



# CAPITAL IMPROVEMENT PROGRAM

2025 – 2034

FAYETTEVILLE  
PUBLIC WORKS COMMISSION  
FAYETTEVILLE, NC





# **2025 - 2034 Capital Improvement Program**

***Commission Review  
May 8, 2024***

**Commissioners**  
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**Christopher Davis, Vice Chair**  
**Ronna Rowe Garrett, Secretary**  
**Richard W. King, Treasurer**

**CEO/General Manager**  
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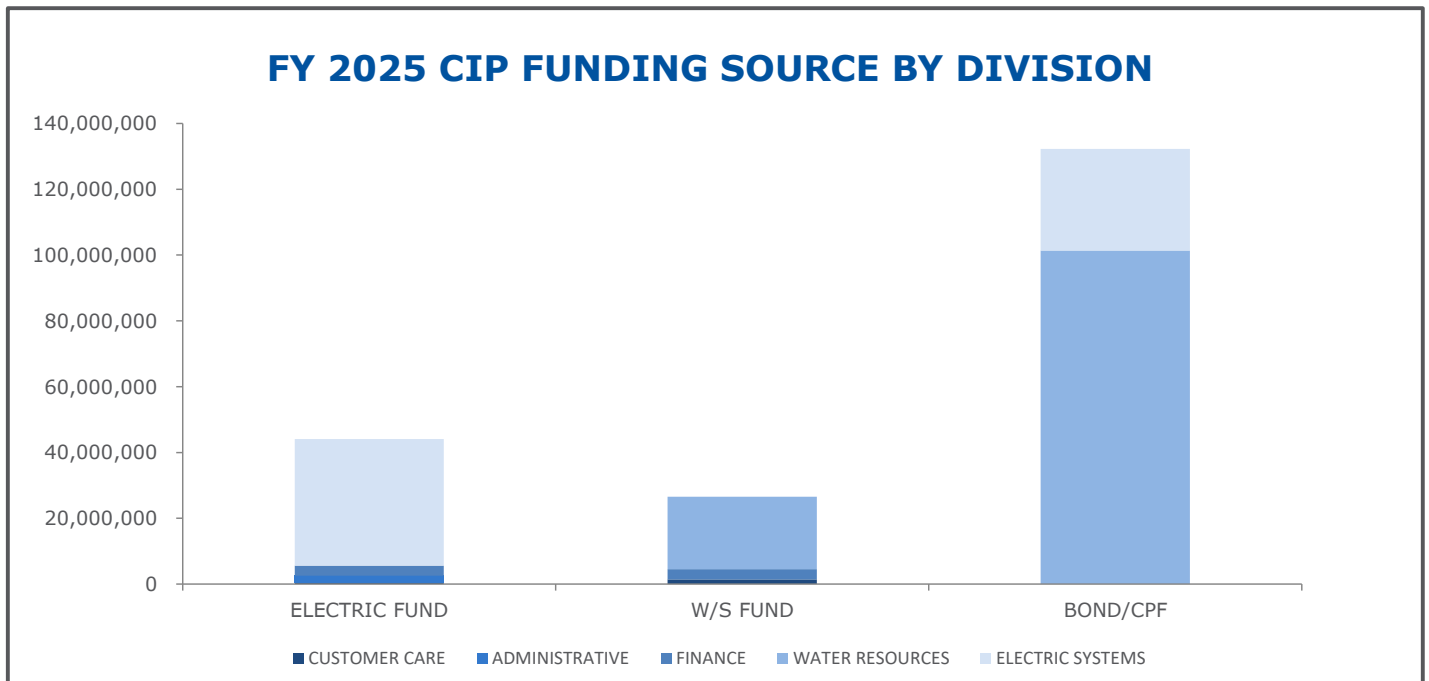
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## CIP BY CATEGORY - ALL FUNDS

<i>DIVISION</i>	<i>ACCOUNT</i>	<i>ELECTRIC FUND</i>	<i>W/S FUND</i>	<i>ELECTRIC &amp; W/S FUNDS</i>	<i>BOND FUND / NC STATE LOAN / CPF</i>	<i>TOTAL ALL FUNDS</i>
<b>CUSTOMER CARE</b>	ELECTRIC DISTRIBUTION	355,000		355,000		355,000
	WATER DISTRIBUTION		1,437,000	1,437,000		1,437,000
	<b>TOTAL CUSTOMER CARE</b>	<b>355,000</b>	<b>1,437,000</b>	<b>1,792,000</b>		<b>1,792,000</b>
<b>ADMINISTRATIVE</b>	STRUCTURES & IMPROVEMENTS	2,165,000		2,165,000		2,165,000
	<b>TOTAL ADMINISTRATIVE</b>	<b>2,165,000</b>		<b>2,165,000</b>		<b>2,165,000</b>
<b>FINANCE</b>	INHOUSE COMPUTER SYSTEMS	3,090,500	3,090,500	6,181,000		6,181,000
	<b>TOTAL FINANCE</b>	<b>3,090,500</b>	<b>3,090,500</b>	<b>6,181,000</b>		<b>6,181,000</b>
<b>WATER RESOURCES</b>	LAND & LAND RIGHTS-W/S		100,000	100,000		100,000
	WATER DISTRIBUTION		11,507,000	11,507,000	21,504,000	33,011,000
	SANITARY SEWER COLLECTION		9,764,000	9,764,000	51,308,000	61,072,000
	GLENVILLE LAKE PLANT				1,367,000	1,367,000
	P.O. HOFFER WATER PLANT		10,000	10,000	17,965,000	17,975,000
	CROSS CREEK TRMT. PLANT		270,000	270,000	9,205,000	9,475,000
	ROCKFISH TRMT. PLANT		350,000	350,000		350,000
<b>TOTAL WATER RESOURCES</b>		<b>22,001,000</b>	<b>22,001,000</b>	<b>101,349,000</b>	<b>123,350,000</b>	
<b>ELECTRIC SYSTEMS</b>	LAND & LAND RIGHTS-ELEC	500,000		500,000		500,000
	STRUCTURES & IMPROVEMENTS	500,000		500,000	3,250,000	3,750,000
	GENERATION PLANT	8,150,000		8,150,000	13,950,000	22,100,000
	TRANSMISSION PLANT	3,000,000		3,000,000		3,000,000
	DISTRIBUTION PLANT	24,550,000		24,550,000	13,750,000	38,300,000
	TELECOM-CABLE INFRASTRUCTURE	350,000		350,000		350,000
	COMMUNICATIONS EQUIPMENT	775,000		775,000		775,000
	INHOUSE COMPUTER SYSTEMS	625,000		625,000		625,000
<b>TOTAL ELECTRIC SYSTEMS</b>	<b>38,450,000</b>		<b>38,450,000</b>	<b>30,950,000</b>	<b>69,400,000</b>	
<b>TOTAL CIP</b>		<b>44,060,500</b>	<b>26,528,500</b>	<b>70,589,000</b>	<b>132,299,000</b>	<b>202,888,000</b>





# PROJECT FUNDING SUMMARY

REF. #	2025 PROJECT LISTING	ELECTRIC FUND	W/S FUND	BOND FUND / NC DOT RESERVE / CPF	TOTAL
<b>CUSTOMER CARE</b>					
CD 1	Electric Meters and Metering Equipment	355,000	-	-	355,000
	<b>ELECTRIC DISTRIBUTION</b>	<b>355,000</b>	<b>-</b>	<b>-</b>	<b>355,000</b>
CD 2	Water Meters	-	1,437,000	-	1,437,000
	<b>WATER DISTRIBUTION</b>	<b>-</b>	<b>1,437,000</b>	<b>-</b>	<b>1,437,000</b>
	<b>TOTAL CUSTOMER CARE</b>	<b>355,000</b>	<b>1,437,000</b>	<b>-</b>	<b>1,792,000</b>
<b>ADMINISTRATIVE</b>					
AD 1	Robert C. Williams Business Center Upfit	200,000	-	-	200,000
AD 3	Space Planning and Utilization Project	140,000	-	-	140,000
AD 4	Roof Replacement for the Apparatus Repair Shop	325,000	-	-	325,000
AD 5	Renovation of the Customer Service Center	1,500,000	-	-	1,500,000
	<b>STRUCTURES &amp; IMPROVEMENTS</b>	<b>2,165,000</b>	<b>-</b>	<b>-</b>	<b>2,165,000</b>
	<b>TOTAL ADMINISTRATIVE</b>	<b>2,165,000</b>	<b>-</b>	<b>-</b>	<b>2,165,000</b>
<b>FINANCE</b>					
FN 1	EBS & Hyperion Cloud Upgrade	3,090,500	3,090,500	-	6,181,000
	<b>INHOUSE COMPUTER SYSTEMS</b>	<b>3,090,500</b>	<b>3,090,500</b>	<b>-</b>	<b>6,181,000</b>
	<b>TOTAL FINANCE</b>	<b>3,090,500</b>	<b>3,090,500</b>	<b>-</b>	<b>6,181,000</b>
<b>WATER RESOURCES</b>					
WS 1	Land and Land Rights - Water	-	95,000	-	95,000
WS 47	Land and Land Rights - Sewer	-	5,000	-	5,000
	<b>LAND &amp; LAND RIGHTS</b>	<b>-</b>	<b>100,000</b>	<b>-</b>	<b>100,000</b>
WS 2	New Water Service Laterals and Water Main Extensions	-	700,000	-	700,000
WS 3	Water Lateral Renewals (PWC Forces)	-	790,000	-	790,000
WS 4	New Hydrant and Valve Installation	-	275,000	-	275,000
WS 5	Water Distribution System Rehabilitation	-	-	5,285,000	5,285,000
WS 6	Phase V Annexation - Water Main Extension	-	-	2,117,000	2,117,000
WS 10	Cliffdale Road Transmission Water Main Improvements	-	-	2,490,000	2,490,000
WS 13	High Pressure Zone Transmission Water Main Improvements	-	815,000	-	815,000
WS 14	Water Improvements to serve the 401 N. Industrial Site	-	390,000	-	390,000
WS 21	Utility Improvements for City of Fayetteville Storm Drainage Improv	-	1,800,000	-	1,800,000
WS 22	Utility Improvements for the Town of Hope Mills Stormwater Projects	-	20,000	-	20,000
WS 23	Utility Improvements for NCDOT Resurfacing and Stormwater Projec	-	10,000	-	10,000
WS 26	Extend 16-inch water main from Claude Lee Road to the east side of	-	1,510,000	-	1,510,000
WS 28	Gray's Creek Water Main Extension	-	20,000	1,416,000	1,436,000
WS 29	Ramsey Street Water Transmission Main Improvements Phase 1	-	1,180,000	-	1,180,000
WS 30	Ramsey Street Water Transmission Main Improvements Phase 2	-	860,000	-	860,000
WS 32	NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Drive to F	-	230,000	-	230,000
WS 33	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC162 Bing	-	518,000	-	518,000
WS 34	NCDOT U-2519B A/BB Fayetteville Outer Loop from South of US 401	-	15,000	5,209,000	5,224,000
WS 35	NCDOT W-5806(C) Rosehill Rd. Intersection Improvements at Tamai	-	47,000	1,287,000	1,334,000
WS 36	NCDOT U-4900 Murchison Road Widening - Water	-	705,000	-	705,000
WS 37	NCDOT U-5101(A) Shaw Rd to Stacey Weaver Dr Widening - Water	-	272,000	-	272,000
WS 38	NCDOT U-5798(A) - Gillis Hill Rd Widening - Water	-	45,000	3,700,000	3,745,000
WS 39	NCDOT U-5798(B) - Gillis Hill Road Widening - Water	-	200,000	-	200,000
WS 40	NCDOT U-3422 Camden Rd Widening - Water	-	270,000	-	270,000
WS 41	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Water	-	50,000	-	50,000
WS 43	NCDOT U-4403(C) Ramsey Street Widening - Water	-	320,000	-	320,000
WS 44	NCDOT BP6R006 New Culvert Over Branson Creek On Raeford Road	-	465,000	-	465,000
	<b>WATER DISTRIBUTION</b>	<b>-</b>	<b>11,507,000</b>	<b>21,504,000</b>	<b>33,011,000</b>
WS 48	New Sewer Service Laterals and Sewer Main Extensions	-	555,000	-	555,000
WS 49	Sewer Lateral Renewals (PWC Forces)	-	808,000	-	808,000
WS 50	Sanitary Sewer Manhole Rehabilitation	-	2,500,000	-	2,500,000
WS 51	Sanitary Sewer Main Rehabilitation	-	-	9,423,000	9,423,000
WS 52	Lift Station Rehabilitation	-	600,000	-	600,000
WS 55	Longview Lift Station and Force Main Upgrade	-	-	1,570,000	1,570,000
WS 56	Replace Lift Station #72 - Cypress Lakes #1	-	550,000	-	550,000

## PROJECT FUNDING SUMMARY

REF. #	2025 PROJECT LISTING	ELECTRIC FUND	W/S FUND	BOND FUND / NC DOT RESERVE / CPF	TOTAL
WS 58	Phase V Annexation	-	-	20,880,000	20,880,000
WS 59	16-inch Aerial Crossing Replacement at Methodist University	-	1,075,000	-	1,075,000
WS 64	Murchison Road Sewer Improvements, (Jasper St. to Murchison Rd.)	-	1,230,000	-	1,230,000
WS 67	Replacement of the Cross Creek Outfall, Greensboro Street to Hillsbr	-	-	85,000	85,000
WS 68	Line 54" Outfall - Research Drive to I-95	-	-	4,720,000	4,720,000
WS 75	North Fayetteville Lift Station Upgrades - Phase 3	-	100,000	-	100,000
WS 77	Big Rockfish Sanitary Sewer Outfall	-	180,000	10,800,000	10,980,000
WS 78	Big Rockfish Sanitary Sewer Outfall - Lift Station Eliminations	-	59,000	3,000,000	3,059,000
WS 84	Sanitary Sewer Improvements to serve the 401 N. Industrial Site	-	655,000	-	655,000
WS 85	Utility Improvements for City of Fayetteville Storm Drainage Improv	-	600,000	-	600,000
WS 86	Utility Improvements for the Town of Hope Mills Stormwater Projects	-	20,000	-	20,000
WS 87	Utility Improvements for NCDOT Resurfacing and Stormwater Projec	-	10,000	-	10,000
WS 88	NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Drive to F	-	90,000	-	90,000
WS 89	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC162 Bing	-	105,000	-	105,000
WS 90	NCDOT U-2519B A/BB Fayetteville Outer Loop from South of US 401	-	5,000	40,000	45,000
WS 91	NCDOT U-4900 Murchison Road Widening - Sewer	-	235,000	-	235,000
WS 92	NCDOT U-5101(A) Shaw Rd Widening - Sewer	-	65,000	-	65,000
WS 93	NCDOT U-5798(A) - Gillis Hill Rd Widening - Sewer	-	16,000	790,000	806,000
WS 94	NCDOT U-3422 Camden Rd Widening - Sewer	-	70,000	-	70,000
WS 95	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Sewer	-	16,000	-	16,000
WS 97	NCDOT U-4403(C) Ramsey Street Widening - Sewer	-	220,000	-	220,000
	<b>SANITARY SEWER COLLECTION</b>	-	<b>9,764,000</b>	<b>51,308,000</b>	<b>61,072,000</b>
WS 15	GAC Facility for the Glenville Lake WTP	-	-	1,367,000	1,367,000
	<b>GLENVILLE LAKE WATER PLANT</b>	-	-	<b>1,367,000</b>	<b>1,367,000</b>
WS 16	GAC Facility for the PO Hoffer WTP	-	-	2,655,000	2,655,000
WS 17	PO Hoffer WTP / Glenville Lake WTP Reliability Improvements	-	10,000	12,460,000	12,470,000
WS 20	Replace Standby Power Generator at the PO Hoffer WTP	-	-	2,850,000	2,850,000
	<b>P.O. HOFFER WATER PLANT</b>	-	<b>10,000</b>	<b>17,965,000</b>	<b>17,975,000</b>
WS 80	Cross Creek WRF Reliability Improvements	-	270,000	-	270,000
WS 81	Cross Creek WRF Influent Pump Station and Pump Station #3 Rehab	-	-	9,205,000	9,205,000
	<b>CROSS CREEK TREATMENT PLANT</b>	-	<b>270,000</b>	<b>9,205,000</b>	<b>9,475,000</b>
WS 83	Replace Clarifier #3 Mechanism at the Rockfish Creek WRF	-	350,000	-	350,000
	<b>ROCKFISH TREATMENT PLANT</b>	-	<b>350,000</b>	-	<b>350,000</b>
	<b>TOTAL WATER RESOURCES</b>	-	<b>22,001,000</b>	<b>101,349,000</b>	<b>123,350,000</b>
	<b>ELECTRIC SYSTEMS</b>				
EL 40	ROW Additions Distribution	150,000	-	-	150,000
EL 41	ROW Additions Transmission - Asset Protection	350,000	-	-	350,000
	<b>LAND AND LAND RIGHTS</b>	<b>500,000</b>	-	-	<b>500,000</b>
EL 26	T/D Substation Control Building Replacement	500,000	-	-	500,000
EL 35	PO Hoffer 66-12 kV Substation Rebuild	-	-	3,250,000	3,250,000
	<b>STRUCTURES &amp; IMPROVEMENTS</b>	<b>500,000</b>	-	<b>3,250,000</b>	<b>3,750,000</b>
EL 47	Gas Turbine #4 Generator Step Up Transformer Replacement	500,000	-	-	500,000
EL 49	Solar Compliance Resource – Sally Hill 2 MW	-	-	4,675,000	4,675,000
EL 50	Solar Compliance Resource – Rockfish 4.8 MW	-	-	8,950,000	8,950,000
EL 51	Solar Compliance Resource – Carvers Falls 4.9 MW	-	-	325,000	325,000
EL 67	Gas Turbine 6 Major Overhaul	3,500,000	-	-	3,500,000
EL 68	Gas Turbine 4 Major Overhaul	3,500,000	-	-	3,500,000
EL 70	Cooling Tower Fill Replacement	150,000	-	-	150,000
EL 71	Gas Line Replacement	500,000	-	-	500,000
	<b>GENERATION PLANT</b>	<b>8,150,000</b>	-	<b>13,950,000</b>	<b>22,100,000</b>
EL 22	Sub-Transmission Pole Replacement	1,750,000	-	-	1,750,000
EL 29	POD I 230 kV Switch Replacement	350,000	-	-	350,000
EL 48	Generator Step-Up Transformers - Cooler Replacement	900,000	-	-	900,000
	<b>TRANSMISSION PLANT</b>	<b>3,000,000</b>	-	-	<b>3,000,000</b>



## PROJECT FUNDING SUMMARY

<i>REF. #</i>	<i>2025 PROJECT LISTING</i>	<i>ELECTRIC FUND</i>	<i>W/S FUND</i>	<i>BOND FUND / NC DOT RESERVE / CPF</i>	<i>TOTAL</i>
EL 1	Underground Distribution Infrastructure Installations – New	2,500,000	-	-	2,500,000
EL 2	Overhead Infrastructure Installation - New	75,000	-	-	75,000
EL 3	LED Area Lights - New Installations	400,000	-	-	400,000
EL 4	Padmount Transformers	-	-	5,000,000	5,000,000
EL 5	Overhead Transformers	-	-	1,500,000	1,500,000
EL 6	Underground Infrastructure Replacement - Residential	2,250,000	-	-	2,250,000
EL 7	Underground Infrastructure Replacement - Non Residential	750,000	-	-	750,000
EL 8	Underground Distribution Infrastructure Replacements (Non-Cable)	650,000	-	-	650,000
EL 9	UG Feeder Exit Replacement Substations	375,000	-	-	375,000
EL 10	FTI 66 -12 kV Substation and Campus Feeder UG Cable Replacemer	1,250,000	-	-	1,250,000
EL 11	Overhead Distribution System Circuit Improvements	200,000	-	-	200,000
EL 12	Distribution System Sectionalizing	250,000	-	-	250,000
EL 13	Overhead Infrastructure Improvements	500,000	-	-	500,000
EL 14	Foreign Attachment Make-Ready & Clearance	500,000	-	-	500,000
EL 15	Thoroughfare LED Lighting - New Installations	500,000	-	-	500,000
EL 16	Thoroughfare LED Roadway Lighting-Conversion	50,000	-	-	50,000
EL 17	Conservation Load Reduction (CVR)	250,000	-	-	250,000
EL 18	System Reactive Power Compensation	250,000	-	-	250,000
EL 21	Distribution Automation	300,000	-	-	300,000
EL 24	Distribution Substation Equipment Replacement	150,000	-	-	150,000
EL 25	Distribution Circuit Breaker Replacement	600,000	-	-	600,000
EL 27	T/D Substation Protection and Control System Upgrade	500,000	-	-	500,000
EL 28	T/D Sub 66 kV Power Transformer Protection Equipment Upgrade	500,000	-	-	500,000
EL 32	Distribution Substation 66-12 kV Power Transformer	-	-	2,000,000	2,000,000
EL 34	Cumberland Road 66 -12 kV Substation Rebuild	-	-	3,650,000	3,650,000
EL 36	Railroad Street 66-12 kV Substation Rebuild	-	-	1,600,000	1,600,000
EL 42	Downtown UG Infrastructure Reliability Improvements	1,500,000	-	-	1,500,000
EL 43	Underground Distribution / Streetscape Improvement	50,000	-	-	50,000
EL 57	NCDOT U-4900 Murchison Road Widening	10,200,000	-	-	10,200,000
	<b>DISTRIBUTION PLANT</b>	<b>24,550,000</b>	<b>-</b>	<b>13,750,000</b>	<b>38,300,000</b>
EL 19	Fiber Optic Cable Line Extensions for Electric System Automation PW	350,000	-	-	350,000
	<b>TELECOM-CABLE INFRASTRUCTURE</b>	<b>350,000</b>	<b>-</b>	<b>-</b>	<b>350,000</b>
EL 20	SONET Communications for Smart Grid	50,000	-	-	50,000
EL 46	T/D SCADA System Replacement	725,000	-	-	725,000
	<b>COMMUNICATIONS EQUIPMENT</b>	<b>775,000</b>	<b>-</b>	<b>-</b>	<b>775,000</b>
EL 45	DMS Software and Implementation	625,000	-	-	625,000
	<b>INHOUSE COMPUTER SYSTEMS</b>	<b>625,000</b>	<b>-</b>	<b>-</b>	<b>625,000</b>
	<b>TOTAL ELECTRIC SYSTEMS</b>	<b>38,450,000</b>	<b>-</b>	<b>30,950,000</b>	<b>69,400,000</b>
	<b>TOTAL ALL PROJECTS</b>	<b>44,060,500</b>	<b>26,528,500</b>	<b>132,299,000</b>	<b>202,888,000</b>

## SUMMARY BY PROJECT

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
(Dollars in thousands)										
<b>CUSTOMER CARE</b>										
CD 1	Electric Meters and Metering Equipment	355	370	388	408	431	20,800	6,724	378	29,854
CD 2	Water Meters	1,437	1,162	826	866	898	32,980	21,044	595	59,808
<b>TOTAL CUSTOMER CARE</b>		<b>1,792</b>	<b>1,532</b>	<b>1,214</b>	<b>1,274</b>	<b>1,329</b>	<b>53,780</b>	<b>27,768</b>	<b>973</b>	<b>89,662</b>
<b>ADMINISTRATIVE</b>										
AD 1	Robert C. Williams Business Center Upfit	200	120	400	300	250	0	1,173	0	2,443
AD 2	Multipurpose Building	0	0	300	8,910	1,140	0	0	0	10,350
AD 3	Space Planning and Utilization Project	140	3,100	1,120	2,100	1,100	0	248	300	8,108
AD 4	Roof Replacement for the Apparatus Repair Shop	325	0	0	0	0	0	0	0	325
AD 5	Renovation of the Customer Service Center	1,500	0	0	0	0	0	0	0	1,500
<b>TOTAL ADMINISTRATIVE</b>		<b>2,165</b>	<b>3,220</b>	<b>1,820</b>	<b>11,310</b>	<b>2,490</b>	<b>0</b>	<b>1,421</b>	<b>300</b>	<b>22,726</b>
<b>INFORMATION TECHNOLOGY</b>										
IT 1	CIS Saas Implementation	0	0	2,500	0	0	0	0	0	2,500
<b>TOTAL INFORMATION TECHNOLOGY</b>		<b>0</b>	<b>0</b>	<b>2,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500</b>
<b>FINANCE</b>										
FN 1	EBS & Hyperion Cloud Upgrade	6,181	1,223	0	0	0	0	0	200	7,604
<b>TOTAL FINANCE</b>		<b>6,181</b>	<b>1,223</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>7,604</b>
<b>WATER RESOURCES</b>										
WS 1	Land and Land Rights - Water	95	95	95	95	95	475	769	110	1,829
WS 2	New Water Service Laterals and Water Main Extensio	700	722	744	766	789	4,316	14,589	800	23,426
WS 3	Water Lateral Renewals (PWC Forces)	790	882	926	973	1,022	5,939	13,269	700	24,501
WS 4	New Hydrant and Valve Installation	275	303	333	366	403	2,702	1,815	300	6,497
WS 5	Water Distribution System Rehabilitation	5,285	5,435	5,985	4,735	7,107	28,013	70,415	3,500	130,475
WS 6	Phase V Annexation - Water Main Extension	2,117	1,747	837	306	1,440	14,547	6,001	688	27,683
WS 7	Replace Existing Water Mains not Encased Under Rai	0	0	0	1,100	1,100	1,100	4,782	299	8,381
WS 8	Chicken Foot Road 16" Water Main Interconnect	0	0	1,840	0	0	0	210	0	2,050
WS 9	West Fayetteville Pressure Zone Improvements	0	818	768	35	13,518	7,308	108	90	22,645
WS 10	Cliffdale Road Transmission Water Main Improvemen	2,490	0	0	0	0	0	338	545	3,373
WS 11	Yadkin Road Water Main Replacement	0	0	0	270	295	4,585	0	0	5,150
WS 12	US HWY 401 North - Elevated Water Tank (Contract	0	0	0	0	0	9,835	285	0	10,120
WS 13	High Pressure Zone Transmission Water Main Improv	815	865	10,895	10,885	0	0	104	0	23,564
WS 14	Water Improvements to serve the 401 N. Industrial S	390	1,560	0	0	0	0	44	248	2,242
WS 15	GAC Facility for the Glenville Lake WTP	1,367	3,524	18,100	5,413	0	0	0	450	28,854
WS 16	GAC Facility for the PO Hoffer WTP	2,655	5,765	28,767	13,434	0	0	0	590	51,211
WS 17	PO Hoffer WTP / Glenville Lake WTP Reliability Impro	12,470	8,731	0	0	0	0	272	3,700	25,173
WS 18	PO Hoffer WTF Capacity Expansion, Phase 2	0	0	60	11,160	45,770	17,430	0	0	74,420
WS 19	PO Hoffer WTF Capacity Expansion, Phase 3 - Residu	0	45	19,625	13,073	0	0	1,419	0	34,162
WS 20	Replace Standby Power Generator at the PO Hoffer W	2,850	2,055	0	0	0	0	1	4	4,910
WS 21	Utility Improvements for City of Fayetteville Storm D	1,800	1,800	645	645	545	1,775	1,396	750	9,356
WS 22	Utility Improvements for the Town of Hope Mills Stor	20	20	20	20	20	100	0	0	200
WS 23	Utility Improvements for NCDOT Resurfacing and Stc	10	10	10	10	10	50	0	0	100
WS 24	NC 59 Water Main Extension from Church St. to Park	0	0	0	2,235	2,235	1,410	0	0	5,880
WS 25	Replacement of Water Mains in Dams	0	0	0	0	0	3,370	0	0	3,370
WS 26	Extend 16-inch water main from Claude Lee Road to	1,510	850	0	0	0	0	0	0	2,360
WS 27	Replacement of Water Service Lines	0	0	0	0	1,030	36,150	0	0	37,180
WS 28	Gray's Creek Water Main Extension	1,436	8,133	0	0	0	0	0	0	9,569
WS 29	Ramsey Street Water Transmission Main Improveme	1,180	4,085	14,000	3,479	0	0	0	220	22,964
WS 30	Ramsey Street Water Transmission Main Improveme	860	265	325	185	0	0	0	230	1,865
WS 31	NCDOT U-6001 NC 59 Widening, Parkton Road to US	0	0	0	112	158	3,348	0	0	3,618
WS 32	NCDOT U-4405 Raeford Rd Median Improv Hampton	230	335	10,660	235	13,705	45	2,501	3,720	31,431
WS 33	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd.	518	443	75	155	7,042	0	0	200	8,433
WS 34	NCDOT U-2519B A/BB Fayetteville Outer Loop from S	5,224	0	0	0	0	0	15	0	5,239
WS 35	NCDOT W-5806(C) Rosehill Rd. Intersection Improve	1,334	0	0	0	0	0	43	895	2,272
WS 36	NCDOT U-4900 Murchison Road Widening - Water	705	175	15,460	0	0	0	400	685	17,425
WS 37	NCDOT U-5101(A) Shaw Rd to Stacey Weaver Dr Wic	272	235	610	530	155	11,330	3	85	13,220
WS 38	NCDOT U-5798(A) - Gillis Hill Rd Widening - Water	3,745	0	0	0	0	0	283	45	4,073
WS 39	NCDOT U-5798(B) - Gillis Hill Road Widening - Water	200	55	2,455	0	0	0	123	270	3,103
WS 40	NCDOT U-3422 Camden Rd Widening - Water	270	22,870	0	0	0	0	788	655	24,583
WS 41	NCDOT U-4709 Rockfish Road, Golfview Drive to NC	50	5,465	0	0	0	0	147	50	5,712
WS 42	NCDOT U-4403(B) Ramsey Street Widening - Water	0	0	25	375	525	10,390	188	40	11,543
WS 43	NCDOT U-4403(C) Ramsey Street Widening - Water	320	530	630	720	420	35,170	51	40	37,881
WS 44	NCDOT BP6R006 New Culvert Over Branson Creek O	465	0	0	0	0	0	37	50	552
WS 45	NCDOT U-4404 Cliffdale Road Widening - Water	0	0	110	210	30	5,180	0	0	5,530



## SUMMARY BY PROJECT

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
(Dollars in thousands)										
WS 46	NCDOT U-4414 All-American Freeway widening from	0	105	105	105	105	265	0	0	685
WS 47	Land and Land Rights - Sewer	5	5	5	5	5	25	0	10	60
WS 48	New Sewer Service Laterals and Sewer Main Extensio	555	583	612	642	674	3,916	22,395	600	29,977
WS 49	Sewer Lateral Renewals (PWC Forces)	808	828	849	870	892	4,839	13,223	850	23,159
WS 50	Sanitary Sewer Manhole Rehabilitation	2,500	2,500	3,000	2,500	3,000	17,500	20,725	1,250	52,975
WS 51	Sanitary Sewer Main Rehabilitation	9,423	7,850	7,850	8,350	7,350	41,250	76,366	2,700	161,139
WS 52	Lift Station Rehabilitation	600	600	750	750	750	2,350	2,711	300	8,811
WS 53	Lift Station Electrical Upgrades	0	0	200	515	1,510	8,620	0	0	10,845
WS 54	North Fayetteville Lift Station Upgrades - Phase 4	0	0	0	0	135	6,500	382	0	7,017
WS 55	Longview Lift Station and Force Main Upgrade	1,570	540	0	0	0	0	190	0	2,300
WS 56	Replace Lift Station #72 - Cypress Lakes #1	550	3,780	570	0	0	0	36	100	5,036
WS 57	DAK/DTF Lift Station Upgrades	0	0	230	1,480	3,730	0	0	0	5,440
WS 58	Phase V Annexation	20,880	25,845	23,423	23,492	15,453	70,595	125,278	13,413	318,379
WS 59	16-inch Aerial Crossing Replacement at Methodist Un	1,075	780	0	0	0	0	0	0	1,855
WS 60	East Cole Street Sewer Aerial Crossing Replacement	0	0	0	0	0	1,472	0	0	1,472
WS 61	Lamon Street Aerial Sewer Replacement	0	0	565	25	3,965	2,155	0	0	6,710
WS 62	Replacement of Sewer Mains in Dams	0	0	0	0	0	5,230	0	0	5,230
WS 63	McFadyen Lake Sewer Main Rehabilitation	0	0	0	0	1,120	2,585	0	0	3,705
WS 64	Murchison Road Sewer Improvements, (Jasper St. to	1,230	0	0	70	2,530	3,030	0	10	6,870
WS 65	Branson Creek Interceptor Replacement, Phase I	0	0	0	0	60	1,910	0	0	1,970
WS 66	Branson Creek Interceptor Replacement, Phase II	0	0	0	0	0	3,690	0	0	3,690
WS 67	Replacement of the Cross Creek Outfall, Greensboro	85	120	3,430	4,630	0	0	293	0	8,558
WS 68	Line 54" Outfall - Research Drive to I-95	4,720	8,820	2,920	0	0	0	170	660	17,290
WS 69	Line Beaver Creek Outfall, Phase II	0	0	0	50	5,850	0	0	0	5,900
WS 70	Line the Beaver Creek Outfall, Phase III	0	0	0	0	0	7,300	0	0	7,300
WS 71	Line 54" Outfall - I-95 to Claude Lee Road	0	0	50	6,650	0	0	0	0	6,700
WS 72	Line Beaver Creek Outfall, Phase IV	0	0	0	0	0	7,900	0	0	7,900
WS 73	Line 54-Inch Outfall, Claude Lee Road to Laurelwood	0	0	0	0	70	9,770	0	0	9,840
WS 74	Line 54-Inch Outfall, Laurelwood Place to Special For	0	0	0	0	0	8,140	0	0	8,140
WS 75	North Fayetteville Lift Station Upgrades - Phase 3	100	1,295	1,370	1,020	6,620	16,580	0	0	26,985
WS 76	Line 54-Inch Outfall, Special Forces to NC 87	0	0	0	0	0	2,440	0	0	2,440
WS 77	Big Rockfish Sanitary Sewer Outfall	10,980	9,619	5,416	0	0	0	12,556	4,274	42,845
WS 78	Big Rockfish Sanitary Sewer Outfall - Lift Station Elin	3,059	8,205	3,525	0	0	0	1,832	497	17,118
WS 79	Rehabilitation of the North Fayetteville 20-Inch Force	0	0	150	390	1,560	0	0	0	2,100
WS 80	Cross Creek WRF Reliability Improvements	270	740	10,340	8,440	0	0	0	0	19,790
WS 81	Cross Creek WRF Influent Pump Station and Pump St	9,205	8,374	0	0	0	0	532	300	18,411
WS 82	Rockfish Creek WRF Expansion Phase 3	0	0	10,258	45,165	58,815	22,543	5,143	15	141,939
WS 83	Replace Clarifier #3 Mechanism at the Rockfish Creel	350	160	0	0	0	0	0	0	510
WS 84	Sanitary Sewer Improvements to serve the 401 N. Ir	655	2,580	1,580	0	0	0	62	185	5,062
WS 85	Utility Improvements for City of Fayetteville Storm D	600	735	190	190	520	750	798	150	3,933
WS 86	Utility Improvements for the Town of Hope Mills Stor	20	20	20	20	20	100	0	0	200
WS 87	Utility Improvements for NCDOT Resurfacing and Stc	10	10	10	10	10	50	0	0	100
WS 88	NCDOT U-4405 Raeford Rd Median Improv Hampton	90	115	690	100	15,515	20	496	77	17,103
WS 89	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd.	105	90	75	50	1,775	0	0	85	2,180
WS 90	NCDOT U-2519B A/BB Fayetteville Outer Loop from S	45	0	0	0	0	0	14	0	59
WS 91	NCDOT U-4900 Murchison Road Widening - Sewer	235	45	5,770	0	0	0	246	210	6,506
WS 92	NCDOT U-5101(A) Shaw Rd Widening - Sewer	65	95	206	156	45	2,738	2	143	3,450
WS 93	NCDOT U-5798(A) - Gillis Hill Rd Widening - Sewer	806	0	0	0	0	0	119	55	980
WS 94	NCDOT U-3422 Camden Rd Widening - Sewer	70	1,320	0	0	0	0	113	75	1,578
WS 95	NCDOT U-4709 Rockfish Road, Golfview Drive to NC	16	870	0	0	0	0	32	15	933
WS 96	NCDOT U-4403(B) Ramsey Street Widening - Sewer	0	0	15	215	215	6,675	547	8	7,675
WS 97	NCDOT U-4403(C) Ramsey Street Widening - Sewer	220	270	80	220	170	4,080	10	25	5,075
WS 98	NCDOT U-4404 Cliffdale Road Widening - Sewer	0	0	55	80	80	2,095	0	0	2,310
WS 99	NCDOT U-4414 All-American Freeway widening from	0	30	30	30	30	90	0	0	210
<b>TOTAL WATER RESOURCES</b>		<b>123,350</b>	<b>164,747</b>	<b>218,339</b>	<b>177,742</b>	<b>229,988</b>	<b>471,771</b>	<b>404,667</b>	<b>45,966</b>	<b>1,836,570</b>
<b>ELECTRIC SYSTEMS</b>										
EL 1	Underground Distribution Infrastructure Installations	2,500	2,725	2,925	3,150	3,350	21,000	33,572	3,000	72,222
EL 2	Overhead Infrastructure Installation - New	75	75	75	75	75	375	2,929	77	3,756
EL 3	LED Area Lights - New Installations	400	500	600	650	700	3,500	6,116	550	13,016
EL 4	Padmount Transformers	5,000	5,000	5,000	5,000	5,000	25,000	21,103	13,000	84,103
EL 5	Overhead Transformers	1,500	1,500	1,500	1,500	1,500	7,500	8,007	3,500	26,507
EL 6	Underground Infrastructure Replacement - Residentia	2,250	2,450	2,650	2,850	3,050	21,250	22,947	2,900	60,347
EL 7	Underground Infrastructure Replacement - Non Resic	750	900	1,100	1,300	1,400	7,500	6,263	900	20,113
EL 8	Underground Distribution Infrastructure Replacement	650	650	650	650	650	3,250	9,146	635	16,281
EL 9	UG Feeder Exit Replacement Substations	375	425	475	525	575	3,125	1,660	200	7,360
EL 10	FTI 66 -12 kV Substation and Campus Feeder UG Ca	1,250	950	0	0	0	0	0	0	2,200

## SUMMARY BY PROJECT

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
(Dollars in thousands)										
EL 11	Overhead Distribution System Circuit Improvements	200	200	200	200	200	1,000	5,823	125	7,948
EL 12	Distribution System Sectionalizing	250	300	400	500	500	2,500	888	75	5,413
EL 13	Overhead Infrastructure Improvements	500	600	600	600	600	3,000	15,874	1,150	22,924
EL 14	Foreign Attachment Make-Ready & Clearance	500	550	0	0	0	0	1,347	1,250	3,647
EL 15	Thoroughfare LED Lighting - New Installations	500	500	500	500	500	2,500	1,139	200	6,339
EL 16	Thoroughfare LED Roadway Lighting-Conversion	50	0	0	0	0	0	4,907	100	5,057
EL 17	Conservation Load Reduction (CVR)	250	250	250	0	0	0	1,320	100	2,170
EL 18	System Reactive Power Compensation	250	125	125	0	0	0	4,040	210	4,750
EL 19	Fiber Optic Cable Line Extensions for Electric System	350	350	250	250	250	1,250	8,840	340	11,880
EL 20	SONET Communications for Smart Grid	50	50	50	50	50	250	641	57	1,198
EL 21	Distribution Automation	300	450	600	750	900	3,750	500	350	7,600
EL 22	Sub-Transmission Pole Replacement	1,750	2,250	2,000	2,000	2,000	10,000	14,566	1,800	36,366
EL 23	Hogan Street - Amazon Substation 66 kV Transmissi	0	500	2,350	2,150	0	0	0	0	5,000
EL 24	Distribution Substation Equipment Replacement	150	150	150	150	150	750	1,995	110	3,605
EL 25	Distribution Circuit Breaker Replacement	600	0	0	0	0	0	0	405	1,005
EL 26	T/D Substation Control Building Replacement	500	500	500	500	0	0	222	475	2,697
EL 27	T/D Substation Protection and Control System Upgra	500	500	500	500	0	0	0	425	2,425
EL 28	T/D Sub 66 kV Power Transformer Protection Equipm	500	500	500	500	500	0	1,878	438	4,816
EL 29	POD I 230 kV Switch Replacement	350	0	0	0	0	0	6	350	706
EL 30	T/D Substation Antiballistic Fencing	0	0	0	0	300	0	0	25	325
EL 31	Delivery Point Antiballistic Fencing	0	0	0	0	500	0	0	50	550
EL 32	Distribution Substation 66-12 kV Power Transformer	2,000	2,000	2,400	2,400	2,400	2,400	2,457	1,500	17,557
EL 33	230-67kV Auto-Transformer	0	3,800	0	0	0	0	275	2,700	6,775
EL 34	Cumberland Road 66 -12 kV Substation Rebuild	3,650	0	0	0	0	0	345	1,650	5,645
EL 35	PO Hoffer 66-12 kV Substation Rebuild	3,250	1,250	0	0	0	0	1,422	1,500	7,422
EL 36	Railroad Street 66-12 kV Substation Rebuild	1,600	3,700	0	0	0	0	0	0	5,300
EL 37	Amazon 66-12 kV Substation	0	500	100	2,050	3,350	0	0	0	6,000
EL 38	POD IV 230-66 kV Substation	0	0	0	0	125	17,550	1,708	0	19,383
EL 39	POD V 230-66 kV Substation	0	0	0	0	0	28,000	0	0	28,000
EL 40	ROW Additions Distribution	150	150	150	150	150	750	78	25	1,603
EL 41	ROW Additions Transmission - Asset Protection	350	350	350	350	350	1,750	0	150	3,650
EL 42	Downtown UG Infrastructure Reliability Improvement	1,500	1,500	650	0	0	0	382	1,200	5,232
EL 43	Underground Distribution / Streetscape Improvemen	50	50	50	50	50	250	0	0	500
EL 44	CoF Person St 300 - 600 Block Streetscape Improver	0	0	0	0	0	2,750	0	0	2,750
EL 45	DMS Software and Implementation	625	600	525	0	0	0	278	415	2,443
EL 46	T/D SCADA System Replacement	725	0	0	0	0	0	0	25	750
EL 47	Gas Turbine #4 Generator Step Up Transformer Repl	500	1,000	0	0	0	0	308	650	2,458
EL 48	Generator Step-Up Transformers - Cooler Replaceme	900	900	0	0	0	0	0	400	2,200
EL 49	Solar Compliance Resource - Sally Hill 2 MW	4,675	0	0	0	0	0	184	1,500	6,359
EL 50	Solar Compliance Resource - Rockfish 4.8 MW	8,950	0	0	0	0	0	0	25	8,975
EL 51	Solar Compliance Resource - Carvers Falls 4.9 MW	325	8,725	0	0	0	0	10	15	9,075
EL 52	Solar Compliance Resource - Butler-Warner 4.95 MW	0	450	8,650	0	0	0	0	0	9,100
EL 53	Solar Compliance Resource - Site #5 5 MW	0	0	475	8,650	0	0	0	0	9,125
EL 54	Solar Compliance Resource - Site #6 5 MW	0	0	475	8,650	0	0	0	0	9,125
EL 55	Solar Compliance Resource - Site #7 5 MW	0	0	0	500	8,650	0	0	0	9,150
EL 56	Bragg Boulevard Gateway Improvement - Phase II	0	0	0	0	0	3,000	0	0	3,000
EL 57	NCDOT U-4900 Murchison Road Widening	10,200	100	0	0	0	0	50	200	10,550
EL 58	NCDOT U-4403B Ramsey Street Widening	0	0	0	0	5,450	1,600	0	0	7,050
EL 59	NCDOT U-4403C Ramsey Street Widening US 401 By	0	150	22,150	7,150	0	0	0	0	29,450
EL 60	NCDOT U-6133 Cliffdale Road / Skibo Road Intersect	0	0	100	1,750	100	0	0	0	1,950
EL 61	NCDOT U-4404 Cliffdale Road Widening	0	0	450	2,900	1,850	0	0	0	5,200
EL 62	NCDOT U-5101 Stacey Weaver Drive Widening	0	0	0	0	0	7,875	0	0	7,875
EL 63	NCDOT U-6209 Cliffdale Road Widening	0	0	0	0	0	4,050	0	0	4,050
EL 64	NCDOT U-6213 Ireland Drive Widening	0	0	0	0	0	3,375	0	0	3,375
EL 65	NCDOT U-5015 Murchison Road Improvement	0	0	0	0	0	2,100	0	0	2,100
EL 66	NCDOT U-6152 Robeson Street Access Management	0	0	0	0	0	2,350	0	0	2,350
EL 67	Gas Turbine 6 Major Overhaul	3,500	0	0	0	0	0	0	0	3,500
EL 68	Gas Turbine 4 Major Overhaul	3,500	0	0	0	0	0	0	0	3,500
EL 69	Gas Turbine 5 Overhaul	0	3,500	0	0	0	0	0	0	3,500
EL 70	Cooling Tower Fill Replacement	150	600	0	0	0	0	0	0	750
EL 71	Gas Line Replacement	500	0	0	0	0	0	0	0	500
<b>TOTAL ELECTRIC SYSTEMS</b>		<b>69,400</b>	<b>52,275</b>	<b>60,475</b>	<b>58,950</b>	<b>45,225</b>	<b>195,300</b>	<b>183,226</b>	<b>44,752</b>	<b>709,603</b>
<b>TOTAL ALL PROJECTS</b>		<b>202,888</b>	<b>222,997</b>	<b>284,348</b>	<b>249,276</b>	<b>279,032</b>	<b>720,851</b>	<b>617,082</b>	<b>92,192</b>	<b>2,668,666</b>



## SUMMARY BY CATEGORY

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
(Dollars in thousands)										
<b>METERS</b>										
CD 1	Electric Meters and Metering Equipment	355	370	388	408	431	20,800	6,724	378	29,854
CD 2	Water Meters	1,437	1,162	826	866	898	32,980	21,044	595	59,808
<b>TOTAL METERS</b>		<b>1,792</b>	<b>1,532</b>	<b>1,214</b>	<b>1,274</b>	<b>1,329</b>	<b>53,780</b>	<b>27,768</b>	<b>973</b>	<b>89,662</b>
<b>BUILDINGS &amp; IMPROVEMENTS</b>										
AD 1	Robert C. Williams Business Center Upfit	200	120	400	300	250	0	1,173	0	2,443
AD 2	Multipurpose Building	0	0	300	8,910	1,140	0	0	0	10,350
AD 3	Space Planning and Utilization Project	140	3,100	1,120	2,100	1,100	0	248	300	8,108
AD 4	Roof Replacement for the Apparatus Repair Shop	325	0	0	0	0	0	0	0	325
AD 5	Renovation of the Customer Service Center	1,500	0	0	0	0	0	0	0	1,500
<b>TOTAL BUILDINGS &amp; IMPROVEMENTS</b>		<b>2,165</b>	<b>3,220</b>	<b>1,820</b>	<b>11,310</b>	<b>2,490</b>	<b>0</b>	<b>1,421</b>	<b>300</b>	<b>22,726</b>
<b>INHOUSE COMPUTER SYSTEMS</b>										
IT 1	CIS Saas Implementation	0	0	2,500	0	0	0	0	0	2,500
FN 1	EBS & Hyperion Cloud Upgrade	6,181	1,223	0	0	0	0	0	200	7,604
EL 45	DMS Software and Implementation	625	600	525	0	0	0	278	415	2,443
<b>TOTAL INHOUSE COMPUTER SYSTEMS</b>		<b>6,806</b>	<b>1,823</b>	<b>3,025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>278</b>	<b>615</b>	<b>12,547</b>
<b>NCDOT ELECTRIC</b>										
EL 57	NCDOT U-4900 Murchison Road Widening	10,200	100	0	0	0	0	50	200	10,550
EL 58	NCDOT U-4403B Ramsey Street Widening	0	0	0	0	5,450	1,600	0	0	7,050
EL 59	NCDOT U-4403C Ramsey Street Widening US 401 Bypas	0	150	22,150	7,150	0	0	0	0	29,450
EL 60	NCDOT U-6133 Cliffdale Road / Skibo Road Intersection	0	0	100	1,750	100	0	0	0	1,950
EL 61	NCDOT U-4404 Cliffdale Road Widening	0	0	450	2,900	1,850	0	0	0	5,200
EL 62	NCDOT U-5101 Stacey Weaver Drive Widening	0	0	0	0	0	7,875	0	0	7,875
EL 63	NCDOT U-6209 Cliffdale Road Widening	0	0	0	0	0	4,050	0	0	4,050
EL 64	NCDOT U-6213 Ireland Drive Widening	0	0	0	0	0	3,375	0	0	3,375
EL 65	NCDOT U-5015 Murchison Road Improvement	0	0	0	0	0	2,100	0	0	2,100
EL 66	NCDOT U-6152 Robeson Street Access Management	0	0	0	0	0	2,350	0	0	2,350
<b>TOTAL NCDOT ELECTRIC</b>		<b>10,200</b>	<b>250</b>	<b>22,700</b>	<b>11,800</b>	<b>7,400</b>	<b>21,350</b>	<b>50</b>	<b>200</b>	<b>73,950</b>
<b>NCDOT W/WW</b>										
WS 31	NCDOT U-6001 NC 59 Widening, Parkton Road to US 301	0	0	0	112	158	3,348	0	0	3,618
WS 32	NCDOT U-4405 Raeford Rd Median Improv Hampton Oak	230	335	10,660	235	13,705	45	2,501	3,720	31,431
WS 33	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to I	518	443	75	155	7,042	0	0	200	8,433
WS 34	NCDOT U-2519B A/BB Fayetteville Outer Loop from Sout	5,224	0	0	0	0	0	15	0	5,239
WS 35	NCDOT W-5806(C) Rosehill Rd. Intersection Improvemer	1,334	0	0	0	0	0	43	895	2,272
WS 36	NCDOT U-4900 Murchison Road Widening - Water	705	175	15,460	0	0	0	400	685	17,425
WS 37	NCDOT U-5101(A) Shaw Rd to Stacey Weaver Dr Wideni	272	235	610	530	155	11,330	3	85	13,220
WS 38	NCDOT U-5798(A) - Gillis Hill Rd Widening - Water	3,745	0	0	0	0	0	283	45	4,073
WS 39	NCDOT U-5798(B) - Gillis Hill Road Widening - Water	200	55	2,455	0	0	0	123	270	3,103
WS 40	NCDOT U-3422 Camden Rd Widening - Water	270	22,870	0	0	0	0	788	655	24,583
WS 41	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 -	50	5,465	0	0	0	0	147	50	5,712
WS 42	NCDOT U-4403(B) Ramsey Street Widening - Water	0	0	25	375	525	10,390	188	40	11,543
WS 43	NCDOT U-4403(C) Ramsey Street Widening - Water	320	530	630	720	420	35,170	51	40	37,881
WS 44	NCDOT BP6R006 New Culvert Over Branson Creek On Ra	465	0	0	0	0	0	37	50	552
WS 45	NCDOT U-4404 Cliffdale Road Widening - Water	0	0	110	210	30	5,180	0	0	5,530
WS 46	NCDOT U-4414 All-American Freeway widening from Ow	0	105	105	105	105	265	0	0	685
WS 88	NCDOT U-4405 Raeford Rd Median Improv Hampton Oak	90	115	690	100	15,515	20	496	77	17,103
WS 89	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to I	105	90	75	50	1,775	0	0	85	2,180
WS 90	NCDOT U-2519B A/BB Fayetteville Outer Loop from Sout	45	0	0	0	0	0	14	0	59
WS 91	NCDOT U-4900 Murchison Road Widening - Sewer	235	45	5,770	0	0	0	246	210	6,506
WS 92	NCDOT U-5101(A) Shaw Rd Widening - Sewer	65	95	206	156	45	2,738	2	143	3,450
WS 93	NCDOT U-5798(A) - Gillis Hill Rd Widening - Sewer	806	0	0	0	0	0	119	55	980
WS 94	NCDOT U-3422 Camden Rd Widening - Sewer	70	1,320	0	0	0	0	113	75	1,578
WS 95	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 -	16	870	0	0	0	0	32	15	933
WS 96	NCDOT U-4403(B) Ramsey Street Widening - Sewer	0	0	15	215	215	6,675	547	8	7,675
WS 97	NCDOT U-4403(C) Ramsey Street Widening - Sewer	220	270	80	220	170	4,080	10	25	5,075
WS 98	NCDOT U-4404 Cliffdale Road Widening - Sewer	0	0	55	80	80	2,095	0	0	2,310
WS 99	NCDOT U-4414 All-American Freeway widening from Ow	0	30	30	30	30	90	0	0	210
<b>TOTAL NCDOT W/WW</b>		<b>14,985</b>	<b>33,048</b>	<b>37,051</b>	<b>3,293</b>	<b>39,970</b>	<b>81,426</b>	<b>6,158</b>	<b>7,428</b>	<b>223,359</b>
<b>CITY OF FAYETTEVILLE-ELECTRIC</b>										
EL 42	Downtown UG Infrastructure Reliability Improvements	1,500	1,500	650	0	0	0	382	1,200	5,232
EL 43	Underground Distribution / Streetscape Improvement	50	50	50	50	50	250	0	0	500
EL 44	CoF Person St 300 - 600 Block Streetscape Improvemen	0	0	0	0	0	2,750	0	0	2,750
<b>TOTAL CITY OF FAYETTEVILLE-ELECTRIC</b>		<b>1,550</b>	<b>1,550</b>	<b>700</b>	<b>50</b>	<b>50</b>	<b>3,000</b>	<b>382</b>	<b>1,200</b>	<b>8,482</b>
<b>MUNICIPAL UTILITY IMPROVEMENTS</b>										
WS 21	Utility Improvements for City of Fayetteville Storm Drain	1,800	1,800	645	645	545	1,775	1,396	750	9,356
WS 22	Utility Improvements for the Town of Hope Mills Stormw	20	20	20	20	20	100	0	0	200

## SUMMARY BY CATEGORY

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
(Dollars in thousands)										
WS 23	Utility Improvements for NCDOT Resurfacing and Stormw	10	10	10	10	10	50	0	0	100
WS 85	Utility Improvements for City of Fayetteville Storm Drain	600	735	190	190	520	750	798	150	3,933
WS 86	Utility Improvements for the Town of Hope Mills Stormw	20	20	20	20	20	100	0	0	200
WS 87	Utility Improvements for NCDOT Resurfacing and Stormw	10	10	10	10	10	50	0	0	100
<b>TOTAL MUNICIPAL UTILITY IMPROVEMENTS</b>		<b>2,460</b>	<b>2,595</b>	<b>895</b>	<b>895</b>	<b>1,125</b>	<b>2,825</b>	<b>2,194</b>	<b>900</b>	<b>13,889</b>
<b>NEW SERVICES(INCL TRANSFORMERS)-ELECTRIC</b>										
EL 1	Underground Distribution Infrastructure Installations - N	2,500	2,725	2,925	3,150	3,350	21,000	33,572	3,000	72,222
EL 2	Overhead Infrastructure Installation - New	75	75	75	75	75	375	2,929	77	3,756
EL 4	Padmount Transformers	5,000	5,000	5,000	5,000	5,000	25,000	21,103	13,000	84,103
EL 5	Overhead Transformers	1,500	1,500	1,500	1,500	1,500	7,500	8,007	3,500	26,507
EL 19	Fiber Optic Cable Line Extensions for Electric System Aut	350	350	250	250	250	1,250	8,840	340	11,880
<b>TOTAL NEW SERVICES(INCL XFRMRS)-ELECTRIC</b>		<b>9,425</b>	<b>9,650</b>	<b>9,750</b>	<b>9,975</b>	<b>10,175</b>	<b>55,125</b>	<b>74,451</b>	<b>19,918</b>	<b>198,469</b>
<b>NEW SERVICES-W/WW</b>										
WS 2	New Water Service Laterals and Water Main Extensions	700	722	744	766	789	4,316	14,589	800	23,426
WS 4	New Hydrant and Valve Installation	275	303	333	366	403	2,702	1,815	300	6,497
WS 48	New Sewer Service Laterals and Sewer Main Extensions	555	583	612	642	674	3,916	22,395	600	29,977
<b>TOTAL NEW SERVICES-W/WW</b>		<b>1,530</b>	<b>1,608</b>	<b>1,689</b>	<b>1,774</b>	<b>1,866</b>	<b>10,934</b>	<b>38,799</b>	<b>1,700</b>	<b>59,900</b>
<b>ANNEXATION</b>										
WS 6	Phase V Annexation - Water Main Extension	2,117	1,747	837	306	1,440	14,547	6,001	688	27,683
WS 58	Phase V Annexation	20,880	25,845	23,423	23,492	15,453	70,595	125,278	13,413	318,379
<b>TOTAL ANNEXATION</b>		<b>22,997</b>	<b>27,592</b>	<b>24,260</b>	<b>23,798</b>	<b>16,893</b>	<b>85,142</b>	<b>131,279</b>	<b>14,101</b>	<b>346,062</b>
<b>REHABILITATION/REPLACEMENTS-W/WW</b>										
WS 3	Water Lateral Renewals (PWC Forces)	790	882	926	973	1,022	5,939	13,269	700	24,501
WS 5	Water Distribution System Rehabilitation	5,285	5,435	5,985	4,735	7,107	28,013	70,415	3,500	130,475
WS 7	Replace Existing Water Mains not Encased Under Railroa	0	0	0	1,100	1,100	1,100	4,782	299	8,381
WS 11	Yadkin Road Water Main Replacement	0	0	0	270	295	4,585	0	0	5,150
WS 49	Sewer Lateral Renewals (PWC Forces)	808	828	849	870	892	4,839	13,223	850	23,159
WS 50	Sanitary Sewer Manhole Rehabilitation	2,500	2,500	3,000	2,500	3,000	17,500	20,725	1,250	52,975
WS 51	Sanitary Sewer Main Rehabilitation	9,423	7,850	7,850	8,350	7,350	41,250	76,366	2,700	161,139
WS 52	Lift Station Rehabilitation	600	600	750	750	750	2,350	2,711	300	8,811
WS 63	McFadyen Lake Sewer Main Rehabilitation	0	0	0	0	1,120	2,585	0	0	3,705
WS 64	Murchison Road Sewer Improvements, (Jasper St. to Mu	1,230	0	0	70	2,530	3,030	0	10	6,870
WS 65	Branson Creek Interceptor Replacement, Phase I	0	0	0	0	60	1,910	0	0	1,970
WS 66	Branson Creek Interceptor Replacement, Phase II	0	0	0	0	0	3,690	0	0	3,690
WS 79	Rehabilitation of the North Fayetteville 20-Inch Force Ma	0	0	150	390	1,560	0	0	0	2,100
<b>TOTAL REHABILITATION/REPLACEMENTS-W/WW</b>		<b>20,636</b>	<b>18,095</b>	<b>19,510</b>	<b>20,008</b>	<b>26,786</b>	<b>116,791</b>	<b>201,491</b>	<b>9,609</b>	<b>432,926</b>
<b>OUTFALL REHABILITATION/REPLACEMENT</b>										
WS 67	Replacement of the Cross Creek Outfall, Greensboro Stre	85	120	3,430	4,630	0	0	293	0	8,558
WS 68	Line 54" Outfall - Research Drive to I-95	4,720	8,820	2,920	0	0	0	170	660	17,290
WS 69	Line Beaver Creek Outfall, Phase II	0	0	0	50	5,850	0	0	0	5,900
WS 70	Line the Beaver Creek Outfall, Phase III	0	0	0	0	0	7,300	0	0	7,300
WS 71	Line 54" Outfall - I-95 to Claude Lee Road	0	0	50	6,650	0	0	0	0	6,700
WS 72	Line Beaver Creek Outfall, Phase IV	0	0	0	0	0	7,900	0	0	7,900
WS 73	Line 54-Inch Outfall, Claude Lee Road to Laurelwood Plac	0	0	0	0	70	9,770	0	0	9,840
WS 74	Line 54-Inch Outfall, Laurelwood Place to Special Forces	0	0	0	0	0	8,140	0	0	8,140
WS 76	Line 54-Inch Outfall, Special Forces to NC 87	0	0	0	0	0	2,440	0	0	2,440
<b>TOTAL OUTFALL REHABILITATION/REPLACEMENT</b>		<b>4,805</b>	<b>8,940</b>	<b>6,400</b>	<b>11,330</b>	<b>5,920</b>	<b>35,550</b>	<b>463</b>	<b>660</b>	<b>74,068</b>
<b>PLANT IMPROVEMENTS-W/WW</b>										
WS 15	GAC Facility for the Glenville Lake WTP	1,367	3,524	18,100	5,413	0	0	0	450	28,854
WS 16	GAC Facility for the PO Hoffer WTP	2,655	5,765	28,767	13,434	0	0	0	590	51,211
WS 17	PO Hoffer WTP / Glenville Lake WTP Reliability Improvem	12,470	8,731	0	0	0	0	272	3,700	25,173
WS 20	Replace Standby Power Generator at the PO Hoffer WTP	2,850	2,055	0	0	0	0	1	4	4,910
WS 80	Cross Creek WRF Reliability Improvements	270	740	10,340	8,440	0	0	0	0	19,790
WS 81	Cross Creek WRF Influent Pump Station and Pump Statio	9,205	8,374	0	0	0	0	532	300	18,411
WS 83	Replace Clarifier #3 Mechanism at the Rockfish Creek Wf	350	160	0	0	0	0	0	0	510
<b>TOTAL PLANT IMPROVEMENTS-W/WW</b>		<b>29,167</b>	<b>29,349</b>	<b>57,207</b>	<b>27,287</b>	<b>0</b>	<b>0</b>	<b>805</b>	<b>5,044</b>	<b>148,859</b>
<b>PLANT EXPANSION-W/WW</b>										
WS 18	PO Hoffer WTP Capacity Expansion, Phase 2	0	0	60	11,160	45,770	17,430	0	0	74,420
WS 19	PO Hoffer WTP Capacity Expansion, Phase 3 - Residuals	0	45	19,625	13,073	0	0	1,419	0	34,162
WS 82	Rockfish Creek WRF Expansion Phase 3	0	0	10,258	45,165	58,815	22,543	5,143	15	141,939
<b>TOTAL PLANT EXPANSION-W/WW</b>		<b>0</b>	<b>45</b>	<b>29,943</b>	<b>69,398</b>	<b>104,585</b>	<b>39,973</b>	<b>6,562</b>	<b>15</b>	<b>250,521</b>
<b>OTHER W/WW SYSTEM IMPROVEMENTS</b>										
WS 1	Land and Land Rights - Water	95	95	95	95	95	475	769	110	1,829
WS 14	Water Improvements to serve the 401 N. Industrial Site	390	1,560	0	0	0	0	44	248	2,242

## SUMMARY BY CATEGORY

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
(Dollars in thousands)										
WS 24	NC 59 Water Main Extension from Church St. to Parkton	0	0	0	2,235	2,235	1,410	0	0	5,880
WS 25	Replacement of Water Mains in Dams	0	0	0	0	0	3,370	0	0	3,370
WS 26	Extend 16-inch water main from Claude Lee Road to the	1,510	850	0	0	0	0	0	0	2,360
WS 27	Replacement of Water Service Lines	0	0	0	0	1,030	36,150	0	0	37,180
WS 28	Gray's Creek Water Main Extension	1,436	8,133	0	0	0	0	0	0	9,569
WS 47	Land and Land Rights - Sewer	5	5	5	5	5	25	0	10	60
WS 53	Lift Station Electrical Upgrades	0	0	200	515	1,510	8,620	0	0	10,845
WS 54	North Fayetteville Lift Station Upgrades - Phase 4	0	0	0	0	135	6,500	382	0	7,017
WS 55	Longview Lift Station and Force Main Upgrade	1,570	540	0	0	0	0	190	0	2,300
WS 56	Replace Lift Station #72 - Cypress Lakes #1	550	3,780	570	0	0	0	36	100	5,036
WS 57	DAK/DTF Lift Station Upgrades	0	0	230	1,480	3,730	0	0	0	5,440
WS 59	16-inch Aerial Crossing Replacement at Methodist Univer	1,075	780	0	0	0	0	0	0	1,855
WS 60	East Cole Street Sewer Aerial Crossing Replacement	0	0	0	0	0	1,472	0	0	1,472
WS 61	Lamon Street Aerial Sewer Replacement	0	0	565	25	3,965	2,155	0	0	6,710
WS 62	Replacement of Sewer Mains in Dams	0	0	0	0	0	5,230	0	0	5,230
WS 75	North Fayetteville Lift Station Upgrades - Phase 3	100	1,295	1,370	1,020	6,620	16,580	0	0	26,985
WS 77	Big Rockfish Sanitary Sewer Outfall	10,980	9,619	5,416	0	0	0	12,556	4,274	42,845
WS 78	Big Rockfish Sanitary Sewer Outfall - Lift Station Elimina	3,059	8,205	3,525	0	0	0	1,832	497	17,118
WS 84	Sanitary Sewer Improvements to serve the 401 N. Indus	655	2,580	1,580	0	0	0	62	185	5,062
<b>TOTAL OTHER W/WW SYSTEM IMPROVEMENTS</b>		<b>21,425</b>	<b>37,442</b>	<b>13,556</b>	<b>5,375</b>	<b>19,325</b>	<b>81,987</b>	<b>15,871</b>	<b>5,424</b>	<b>200,405</b>
<b>SYSTEM REINFORCEMENT</b>										
WS 8	Chicken Foot Road 16" Water Main Interconnect	0	0	1,840	0	0	0	210	0	2,050
WS 9	West Fayetteville Pressure Zone Improvements	0	818	768	35	13,518	7,308	108	90	22,645
WS 10	Cliffdale Road Transmission Water Main Improvements	2,490	0	0	0	0	0	338	545	3,373
WS 12	US HWY 401 North - Elevated Water Tank (Contract 3)	0	0	0	0	0	9,835	285	0	10,120
WS 13	High Pressure Zone Transmission Water Main Improvem	815	865	10,895	10,885	0	0	104	0	23,564
WS 29	Ramsey Street Water Transmission Main Improvements	1,180	4,085	14,000	3,479	0	0	0	220	22,964
WS 30	Ramsey Street Water Transmission Main Improvements	860	265	325	185	0	0	0	230	1,865
<b>TOTAL SYSTEM REINFORCEMENT</b>		<b>5,345</b>	<b>6,033</b>	<b>27,828</b>	<b>14,584</b>	<b>13,518</b>	<b>17,143</b>	<b>1,045</b>	<b>1,085</b>	<b>86,581</b>
<b>BUTLER WARNER GENERATION PLANT</b>										
EL 47	Gas Turbine #4 Generator Step Up Transformer Replacer	500	1,000	0	0	0	0	308	650	2,458
EL 48	Generator Step-Up Transformers - Cooler Replacement	900	900	0	0	0	0	0	400	2,200
EL 49	Solar Compliance Resource - Sally Hill 2 MW	4,675	0	0	0	0	0	184	1,500	6,359
EL 50	Solar Compliance Resource - Rockfish 4.8 MW	8,950	0	0	0	0	0	0	25	8,975
EL 51	Solar Compliance Resource - Carvers Falls 4.9 MW	325	8,725	0	0	0	0	10	15	9,075
EL 52	Solar Compliance Resource - Butler-Warner 4.95 MW	0	450	8,650	0	0	0	0	0	9,100
EL 53	Solar Compliance Resource - Site #5 5 MW	0	0	475	8,650	0	0	0	0	9,125
EL 54	Solar Compliance Resource - Site #6 5 MW	0	0	475	8,650	0	0	0	0	9,125
EL 55	Solar Compliance Resource - Site #7 5 MW	0	0	0	500	8,650	0	0	0	9,150
EL 67	Gas Turbine 6 Major Overhaul	3,500	0	0	0	0	0	0	0	3,500
EL 68	Gas Turbine 4 Major Overhaul	3,500	0	0	0	0	0	0	0	3,500
EL 69	Gas Turbine 5 Overhaul	0	3,500	0	0	0	0	0	0	3,500
EL 70	Cooling Tower Fill Replacement	150	600	0	0	0	0	0	0	750
EL 71	Gas Line Replacement	500	0	0	0	0	0	0	0	500
<b>TOTAL BUTLER WARNER GENERATION PLANT</b>		<b>23,000</b>	<b>15,175</b>	<b>9,600</b>	<b>17,800</b>	<b>8,650</b>	<b>0</b>	<b>502</b>	<b>2,590</b>	<b>77,317</b>
<b>SUBSTATIONS</b>										
EL 9	UG Feeder Exit Replacement Substations	375	425	475	525	575	3,125	1,660	200	7,360
EL 10	FTI 66 -12 kV Substation and Campus Feeder UG Cable	1,250	950	0	0	0	0	0	0	2,200
EL 23	Hogan Street - Amazon Substation 66 kV Transmission	0	500	2,350	2,150	0	0	0	0	5,000
EL 24	Distribution Substation Equipment Replacement	150	150	150	150	150	750	1,995	110	3,605
EL 26	T/D Substation Control Building Replacement	500	500	500	500	0	0	222	475	2,697
EL 27	T/D Substation Protection and Control System Upgrade	500	500	500	500	0	0	0	425	2,425
EL 30	T/D Substation Antiballistic Fencing	0	0	0	0	300	0	0	25	325
EL 31	Delivery Point Antiballistic Fencing	0	0	0	0	500	0	0	50	550
EL 32	Distribution Substation 66-12 kV Power Transformer	2,000	2,000	2,400	2,400	2,400	2,400	2,457	1,500	17,557
EL 33	230-67kV Auto-Transformer	0	3,800	0	0	0	0	275	2,700	6,775
EL 34	Cumberland Road 66 -12 kV Substation Rebuild	3,650	0	0	0	0	0	345	1,650	5,645
EL 35	PO Hoffer 66-12 kV Substation Rebuild	3,250	1,250	0	0	0	0	1,422	1,500	7,422
EL 36	Railroad Street 66-12 kV Substation Rebuild	1,600	3,700	0	0	0	0	0	0	5,300
EL 37	Amazon 66-12 kV Substation	0	500	100	2,050	3,350	0	0	0	6,000
EL 38	POD IV 230-66 kV Substation	0	0	0	0	125	17,550	1,708	0	19,383
EL 39	POD V 230-66 kV Substation	0	0	0	0	0	28,000	0	0	28,000
<b>TOTAL SUBSTATIONS</b>		<b>13,275</b>	<b>14,275</b>	<b>6,475</b>	<b>8,275</b>	<b>7,400</b>	<b>51,825</b>	<b>10,084</b>	<b>8,635</b>	<b>120,244</b>
<b>LIGHTING</b>										
EL 3	LED Area Lights - New Installations	400	500	600	650	700	3,500	6,116	550	13,016
EL 15	Thoroughfare LED Lighting - New Installations	500	500	500	500	500	2,500	1,139	200	6,339
EL 16	Thoroughfare LED Roadway Lighting-Conversion	50	0	0	0	0	0	4,907	100	5,057
EL 56	Bragg Boulevard Gateway Improvement - Phase II	0	0	0	0	0	3,000	0	0	3,000
<b>TOTAL LIGHTING</b>		<b>950</b>	<b>1,000</b>	<b>1,100</b>	<b>1,150</b>	<b>1,200</b>	<b>9,000</b>	<b>12,162</b>	<b>850</b>	<b>27,412</b>

## SUMMARY BY CATEGORY

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
<b>(Dollars in thousands)</b>										
<b>ELECTRIC SYSTEM IMPROVEMENTS</b>										
EL 6	Underground Infrastructure Replacement - Residential	2,250	2,450	2,650	2,850	3,050	21,250	22,947	2,900	60,347
EL 7	Underground Infrastructure Replacement - Non Resident	750	900	1,100	1,300	1,400	7,500	6,263	900	20,113
EL 8	Underground Distribution Infrastructure Replacements (N	650	650	650	650	650	3,250	9,146	635	16,281
EL 11	Overhead Distribution System Circuit Improvements	200	200	200	200	200	1,000	5,823	125	7,948
EL 12	Distribution System Sectionalizing	250	300	400	500	500	2,500	888	75	5,413
EL 13	Overhead Infrastructure Improvements	500	600	600	600	600	3,000	15,874	1,150	22,924
EL 14	Foreign Attachment Make-Ready & Clearance	500	550	0	0	0	0	1,347	1,250	3,647
EL 17	Conservation Load Reduction (CVR)	250	250	250	0	0	0	1,320	100	2,170
EL 18	System Reactive Power Compensation	250	125	125	0	0	0	4,040	210	4,750
EL 20	SONET Communications for Smart Grid	50	50	50	50	50	250	641	57	1,198
EL 21	Distribution Automation	300	450	600	750	900	3,750	500	350	7,600
EL 22	Sub-Transmission Pole Replacement	1,750	2,250	2,000	2,000	2,000	10,000	14,566	1,800	36,366
EL 25	Distribution Circuit Breaker Replacement	600	0	0	0	0	0	0	405	1,005
EL 28	T/D Sub 66 kV Power Transformer Protection Equipment	500	500	500	500	500	0	1,878	438	4,816
EL 29	POD I 230 kV Switch Replacement	350	0	0	0	0	0	6	350	706
EL 40	ROW Additions Distribution	150	150	150	150	150	750	78	25	1,603
EL 41	ROW Additions Transmission - Asset Protection	350	350	350	350	350	1,750	0	150	3,650
EL 46	T/D SCADA System Replacement	725	0	0	0	0	0	0	25	750
<b>TOTAL ELECTRIC SYSTEM IMPROVEMENTS</b>		<b>10,375</b>	<b>9,775</b>	<b>9,625</b>	<b>9,900</b>	<b>10,350</b>	<b>55,000</b>	<b>85,317</b>	<b>10,945</b>	<b>201,287</b>
<b>TOTAL ALL PROJECTS</b>		<b>202,888</b>	<b>222,997</b>	<b>284,348</b>	<b>249,276</b>	<b>279,032</b>	<b>720,851</b>	<b>617,082</b>	<b>92,192</b>	<b>2,668,666</b>



## SUMMARY BY FUNDING SOURCE

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
<i>(Dollars in thousands)</i>										
<b>CUSTOMER CARE</b>										
CD 1	Electric Meters and Metering Equipment	355	370	388	408	431	20,800	6,724	378	29,854
	<b>ELECTRIC FUND</b>	<b>355</b>	<b>370</b>	<b>388</b>	<b>408</b>	<b>431</b>	<b>20,800</b>	<b>6,724</b>	<b>378</b>	<b>29,854</b>
CD 2	Water Meters	1,437	1,162	826	866	898	32,980	21,044	595	59,808
	<b>WATER/SEWER FUND</b>	<b>1,437</b>	<b>1,162</b>	<b>826</b>	<b>866</b>	<b>898</b>	<b>32,980</b>	<b>21,044</b>	<b>595</b>	<b>59,808</b>
	<b>TOTAL CUSTOMER CARE</b>	<b>1,792</b>	<b>1,532</b>	<b>1,214</b>	<b>1,274</b>	<b>1,329</b>	<b>53,780</b>	<b>27,768</b>	<b>973</b>	<b>89,662</b>
<b>ADMINISTRATIVE</b>										
AD 1	Robert C. Williams Business Center Upfit	200	120	400	300	250	0	1,173	0	2,443
AD 2	Multipurpose Building	0	0	300	8,910	1,140	0	0	0	10,350
AD 3	Space Planning and Utilization Project	140	3,100	1,120	2,100	1,100	0	248	300	8,108
AD 4	Roof Replacement for the Apparatus Repair Shop	325	0	0	0	0	0	0	0	325
AD 5	Renovation of the Customer Service Center	1,500	0	0	0	0	0	0	0	1,500
	<b>ELECTRIC FUND</b>	<b>2,165</b>	<b>3,220</b>	<b>1,820</b>	<b>11,310</b>	<b>2,490</b>	<b>0</b>	<b>1,421</b>	<b>300</b>	<b>22,726</b>
	<b>TOTAL ADMINISTRATIVE</b>	<b>2,165</b>	<b>3,220</b>	<b>1,820</b>	<b>11,310</b>	<b>2,490</b>	<b>0</b>	<b>1,421</b>	<b>300</b>	<b>22,726</b>
<b>INFORMATION TECHNOLOGY</b>										
IT 1	CIS Saas Implementation	0	0	1,250	0	0	0	0	0	1,250
	<b>ELECTRIC FUND</b>	<b>0</b>	<b>0</b>	<b>1,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,250</b>
IT 1	CIS Saas Implementation	0	0	1,250	0	0	0	0	0	1,250
	<b>WATER/SEWER FUND</b>	<b>0</b>	<b>0</b>	<b>1,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,250</b>
	<b>TOTAL INFORMATION TECHNOLOGY</b>	<b>0</b>	<b>0</b>	<b>2,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500</b>
<b>FINANCE</b>										
FN 1	EBS & Hyperion Cloud Upgrade	3,091	612	0	0	0	0	0	100	3,802
	<b>ELECTRIC FUND</b>	<b>3,091</b>	<b>612</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>3,802</b>
FN 1	EBS & Hyperion Cloud Upgrade	3,091	612	0	0	0	0	0	100	3,802
	<b>WATER/SEWER FUND</b>	<b>3,091</b>	<b>612</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>3,802</b>
	<b>TOTAL FINANCE</b>	<b>6,181</b>	<b>1,223</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>7,604</b>
<b>WATER RESOURCES</b>										
WS 1	Land and Land Rights - Water	95	95	95	95	95	475	769	110	1,829
WS 2	New Water Service Laterals and Water Main Extensions	700	722	744	766	789	4,316	14,589	800	23,426
WS 3	Water Lateral Renewals (PWC Forces)	790	882	926	973	1,022	5,939	13,269	700	24,501
WS 4	New Hydrant and Valve Installation	275	303	333	366	403	2,702	1,815	300	6,497
WS 7	Replace Existing Water Mains not Encased Under Railroad Crc	0	0	0	1,100	1,100	1,100	4,782	299	8,381
WS 9	West Fayetteville Pressure Zone Improvements	0	818	768	35	1,018	558	108	90	3,395
WS 11	Yadkin Road Water Main Replacement	0	0	0	270	295	4,585	0	0	5,150
WS 13	High Pressure Zone Transmission Water Main Improvements	815	865	825	815	0	0	104	0	3,424
WS 14	Water Improvements to serve the 401 N. Industrial Site	390	1,560	0	0	0	0	44	248	2,242
WS 17	PO Hoffer WTP / Glenville Lake WTP Reliability Improvements	10	10	0	0	0	0	272	3,700	3,992
WS 21	Utility Improvements for City of Fayetteville Storm Drainage I	1,800	1,800	645	645	545	1,775	1,396	750	9,356
WS 22	Utility Improvements for the Town of Hope Mills Stormwater I	20	20	20	20	20	100	0	0	200
WS 23	Utility Improvements for NCDOT Resurfacing and Stormwater	10	10	10	10	10	50	0	0	100
WS 24	NC 59 Water Main Extension from Church St. to Parkton Rd.	0	0	0	2,235	2,235	1,410	0	0	5,880
WS 25	Replacement of Water Mains in Dams	0	0	0	0	0	3,370	0	0	3,370
WS 26	Extend 16-inch water main from Claude Lee Road to the east	1,510	850	0	0	0	0	0	0	2,360
WS 27	Replacement of Water Service Lines	0	0	0	0	1,030	36,150	0	0	37,180
WS 28	Gray's Creek Water Main Extension	20	20	0	0	0	0	0	0	40
WS 29	Ramsey Street Water Transmission Main Improvements Phas	1,180	4,085	14,000	3,479	0	0	0	220	22,964
WS 30	Ramsey Street Water Transmission Main Improvements Phas	860	265	325	185	0	0	0	230	1,865
WS 31	NCDOT U-6001 NC 59 Widening, Parkton Road to US 301 - W	0	0	0	112	158	148	0	0	418
WS 32	NCDOT U-4405 Raeferd Rd Median Improv Hampton Oaks Dr	230	335	360	235	190	45	2,501	3,720	7,616
WS 33	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC16	518	443	75	155	10	0	0	200	1,401
WS 34	NCDOT U-2519B A/BB Fayetteville Outer Loop from South of	15	0	0	0	0	0	15	0	30
WS 35	NCDOT W-5806(C) Rosehill Rd. Intersection Improvements a	47	0	0	0	0	0	43	895	985
WS 36	NCDOT U-4900 Murchison Road Widening - Water	705	175	60	0	0	0	400	685	2,025
WS 37	NCDOT U-5101(A) Shaw Rd to Stacey Weaver Dr Widening -	272	235	610	530	155	60	3	85	1,950
WS 38	NCDOT U-5798(A) - Gillis Hill Rd Widening - Water	45	0	0	0	0	0	283	45	373
WS 39	NCDOT U-5798(B) - Gillis Hill Road Widening - Water	200	55	55	0	0	0	123	270	703
WS 40	NCDOT U-3422 Camden Rd Widening - Water	270	70	0	0	0	0	788	655	1,783
WS 41	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Wat	50	65	0	0	0	0	147	50	312
WS 42	NCDOT U-4403(B) Ramsey Street Widening - Water	0	0	25	375	525	590	188	40	1,743
WS 43	NCDOT U-4403(C) Ramsey Street Widening - Water	320	530	630	720	420	170	51	40	2,881
WS 44	NCDOT BP6R006 New Culvert Over Branson Creek On Raefer	465	0	0	0	0	0	37	50	552
WS 45	NCDOT U-4404 Cliffdale Road Widening - Water	0	0	110	210	30	180	0	0	530

## SUMMARY BY FUNDING SOURCE

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
<i>(Dollars in thousands)</i>										
WS 46	NCDOT U-4414 All-American Freeway widening from Owen D	0	105	105	105	105	265	0	0	685
WS 47	Land and Land Rights - Sewer	5	5	5	5	5	25	0	10	60
WS 48	New Sewer Service Laterals and Sewer Main Extensions	555	583	612	642	674	3,916	22,395	600	29,977
WS 49	Sewer Lateral Renewals (PWC Forces)	808	828	849	870	892	4,839	13,223	850	23,159
WS 50	Sanitary Sewer Manhole Rehabilitation	2,500	2,500	3,000	2,500	3,000	17,500	20,725	1,250	52,975
WS 52	Lift Station Rehabilitation	600	600	750	750	750	2,350	2,711	300	8,811
WS 53	Lift Station Electrical Upgrades	0	0	200	515	1,510	8,620	0	0	10,845
WS 54	North Fayetteville Lift Station Upgrades - Phase 4	0	0	0	0	135	6,500	382	0	7,017
WS 56	Replace Lift Station #72 - Cypress Lakes #1	550	3,780	570	0	0	0	36	100	5,036
WS 57	DAK/DTF Lift Station Upgrades	0	0	230	1,480	3,730	0	0	0	5,440
WS 59	16-inch Aerial Crossing Replacement at Methodist University	1,075	780	0	0	0	0	0	0	1,855
WS 60	East Cole Street Sewer Aerial Crossing Replacement	0	0	0	0	0	1,472	0	0	1,472
WS 61	Lamon Street Aerial Sewer Replacement	0	0	565	25	3,965	2,155	0	0	6,710
WS 62	Replacement of Sewer Mains in Dams	0	0	0	0	0	5,230	0	0	5,230
WS 63	McFadyen Lake Sewer Main Rehabilitation	0	0	0	0	1,120	2,585	0	0	3,705
WS 64	Murchison Road Sewer Improvements, (Jasper St. to Murchis	1,230	0	0	70	2,530	3,030	0	10	6,870
WS 65	Branson Creek Interceptor Replacement, Phase I	0	0	0	0	60	1,910	0	0	1,970
WS 66	Branson Creek Interceptor Replacement, Phase II	0	0	0	0	0	3,690	0	0	3,690
WS 69	Line Beaver Creek Outfall, Phase II	0	0	0	50	5,850	0	0	0	5,900
WS 70	Line the Beaver Creek Outfall, Phase III	0	0	0	0	0	7,300	0	0	7,300
WS 72	Line Beaver Creek Outfall, Phase IV	0	0	0	0	0	7,900	0	0	7,900
WS 73	Line 54-Inch Outfall, Claude Lee Road to Laurelwood Place	0	0	0	0	70	9,770	0	0	9,840
WS 74	Line 54-Inch Outfall, Laurelwood Place to Special Forces	0	0	0	0	0	8,140	0	0	8,140
WS 75	North Fayetteville Lift Station Upgrades - Phase 3	100	1,295	1,370	1,020	6,620	16,580	0	0	26,985
WS 76	Line 54-Inch Outfall, Special Forces to NC 87	0	0	0	0	0	2,440	0	0	2,440
WS 77	Big Rockfish Sanitary Sewer Outfall	180	263	165	0	0	0	12,556	4,274	17,438
WS 78	Big Rockfish Sanitary Sewer Outfall - Lift Station Eliminations	59	152	59	0	0	0	1,832	497	2,599
WS 79	Rehabilitation of the North Fayetteville 20-Inch Force Main	0	0	150	390	1,560	0	0	0	2,100
WS 80	Cross Creek WRF Reliability Improvements	270	15	15	15	0	0	0	0	315
WS 83	Replace Clarifier #3 Mechanism at the Rockfish Creek WRF	350	160	0	0	0	0	0	0	510
WS 84	Sanitary Sewer Improvements to serve the 401 N. Industrial	655	2,580	1,580	0	0	0	62	185	5,062
WS 85	Utility Improvements for City of Fayetteville Storm Drainage I	600	735	190	190	520	750	798	150	3,933
WS 86	Utility Improvements for the Town of Hope Mills Stormwater I	20	20	20	20	20	100	0	0	200
WS 87	Utility Improvements for NCDOT Resurfacing and Stormwater	10	10	10	10	10	50	0	0	100
WS 88	NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Dr	90	115	140	100	90	20	496	77	1,128
WS 89	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC16	105	90	75	50	25	0	0	85	430
WS 90	NCDOT U-2519B A/BB Fayetteville Outer Loop from South of	5	0	0	0	0	0	14	0	19
WS 91	NCDOT U-4900 Murchison Road Widening - Sewer	235	45	20	0	0	0	246	210	756
WS 92	NCDOT U-5101(A) Shaw Rd Widening - Sewer	65	95	206	156	45	38	2	143	750
WS 93	NCDOT U-5798(A) - Gillis Hill Rd Widening - Sewer	16	0	0	0	0	0	119	55	190
WS 94	NCDOT U-3422 Camden Rd Widening - Sewer	70	20	0	0	0	0	113	75	278
WS 95	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Sew	16	10	0	0	0	0	32	15	73
WS 96	NCDOT U-4403(B) Ramsey Street Widening - Sewer	0	0	15	215	215	175	547	8	1,175
WS 97	NCDOT U-4403(C) Ramsey Street Widening - Sewer	220	270	80	220	170	80	10	25	1,075
WS 98	NCDOT U-4404 Cliffdale Road Widening - Sewer	0	0	55	80	80	95	0	0	310
WS 99	NCDOT U-4414 All-American Freeway widening from Owen D	0	30	30	30	30	90	0	0	210
<b>WATER/SEWER FUND</b>		<b>22,001</b>	<b>29,299</b>	<b>31,682</b>	<b>22,839</b>	<b>43,831</b>	<b>181,338</b>	<b>118,026</b>	<b>23,101</b>	<b>472,117</b>
WS 32	NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Dr	0	0	3,050	0	4,015	0	0	0	7,065
WS 88	NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Dr	0	0	160	0	4,525	0	0	0	4,685
<b>PARTICIPATION (INCLUDED IN W/SS FUND)</b>		<b>0</b>	<b>0</b>	<b>3,210</b>	<b>0</b>	<b>8,540</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,750</b>
<b>TOTAL WATER/SEWER FUND</b>		<b>22,001</b>	<b>29,299</b>	<b>34,892</b>	<b>22,839</b>	<b>52,371</b>	<b>181,338</b>	<b>118,026</b>	<b>23,101</b>	<b>483,867</b>
WS 17	PO Hoffer WTP / Glenville Lake WTP Reliability Improvements	11,458	0	0	0	0	0	0	0	11,458
WS 77	Big Rockfish Sanitary Sewer Outfall	10,800	4,052	0	0	0	0	0	0	14,852
WS 78	Big Rockfish Sanitary Sewer Outfall - Lift Station Eliminations	3,000	8,053	3,466	0	0	0	0	0	14,519
WS 80	Cross Creek WRF Reliability Improvements	0	725	10,325	4,419	0	0	0	0	15,469
<b>NC STATE LOAN FUND</b>		<b>25,258</b>	<b>12,830</b>	<b>13,791</b>	<b>4,419</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56,298</b>
WS 31	NCDOT U-6001 NC 59 Widening, Parkton Road to US 301 - W	0	0	0	0	0	3,200	0	0	3,200
WS 32	NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Dr	0	0	7,250	0	9,500	0	0	0	16,750
WS 33	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC16	0	0	0	0	7,032	0	0	0	7,032
WS 34	NCDOT U-2519B A/BB Fayetteville Outer Loop from South of	5,209	0	0	0	0	0	0	0	5,209
WS 35	NCDOT W-5806(C) Rosehill Rd. Intersection Improvements a	1,287	0	0	0	0	0	0	0	1,287
WS 36	NCDOT U-4900 Murchison Road Widening - Water	0	0	15,400	0	0	0	0	0	15,400
WS 37	NCDOT U-5101(A) Shaw Rd to Stacey Weaver Dr Widening -	0	0	0	0	0	11,270	0	0	11,270
WS 38	NCDOT U-5798(A) - Gillis Hill Rd Widening - Water	3,700	0	0	0	0	0	0	0	3,700
WS 39	NCDOT U-5798(B) - Gillis Hill Road Widening - Water	0	0	2,400	0	0	0	0	0	2,400
WS 40	NCDOT U-3422 Camden Rd Widening - Water	0	22,800	0	0	0	0	0	0	22,800
WS 41	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Wat	0	5,400	0	0	0	0	0	0	5,400
WS 42	NCDOT U-4403(B) Ramsey Street Widening - Water	0	0	0	0	0	9,800	0	0	9,800
WS 43	NCDOT U-4403(C) Ramsey Street Widening - Water	0	0	0	0	0	35,000	0	0	35,000
WS 44	NCDOT BP6R006 New Culvert Over Branson Creek On Raeford	0	0	0	0	0	0	0	0	0
WS 45	NCDOT U-4404 Cliffdale Road Widening - Water	0	0	0	0	0	5,000	0	0	5,000
WS 88	NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Dr	0	0	390	0	10,900	0	0	0	11,290
WS 89	NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC16	0	0	0	0	1,750	0	0	0	1,750

## SUMMARY BY FUNDING SOURCE

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
<i>(Dollars in thousands)</i>										
WS 90	NCDOT U-2519B A/BB Fayetteville Outer Loop from South of	40	0	0	0	0	0	0	0	40
WS 91	NCDOT U-4900 Murchison Road Widening - Sewer	0	0	5,750	0	0	0	0	0	5,750
WS 92	NCDOT U-5101(A) Shaw Rd Widening - Sewer	0	0	0	0	0	2,700	0	0	2,700
WS 93	NCDOT U-5798(A) - Gillis Hill Rd Widening - Sewer	790	0	0	0	0	0	0	0	790
WS 94	NCDOT U-3422 Camden Rd Widening - Sewer	0	1,300	0	0	0	0	0	0	1,300
WS 95	NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Sew	0	860	0	0	0	0	0	0	860
WS 96	NCDOT U-4403(B) Ramsey Street Widening - Sewer	0	0	0	0	0	6,500	0	0	6,500
WS 97	NCDOT U-4403(C) Ramsey Street Widening - Sewer	0	0	0	0	0	4,000	0	0	4,000
WS 98	NCDOT U-4404 Cliffdale Road Widening - Sewer	0	0	0	0	0	2,000	0	0	2,000
<b>NC DOT RESERVE-W/WW</b>		<b>11,026</b>	<b>30,360</b>	<b>31,190</b>	<b>0</b>	<b>29,182</b>	<b>79,470</b>	<b>0</b>	<b>0</b>	<b>181,228</b>
WS 6	Phase V Annexation - Water Main Extension	2,117	1,747	837	306	1,440	14,547	6,001	688	27,683
WS 58	Phase V Annexation	20,880	25,845	23,423	23,492	15,453	70,595	125,278	13,413	318,379
<b>ANNEX V RESERVE</b>		<b>22,997</b>	<b>27,592</b>	<b>24,260</b>	<b>23,798</b>	<b>16,893</b>	<b>85,142</b>	<b>131,279</b>	<b>14,101</b>	<b>346,062</b>
WS 5	Water Distribution System Rehabilitation	5,285	5,435	5,985	4,735	7,107	28,013	70,415	3,500	130,475
WS 8	Chicken Foot Road 16" Water Main Interconnect	0	0	1,840	0	0	0	210	0	2,050
WS 9	West Fayetteville Pressure Zone Improvements	0	0	0	0	12,500	6,750	0	0	19,250
WS 10	Cliffdale Road Transmission Water Main Improvements	2,490	0	0	0	0	0	338	545	3,373
WS 12	US HWY 401 North - Elevated Water Tank (Contract 3)	0	0	0	0	0	9,835	285	0	10,120
WS 13	High Pressure Zone Transmission Water Main Improvements	0	0	10,070	10,070	0	0	0	0	20,140
WS 15	GAC Facility for the Glenville Lake WTP	1,367	3,524	18,100	5,413	0	0	0	450	28,854
WS 16	GAC Facility for the PO Hoffer WTP	2,655	5,765	28,767	13,434	0	0	0	590	51,211
WS 17	PO Hoffer WTP / Glenville Lake WTP Reliability Improvements	1,002	8,721	0	0	0	0	0	0	9,723
WS 18	PO Hoffer WTP Capacity Expansion, Phase 2	0	0	60	11,160	45,770	17,430	0	0	74,420
WS 19	PO Hoffer WTP Capacity Expansion, Phase 3 - Residuals Facil	0	45	19,625	13,073	0	0	1,419	0	34,162
WS 20	Replace Standby Power Generator at the PO Hoffer WTP	2,850	2,055	0	0	0	0	1	4	4,910
WS 51	Sanitary Sewer Main Rehabilitation	4,450	7,850	7,850	8,350	7,350	41,250	76,366	2,700	156,166
WS 55	Longview Lift Station and Force Main Upgrade	1,570	540	0	0	0	0	190	0	2,300
WS 67	Replacement of the Cross Creek Outfall, Greensboro Street to	85	120	3,430	4,630	0	0	293	0	8,558
WS 68	Line 54" Outfall - Research Drive to I-95	4,720	8,820	2,920	0	0	0	170	660	17,290
WS 71	Line 54" Outfall - I-95 to Claude Lee Road	0	0	50	6,650	0	0	0	0	6,700
WS 77	Big Rockfish Sanitary Sewer Outfall	0	5,304	5,251	0	0	0	0	0	10,555
WS 80	Cross Creek WRF Reliability Improvements	0	0	0	4,006	0	0	0	0	4,006
WS 81	Cross Creek WRF Influent Pump Station and Pump Station #3	9,205	8,374	0	0	0	0	532	300	18,411
WS 82	Rockfish Creek WRF Expansion Phase 3	0	0	10,258	45,165	58,815	22,543	5,143	15	141,939
<b>BONDS</b>		<b>35,679</b>	<b>56,553</b>	<b>114,206</b>	<b>126,686</b>	<b>131,542</b>	<b>125,821</b>	<b>155,362</b>	<b>8,764</b>	<b>754,613</b>
WS 28	Gray's Creek Water Main Extension	1,416	8,113	0	0	0	0	0	0	9,529
WS 51	Sanitary Sewer Main Rehabilitation	4,973	0	0	0	0	0	0	0	4,973
<b>GRANTS</b>		<b>6,389</b>	<b>8,113</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,502</b>
<b>TOTAL OTHER FUNDS</b>		<b>101,349</b>	<b>135,448</b>	<b>183,447</b>	<b>154,903</b>	<b>177,617</b>	<b>290,433</b>	<b>286,641</b>	<b>22,865</b>	<b>1,352,703</b>
<b>TOTAL WATER RESOURCES</b>		<b>123,350</b>	<b>164,747</b>	<b>218,339</b>	<b>177,742</b>	<b>229,988</b>	<b>471,771</b>	<b>404,667</b>	<b>45,966</b>	<b>1,836,570</b>
<b>ELECTRIC SYSTEMS</b>										
EL 1	Underground Distribution Infrastructure Installations - New	2,500	2,725	2,925	3,150	3,350	21,000	33,572	3,000	72,222
EL 2	Overhead Infrastructure Installation - New	75	75	75	75	75	375	2,929	77	3,756
EL 3	LED Area Lights - New Installations	400	500	600	650	700	3,500	6,116	550	13,016
EL 6	Underground Infrastructure Replacement - Residential	2,250	2,450	2,650	2,850	3,050	21,250	22,947	2,900	60,347
EL 7	Underground Infrastructure Replacement - Non Residential	750	900	1,100	1,300	1,400	7,500	6,263	900	20,113
EL 8	Underground Distribution Infrastructure Replacements (Non-)	650	650	650	650	650	3,250	9,146	635	16,281
EL 9	UG Feeder Exit Replacement Substations	375	425	475	525	575	3,125	1,660	200	7,360
EL 10	FTI 66 -12 kV Substation and Campus Feeder UG Cable Repl	1,250	950	0	0	0	0	0	0	2,200
EL 11	Overhead Distribution System Circuit Improvements	200	200	200	200	200	1,000	5,823	125	7,948
EL 12	Distribution System Sectionalizing	250	300	400	500	500	2,500	888	75	5,413
EL 13	Overhead Infrastructure Improvements	500	600	600	600	600	3,000	15,874	1,150	22,924
EL 14	Foreign Attachment Make-Ready & Clearance	500	550	0	0	0	0	1,347	1,250	3,647
EL 15	Thoroughfare LED Lighting - New Installations	500	500	500	500	500	2,500	1,139	200	6,339
EL 17	Conservation Load Reduction (CVR)	250	250	250	0	0	0	1,320	100	2,170
EL 18	System Reactive Power Compensation	250	125	125	0	0	0	4,040	210	4,750
EL 19	Fiber Optic Cable Line Extensions for Electric System Automa	350	350	250	250	250	1,250	8,840	340	11,880
EL 20	SONET Communications for Smart Grid	50	50	50	50	50	250	641	57	1,198
EL 21	Distribution Automation	300	450	600	750	900	3,750	500	350	7,600
EL 22	Sub-Transmission Pole Replacement	1,750	2,250	2,000	2,000	2,000	10,000	14,566	1,800	36,366
EL 23	Hogan Street - Amazon Substation 66 kV Transmission	0	500	2,350	2,150	0	0	0	0	5,000
EL 24	Distribution Substation Equipment Replacement	150	150	150	150	150	750	1,995	110	3,605
EL 25	Distribution Circuit Breaker Replacement	600	0	0	0	0	0	0	405	1,005
EL 26	T/D Substation Control Building Replacement	500	500	500	500	0	0	222	475	2,697
EL 27	T/D Substation Protection and Control System Upgrade	500	500	500	500	0	0	0	425	2,425
EL 28	T/D Sub 66 kV Power Transformer Protection Equipment Upg	500	500	500	500	500	0	1,878	438	4,816
EL 29	POD I 230 kV Switch Replacement	350	0	0	0	0	0	6	350	706
EL 30	T/D Substation Antiballistic Fencing	0	0	0	0	300	0	0	25	325
EL 31	Delivery Point Antiballistic Fencing	0	0	0	0	500	0	0	50	550
EL 40	ROW Additions Distribution	150	150	150	150	150	750	78	25	1,603

## SUMMARY BY FUNDING SOURCE

REF #	PROJECT NAME	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 30-34	PRE-FY 2024	FY 2024 EST.	TOTAL COST
<i>(Dollars in thousands)</i>										
EL 41	ROW Additions Transmission - Asset Protection	350	350	350	350	350	1,750	0	150	3,650
EL 42	Downtown UG Infrastructure Reliability Improvements	1,500	1,500	650	0	0	0	382	1,200	5,232
EL 43	Underground Distribution / Streetscape Improvement	50	50	50	50	50	250	0	0	500
EL 44	CoF Person St 300 - 600 Block Streetscape Improvement	0	0	0	0	0	2,750	0	0	2,750
EL 45	DMS Software and Implementation	625	600	525	0	0	0	278	415	2,443
EL 46	T/D SCADA System Replacement	725	0	0	0	0	0	0	25	750
EL 47	Gas Turbine #4 Generator Step Up Transformer Replacement	500	1,000	0	0	0	0	308	650	2,458
EL 48	Generator Step-Up Transformers - Cooler Replacement	900	900	0	0	0	0	0	400	2,200
EL 56	Bragg Boulevard Gateway Improvement - Phase II	0	0	0	0	0	3,000	0	0	3,000
EL 67	Gas Turbine 6 Major Overhaul	3,500	0	0	0	0	0	0	0	3,500
EL 68	Gas Turbine 4 Major Overhaul	3,500	0	0	0	0	0	0	0	3,500
EL 69	Gas Turbine 5 Overhaul	0	3,500	0	0	0	0	0	0	3,500
EL 70	Cooling Tower Fill Replacement	150	600	0	0	0	0	0	0	750
EL 71	Gas Line Replacement	500	0	0	0	0	0	0	0	500
<b>ELECTRIC FUND</b>		<b>28,200</b>	<b>25,100</b>	<b>19,175</b>	<b>18,400</b>	<b>16,800</b>	<b>93,500</b>	<b>142,758</b>	<b>19,062</b>	<b>362,995</b>
EL 16	Thoroughfare LED Roadway Lighting-Conversion	50	0	0	0	0	0	4,907	100	5,057
<b>REPS (INCLUDED IN ELECTRIC FUND)</b>		<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,907</b>	<b>100</b>	<b>5,057</b>
EL 57	NCDOT U-4900 Murchison Road Widening	10,200	100	0	0	0	0	50	200	10,550
EL 58	NCDOT U-4403B Ramsey Street Widening	0	0	0	0	5,450	1,600	0	0	7,050
EL 59	NCDOT U-4403C Ramsey Street Widening US 401 Bypass to :	0	150	22,150	7,150	0	0	0	0	29,450
EL 60	NCDOT U-6133 Cliffdale Road / Skibo Road Intersection Impr	0	0	100	1,750	100	0	0	0	1,950
EL 61	NCDOT U-4404 Cliffdale Road Widening	0	0	450	2,900	1,850	0	0	0	5,200
EL 62	NCDOT U-5101 Stacey Weaver Drive Widening	0	0	0	0	0	7,875	0	0	7,875
EL 63	NCDOT U-6209 Cliffdale Road Widening	0	0	0	0	0	4,050	0	0	4,050
EL 64	NCDOT U-6213 Ireland Drive Widening	0	0	0	0	0	3,375	0	0	3,375
EL 65	NCDOT U-5015 Murchison Road Improvement	0	0	0	0	0	2,100	0	0	2,100
EL 66	NCDOT U-6152 Robeson Street Access Management	0	0	0	0	0	2,350	0	0	2,350
<b>PARTICIPATION (INCLUDED IN ELECTRIC FUND)</b>		<b>10,200</b>	<b>250</b>	<b>22,700</b>	<b>11,800</b>	<b>7,400</b>	<b>21,350</b>	<b>50</b>	<b>200</b>	<b>73,950</b>
<b>TOTAL ELECTRIC FUND</b>		<b>38,450</b>	<b>25,350</b>	<b>41,875</b>	<b>30,200</b>	<b>24,200</b>	<b>114,850</b>	<b>147,715</b>	<b>19,362</b>	<b>442,002</b>
EL 4	Padmount Transformers	5,000	5,000	5,000	5,000	5,000	25,000	21,103	13,000	84,103
EL 5	Overhead Transformers	1,500	1,500	1,500	1,500	1,500	7,500	8,007	3,500	26,507
EL 33	230-67kV Auto-Transformer	0	3,800	0	0	0	0	275	2,700	6,775
EL 34	Cumberland Road 66 -12 kV Substation Rebuild	3,650	0	0	0	0	0	345	1,650	5,645
EL 35	PO Hoffer 66-12 kV Substation Rebuild	3,250	1,250	0	0	0	0	1,422	1,500	7,422
EL 36	Railroad Street 66-12 kV Substation Rebuild	1,600	3,700	0	0	0	0	0	0	5,300
EL 37	Amazon 66-12 kV Substation	0	500	100	2,050	3,350	0	0	0	6,000
EL 38	POD IV 230-66 kV Substation	0	0	0	0	125	17,550	1,708	0	19,383
EL 39	POD V 230-66 kV Substation	0	0	0	0	0	28,000	0	0	28,000
EL 49	Solar Compliance Resource - Sally Hill 2 MW	4,675	0	0	0	0	0	184	1,500	6,359
EL 50	Solar Compliance Resource - Rockfish 4.8 MW	8,950	0	0	0	0	0	0	25	8,975
EL 51	Solar Compliance Resource - Carvers Falls 4.9 MW	325	8,725	0	0	0	0	10	15	9,075
EL 52	Solar Compliance Resource - Butler-Warner 4.95 MW	0	450	8,650	0	0	0	0	0	9,100
EL 53	Solar Compliance Resource - Site #5 5 MW	0	0	475	8,650	0	0	0	0	9,125
EL 54	Solar Compliance Resource - Site #6 5 MW	0	0	475	8,650	0	0	0	0	9,125
EL 55	Solar Compliance Resource - Site #7 5 MW	0	0	0	500	8,650	0	0	0	9,150
<b>BONDS</b>		<b>28,950</b>	<b>24,925</b>	<b>16,200</b>	<b>26,350</b>	<b>18,625</b>	<b>78,050</b>	<b>33,054</b>	<b>23,890</b>	<b>250,044</b>
EL 32	Distribution Substation 66-12 kV Power Transformer	2,000	2,000	2,400	2,400	2,400	2,400	2,457	1,500	17,557
<b>SUBSTATION CPF</b>		<b>2,000</b>	<b>2,000</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>	<b>2,457</b>	<b>1,500</b>	<b>17,557</b>
<b>TOTAL ELECTRIC SYSTEMS</b>		<b>69,400</b>	<b>52,275</b>	<b>60,475</b>	<b>58,950</b>	<b>45,225</b>	<b>195,300</b>	<b>183,226</b>	<b>44,752</b>	<b>709,603</b>
<b>TOTAL ALL PROJECTS</b>		<b>196,707</b>	<b>221,774</b>	<b>281,848</b>	<b>249,276</b>	<b>279,032</b>	<b>720,851</b>	<b>617,082</b>	<b>91,992</b>	<b>2,658,562</b>
<b>TOTAL ELECTRIC FUND</b>		<b>33,811</b>	<b>29,302</b>	<b>22,633</b>	<b>30,118</b>	<b>19,721</b>	<b>114,300</b>	<b>150,903</b>	<b>19,840</b>	<b>420,627</b>
<b>TOTAL ELECTRIC FD WITH OFFSETTING REVENUES</b>		<b>10,250</b>	<b>250</b>	<b>22,700</b>	<b>11,800</b>	<b>7,400</b>	<b>21,350</b>	<b>4,957</b>	<b>300</b>	<b>79,007</b>
<b>TOTAL WATER/SEWER FUND</b>		<b>26,529</b>	<b>31,073</b>	<b>33,758</b>	<b>23,705</b>	<b>44,729</b>	<b>214,318</b>	<b>139,070</b>	<b>23,796</b>	<b>536,977</b>
<b>TOTAL W/S FUND WITH OFFSETTING REVENUES</b>		<b>0</b>	<b>0</b>	<b>3,210</b>	<b>0</b>	<b>8,540</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,750</b>
<b>TOTAL ELECTRIC &amp; W/WW FUNDS</b>		<b>70,589</b>	<b>60,624</b>	<b>82,301</b>	<b>65,623</b>	<b>80,390</b>	<b>349,968</b>	<b>294,930</b>	<b>43,937</b>	<b>1,048,362</b>
<b>NC STATE LOAN FUND</b>		<b>25,258</b>	<b>12,830</b>	<b>13,791</b>	<b>4,419</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56,298</b>
<b>NCDOT RESERVE</b>		<b>11,026</b>	<b>30,360</b>	<b>31,190</b>	<b>0</b>	<b>29,182</b>	<b>79,470</b>	<b>0</b>	<b>0</b>	<b>181,228</b>
<b>TOTAL ANNEX V RESERVE</b>		<b>22,997</b>	<b>27,592</b>	<b>24,260</b>	<b>23,798</b>	<b>16,893</b>	<b>85,142</b>	<b>131,279</b>	<b>14,101</b>	<b>346,062</b>
<b>HURRICANE MATTHEW CAPITAL PROJECT FUND</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL BONDS</b>		<b>64,629</b>	<b>81,478</b>	<b>130,406</b>	<b>153,036</b>	<b>150,167</b>	<b>203,871</b>	<b>188,416</b>	<b>32,654</b>	<b>1,004,657</b>
<b>TOTAL SUBSTATIONS CPF</b>		<b>2,000</b>	<b>2,000</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>	<b>2,457</b>	<b>1,500</b>	<b>17,557</b>
<b>TOTAL DIRECTED GRANT PROJECT FUND</b>		<b>6,389</b>	<b>8,113</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,502</b>
<b>DOT E RAEFORD RD CPF</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL OTHER FUNDS</b>		<b>132,299</b>	<b>162,373</b>	<b>202,047</b>	<b>183,653</b>	<b>198,642</b>	<b>370,883</b>	<b>322,152</b>	<b>48,255</b>	<b>1,620,304</b>
<b>TOTAL ALL FUNDS</b>		<b>202,888</b>	<b>222,997</b>	<b>284,348</b>	<b>249,276</b>	<b>279,032</b>	<b>720,851</b>	<b>617,082</b>	<b>92,192</b>	<b>2,668,666</b>



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**PROJECT TITLE**

Electric Meters and Metering Equipment

**MANAGER**

Corey Brown

**PRIORITY**

Medium



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000007

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

370000

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input checked="" type="checkbox"/>
Renovation	<input type="checkbox"/>

**BID DATE**

1/0/1900

**CONSTRUCTION START DATE**

1/0/1900

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Cost of meters, labor, and material for new construction and/or replacement of damaged meters.

**PROJECT JUSTIFICATION**

The price per unit will vary based on the meter type. FY24 estimate is based on 1,137 meters at a unit cost of \$241.50; FY25 estimate is based on 1,194 meters at a unit cost of \$253.58; FY26 estimate is based on 1,253 meters at a unit cost of \$266.25; FY27 estimate is based on 1,316 meters at a unit cost of \$279.57; FY28 estimate is based on 1,382 meters at a unit cost of \$293.54; FY29 estimate is based on 1,451 meters at a unit cost of \$308.22; FY30 estimate is based on 1,523 meters at a unit cost of \$323.62; FY31 estimate is based on 1,600 meters at a unit cost of \$339.81 and FY32 estimate is based on 1,680 meters at a unit cost of \$356.81.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	165,000	180,000	198,000	218,000	241,000	19,850,000	20,852,000
Personnel	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Other	140,000	140,000	140,000	140,000	140,000	700,000	1,400,000
<b>Total</b>	<b>355,000</b>	<b>370,000</b>	<b>388,000</b>	<b>408,000</b>	<b>431,000</b>	<b>20,800,000</b>	<b>22,752,000</b>
<i>Pre-FY2024 Exp</i>							<b>6,724,000</b>
<i>FY2024 Estimate</i>							<b>378,000</b>
<b>Total</b>							<b>29,854,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>351,000</b>

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Electric Fund	355,000	370,000	388,000	408,000	431,000	20,800,000	22,752,000
<b>Total</b>	<b>355,000</b>	<b>370,000</b>	<b>388,000</b>	<b>408,000</b>	<b>431,000</b>	<b>20,800,000</b>	<b>22,752,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Water Meters

**MANAGER**

Corey Brown

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000008

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

332000

**BID DATE**

1/0/1900

**CONSTRUCTION START DATE**

1/0/1900

**EST. COMPLETION DATE**

Ongoing

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input checked="" type="checkbox"/>
Renovation	<input type="checkbox"/>

**PROJECT DESCRIPTION**

Cost of meters, labor, and material for new construction and/or replacement of damaged meters. This also includes the cost of replacing meters for end of life beginning in FY24.

**PROJECT JUSTIFICATION**

The price per unit will vary based on the meter type. FY24 estimate is based on 1,551 meters at a unit cost of \$276.77; FY25 estimate is based on 1,629 meters at a unit cost of \$290.61; FY26 estimate is based on 1,710 meters at a unit cost of \$305.14; FY27 estimate is based on 1,796 meters at a unit cost of \$320.40; FY28 estimate is based on 1,886 meters at a unit cost of \$336.42; FY29 estimate is based on 1,980 meters at a unit cost of \$353.24; FY30 estimate is based on 2,079 meters at a unit cost of \$370.90; FY31 estimate is based on 2,183 meters at a unit cost of \$389.44 and FY32 estimate is based on 2,292 meters at a unit cost of \$408.91. Beginning in FY24 additional money was budgeted for replacing Omni meters that will begin to fail based on age in FY25. \$238,886 was budgeted to replace 619 meters. In FY26 \$342,021 was budgeted to replace 867 meters. In FY27 \$318,260 was budgeted to replace 763 meters. In FY28 \$48,260 was budgeted to replace 105 meters. In FY29 \$39,320 was budgeted to replace 104 meters. In FY30 \$15,903 was budgeted to replace 41 meters. In FY31 \$2,686 was budgeted to replace 2 meters. In FY32 \$3,671 was budgeted to replace 4 meters.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	1,047,000	792,000	456,000	496,000	528,000	31,130,000	34,449,000
Personnel	40,000	20,000	20,000	20,000	20,000	100,000	220,000
Other	350,000	350,000	350,000	350,000	350,000	1,750,000	3,500,000
<b>Total</b>	<b>1,437,000</b>	<b>1,162,000</b>	<b>826,000</b>	<b>866,000</b>	<b>898,000</b>	<b>32,980,000</b>	<b>38,169,000</b>
<i>Pre-FY2024 Exp</i>							<b>21,044,000</b>
<i>FY2024 Estimate</i>							<b>595,000</b>
<b>Total</b>							<b>59,808,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>715,000</b>

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Water/Sewer Fund	1,437,000	1,162,000	826,000	866,000	898,000	32,980,000	38,169,000
<b>Total</b>	<b>1,437,000</b>	<b>1,162,000</b>	<b>826,000</b>	<b>866,000</b>	<b>898,000</b>	<b>32,980,000</b>	<b>38,169,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



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**PROJECT TITLE**

Robert C. Williams Business Center Upfit

**MANAGER**

Kevin Howell

**PRIORITY**

Medium



**CATEGORY**

Structures and Improvements

**BUDGET CODE**

CPR1000002

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

390000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Allowance for renovating vacant suites for potential tenants.

**PROJECT JUSTIFICATION**

Allowance for renovating up to 8,641 sq. ft. of unleased space at the RCWBC (Robert C. Williams Business Center). The unleased space is located on the 1st and 3rd floor of the RCWBC and has the potential to accommodate multiple tenants, providing steady revenue to PWC. The building is currently 84% occupied with 3 vacant suites.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	20,000	60,000	50,000	40,000	0	170,000
Construction	200,000	100,000	340,000	250,000	210,000	0	1,100,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>200,000</b>	<b>120,000</b>	<b>400,000</b>	<b>300,000</b>	<b>250,000</b>	<b>0</b>	<b>1,270,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,173,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,443,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>81,000</b>

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Electric Fund	200,000	120,000	400,000	300,000	250,000	0	1,270,000
<b>Total</b>	<b>200,000</b>	<b>120,000</b>	<b>400,000</b>	<b>300,000</b>	<b>250,000</b>	<b>0</b>	<b>1,270,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Multipurpose Building

**MANAGER**

Kevin Howell

**PRIORITY**

Medium



**CATEGORY**

Structures and Improvements

**BUDGET CODE**

CPR1000336

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

390000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion     X      
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

05/30/2029

**PROJECT DESCRIPTION**

Project is to construct a new Multipurpose Building to be utilized for meetings, administrative functions, and fitness programs and equipment.

**PROJECT JUSTIFICATION**

The Administration Building and Operations Center are nearing maximum capacity which creates continuing challenges in trying to host meetings with external agencies, conduct internal staff meetings, and expand the wellness program offerings. This project will create additional space for meetings, administrative functions, and fitness programs and equipment. An additional 30+ parking spaces will also be included in the scope of this project.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	300,000	10,000	40,000	0	350,000
Construction	0	0	0	8,900,000	1,100,000	0	10,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>8,910,000</b>	<b>1,140,000</b>	<b>0</b>	<b>10,350,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>10,350,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Electric Fund	0	0	300,000	8,910,000	1,140,000	0	10,350,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>8,910,000</b>	<b>1,140,000</b>	<b>0</b>	<b>10,350,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Space Planning and Utilization Project

**MANAGER**

Kevin Howell

**PRIORITY**

Medium



**CATEGORY**

Structures and Improvements

**BUDGET CODE**

CPR1000515

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

390000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

06/15/2026

**PROJECT DESCRIPTION**

Project is to renovate the Administration Building, Operations Center, and Electric Meter Shop to create more space to accommodate organizational growth.

**PROJECT JUSTIFICATION**

Over the years minor renovations have been made to the Administration Building and Operations Center on PWC's main campus to accommodate organizational growth. A Space Planning and Utilization Study was completed in FY 2021 and FY 2022. This project is to design and construct the recommended changes from the Space Planning and Utilization Study.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	140,000	200,000	100,000	100,000	100,000	0	640,000
Construction	0	2,900,000	1,020,000	2,000,000	1,000,000	0	6,920,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>140,000</b>	<b>3,100,000</b>	<b>1,120,000</b>	<b>2,100,000</b>	<b>1,100,000</b>	<b>0</b>	<b>7,560,000</b>
<i>Pre-FY2024 Exp</i>							<b>248,000</b>
<i>FY2024 Estimate</i>							<b>300,000</b>
<b>Total</b>							<b>8,108,000</b>

*(Rolling 3 Yr Avg)*

0

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Electric Fund	140,000	3,100,000	1,120,000	2,100,000	1,100,000	0	7,560,000
<b>Total</b>	<b>140,000</b>	<b>3,100,000</b>	<b>1,120,000</b>	<b>2,100,000</b>	<b>1,100,000</b>	<b>0</b>	<b>7,560,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Roof Replacement for the Apparatus Repair Shop

**MANAGER**

Kevin Howell

**PRIORITY**

Medium



**CATEGORY**

Structures and Improvements

**BUDGET CODE**

CPR1000556

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

390000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

06/05/2025

**PROJECT DESCRIPTION**

Remove approximately 11,000 square feet of existing roofing membrane and replace with a new PVC roof membrane on the Apparatus Repair Shop.

**PROJECT JUSTIFICATION**

The roof on the Apparatus Repair Shop has far exceeded it's 20 year life expectancy and is in need of replacement. This project is to remove the existing roof membrane, any damaged insulation, metal trim and replace it with a new roof membrane.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	35,000	0	0	0	0	0	35,000
Construction	290,000	0	0	0	0	0	290,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>325,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>325,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>325,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Electric Fund	325,000	0	0	0	0	0	325,000
<b>Total</b>	<b>325,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>325,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Renovation of the Customer Service Center

**MANAGER**

Kevin Howell

**PRIORITY**

Medium



**CATEGORY**

Structures and Improvements

**BUDGET CODE**

CPR1000557

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

390000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

06/15/2025

**PROJECT DESCRIPTION**

Renovate the existing Customer Service Center to maximize utilization of space.

**PROJECT JUSTIFICATION**

The Customer Service Center is no longer open to the public and there is an abundance of under-utilized space. Create conceptual design in FY 2024, with design documents, bid, and construction phases in FY 2025 to renovate the Customer Service Center to maximize the utilization of this space.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	200,000	0	0	0	0	0	200,000
Construction	1,300,000	0	0	0	0	0	1,300,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>1,500,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Electric Fund	1,500,000	0	0	0	0	0	1,500,000
<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



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CIS Saas Implementation

**MANAGER**

David Gajowiak

**PRIORITY**

Medium



**CATEGORY**

Inhouse Computer System

**BUDGET CODE**

CPR1000565

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

303000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

01/15/2026

**CONSTRUCTION START DATE**

07/15/2026

**EST. COMPLETION DATE**

06/30/2027

**PROJECT DESCRIPTION**

CIS SaaS Implmentation

**PROJECT JUSTIFICATION**

CIS will require a major upgrade, move to SaaS in line with technology Strategy

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Consulting	0	0	0	0	0	0	0
Implementation	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	0	0	500,000	0	0	0	500,000
Other	0	0	2,000,000	0	0	0	2,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,500,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	0	0	1,250,000	0	0	0	1,250,000
Water/Sewer Fund	0	0	1,250,000	0	0	0	1,250,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	200,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>200,000</b>



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**PROJECT TITLE**

EBS & Hyperion Cloud Upgrade

**MANAGER**

Rhonda Graham

**PRIORITY**

Medium



**CATEGORY**

Inhouse Computer System

**BUDGET CODE**

CPR1000560

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

303000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

07/01/2024

**CONSTRUCTION START DATE**

07/30/2024

**EST. COMPLETION DATE**

09/30/2025

**PROJECT DESCRIPTION**

Upgrade Oracle E Business Suite (EBS) and Hyperion to Oracle Fusion Cloud.

**PROJECT JUSTIFICATION**

This project will upgrade EBS and Hyperion to its cloud versions of Oracle Fusion Cloud. Both legacy systems are at the end of their useful lives and have limited maintenance available. Therefore, making changes or improvements to the existing systems are not feasible. The new software will provide access to emerging technology with quarterly updates, provide access to real time data and analytics organization wide, provide the ability to create more efficient workflows, and provide better disaster prevention and recovery.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Consulting	649,000	0	0	0	0	0	649,000
Implementation	4,695,000	1,020,000	0	0	0	0	5,715,000
Equipment	0	0	0	0	0	0	0
Personnel	837,000	203,000	0	0	0	0	1,040,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>6,181,000</b>	<b>1,223,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,404,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>1,000,000</b>
<b>Total</b>							<b>8,404,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	3,090,500	611,500	0	0	0	0	3,702,000
Water/Sewer Fund	3,090,500	611,500	0	0	0	0	3,702,000
<b>Total</b>	<b>6,181,000</b>	<b>1,223,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,404,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	439,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>439,000</b>





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**PROJECT TITLE**

Land and Land Rights - Water

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Land and Land Rights

**BUDGET CODE**

CPR1000084

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

310000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Land and Land Rights fees for miscellaneous sewer distribution system projects.

**PROJECT JUSTIFICATION**

This project includes the costs associated with the acquisition of land and land rights due to water distribution system projects. The need arises to purchase land and land rights for projects not associated with the Capital Improvement Plan.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	90,000	90,000	90,000	90,000	90,000	450,000	900,000
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>475,000</b>	<b>950,000</b>
<i>Pre-FY2024 Exp</i>							<b>769,000</b>
<i>FY2024 Estimate</i>							<b>110,000</b>
<b>Total</b>							<b>1,829,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>57,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	95,000	95,000	95,000	95,000	95,000	475,000	950,000
<b>Total</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>475,000</b>	<b>950,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

New Water Service Laterals and Water Main Extensions

**MANAGER**

Chris Rainey

**PRIORITY**

High



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000085

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Installation of new services and water main extensions to serve new customers.

**PROJECT JUSTIFICATION**

This project includes the installation of new services and water main extensions by PWC personnel and contracted labor to serve new customers. It will also include installation of parallel mains where needed. This project will add new customer base and provide system growth. An estimated 130 new customers will be added each year by new water service laterals tapped onto existing or newly installed mains. Revenue is based on 130 new customers times the connection fee of \$6,063 plus 130 customers times the average bill of \$26.40 times 12 months. FY 2025 budget includes anticipated costs for PWC to participate in upsizing water mains as part of developer-led projects.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	85,000	88,000	91,000	94,000	97,000	530,000	985,000
Construction	325,000	335,000	345,000	355,000	366,000	2,001,000	3,727,000
Equipment	160,000	165,000	170,000	175,000	180,000	985,000	1,835,000
Personnel	130,000	134,000	138,000	142,000	146,000	800,000	1,490,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>700,000</b>	<b>722,000</b>	<b>744,000</b>	<b>766,000</b>	<b>789,000</b>	<b>4,316,000</b>	<b>8,037,000</b>
<i>Pre-FY2024 Exp</i>							<b>14,589,000</b>
<i>FY2024 Estimate</i>							<b>800,000</b>
<b>Total</b>							<b>23,426,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,027,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	700,000	722,000	744,000	766,000	789,000	4,316,000	8,037,000
<b>Total</b>	<b>700,000</b>	<b>722,000</b>	<b>744,000</b>	<b>766,000</b>	<b>789,000</b>	<b>4,316,000</b>	<b>8,037,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	205,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>205,000</b>





**PROJECT TITLE**

Water Lateral Renewals (PWC Forces)

**MANAGER**

Chris Rainey

**PRIORITY**

High



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000086

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement \_\_\_\_\_ X \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Replace existing water laterals that have reached life expectancy.

**PROJECT JUSTIFICATION**

This project will replace existing water laterals that have reached or exceeded their life expectancy and are not cost effective to repair. This work is also coordinated with North Carolina Department of Transportation (NCDOT) and City Street Resurfacing and Streetscape projects to avoid cutting pavement in streets that have been recently resurfaced. Renewing services defers or reduces operating maintenance costs.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	500,000	546,000	573,000	602,000	632,000	3,669,000	6,522,000
Personnel	290,000	336,000	353,000	371,000	390,000	2,270,000	4,010,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>790,000</b>	<b>882,000</b>	<b>926,000</b>	<b>973,000</b>	<b>1,022,000</b>	<b>5,939,000</b>	<b>10,532,000</b>
<i>Pre-FY2024 Exp</i>							<b>13,269,000</b>
<i>FY2024 Estimate</i>							<b>700,000</b>
<b>Total</b>							<b>24,501,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>622,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	790,000	882,000	926,000	973,000	1,022,000	5,939,000	10,532,000
<b>Total</b>	<b>790,000</b>	<b>882,000</b>	<b>926,000</b>	<b>973,000</b>	<b>1,022,000</b>	<b>5,939,000</b>	<b>10,532,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	95,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>95,000</b>



**PROJECT TITLE**

New Hydrant and Valve Installation

**MANAGER**

Chris Rainey

**PRIORITY**

High



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000087

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Install and replace hydrants and valves in water distribution system.

**PROJECT JUSTIFICATION**

Provide additional and replacement hydrants and valves to improve distribution system integrity and for flushing water system to improve water quality. PWC anticipates installing hydrants for unidirectional flushing to enhance and maintain water quality.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	200,000	220,000	242,000	266,000	293,000	1,964,000	3,185,000
Personnel	75,000	83,000	91,000	100,000	110,000	738,000	1,197,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>275,000</b>	<b>303,000</b>	<b>333,000</b>	<b>366,000</b>	<b>403,000</b>	<b>2,702,000</b>	<b>4,382,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,815,000</b>
<i>FY2024 Estimate</i>							<b>300,000</b>
<b>Total</b>							<b>6,497,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>177,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	275,000	303,000	333,000	366,000	403,000	2,702,000	4,382,000
<b>Total</b>	<b>275,000</b>	<b>303,000</b>	<b>333,000</b>	<b>366,000</b>	<b>403,000</b>	<b>2,702,000</b>	<b>4,382,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	75,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>75,000</b>



**PROJECT TITLE**

Water Distribution System Rehabilitation

**MANAGER**

John Cashwell

**PRIORITY**

High



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000088

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	X
Expansion	_____
New	_____
Renovation	X

**BID DATE**

03/01/2024

**CONSTRUCTION START DATE**

07/01/2024

**EST. COMPLETION DATE**

06/30/2034

**PROJECT DESCRIPTION**

Reline and replace existing cast iron water mains throughout the PWC service area.

**PROJECT JUSTIFICATION**

This project will reline existing cast iron water mains and replace existing water mains. Due to the age and condition of these mains, some areas of the distribution system are experiencing discolored water, reduced pressure, and reduced fire flows. This work is necessary to maintain the integrity of PWC's system. Additionally, deteriorated water laterals will be replaced as part of this effort. The budget will increase in order to rehabilitate or replace 1% of the system by FY 2030. This budget also includes cost for 12-inch Water Main Replacement between Winslow St and Robeson St (FY 2025), Edwards St. 8-inch Water Main Replacement (FY 2025), Greensboro St Water Main Replacement (FY 2026-FY 2027), and Worth St Water Main Replacement (FY 2027-FY 2030). In FY 2025, an annual water construction project will start that will complete projects to small to bid out by themselves.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	20,000	0	0	0	0	20,000
Engineering	0	80,000	45,000	0	30,000	40,000	195,000
Construction	5,050,000	5,100,000	5,700,000	4,500,000	6,837,000	26,773,000	53,960,000
Equipment	0	0	0	0	0	0	0
Personnel	185,000	185,000	190,000	185,000	190,000	950,000	1,885,000
Other	50,000	50,000	50,000	50,000	50,000	250,000	500,000
<b>Total</b>	<b>5,285,000</b>	<b>5,435,000</b>	<b>5,985,000</b>	<b>4,735,000</b>	<b>7,107,000</b>	<b>28,013,000</b>	<b>56,560,000</b>
<i>Pre-FY2024 Exp</i>							<b>70,415,000</b>
<i>FY2024 Estimate</i>							<b>3,500,000</b>
<b>Total</b>							<b>130,475,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>5,975,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	5,285,000	5,435,000	5,985,000	4,735,000	7,107,000	28,013,000	56,560,000
<b>Total</b>	<b>5,285,000</b>	<b>5,435,000</b>	<b>5,985,000</b>	<b>4,735,000</b>	<b>7,107,000</b>	<b>28,013,000</b>	<b>56,560,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Phase V Annexation - Water Main Extension

**MANAGER**

Allan Riddle

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000095

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	_____
Expansion	_____
New	_____ X _____
Renovation	_____

**BID DATE**

08/01/2011

**CONSTRUCTION START DATE**

02/01/2031

**EST. COMPLETION DATE**

06/30/2031

**PROJECT DESCRIPTION**

Installation of new water lines to serve customers in areas annexed by the City of Fayetteville (COF).

**PROJECT JUSTIFICATION**

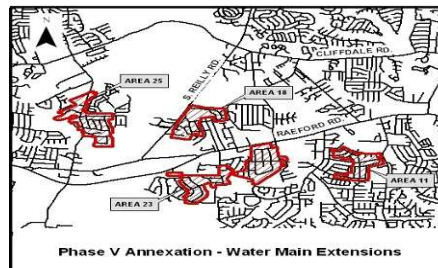
This project provides water service to construction areas 25, 29, 30, 31, 32, 33, and 34 annexed into the CoF in 2005. Area 25: design began in FY 2019 and construction begins in FY 2024; area 29: design began in FY 2022 and construction begins in FY 2028; areas 30: design begins in FY 2024 and construction in FY 2032; area 31: design begins in FY 2024 and construction in FY 2034; area 33: design began in FY 2022 and construction begins in FY 2029 through FY 2032; areas 32 and 34: design began in FY 2018 and construction began in FY 2020. Approximately 70,000 LF of water mains and 472 new water services will be added. Connection rates are assumed to be 50% first year, 10% second year, and 5% each year after. The assumed revenue per customer is \$26.40 with no escalation of the revenue over time.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	25,000	21,000	0	0	0	0	46,000
Engineering	499,000	499,000	336,000	149,000	244,000	1,150,000	2,877,000
Construction	1,490,000	1,140,000	417,000	77,000	1,034,000	12,594,000	16,752,000
Equipment	0	0	0	0	0	0	0
Personnel	103,000	87,000	84,000	80,000	162,000	803,000	1,319,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,117,000</b>	<b>1,747,000</b>	<b>837,000</b>	<b>306,000</b>	<b>1,440,000</b>	<b>14,547,000</b>	<b>20,994,000</b>
<i>Pre-FY2024 Exp</i>							<b>6,001,000</b>
<i>FY2024 Estimate</i>							<b>688,000</b>
<b>Total</b>							<b>27,683,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,756,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Annex V Reserve	2,117,000	1,747,000	837,000	306,000	1,440,000	14,547,000	20,994,000
<b>Total</b>	<b>2,117,000</b>	<b>1,747,000</b>	<b>837,000</b>	<b>306,000</b>	<b>1,440,000</b>	<b>14,547,000</b>	<b>20,994,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(3,355,000)
Capital Outlays	0
New Revenue	569,000
<b>Total</b>	<b>(2,786,000)</b>



Phase V Annexation - Water Main Extensions

**PROJECT TITLE**

Replace Existing Water Mains not Encased Under Railroad Crossings

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000100

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

03/15/2027

**CONSTRUCTION START DATE**

08/15/2027

**EST. COMPLETION DATE**

06/30/2030

**PROJECT DESCRIPTION**

Replacement of Water Mains not encased under railroad crossings.

**PROJECT JUSTIFICATION**

This project replaces water mains that are not currently encased that are located under railroad crossings. Water main leaks and breaks on mains that are not encased can cause railroad tracks to settle. Engineering will be completed by in-house staff and by consultants.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	80,000	80,000	80,000	240,000
Construction	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	20,000	20,000	20,000	60,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>3,300,000</b>
<i>Pre-FY2024 Exp</i>							<b>4,782,000</b>
<i>FY2024 Estimate</i>							<b>299,000</b>
<b>Total</b>							<b>8,381,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>731,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	1,100,000	1,100,000	1,100,000	3,300,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>3,300,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Chicken Foot Road 16" Water Main Interconnect

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000289

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	_____
Expansion	_____
New	_____ X _____
Renovation	_____

**BID DATE**

04/15/2026

**CONSTRUCTION START DATE**

07/14/2026

**EST. COMPLETION DATE**

04/01/2027

**PROJECT DESCRIPTION**

Interconnect the 16" transmission mains on both sides of Interstate 95 along Chicken Foot Rd.

**PROJECT JUSTIFICATION**

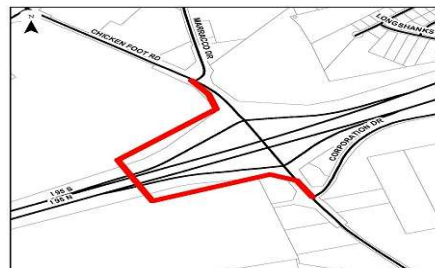
PWC currently serves approximately 2,100 customers in the Gray's Creek area (east of I-95 and south of Tom Starling Rd), including three schools and the Walmart Distribution Center. This area is currently served by a single 24" water transmission main which branches off Tom Starling Rd. This project will interconnect the existing 16" transmission mains that have been stubbed out on both sides of I-95 along Chicken Foot Rd. This will provide a second feed to the area to improve system reliability. Design was completed in FY 2022. Permits and the NCDOT Encroachment were acquired in FY 2023. Construction has been delayed until FY 2026 due to inability to acquire easements along the edge of on and off ramps for I-95.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	25,000	0	0	0	25,000
Construction	0	0	1,800,000	0	0	0	1,800,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	15,000	0	0	0	15,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,840,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,840,000</b>
<i>Pre-FY2024 Exp</i>							<b>210,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,050,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>17,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	1,840,000	0	0	0	1,840,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,840,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,840,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

West Fayetteville Pressure Zone Improvements

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000407

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

05/15/2028

**CONSTRUCTION START DATE**

08/13/2028

**EST. COMPLETION DATE**

02/04/2030

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**PROJECT DESCRIPTION**

Expansion of the Lagrange Pressure Zone to include the West Fayetteville service area.

**PROJECT JUSTIFICATION**

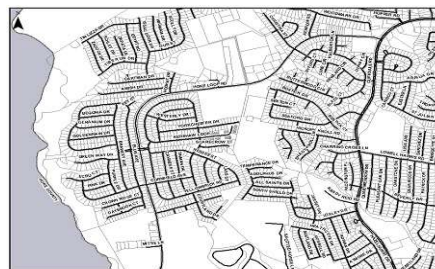
This project will expand the existing Lagrange Pressure Zone to include the greater West Fayetteville area. The project will include construction of a new booster pump station and 750,000 gallon elevated storage tank. Engineering design began in FY 2022 with construction set for following years.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	50,000	0	0	0	0	50,000
Engineering	0	750,000	750,000	30,000	1,000,000	540,000	3,070,000
Construction	0	0	0	0	12,500,000	6,750,000	19,250,000
Equipment	0	0	0	0	0	0	0
Personnel	0	18,000	18,000	5,000	18,000	18,000	77,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>818,000</b>	<b>768,000</b>	<b>35,000</b>	<b>13,518,000</b>	<b>7,308,000</b>	<b>22,447,000</b>
<i>Pre-FY2024 Exp</i>							<b>108,000</b>
<i>FY2024 Estimate</i>							<b>90,000</b>
<b>Total</b>							<b>22,645,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>36,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	818,000	768,000	35,000	1,018,000	558,000	3,197,000
Bonds	0	0	0	0	12,500,000	6,750,000	19,250,000
<b>Total</b>	<b>0</b>	<b>818,000</b>	<b>768,000</b>	<b>35,000</b>	<b>13,518,000</b>	<b>7,308,000</b>	<b>22,447,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Cliffdale Road Transmission Water Main Improvements

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000405

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

02/15/2024

**CONSTRUCTION START DATE**

05/15/2024

**EST. COMPLETION DATE**

02/09/2025

**TYPE PROJECT**

Replacement	<u>          </u>	X	<u>          </u>
Expansion	<u>          </u>		<u>          </u>
New	<u>          </u>	X	<u>          </u>
Renovation	<u>          </u>		<u>          </u>

**PROJECT DESCRIPTION**

Replace the 16" water main with a 24" water main along Cliffdale Rd.

**PROJECT JUSTIFICATION**

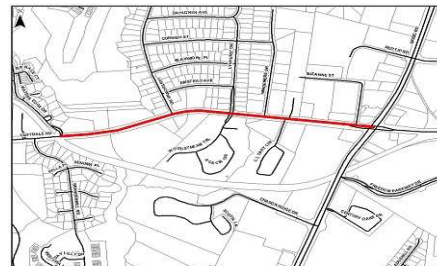
This project will improve the transmission system along the Cliffdale Rd corridor by installing 3,400-feet of new 20-inch transmission main from the intersection of Skibo Rd and Chason Ridge Dr through to Waters Edge Dr via a predominantly overland routing. The improvements are necessary to improve the operation of the School Rd re-pump facility further west in the High Pressure Zone system. Engineering design and permitting was completed in FY 2023 with easement acquisition, bidding, and construction set for FY 2024 and FY 2025.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	75,000	0	0	0	0	0	75,000
Construction	2,400,000	0	0	0	0	0	2,400,000
Equipment	0	0	0	0	0	0	0
Personnel	15,000	0	0	0	0	0	15,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,490,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,490,000</b>
<i>Pre-FY2024 Exp</i>							<b>338,000</b>
<i>FY2024 Estimate</i>							<b>545,000</b>
<b>Total</b>							<b>3,373,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>113,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	2,490,000	0	0	0	0	0	2,490,000
<b>Total</b>	<b>2,490,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,490,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Yadkin Road Water Main Replacement

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000494

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

12/15/2030

**CONSTRUCTION START DATE**

07/15/2031

**EST. COMPLETION DATE**

06/03/2032

**PROJECT DESCRIPTION**

Replace asbestos-cement water mains within Yadkin Rd from Lake Valley Rd to Fillyaw Rd.

**PROJECT JUSTIFICATION**

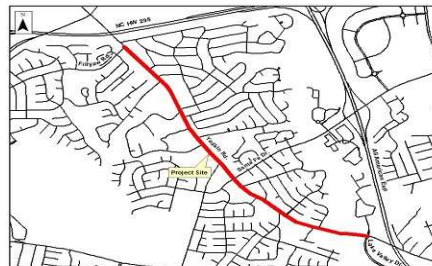
This project will replace approximately 9,000 linear feet of 4-inch and 6-inch asbestos-cement (AC) water mains within Yadkin Rd from Lake Valley Rd to Fillyaw Rd. The existing water mains are within the pavement of Yadkin Rd and are approximately 60 years old. Additionally, they are undersized and pose potential capacity issues for future development within the Yadkin Rd corridor. Failure of these water mains would result in significant construction and social costs.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	50,000	50,000	100,000
Engineering	0	0	0	250,000	225,000	275,000	750,000
Construction	0	0	0	0	0	4,200,000	4,200,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	20,000	20,000	60,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>270,000</b>	<b>295,000</b>	<b>4,585,000</b>	<b>5,150,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,150,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	270,000	295,000	4,585,000	5,150,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>270,000</b>	<b>295,000</b>	<b>4,585,000</b>	<b>5,150,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

US HWY 401 North - Elevated Water Tank (Contract 3)

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000429

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

10/15/2030

**CONSTRUCTION START DATE**

01/13/2031

**EST. COMPLETION DATE**

01/13/2032

**PROJECT DESCRIPTION**

Elevated Water Tank construction for growth development in the North Fayetteville area along the HWY 401 North corridor.

**PROJECT JUSTIFICATION**

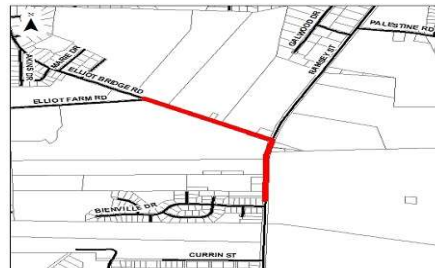
This project is constructing water system improvements along the HWY 401 North corridor in Cumberland County. Contract 1 that installed water mains and contract 2 that installed a Booster Pump Station are complete. Contract 3 will construct an elevated tank. All these elements are required for a new boosted pressure zone to serve anticipated development. Design and permitting for contract 3, the Elevated Tank project is complete. Construction is subject to the pace of development in this new service area. It is anticipated that bids for the tank construction will be received in mid FY 2031 with construction completion in FY 2032.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	100,000	100,000
Construction	0	0	0	0	0	9,700,000	9,700,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	35,000	35,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,835,000</b>	<b>9,835,000</b>
<i>Pre-FY2024 Exp</i>							<b>285,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>10,120,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>16,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	0	0	0	9,835,000	9,835,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,835,000</b>	<b>9,835,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

High Pressure Zone Transmission Water Main Improvements

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000406

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	_____
Expansion	_____
New	_____ X _____
Renovation	_____ X _____

**BID DATE**

08/15/2026

**CONSTRUCTION START DATE**

11/13/2026

**EST. COMPLETION DATE**

05/27/2028

**PROJECT DESCRIPTION**

Water transmission main improvements in the central Fayetteville High Pressure Zone.

**PROJECT JUSTIFICATION**

This project will improve the transmission system in the High Pressure Zone. The work includes 11,500 feet of new 30-inch water main beginning at the Wilson St elevated tank and continuing along Woodrow St, Morganton Rd, John St, Rush Rd, Mirror Lake Dr, Westview Dr, Westhaven Dr and continue cross country to Fairfield Rd ending at the proposed 30-inch main along Raeford Rd. This project will improve system pressures during peak demand periods and aid in the turnover of the Wilson St elevated tank. Engineering began in FY 2022 with construction slated for FY 2027 and FY 2028.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	100,000	150,000	0	0	0	0	250,000
Engineering	700,000	700,000	810,000	800,000	0	0	3,010,000
Construction	0	0	10,070,000	10,070,000	0	0	20,140,000
Equipment	0	0	0	0	0	0	0
Personnel	15,000	15,000	15,000	15,000	0	0	60,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>815,000</b>	<b>865,000</b>	<b>10,895,000</b>	<b>10,885,000</b>	<b>0</b>	<b>0</b>	<b>23,460,000</b>
<i>Pre-FY2024 Exp</i>							<b>104,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>23,564,000</b>

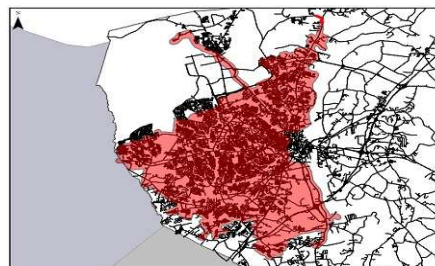
*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	815,000	865,000	825,000	815,000	0	0	3,320,000
Bonds	0	0	10,070,000	10,070,000	0	0	20,140,000
<b>Total</b>	<b>815,000</b>	<b>865,000</b>	<b>10,895,000</b>	<b>10,885,000</b>	<b>0</b>	<b>0</b>	<b>23,460,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Water Improvements to serve the 401 N. Industrial Site

**MANAGER**

Vance McGougan

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000514

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

01/30/2025

**CONSTRUCTION START DATE**

04/15/2025

**EST. COMPLETION DATE**

03/11/2026

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

Extension of new 12" water main to serve the HWY 401 North industrial site.

**PROJECT JUSTIFICATION**

This project will extend 6,000 feet of new 12-inch water main to serve the HWY 401 North industrial site located off of Slocomb Rd. The new water main would begin at connection with the existing 16-inch main along Ramsey St at the intersection with Lou Dr parallel the western boundary of the industrial site and tie to the terminal end of the existing 8-inch main along Bethune Dr. This "looped" condition would provide redundancy and the optimal hydraulic conditions for service. See WS 84 - CPR1000513 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	80,000	50,000	0	0	0	0	130,000
Construction	300,000	1,500,000	0	0	0	0	1,800,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	10,000	0	0	0	0	20,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>390,000</b>	<b>1,560,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,950,000</b>
<i>Pre-FY2024 Exp</i>							<b>44,000</b>
<i>FY2024 Estimate</i>							<b>248,000</b>
<b>Total</b>							<b>2,242,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	390,000	1,560,000	0	0	0	0	1,950,000
<b>Total</b>	<b>390,000</b>	<b>1,560,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,950,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

GAC Facility for the Glenville Lake WTP

**MANAGER**

Vance McGougan

**PRIORITY**

Low



**CATEGORY**

Glenville WTP

**BUDGET CODE**

CPR1000532

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

321000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

08/15/2025

**CONSTRUCTION START DATE**

12/13/2025

**EST. COMPLETION DATE**

12/13/2027

**PROJECT DESCRIPTION**

Construction of new Granular Activated Carbon (GAC) facility at the Glenville Lake WTP.

**PROJECT JUSTIFICATION**

Implementation of GAC technology at the PWC Water Treatment Facilities will address several water quality concerns and the anticipated future regulation for PFAS (polyfluoroalkyl substances) contaminants.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	1,357,000	181,000	933,000	278,000	0	0	2,749,000
Construction	0	3,328,000	17,152,000	5,120,000	0	0	25,600,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	15,000	15,000	15,000	0	0	55,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,367,000</b>	<b>3,524,000</b>	<b>18,100,000</b>	<b>5,413,000</b>	<b>0</b>	<b>0</b>	<b>28,404,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>450,000</b>
<b>Total</b>							<b>28,854,000</b>

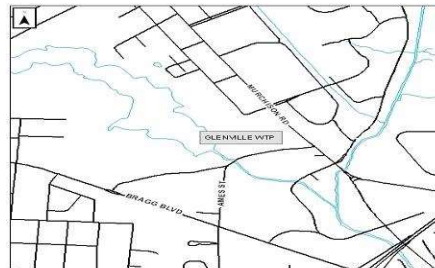
*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	1,367,000	3,524,000	18,100,000	5,413,000	0	0	28,404,000
<b>Total</b>	<b>1,367,000</b>	<b>3,524,000</b>	<b>18,100,000</b>	<b>5,413,000</b>	<b>0</b>	<b>0</b>	<b>28,404,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

GAC Facility for the PO Hoffer WTP

**MANAGER**

Vance McGougan

**PRIORITY**

Low



**CATEGORY**

PO Hoffer WTP

**BUDGET CODE**

CPR1000531

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

323000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

08/15/2025

**CONSTRUCTION START DATE**

12/13/2025

**EST. COMPLETION DATE**

03/02/2028

**PROJECT DESCRIPTION**

Construction of new Granular Activated Carbon (GAC) facility at the PO Hoffer WTP.

**PROJECT JUSTIFICATION**

Implementation of GAC technology at the PWC Water Treatment Facilities will address several water quality concerns and the anticipated future regulation for PFAS contaminants.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	2,645,000	325,000	1,627,000	759,000	0	0	5,356,000
Construction	0	5,425,000	27,125,000	12,660,000	0	0	45,210,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	15,000	15,000	15,000	0	0	55,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,655,000</b>	<b>5,765,000</b>	<b>28,767,000</b>	<b>13,434,000</b>	<b>0</b>	<b>0</b>	<b>50,621,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>590,000</b>
<b>Total</b>							<b>51,211,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	2,655,000	5,765,000	28,767,000	13,434,000	0	0	50,621,000
<b>Total</b>	<b>2,655,000</b>	<b>5,765,000</b>	<b>28,767,000</b>	<b>13,434,000</b>	<b>0</b>	<b>0</b>	<b>50,621,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

PO Hoffer WTP / Glenville Lake WTP Reliability Improvements

**MANAGER**

Vance McGougan

**PRIORITY**

High



**CATEGORY**

PO Hoffer WTP

**BUDGET CODE**

CPR1000458

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

323000

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____

**BID DATE**

09/29/2023

**CONSTRUCTION START DATE**

01/27/2024

**EST. COMPLETION DATE**

01/26/2026

**PROJECT DESCRIPTION**

PO Hoffer Water Treatment Plant reliability improvements and Glenville Lake Water Treatment Plant upgrades.

**PROJECT JUSTIFICATION**

Design of the POHWTP Phase 2 - Expansion project that addressed the liquids process infrastructure was completed in FY 2019. System demand has not increased according to previous projections; therefore, the target bid date for Phase 2 - Expansion has been deferred. This "Reliability" project will address components of the Phase 2 design not associated with treatment expansion that are critical from the standpoint of operational reliability and should not be deferred. The scope of work will also address similar upgrades at Glenville Lake WTP to include chemical feed and filter control improvements. The project is funded by a Drinking Water State Revolving Fund (DWSRF) loan and bids were received in September of 2023. The construction contract period is two years, therefore, the project will be completed in FY 2026.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	1,000,000	700,000	0	0	0	0	1,700,000
Construction	11,460,000	8,021,000	0	0	0	0	19,481,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	10,000	0	0	0	0	20,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>12,470,000</b>	<b>8,731,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,201,000</b>
<i>Pre-FY2024 Exp</i>							<b>272,000</b>
<i>FY2024 Estimate</i>							<b>3,700,000</b>
<b>Total</b>							<b>25,173,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>69,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	10,000	10,000	0	0	0	0	20,000
Bonds	1,002,000	8,721,000	0	0	0	0	9,723,000
NC State Loan Fund	11,458,000	0	0	0	0	0	11,458,000
<b>Total</b>	<b>12,470,000</b>	<b>8,731,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,201,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

PO Hoffer WTF Capacity Expansion, Phase 2

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

PO Hoffer WTP

**BUDGET CODE**

CPR1000231

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

323000

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____

**BID DATE**

05/15/2027

**CONSTRUCTION START DATE**

09/12/2027

**EST. COMPLETION DATE**

11/30/2029

**PROJECT DESCRIPTION**

This project will increase the liquids treatment capacity from 32 MGD to 48 MGD.

**PROJECT JUSTIFICATION**

The total combined system treatment capacity of the PO Hoffer WTP (POHWTP) and the Glenville Lake WTP is 50 MGD. The annual peak-day demand is approaching 80% of that system total, which is the typical benchmark point for initiating design of additional capacity. Phases 1A and 1B - expansion to the POHWTP focused on reliability and did not add treatment capacity. Design Phase 2 - expansion of the liquids process infrastructure was completed in FY 2019. System demand has not increased according to previous projections; therefore, the target bid date for the Phase 2 - expansion has been deferred to May of 2027.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	50,000	630,000	2,590,000	985,000	4,255,000
Construction	0	0	0	10,500,000	43,150,000	16,415,000	70,065,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	10,000	30,000	30,000	30,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>11,160,000</b>	<b>45,770,000</b>	<b>17,430,000</b>	<b>74,420,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>(0)</b>
<b>Total</b>							<b>74,420,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	60,000	11,160,000	45,770,000	17,430,000	74,420,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>11,160,000</b>	<b>45,770,000</b>	<b>17,430,000</b>	<b>74,420,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

PO Hoffer WTF Capacity Expansion, Phase 3 – Residuals Facilities Expansion

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

PO Hoffer WTP

**BUDGET CODE**

CPR1000232

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

323000

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____

**BID DATE**

04/01/2026

**CONSTRUCTION START DATE**

08/01/2026

**EST. COMPLETION DATE**

01/31/2028

**PROJECT DESCRIPTION**

Phase 3 of the PO Hoffer Water Treatment Facility expansion project addressing new residuals handling facilities.

**PROJECT JUSTIFICATION**

Design of the PO Hoffer WTF Capacity Expansion, Phase 3 project for new residuals handling facilities commenced in FY 2020. Application for State Revolving Fund (SRF) loan funding was made in FY 2022 and re-applied in FY 2023. Detailed design of the Phase 3 project was completed in early FY 2023 with construction expected to begin in FY 2027.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	30,000	1,451,000	967,000	0	0	2,448,000
Construction	0	0	18,144,000	12,096,000	0	0	30,240,000
Equipment	0	0	0	0	0	0	0
Personnel	0	15,000	30,000	10,000	0	0	55,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>45,000</b>	<b>19,625,000</b>	<b>13,073,000</b>	<b>0</b>	<b>0</b>	<b>32,743,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,419,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>34,162,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>453,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	45,000	19,625,000	13,073,000	0	0	32,743,000
<b>Total</b>	<b>0</b>	<b>45,000</b>	<b>19,625,000</b>	<b>13,073,000</b>	<b>0</b>	<b>0</b>	<b>32,743,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Replace Standby Power Generator at the PO Hoffer WTP

**MANAGER**

Vance McGougan

**PRIORITY**

High



**CATEGORY**

PO Hoffer WTP

**BUDGET CODE**

CPR1000456

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

323000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

08/15/2024

**CONSTRUCTION START DATE**

11/13/2024

**EST. COMPLETION DATE**

11/11/2025

**PROJECT DESCRIPTION**

Replace standby power generator at the PO Hoffer WTP to include a new generator and switchgear.

**PROJECT JUSTIFICATION**

The existing standby power generator at the PO Hoffer WTP installed circa 2000 is reaching the end of its useful life. This project will replace that equipment with a new standby power generator and switchgear complete with Tier 4 engines that will allow for "peak shaving" operation. Preliminary engineering began in the last half of FY 2023 and will be complete in early FY 2024. Detailed design for preparation of construction documents and bidding will take place in the last half of FY 2024. Project construction will be initiated in FY 2025 and be completed in FY 2026.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	100,000	50,000	0	0	0	0	150,000
Construction	2,735,000	1,990,000	0	0	0	0	4,725,000
Equipment	0	0	0	0	0	0	0
Personnel	15,000	15,000	0	0	0	0	30,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,850,000</b>	<b>2,055,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,905,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,000</b>
<i>FY2024 Estimate</i>							<b>4,000</b>
<b>Total</b>							<b>4,910,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	2,850,000	2,055,000	0	0	0	0	4,905,000
<b>Total</b>	<b>2,850,000</b>	<b>2,055,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,905,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Utility Improvements for City of Fayetteville Storm Drainage Improvements - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000096

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	<u>          </u>	X
Expansion	<u>          </u>	X
New	<u>          </u>	X
Renovation	<u>          </u>	

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Relocate water mains as part of City of Fayetteville (COF) storm drainage improvement projects impacting PWC water mains.

**PROJECT JUSTIFICATION**

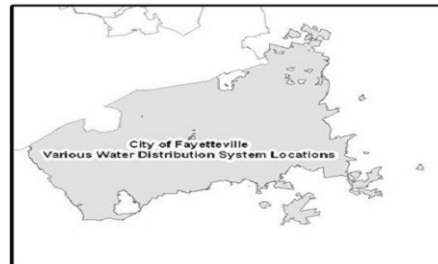
The City of Fayetteville is planning various storm drainage improvement projects throughout the city during the upcoming years. PWC and the COF coordinate during the design and construction phases of these projects to avoid conflicts with existing water mains. Where these conflicts are unavoidable, the City incorporates the necessary utility adjustments into their contracts and the associated costs are paid by PWC. There are situations where PWC determines, due to aging infrastructure or operational issues, utility improvements are necessary and assumes the financial responsibility for these.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	55,000	30,000	20,000	20,000	20,000	125,000	270,000
Construction	1,670,000	1,700,000	600,000	600,000	500,000	1,500,000	6,570,000
Equipment	0	0	0	0	0	0	0
Personnel	75,000	70,000	25,000	25,000	25,000	150,000	370,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>645,000</b>	<b>645,000</b>	<b>545,000</b>	<b>1,775,000</b>	<b>7,210,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,396,000</b>
<i>FY2024 Estimate</i>							<b>750,000</b>
<b>Total</b>							<b>9,356,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>103,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	1,800,000	1,800,000	645,000	645,000	545,000	1,775,000	7,210,000
<b>Total</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>645,000</b>	<b>645,000</b>	<b>545,000</b>	<b>1,775,000</b>	<b>7,210,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Utility Improvements for the Town of Hope Mills Stormwater Projects - Water

**MANAGER**

John Cashwell

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000105

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input type="checkbox"/>
Renovation	<input checked="" type="checkbox"/>

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Various storm drainage improvement projects throughout the Town of Hope Mills related to water mains.

**PROJECT JUSTIFICATION**

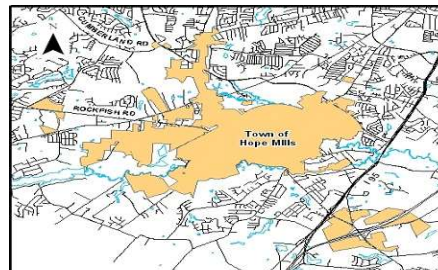
The Town of Hope Mills (TOHM) is planning various storm drainage improvements throughout PWC's service area in the upcoming years. These projects will impact areas containing PWC water utilities. PWC staff and the TOHM staff coordinate the planning and design of these projects and work to avoid conflicts where possible. Where conflicts are unavoidable, the TOHM incorporates the necessary utility adjustments into their contracts and the associated costs are paid by the ToHM. In situations where PWC determines, due to aging infrastructure or operational issues, utility improvements are necessary, PWC pays the cost. These improvements are the financial responsibility of PWC.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	15,000	15,000	15,000	15,000	15,000	75,000	150,000
Equipment	0	0	0	0	0	0	0
Personnel	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>100,000</b>	<b>200,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>200,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	20,000	20,000	20,000	20,000	20,000	100,000	200,000
<b>Total</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>100,000</b>	<b>200,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Utility Improvements for NCDOT Resurfacing and Stormwater Projects - Water Mains

**MANAGER**

John Cashwell

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000104

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement \_\_\_\_\_ X \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Various storm drainage improvement projects in coordination with NCDOT's storm drainage improvements related to water mains.

**PROJECT JUSTIFICATION**

The NCDOT is planning various storm drainage and road improvements throughout PWC's service area in the upcoming years. These projects will impact areas with PWC water utilities. PWC and NCDOT staff coordinate the planning and design of these projects and work to avoid conflicts where possible. Where conflicts are unavoidable, NCDOT incorporates the necessary utility adjustments into their contracts.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Equipment	0	0	0	0	0	0	0
Personnel	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>	<b>100,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>100,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	10,000	10,000	10,000	10,000	10,000	50,000	100,000
<b>Total</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>	<b>100,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NC 59 Water Main Extension from Church St. to Parkton Rd.

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000437

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

08/15/2027

**CONSTRUCTION START DATE**

12/15/2027

**EST. COMPLETION DATE**

06/15/2030

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**PROJECT DESCRIPTION**

Water Main Extensions (8-inch and 16-inch) outside of the NCDOT U-6001 project limits in the Hope Mills service area in order to connect to PWC's existing system.

**PROJECT JUSTIFICATION**

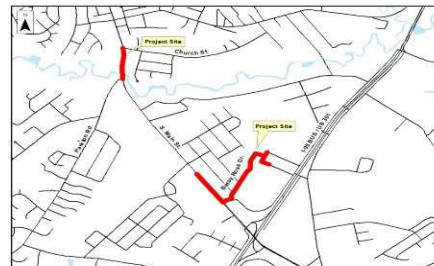
NCDOT project U-6001 proposes to widen NC-59 between Parkton Rd and US-301. PWC plans to extend water mains in conjunction with the NCDOT project. As such, water mains will need to be extended from existing PWC infrastructure to the NCDOT project limits with this project. Design for these water main extensions has been put on hold due to a delay in the NCDOT schedule.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	20,000	20,000	0	40,000
Engineering	0	0	0	200,000	200,000	0	400,000
Construction	0	0	0	2,000,000	2,000,000	1,400,000	5,400,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	15,000	15,000	10,000	40,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,235,000</b>	<b>2,235,000</b>	<b>1,410,000</b>	<b>5,880,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,880,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	2,235,000	2,235,000	1,410,000	5,880,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,235,000</b>	<b>2,235,000</b>	<b>1,410,000</b>	<b>5,880,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Replacement of Water Mains in Dams

**MANAGER**

John Cashwell

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000512

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

12/15/2032

**CONSTRUCTION START DATE**

04/15/2033

**EST. COMPLETION DATE**

06/30/2036

**PROJECT DESCRIPTION**

Remove and relocate existing water mains that are within the footprint of existing dams.

**PROJECT JUSTIFICATION**

This project will replace and relocate existing water mains that are located within the footprint of existing dams. PWC undertook an evaluation of the existing water mains and identified many locations where the existing water main is within the dam embankment. Failure of these water mains would likely result in failure of the dams structure, resulting in significant social and economic losses. Relocation of the water mains outside of the dams embankment minimizes the risk of the water mains failing and the impacts to the utility should the dams fail.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	110,000	110,000
Engineering	0	0	0	0	0	1,000,000	1,000,000
Construction	0	0	0	0	0	2,170,000	2,170,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	90,000	90,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,370,000</b>	<b>3,370,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,370,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	3,370,000	3,370,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,370,000</b>	<b>3,370,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Extend 16-inch water main from Claude Lee Road to the east side of I-95.

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000552

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion     X      
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

02/15/2025

**CONSTRUCTION START DATE**

04/01/2025

**EST. COMPLETION DATE**

06/30/2026

**PROJECT DESCRIPTION**

Extend 16-inch water main from Claude Lee Rd to the east side of I-95 and connect to existing 16-inch main at Doc Bennett Rd.

**PROJECT JUSTIFICATION**

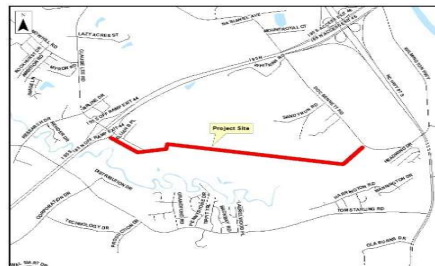
This project is associated with the lining of the 54" outfall Research to I-95 (WS 67 - CPR1000194) project will extend 3,200 LF of new 16-inch water main from its current termination on Claude Lee Rd to the east side of I-95. The proposed water main will provide water needed for the rehabilitation lining of the 54" outfall and will provide service to existing neighborhoods and future developments in the area.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	200,000	90,000	0	0	0	0	290,000
Engineering	190,000	10,000	0	0	0	0	200,000
Construction	1,110,000	740,000	0	0	0	0	1,850,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	10,000	0	0	0	0	20,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,510,000</b>	<b>850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,360,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,360,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	1,510,000	850,000	0	0	0	0	2,360,000
<b>Total</b>	<b>1,510,000</b>	<b>850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,360,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Replacement of Water Service Lines

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000553

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

02/15/2029

**CONSTRUCTION START DATE**

06/01/2029

**EST. COMPLETION DATE**

06/30/2032

**PROJECT DESCRIPTION**

Replace existing water service laterals required under the Lead and Copper Rule Revisions.

**PROJECT JUSTIFICATION**

This project will replace approximately 7,000 water service laterals under the EPA's revised Lead and Copper rule. Based on PWC's initial service lateral inventory, approximately 7% of PWC-owned water service laterals are "galvanized requiring replacement" as defined in the revised Lead and Copper rule. This program will replace approximately 2,400 services per year.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	1,000,000	36,000,000	37,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	30,000	150,000	180,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,030,000</b>	<b>36,150,000</b>	<b>37,180,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>37,180,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	1,030,000	36,150,000	37,180,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,030,000</b>	<b>36,150,000</b>	<b>37,180,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Gray's Creek Water Main Extension

**MANAGER**

Allan Riddle

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000554

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

06/15/2025

**CONSTRUCTION START DATE**

08/15/2025

**EST. COMPLETION DATE**

05/31/2026

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____

**PROJECT DESCRIPTION**

Water Main Extension to provide service to Alderman Road Elementary School and Gray's Creek Elementary School.

**PROJECT JUSTIFICATION**

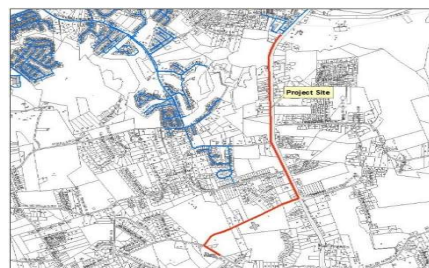
The existing wells to serve Alderman Road and Gray's Creek Elementary Schools are contaminated with GenX. This project will extend approximately 10,800 LF of 16-inch RJDIP down NC 87 and 6,700 LF of 12-inch RJDIP water main Alderman Road to serve both elementary schools. Design will begin in FY 25 with construction expected to begin and complete in FY 26.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	200,000	0	0	0	0	0	200,000
Engineering	1,216,000	0	0	0	0	0	1,216,000
Construction	0	8,113,000	0	0	0	0	8,113,000
Equipment	0	0	0	0	0	0	0
Personnel	20,000	20,000	0	0	0	0	40,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,436,000</b>	<b>8,133,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,569,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>9,569,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	20,000	20,000	0	0	0	0	40,000
Grants	1,416,000	8,113,000	0	0	0	0	9,529,000
<b>Total</b>	<b>1,436,000</b>	<b>8,133,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,569,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	298,000
<b>Total</b>	<b>298,000</b>



**PROJECT TITLE**

Ramsey Street Water Transmission Main Improvements Phase 1

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000507

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

08/01/2025

**CONSTRUCTION START DATE**

02/01/2026

**EST. COMPLETION DATE**

09/01/2027

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**PROJECT DESCRIPTION**

Transmission improvements (Phase 1) east of Ramsey St to service the new pressure zone (HWY401NPZ) and future demands.

**PROJECT JUSTIFICATION**

Water main improvements are required along Ramsey St to support transmission to the new pressure zone (HWY401NPZ) and future demands, including new homes and a proposed future industrial site north of Goodyear Tire Plant. Future industrial demand at the Clark property could range between 0.6 MGD to as high as 2.0 MGD. The recommended improvement (divided into three phases) includes a total of 33,000 LF of new transmission main to meet a 1 MGD industrial demand, the HWY401NPZ booster pump station capacity upgrade beyond 400 gpm, and the projected maximum day water demands (MDD) anticipated for 2035. Phase 1 is the design and construction of 14,000 LF of 20" and 30" ductile iron pipe to meet future demands of the booster pump station for 1,000 homes and .6MGD industrial park. The phase should be completed by FY 2028. Phase 2 (14,600 LF) is listed under WS 30 - CPR1000562 and Phase 3 (4,400 LF) will be completed as part of the NCDOT U-4403C project WS 43 - CPR1000485.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	320,000	350,000	0	0	0	0	670,000
Engineering	840,000	340,000	550,000	134,000	0	0	1,864,000
Construction	0	3,350,000	13,400,000	3,320,000	0	0	20,070,000
Equipment	0	0	0	0	0	0	0
Personnel	20,000	45,000	50,000	25,000	0	0	140,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,180,000</b>	<b>4,085,000</b>	<b>14,000,000</b>	<b>3,479,000</b>	<b>0</b>	<b>0</b>	<b>22,744,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>220,000</b>
<b>Total</b>							<b>22,964,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	1,180,000	4,085,000	14,000,000	3,479,000	0	0	22,744,000
<b>Total</b>	<b>1,180,000</b>	<b>4,085,000</b>	<b>14,000,000</b>	<b>3,479,000</b>	<b>0</b>	<b>0</b>	<b>22,744,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Ramsey Street Water Transmission Main Improvements Phase 2

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000562

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

01/15/2028

**CONSTRUCTION START DATE**

03/15/2028

**EST. COMPLETION DATE**

12/15/2029

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**PROJECT DESCRIPTION**

Transmission improvements (Phase 2) east of Ramsey St to service the new pressure zone (HWY401NPZ) and future demands.

**PROJECT JUSTIFICATION**

Water main improvements are required along Ramsey St to support transmission to the new pressure zone (HWY401NPZ) and future demands, including new homes and a proposed future industrial site north of Goodyear Tire Plant. Future industrial demand at the Clark property could range between 0.6 MGD to 2.0 MGD. The recommended improvement (divided into three phases) includes a total of 33,000 LF of new transmission main to meet a 1 MGD industrial demand, the HWY401NPZ booster pump station capacity upgrade beyond 400 gpm, and the projected maximum day water demands anticipated for 2035. Phase 2 is the design for 14,600 LF of 24" ductile iron pipe. Construction is anticipated to be funded by the Fayetteville Cumberland County Economic Corp. in future years. Phase 1(14,000 LF) is listed under WS 29 – CPR1000507. Phase 3 (4,400 LF) will be completed as part of the NCDOT U-4403C project WS 43 CPR1000485.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	50,000	320,000	180,000	0	0	550,000
Engineering	840,000	200,000	0	0	0	0	1,040,000
Construction	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	20,000	15,000	5,000	5,000	0	0	45,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>860,000</b>	<b>265,000</b>	<b>325,000</b>	<b>185,000</b>	<b>0</b>	<b>0</b>	<b>1,635,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>230,000</b>
<b>Total</b>							<b>1,865,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	860,000	265,000	325,000	185,000	0	0	1,635,000
<b>Total</b>	<b>860,000</b>	<b>265,000</b>	<b>325,000</b>	<b>185,000</b>	<b>0</b>	<b>0</b>	<b>1,635,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

NCDOT U-6001 NC 59 Widening, Parkton Road to US 301 - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000508

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

06/10/2031

**CONSTRUCTION START DATE**

10/15/2031

**EST. COMPLETION DATE**

10/15/2034

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**PROJECT DESCRIPTION**

Water main extension to the Town of Hope Mills along NC 59 in conjunction with the NCDOT U-6001 project.

**PROJECT JUSTIFICATION**

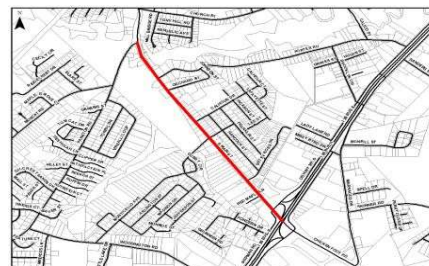
Extension of the new water main is necessary to provide additional supply to the Town of Hope Mills as well as future development in this area. Construction of the NCDOT project has been moved up to 06/10/2031 after previously being pushed to FY 2040. NCDOT anticipates starting ROW acquisition in FY 2029.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	25,000	15,000	40,000
Engineering	0	0	0	100,000	125,000	125,000	350,000
Construction	0	0	0	0	0	3,200,000	3,200,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	12,000	8,000	8,000	28,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112,000</b>	<b>158,000</b>	<b>3,348,000</b>	<b>3,618,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,618,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	112,000	158,000	148,000	418,000
NCDOT	0	0	0	0	0	3,200,000	3,200,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112,000</b>	<b>158,000</b>	<b>3,348,000</b>	<b>3,618,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Drive to Fairway Drive (Water)

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000267

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input type="checkbox"/>
Renovation	<input checked="" type="checkbox"/>

**BID DATE**

11/15/2021

**CONSTRUCTION START DATE**

02/01/2022

**EST. COMPLETION DATE**

06/30/2030

**PROJECT DESCRIPTION**

Relocate water mains along Raeford Rd from Hampton Oaks Dr to Fairway Dr.

**PROJECT JUSTIFICATION**

This project will relocate water mains as necessary to eliminate conflicts with the proposed NCDOT roadway construction. The new roadway work will be from Hampton Oaks Dr to Fairway Dr along Raeford Rd. Construction of the utility improvements will be included in the NCDOT construction contracts. NCDOT has decided to separate the project into three (3) phases. Reimbursement for this work to NCDOT will be made at the end of the individual phases. Completion of phase 3 is anticipated to be in FY 2030. See WS 88 - CPR1000268 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	170,000	275,000	300,000	175,000	150,000	25,000	1,095,000
Construction	0	0	10,300,000	0	13,515,000	0	23,815,000
Equipment	0	0	0	0	0	0	0
Personnel	60,000	60,000	60,000	60,000	40,000	20,000	300,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>230,000</b>	<b>335,000</b>	<b>10,660,000</b>	<b>235,000</b>	<b>13,705,000</b>	<b>45,000</b>	<b>25,210,000</b>
<i>Pre-FY2024 Exp</i>							<b>2,501,000</b>
<i>FY2024 Estimate</i>							<b>145,000</b>
<b>Total</b>							<b>27,856,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>212,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	230,000	335,000	360,000	235,000	190,000	45,000	1,395,000
NCDOT	0	0	7,250,000	0	9,500,000	0	16,750,000
Participation	0	0	3,050,000	0	4,015,000	0	7,065,000
<b>Total</b>	<b>230,000</b>	<b>335,000</b>	<b>10,660,000</b>	<b>235,000</b>	<b>13,705,000</b>	<b>45,000</b>	<b>25,210,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC162 Bingham Dr. (Water)

**MANAGER**

Allan Riddle

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000372

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

10/20/2027

**CONSTRUCTION START DATE**

12/17/2027

**EST. COMPLETION DATE**

06/30/2029

**PROJECT DESCRIPTION**

Relocate water mains along Fisher Rd from Strickland Bridge Rd to NC 162.

**PROJECT JUSTIFICATION**

NCDOT plans to widen Fisher Rd from Strickland Bridge Rd to NC 162. There are sewer and water mains in the project corridor which may be in conflict requiring relocation. NCDOT plans to go to Right-of-Way (ROW) in FY 2025 and start construction in FY 2028. See WS 89 – CPR1000380 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	200,000	200,000	0	0	0	0	400,000
Engineering	300,000	225,000	60,000	125,000	0	0	710,000
Construction	0	0	0	0	7,032,000	0	7,032,000
Equipment	18,000	18,000	15,000	30,000	10,000	0	91,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>518,000</b>	<b>443,000</b>	<b>75,000</b>	<b>155,000</b>	<b>7,042,000</b>	<b>0</b>	<b>8,233,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>200,000</b>
<b>Total</b>							<b>8,433,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	518,000	443,000	75,000	155,000	10,000	0	1,201,000
NCDOT	0	0	0	0	7,032,000	0	7,032,000
<b>Total</b>	<b>518,000</b>	<b>443,000</b>	<b>75,000</b>	<b>155,000</b>	<b>7,042,000</b>	<b>0</b>	<b>8,233,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-2519B A/BB Fayetteville Outer Loop from South of US 401 to South of Strickland Bridge Road (SR 1104) - Water

**MANAGER**

Allan Riddle

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000348

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement \_\_\_\_\_ X \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

10/22/2022

**CONSTRUCTION START DATE**

12/15/2022

**EST. COMPLETION DATE**

06/30/2025

**PROJECT DESCRIPTION**

Relocation of water mains around the Fayetteville Outer Loop at the intersections of Century Circle, Strickland Bridge Rd, and Stoney Point Rd.

**PROJECT JUSTIFICATION**

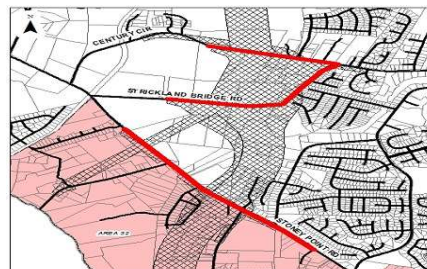
This project will relocate portions of existing 16" and 12" water mains in conflict with NCDOT's roadway improvements for the proposed Outer Loop where it intersects Century Circle Strickland Bridge Rd and Stoney Point Rd. This project will include the extension of water mains to serve a portion of phase V annexation area 32. Construction to began in FY 2023 and be completed in FY 2025. An agreement with NCDOT is in place currently. However, billing is expected upon completion of all highway work and to be made in one final payment. See WS 06 - CPR1000095 for the annexation portions of this project and WS 90 - CPR1000350 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	5,209,000	0	0	0	0	0	5,209,000
Equipment	0	0	0	0	0	0	0
Personnel	15,000	0	0	0	0	0	15,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>5,224,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,224,000</b>
<i>Pre-FY2024 Exp</i>							<b>15,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,239,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	15,000	0	0	0	0	0	15,000
NCDOT	5,209,000	0	0	0	0	0	5,209,000
<b>Total</b>	<b>5,224,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,224,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT W-5806(C) Rosehill Rd. Intersection Improvements at Tamarack Dr. and Landau Rd.

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000509

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement	_____ X _____
Expansion	_____ _____
New	_____ X _____
Renovation	_____ _____

**BID DATE**

09/06/2023

**CONSTRUCTION START DATE**

11/20/2023

**EST. COMPLETION DATE**

05/30/2025

**PROJECT DESCRIPTION**

Relocate water mains on Rosehill Rd at the intersections of Tamarack Dr and Landau Rd.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT roadway construction. NCDOT plans to install roundabouts at the intersections of Tamarack Dr and Landau Rd along Rosehill Rd. NCDOT plans to start construction in FY 2024 and water main improvements are anticipated to be complete in FY 2025. Construction of the utility improvements will be included in the NCDOT construction contract and will bill PWC for the utility work upon completion of the project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	7,000	0	0	0	0	0	7,000
Construction	1,287,000	0	0	0	0	0	1,287,000
Equipment	0	0	0	0	0	0	0
Personnel	40,000	0	0	0	0	0	40,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,334,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,334,000</b>
<b>Pre-FY2024 Exp</b>							<b>43,000</b>
<b>FY2024 Estimate</b>							<b>895,000</b>
<b>Total</b>							<b>2,272,000</b>
<b>(Rolling 3 Yr Avg)</b>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	47,000	0	0	0	0	0	47,000
NCDOT	1,287,000	0	0	0	0	0	1,287,000
<b>Total</b>	<b>1,334,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,334,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4900 Murchison Road Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000306

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

05/21/2025

**CONSTRUCTION START DATE**

07/21/2025

**EST. COMPLETION DATE**

06/30/2027

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

Relocate water mains along Murchison Rd from the I-295 Fayetteville Outer Loop to Preston St.

**PROJECT JUSTIFICATION**

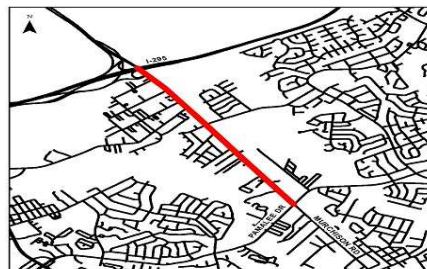
This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening project. A total of approximately 24,000 LF of 8-inch and 3,000 LF of 16-inch water mains are planned for improvements and will be included in the NCDOT construction contracts. There is a 24" water main serving Fort Bragg in the corridor must be maintained during construction. NCDOT plans to start construction in FY 2026 and water main improvements are anticipated to be complete in FY 2027. Reimbursement for this work to NCDOT will be made at the end of the project. See WS 91 - CPR1000314 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	100,000	115,000	0	0	0	0	215,000
Engineering	575,000	30,000	30,000	0	0	0	635,000
Construction	0	0	15,400,000	0	0	0	15,400,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	30,000	30,000	0	0	0	90,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>705,000</b>	<b>175,000</b>	<b>15,460,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,340,000</b>
<i>Pre-FY2024 Exp</i>							<b>400,000</b>
<i>FY2024 Estimate</i>							<b>685,000</b>
<b>Total</b>							<b>17,425,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>130,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	705,000	175,000	60,000	0	0	0	940,000
NCDOT	0	0	15,400,000	0	0	0	15,400,000
<b>Total</b>	<b>705,000</b>	<b>175,000</b>	<b>15,460,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,340,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**





**PROJECT TITLE**

NCDOT U-5101(A) Shaw Rd to Stacey Weaver Dr Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000307

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

05/16/2028

**CONSTRUCTION START DATE**

07/16/2028

**EST. COMPLETION DATE**

03/30/2030

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input checked="" type="checkbox"/>
Renovation	<input type="checkbox"/>

**PROJECT DESCRIPTION**

Relocate water mains along Shaw Rd from Murchison Rd to Bragg Blvd.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT U-5101 road widening construction which extends over 5.6 miles and is divided into phase A (U-5101A) and phase B (U-5101B). Phase A extends along Shaw Rd from Bragg Blvd to Murchison Rd. Phase B extends from Murchison Rd along Shaw Mill Rd, Rosehill Rd and Stacey Weaver Dr to Ramsey St. Phase A may need to relocate up to 10,000 LF of 16-inch and 3,000 LF of 8-inch water mains. Hydraulic modeling and assessment of 35,000 LF of water mains for both phases are required to properly design relocation improvements. NCDOT plans to go to ROW for phase A in July 2025 and water main improvements are anticipated to be complete in FY 2030. Construction of the utility improvements will be included in the NCDOT construction contract. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 92 - CPR1000315 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	80,000	80,000	0	0	0	160,000
Engineering	242,000	125,000	500,000	500,000	125,000	30,000	1,522,000
Construction	0	0	0	0	0	11,270,000	11,270,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>272,000</b>	<b>235,000</b>	<b>610,000</b>	<b>530,000</b>	<b>155,000</b>	<b>11,330,000</b>	<b>13,132,000</b>
<i>Pre-FY2024 Exp</i>							<b>3,000</b>
<i>FY2024 Estimate</i>							<b>85,000</b>
<b>Total</b>							<b>13,220,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	272,000	235,000	610,000	530,000	155,000	60,000	1,862,000
NCDOT	0	0	0	0	0	11,270,000	11,270,000
<b>Total</b>	<b>272,000</b>	<b>235,000</b>	<b>610,000</b>	<b>530,000</b>	<b>155,000</b>	<b>11,330,000</b>	<b>13,132,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-5798(A) - Gillis Hill Rd Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000308

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

03/15/2022

**CONSTRUCTION START DATE**

07/15/2022

**EST. COMPLETION DATE**

12/15/2024

**PROJECT DESCRIPTION**

Relocate water mains along Gillis Hill Rd from US HWY 401 Raeford Rd to Stoney Point Rd.

**PROJECT JUSTIFICATION**

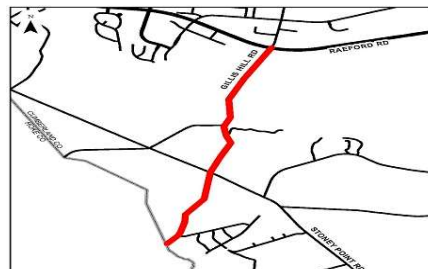
This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening of Gillis Hill Rd from US HWY 401 Raeford Rd to south of Celtic Dr in Hoke County in two phases, U-5898(A) and U-5798(B). In phase A, approximately 5,000 LF of 16-inch main serving the Hoke County Water Booster Pump Station will need to be relocated. In addition, 2,600 LF of new parallel 8-inch water main will be added to avoid installing service laterals under the new highway. In July 2022, NCDOT began construction of phase A with the water main improvements anticipated to be completed in FY 2025. Construction of the utility improvements will be included in the NCDOT construction contract. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 93 - CPR100316 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	25,000	0	0	0	0	0	25,000
Construction	3,700,000	0	0	0	0	0	3,700,000
Equipment	0	0	0	0	0	0	0
Personnel	20,000	0	0	0	0	0	20,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>3,745,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,745,000</b>
<b>Pre-FY2024 Exp</b>							<b>283,000</b>
<b>FY2024 Estimate</b>							<b>45,000</b>
<b>Total</b>							<b>4,073,000</b>
<b>(Rolling 3 Yr Avg)</b>							<b>75,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	45,000	0	0	0	0	0	45,000
NCDOT	3,700,000	0	0	0	0	0	3,700,000
<b>Total</b>	<b>3,745,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,745,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-5798(B) - Gillis Hill Road Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000478

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

02/18/2025

**CONSTRUCTION START DATE**

05/18/2025

**EST. COMPLETION DATE**

02/18/2027

**TYPE PROJECT**

Replacement	<u>        </u>	X
Expansion	<u>        </u>	X
New	<u>        </u>	X
Renovation	<u>        </u>	

**PROJECT DESCRIPTION**

Relocate water mains along Gillis Hill Rd from Stoney Point Rd to south of Celtic Dr in Hoke County.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening project. NCDOT plans to widen Gillis Hill Rd from US HWY 401 Raeford Rd to south of Celtic Dr in Hoke County in two phases, U-5898(A) and U-5798(B). In phase B, approximately 4,500 LF of 16-inch main serving the Hoke County Water Booster Pump Station will need to be relocated. Final design will be complete in FY 2025 and water main improvements are anticipated to be complete in FY 2027. Construction of these water utility improvements will be included in the NCDOT construction contract. Reimbursement to NCDOT for this work will be made at the end of the project. The sewer portion of this project is included in the annexation project CPR1000130 which includes 2,750 LF of new 8-inch gravity sanitary sewer main to serve phase V annexation area 34. The construction cost for the first 815 LF of sanitary sewer will be included in the NCDOT contract.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	175,000	30,000	30,000	0	0	0	235,000
Construction	0	0	2,400,000	0	0	0	2,400,000
Equipment	0	0	0	0	0	0	0
Personnel	25,000	25,000	25,000	0	0	0	75,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>200,000</b>	<b>55,000</b>	<b>2,455,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,710,000</b>
<i>Pre-FY2024 Exp</i>							<b>123,000</b>
<i>FY2024 Estimate</i>							<b>270,000</b>
<b>Total</b>							<b>3,103,000</b>

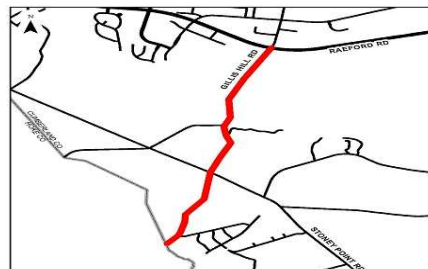
*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	200,000	55,000	55,000	0	0	0	310,000
NCDOT	0	0	2,400,000	0	0	0	2,400,000
<b>Total</b>	<b>200,000</b>	<b>55,000</b>	<b>2,455,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,710,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-3422 Camden Rd Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000309

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

03/19/2024

**CONSTRUCTION START DATE**

05/17/2024

**EST. COMPLETION DATE**

02/30/2026

**TYPE PROJECT**

Replacement	<u>        </u>	X
Expansion	<u>        </u>	X
New	<u>        </u>	X
Renovation	<u>        </u>	

**PROJECT DESCRIPTION**

Relocate water mains along Camden Rd from NC 59 to the new I-295 Fayetteville Outer Loop and sections of Rockfish Rd.

**PROJECT JUSTIFICATION**

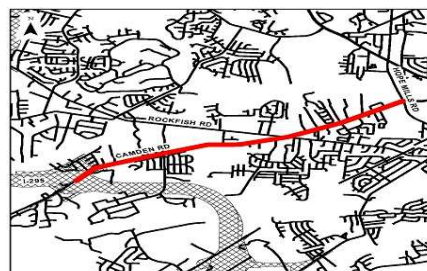
This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening project. NCDOT plans to widen Camden Rd from NC 59 (Hope Mills Rd) to the new I-295 Fayetteville Outer Loop (U-2519). This project will also widen Rockfish Rd 600 LF to the north and 2,000 LF south of Camden Rd. In total, 42,000 LF of parallel water mains will be installed on both sides of Camden Rd. NCDOT plans to start construction in FY 2024 and the water main improvements are anticipated to be complete in FY 2026. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 94 - CPR1000317 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	200,000	0	0	0	0	0	200,000
Engineering	40,000	40,000	0	0	0	0	80,000
Construction	0	22,800,000	0	0	0	0	22,800,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	30,000	0	0	0	0	60,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>270,000</b>	<b>22,870,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,140,000</b>
<i>Pre-FY2024 Exp</i>							<b>788,000</b>
<i>FY2024 Estimate</i>							<b>655,000</b>
<b>Total</b>							<b>24,583,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>224,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	270,000	70,000	0	0	0	0	340,000
NCDOT	0	22,800,000	0	0	0	0	22,800,000
<b>Total</b>	<b>270,000</b>	<b>22,870,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,140,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000399

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

06/18/2024

**CONSTRUCTION START DATE**

08/17/2024

**EST. COMPLETION DATE**

06/30/2026

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input checked="" type="checkbox"/>
Renovation	<input type="checkbox"/>

**PROJECT DESCRIPTION**

Relocate and improve water mains along Rockfish Rd between Golfview Rd and NC 59, along Golfview Rd between Rockfish Rd and NC 59, and along NC 59 between Golfview Rd and Dove Dr.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening project. NCDOT plans to widen and/or improve Rockfish Rd from Golfview Rd to NC 59 (Hope Mills Rd), Golfview Rd between Rockfish Rd and NC 59, and along NC 59 near the intersection with Golfview Rd. The project will relocate approximately 11,000 LF of water mains. In addition, parallel mains will be installed along Rockfish Rd as betterment to provide improved and future services. NCDOT plans to start construction in FY 2025 and water main improvements are anticipated to be complete in FY 2026. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 95 - CPR1000398 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	20,000	35,000	0	0	0	0	55,000
Construction	0	5,400,000	0	0	0	0	5,400,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	30,000	0	0	0	0	60,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>50,000</b>	<b>5,465,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,515,000</b>
<i>Pre-FY2024 Exp</i>							<b>147,000</b>
<i>FY2024 Estimate</i>							<b>50,000</b>
<b>Total</b>							<b>5,712,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>39,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	50,000	65,000	0	0	0	0	115,000
NCDOT	0	5,400,000	0	0	0	0	5,400,000
<b>Total</b>	<b>50,000</b>	<b>5,465,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,515,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4403(B) Ramsey Street Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000293

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**BID DATE**

12/17/2030

**CONSTRUCTION START DATE**

02/15/2031

**EST. COMPLETION DATE**

08/08/2032

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

Relocate water mains along US 401 (Ramsey St) from US 401 Bus (Martin Luther King Freeway) to US 401 Bypass (Country Club Dr).

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening project. NCDOT plans to widen Ramsey St from Martin Luther King Freeway to Country Club Dr. A total of 20,000 LF water mains for relocation and improvements will be included in the NCDOT construction contracts. In 2022, evaluation of utility conflicts was initiated based on NCDOT's preliminary drawings. NCDOT plans to go to ROW in November 2028 (FY 2029) and start construction in FY 2031. Water main improvements are anticipated to be completed in FY 2033. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 96 - CPR1000312 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	150,000	150,000	300,000
Engineering	0	0	20,000	350,000	350,000	350,000	1,070,000
Construction	0	0	0	0	0	9,800,000	9,800,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	5,000	25,000	25,000	90,000	145,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>25,000</b>	<b>375,000</b>	<b>525,000</b>	<b>10,390,000</b>	<b>11,315,000</b>
<i>Pre-FY2024 Exp</i>							<b>188,000</b>
<i>FY2024 Estimate</i>							<b>40,000</b>
<b>Total</b>							<b>11,543,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>54,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	25,000	375,000	525,000	590,000	1,515,000
NCDOT	0	0	0	0	0	9,800,000	9,800,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>25,000</b>	<b>375,000</b>	<b>525,000</b>	<b>10,390,000</b>	<b>11,315,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4403(C) Ramsey Street Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000485

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

01/16/2029

**CONSTRUCTION START DATE**

03/15/2029

**EST. COMPLETION DATE**

03/15/2031

**PROJECT DESCRIPTION**

Relocate water mains along US 401 (Ramsey St) from US 401 Bypass (Country Club Dr) to Slocumb/Bethune Dr.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT road widening construction. NCDOT plans to widen Ramsey St from Country Club Dr to Slocumb/Bethune Dr. A total of 66,000 LF of water main relocation and improvements will be included in the NCDOT construction contracts. In 2022, evaluation of utility conflicts was initiated based on NCDOT's preliminary drawings. NCDOT plans to go to ROW in January 2026 (FY 2026) with the start of construction in FY 2029. Water main improvements are anticipated to be complete in FY 2031. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 97 - CPR1000487 for the Sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	100,000	200,000	200,000	50,000	550,000
Engineering	300,000	500,000	500,000	500,000	200,000	60,000	2,060,000
Construction	0	0	0	0	0	35,000,000	35,000,000
Equipment	0	0	0	0	0	0	0
Personnel	20,000	30,000	30,000	20,000	20,000	60,000	180,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>320,000</b>	<b>530,000</b>	<b>630,000</b>	<b>720,000</b>	<b>420,000</b>	<b>35,170,000</b>	<b>37,790,000</b>
<i>Pre-FY2024 Exp</i>							<b>51,000</b>
<i>FY2024 Estimate</i>							<b>40,000</b>
<b>Total</b>							<b>37,881,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	320,000	530,000	630,000	720,000	420,000	170,000	2,790,000
NCDOT	0	0	0	0	0	35,000,000	35,000,000
<b>Total</b>	<b>320,000</b>	<b>530,000</b>	<b>630,000</b>	<b>720,000</b>	<b>420,000</b>	<b>35,170,000</b>	<b>37,790,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**





**PROJECT TITLE**

NCDOT BP6R006 New Culvert Over Branson Creek On Raeford Road (SR 1414) Water Relocation

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000521

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

02/06/2024

**CONSTRUCTION START DATE**

04/06/2024

**EST. COMPLETION DATE**

11/06/2024

**PROJECT DESCRIPTION**

Relocate water mains along Raeford Rd (SR 1414) under Branson Creek.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT culvert replacement project. The 6-inch cast iron water main is in conflict with the new culvert and approximately 300 LF will need to be replaced with 380 LF of fusible PVC installed via directional drilling. Water main improvements must be completed by November 2024 (FY 2025) before NCDOT starts construction. Water relocations will not be included in the NCDOT construction contracts.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	65,000	0	0	0	0	0	65,000
Construction	370,000	0	0	0	0	0	370,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	0	0	0	0	0	30,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>465,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>465,000</b>
<i>Pre-FY2024 Exp</i>							<b>37,000</b>
<i>FY2024 Estimate</i>							<b>50,000</b>
<b>Total</b>							<b>552,000</b>

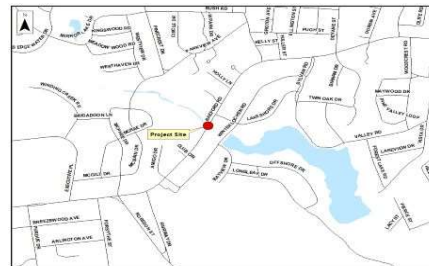
*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	465,000	0	0	0	0	0	465,000
<b>Total</b>	<b>465,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>465,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-4404 Cliffdale Road Widening - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000294

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

05/21/2030

**CONSTRUCTION START DATE**

07/21/2030

**EST. COMPLETION DATE**

06/21/2032

**PROJECT DESCRIPTION**

Relocate water mains along Cliffdale Rd from McPherson Church Rd to Morganton Rd.

**PROJECT JUSTIFICATION**

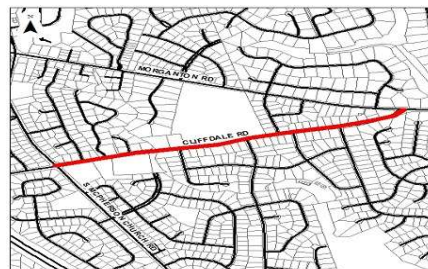
This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening project. There is a 36-inch water main serving the Cliffdale Rd Elevated Water Storage Tank and various small diameter mains in this corridor. PWC has estimated 25% of the water mains will be relocated. NCDOT plans to go to ROW in May 2028 (FY 2029) and start construction in FY 2031. Water main improvements are anticipated to be completed in FY 2032. NCDOT has indicated these lines need to be relocated lines ahead of the DOT project. If NCDOT includes the utility relocations in their construction contracts, reimbursement to NCDOT for this work will be made at the end of the project and water main improvements would be completed in FY 2032. See WS 98 - CPR1000313 for the sewer portion of the project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	100,000	200,000	20,000	140,000	460,000
Construction	0	0	0	0	0	5,000,000	5,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	10,000	10,000	10,000	40,000	70,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>110,000</b>	<b>210,000</b>	<b>30,000</b>	<b>5,180,000</b>	<b>5,530,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,530,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	110,000	210,000	30,000	180,000	530,000
NCDOT	0	0	0	0	0	5,000,000	5,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>110,000</b>	<b>210,000</b>	<b>30,000</b>	<b>5,180,000</b>	<b>5,530,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-4414 All-American Freeway widening from Owen Drive to Santa Fe Drive - Water

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Water Distribution System

**BUDGET CODE**

CPR1000114

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

331000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

01/18/2040

**CONSTRUCTION START DATE**

03/14/2040

**EST. COMPLETION DATE**

10/15/2043

**PROJECT DESCRIPTION**

Relocation of water mains in conflict with the NCDOT widening of the All-American Freeway to add an additional lane in each direction.

**PROJECT JUSTIFICATION**

NCDOT plans to widen SR 1007 All-American Freeway from Owen Dr to Santa Fe Dr with an additional lane in each direction. There are sewer and water mains in the project corridor which may be in conflict requiring relocation. NCDOT plans to go to right of way in FY 2028 and begin construction in FY 2040. See WS 99 CPR1000165 for the sewer portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	100,000	100,000	100,000	100,000	250,000	650,000
Construction	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	0	5,000	5,000	5,000	5,000	15,000	35,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>105,000</b>	<b>105,000</b>	<b>105,000</b>	<b>105,000</b>	<b>265,000</b>	<b>685,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>685,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	105,000	105,000	105,000	105,000	265,000	685,000
<b>Total</b>	<b>0</b>	<b>105,000</b>	<b>105,000</b>	<b>105,000</b>	<b>105,000</b>	<b>265,000</b>	<b>685,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Land and Land Rights - Sewer

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Land and Land Rights

**BUDGET CODE**

CPR1000124

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

310000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Land and Land Rights fees for miscellaneous sewer distribution system projects.

**PROJECT JUSTIFICATION**

This project includes the costs associated with the acquisition of land and land rights due to wastewater treatment and collection system projects. The need arises to purchase land and land rights for projects not associated with the Capital Improvement Plan.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	4,000	4,000	4,000	4,000	4,000	20,000	40,000
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	1,000	1,000	1,000	1,000	1,000	5,000	10,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>25,000</b>	<b>50,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>10,000</b>
<b>Total</b>							<b>60,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	5,000	5,000	5,000	5,000	5,000	25,000	50,000
<b>Total</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>25,000</b>	<b>50,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

New Sewer Service Laterals and Sewer Main Extensions

**MANAGER**

Chris Rainey

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000125

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Installation of new services and sewer main extensions to serve new customers.

**PROJECT JUSTIFICATION**

This project includes the installation of new sewer services and new main extensions by PWC and/or contractor forces to serve new customers. This project also includes the installation of parallel mains where needed. This project will add new customer base and provide system growth. An estimated 50 new customers will be added each year. Revenue is based on 50 new customers times the connection fee of \$7,352 and 50 customers times the average bill of \$36.70 times 12 months. The FY 2025 budget includes anticipated costs to participate in up-sizing sewer mains as part of developer-led projects.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	75,000	79,000	83,000	87,000	91,000	531,000	946,000
Construction	275,000	289,000	303,000	318,000	334,000	1,939,000	3,458,000
Equipment	80,000	84,000	88,000	92,000	97,000	563,000	1,004,000
Personnel	125,000	131,000	138,000	145,000	152,000	883,000	1,574,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>555,000</b>	<b>583,000</b>	<b>612,000</b>	<b>642,000</b>	<b>674,000</b>	<b>3,916,000</b>	<b>6,982,000</b>
<i>Pre-FY2024 Exp</i>							<b>22,395,000</b>
<i>FY2024 Estimate</i>							<b>600,000</b>
<b>Total</b>							<b>29,977,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>619,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	555,000	583,000	612,000	642,000	674,000	3,916,000	6,982,000
<b>Total</b>	<b>555,000</b>	<b>583,000</b>	<b>612,000</b>	<b>642,000</b>	<b>674,000</b>	<b>3,916,000</b>	<b>6,982,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>245,000</b>



**PROJECT TITLE**

Sewer Lateral Renewals (PWC Forces)

**MANAGER**

Chris Rainey

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000126

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Replace sewer laterals that have reached their life expectancy.

**PROJECT JUSTIFICATION**

This project will replace existing sewer laterals that have reached or exceeded their life expectancy and are not cost effective to repair. Renewing services defers or reduces operating maintenance costs and reduces inflow and infiltration into the collection system. This work is also coordinated with NCDOT and City Street Resurfacing and Streetscape projects to avoid cutting pavement in streets that have been recently resurfaced.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	430,000	441,000	452,000	463,000	475,000	2,558,000	4,819,000
Personnel	378,000	387,000	397,000	407,000	417,000	2,281,000	4,267,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>808,000</b>	<b>828,000</b>	<b>849,000</b>	<b>870,000</b>	<b>892,000</b>	<b>4,839,000</b>	<b>9,086,000</b>
<i>Pre-FY2024 Exp</i>							<b>13,223,000</b>
<i>FY2024 Estimate</i>							<b>850,000</b>
<b>Total</b>							<b>23,159,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>981,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	808,000	828,000	849,000	870,000	892,000	4,839,000	9,086,000
<b>Total</b>	<b>808,000</b>	<b>828,000</b>	<b>849,000</b>	<b>870,000</b>	<b>892,000</b>	<b>4,839,000</b>	<b>9,086,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>88,000</b>



**PROJECT TITLE**

Sanitary Sewer Manhole Rehabilitation

**MANAGER**

John Cashwell

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000127

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

10/05/2023

**CONSTRUCTION START DATE**

02/01/2024

**EST. COMPLETION DATE**

Ongoing

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**PROJECT DESCRIPTION**

Rehabilitation of various manholes throughout the sewer collection system.

**PROJECT JUSTIFICATION**

This project will include labor and materials to rehabilitate deteriorated sanitary sewer manholes at various locations in the PWC collection system by contract. No new customers will be gained by this work. This work is needed to maintain the integrity of PWC's system. The budget will increase in order to rehabilitate or replace 1% of the system in accordance with the asset management plan.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	2,450,000	2,450,000	2,950,000	2,450,000	2,950,000	17,250,000	30,500,000
Equipment	0	0	0	0	0	0	0
Personnel	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>3,000,000</b>	<b>2,500,000</b>	<b>3,000,000</b>	<b>17,500,000</b>	<b>31,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>20,725,000</b>
<i>FY2024 Estimate</i>							<b>1,250,000</b>
<b>Total</b>							<b>52,975,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>2,043,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	2,500,000	2,500,000	3,000,000	2,500,000	3,000,000	17,500,000	31,000,000
<b>Total</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>3,000,000</b>	<b>2,500,000</b>	<b>3,000,000</b>	<b>17,500,000</b>	<b>31,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Sanitary Sewer Main Rehabilitation

**MANAGER**

John Cashwell

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000128

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

06/23/2022

**CONSTRUCTION START DATE**

11/28/2022

**EST. COMPLETION DATE**

06/30/2034

**PROJECT DESCRIPTION**

Rehabilitation of sanitary sewer mains throughout the sewer collection system.

**PROJECT JUSTIFICATION**

This project will include labor and materials to rehabilitate deteriorated sanitary sewer mains (SM) of various sizes and locations in the PWC collection system by contract. No new customers will be gained by this work. This work is needed to maintain the integrity of PWC's system. Additionally, deteriorated sewer laterals will be replaced/rehabilitated as part of this effort. The budget will increase in order to rehabilitate or replace 1% of the system in accordance with the asset management plan. This budget also includes cost for Bordeaux Shopping Center 8-inch SM Replacement (FY 2025) and the ARPA Sewer Main Rehabilitation project (FY 2025). In FY 2025, we will have an annual sewer construction project starting that will complete projects to small to bid out by themselves.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	20,000	0	0	0	0	0	20,000
Engineering	0	0	0	0	0	0	0
Construction	8,923,000	7,400,000	7,400,000	7,900,000	6,900,000	39,000,000	77,523,000
Equipment	0	0	0	0	0	0	0
Personnel	380,000	350,000	350,000	350,000	350,000	1,750,000	3,530,000
Other	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
<b>Total</b>	<b>9,423,000</b>	<b>7,850,000</b>	<b>7,850,000</b>	<b>8,350,000</b>	<b>7,350,000</b>	<b>41,250,000</b>	<b>82,073,000</b>
<i>Pre-FY2024 Exp</i>							<b>76,366,000</b>
<i>FY2024 Estimate</i>							<b>2,700,000</b>
<b>Total</b>							<b>161,139,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>6,641,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	4,450,000	7,850,000	7,850,000	8,350,000	7,350,000	41,250,000	77,100,000
Grants	4,973,000	0	0	0	0	0	4,973,000
<b>Total</b>	<b>9,423,000</b>	<b>7,850,000</b>	<b>7,850,000</b>	<b>8,350,000</b>	<b>7,350,000</b>	<b>41,250,000</b>	<b>82,073,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**SANITARY SEWER MAIN REHABILITATION**

**PROJECT TITLE**

Lift Station Rehabilitation

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000390

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Rehabilitation of various lift station wet wells and pump upgrades with eradicator kits.

**PROJECT JUSTIFICATION**

The wet wells are suffering from deterioration caused by hydrogen sulfide damage and resulting in need for rehabilitation. This work involves coating the interior of the wet well with epoxy and generally coating the pumps/piping as well and is necessary to maintain the integrity of the lift stations. The eradicator upgrade kits will be installed to prevent buildup of rags and debris inside the pump which interfere with the operation of the pump.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	530,000	530,000	675,000	670,000	670,000	2,165,000	5,240,000
Equipment	40,000	40,000	45,000	50,000	50,000	105,000	330,000
Personnel	30,000	30,000	30,000	30,000	30,000	80,000	230,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>600,000</b>	<b>600,000</b>	<b>750,000</b>	<b>750,000</b>	<b>750,000</b>	<b>2,350,000</b>	<b>5,800,000</b>
<i>Pre-FY2024 Exp</i>							<b>2,711,000</b>
<i>FY2024 Estimate</i>							<b>300,000</b>
<b>Total</b>							<b>8,811,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>620,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	600,000	600,000	750,000	750,000	750,000	2,350,000	5,800,000
<b>Total</b>	<b>600,000</b>	<b>600,000</b>	<b>750,000</b>	<b>750,000</b>	<b>750,000</b>	<b>2,350,000</b>	<b>5,800,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Lift Station Electrical Upgrades

**MANAGER**

John Cashwell

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000442

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

10/15/2028

**CONSTRUCTION START DATE**

02/15/2029

**EST. COMPLETION DATE**

06/30/2032

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**PROJECT DESCRIPTION**

Replacement of the electrical and mechanical controls at the East Fayetteville, Cargill, and Lock's Creek Lift Stations (LS).

**PROJECT JUSTIFICATION**

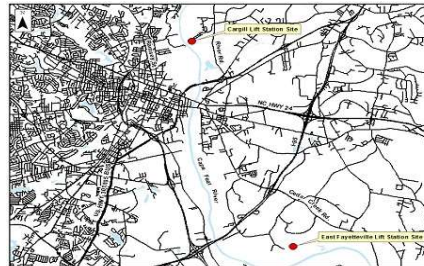
This project involves replacement of the electrical and mechanical controls at the East Fayetteville Lift Station, Cargill Lift Station, and Lock's Creek Lift Station. All lift stations were constructed over 30 years ago and replacement parts for the electrical and mechanical controls are becoming obsolete. Additionally, PWC will look at upgrading to variable frequency drives to allow for smoother starts and stops reducing stresses on the force mains and associated piping. The Cargill LS controls are subject to flooding which will be raised as part of this project. A preliminary engineering report will be completed for each lift station in order to review options and determine a final design. This work is necessary to facilitate operation and maintenance of the lift stations.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	180,000	475,000	550,000	1,000,000	2,205,000
Construction	0	0	0	0	900,000	7,500,000	8,400,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	20,000	40,000	60,000	120,000	240,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>515,000</b>	<b>1,510,000</b>	<b>8,620,000</b>	<b>10,845,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>10,845,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	200,000	515,000	1,510,000	8,620,000	10,845,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>515,000</b>	<b>1,510,000</b>	<b>8,620,000</b>	<b>10,845,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

North Fayetteville Lift Station Upgrades - Phase 4

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000426

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<u>          </u>	X
Expansion	<u>          </u>	X
New	<u>          </u>	
Renovation	<u>          </u>	

**BID DATE**

03/15/2029

**CONSTRUCTION START DATE**

07/15/2029

**EST. COMPLETION DATE**

11/15/2032

**PROJECT DESCRIPTION**

Install mechanical and electrical upgrades to the North Fayetteville Lift Station #48.

**PROJECT JUSTIFICATION**

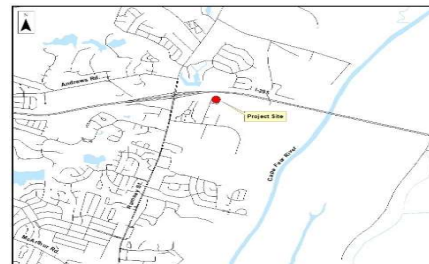
The electrical and mechanical controls at the N. Fayetteville Lift Station (LS #48) are 30 years old and it is becoming difficult to find replacement parts. PWC completed the preliminary evaluation and the design engineering in FY 2022. This project will install mechanical and electrical upgrades needed to efficiently operate and maintain the lift station as well as to serve the expected growth in the North Fayetteville area. The anticipated capacity will increase to 9 MGD.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	120,000	440,000	560,000
Construction	0	0	0	0	0	6,000,000	6,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	15,000	60,000	75,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>135,000</b>	<b>6,500,000</b>	<b>6,635,000</b>
<i>Pre-FY2024 Exp</i>							<b>382,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>7,017,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	135,000	6,500,000	6,635,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>135,000</b>	<b>6,500,000</b>	<b>6,635,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Longview Lift Station and Force Main Upgrade

**MANAGER**

John Cashwell

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000311

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____ X _____

**BID DATE**

04/01/2024

**CONSTRUCTION START DATE**

07/15/2024

**EST. COMPLETION DATE**

09/30/2025

**PROJECT DESCRIPTION**

Upgrade the Longview Lift Station and North Fayetteville Force Main.

**PROJECT JUSTIFICATION**

This project will upgrade the existing Longview Lift Station and Force Main. The lift station currently operates at about 90% of capacity. The station is located just south of Methodist University east of Ramsey Street. This area is expected to have continued growth. This service area includes annexation areas 30 & 31, which are scheduled to begin construction in 2023 (calendar year). This service area also includes at least one known development for a new shopping center. Engineering design was completed in FY 2024 with construction set for in FY 2025 and wrap up in FY 2026.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	40,000	30,000	0	0	0	0	70,000
Construction	1,500,000	500,000	0	0	0	0	2,000,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	10,000	0	0	0	0	40,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,570,000</b>	<b>540,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,110,000</b>
<i>Pre-FY2024 Exp</i>							<b>190,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,300,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>57,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	1,570,000	540,000	0	0	0	0	2,110,000
<b>Total</b>	<b>1,570,000</b>	<b>540,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,110,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Replace Lift Station #72 - Cypress Lakes #1

**MANAGER**

John Cashwell

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000498

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

11/15/2024

**CONSTRUCTION START DATE**

02/13/2025

**EST. COMPLETION DATE**

08/07/2026

**PROJECT DESCRIPTION**

Replace the above ground Cypress Lakes Lift Station #72 with a submersible pump lift station and 11,000-feet of new 16-inch force main.

**PROJECT JUSTIFICATION**

The existing Cypress Lakes #1 Lift Station (PWC Lift Station #72) is presently operating near maximum capacity. Recent and proposed residential development in this service area requires the pump rate be increased to maintain regulatory compliance. This project will construct a new submersible pump lift station to replace the existing above-ground configured station. Engineering design will be completed in FY 2024 with bidding and construction to follow in FY 2025 through the beginning of FY 2027.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	25,000	0	0	0	0	0	25,000
Engineering	20,000	20,000	10,000	0	0	0	50,000
Construction	500,000	3,740,000	550,000	0	0	0	4,790,000
Equipment	0	0	0	0	0	0	0
Personnel	5,000	20,000	10,000	0	0	0	35,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>550,000</b>	<b>3,780,000</b>	<b>570,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,900,000</b>
<i>Pre-FY2024 Exp</i>							<b>36,000</b>
<i>FY2024 Estimate</i>							<b>100,000</b>
<b>Total</b>							<b>5,036,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>18,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	550,000	3,780,000	570,000	0	0	0	4,900,000
<b>Total</b>	<b>550,000</b>	<b>3,780,000</b>	<b>570,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,900,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

DAK/DTF Lift Station Upgrades

**MANAGER**

Misty Manning

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000551

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

08/01/2027

**CONSTRUCTION START DATE**

03/15/2028

**EST. COMPLETION DATE**

06/30/2029

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**PROJECT DESCRIPTION**

DAK/DTF Lift Station Upgrades.

**PROJECT JUSTIFICATION**

This project will extend approximately 4,200 LF of new 12-inch gravity outfall, replace approximately 1,300 LF of force main, and complete upgrades to the existing DAK/DTF Lift Station. The DAK/DTF lift station currently is not in operation. However, J.W. Seabrook School has a 4-inch force main that discharges to the gravity portion of the existing DAK/DTF force main. Additionally, there is proposed development at the former DAK/DTF/Wellman plant that needs sewer service and has applied for a permit from the State. As part of their permit review, the State has determined that the Seabrook School force main connection is not in compliance with standard permit requirements, and a variance will be needed for it to continue to operate. Additionally, if the proposed development is to connect to the DAK/DTF force main, it will also require a variance from standard permit requirements. Should the State grant the variance for both Seabrook and the proposed development, it would be in effect for no more than 5 years. This project will allow the force main from Seabrook School to discharge to a gravity main, install a gravity main in lieu of the existing force main, and upgrade the DAK/DTF lift station to operate in accordance with State requirements and eliminate the need for a variance.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	50,000	0	0	50,000
Engineering	0	0	200,000	400,000	200,000	0	800,000
Construction	0	0	0	1,000,000	3,500,000	0	4,500,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	30,000	30,000	30,000	0	90,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>230,000</b>	<b>1,480,000</b>	<b>3,730,000</b>	<b>0</b>	<b>5,440,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,440,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	230,000	1,480,000	3,730,000	0	5,440,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>230,000</b>	<b>1,480,000</b>	<b>3,730,000</b>	<b>0</b>	<b>5,440,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Phase V Annexation

**MANAGER**

Allan Riddle

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000130

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

06/01/2009

**CONSTRUCTION START DATE**

11/12/2009

**EST. COMPLETION DATE**

06/30/2031

**PROJECT DESCRIPTION**

Installation of new sewer lines to serve customers in areas annexed by the City of Fayetteville.

**PROJECT JUSTIFICATION**

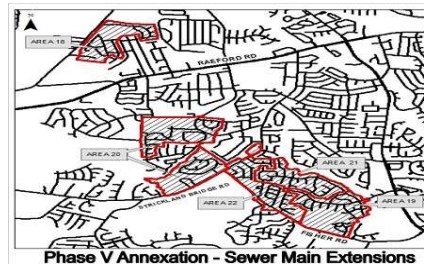
This project will provide sewer service to the construction areas for phase V annexation. These areas were annexed into the City of Fayetteville in 2005. Design for construction areas began in FY 2009. Each fiscal year thereafter, the next two consecutive construction areas will have sewer installed. Connection rates are assumed to be 50% first year, 10% second year, and 5% each year after. The assumed revenue per customer is \$36.68 with no escalation of the revenue over time.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	1,023,000	1,235,000	1,875,000	2,943,000	1,911,000	447,000	9,434,000
Engineering	3,629,000	2,907,000	2,885,000	2,948,000	1,460,000	6,004,000	19,833,000
Construction	15,832,000	21,350,000	18,362,000	17,251,000	11,714,000	62,582,000	147,091,000
Equipment	0	0	0	0	0	0	0
Personnel	341,000	276,000	240,000	276,000	316,000	1,290,000	2,739,000
Other	55,000	77,000	61,000	74,000	52,000	272,000	591,000
<b>Total</b>	<b>20,880,000</b>	<b>25,845,000</b>	<b>23,423,000</b>	<b>23,492,000</b>	<b>15,453,000</b>	<b>70,595,000</b>	<b>179,688,000</b>
<i>Pre-FY2024 Exp</i>							<b>125,278,000</b>
<i>FY2024 Estimate</i>							<b>13,413,000</b>
<b>Total</b>							<b>318,379,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>12,534,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Annex V Reserve	20,880,000	25,845,000	23,423,000	23,492,000	15,453,000	70,595,000	179,688,000
<b>Total</b>	<b>20,880,000</b>	<b>25,845,000</b>	<b>23,423,000</b>	<b>23,492,000</b>	<b>15,453,000</b>	<b>70,595,000</b>	<b>179,688,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(32,242,000)
Capital Outlays	0
New Revenue	26,856,000
<b>Total</b>	<b>(5,386,000)</b>



**PROJECT TITLE**

16-inch Aerial Crossing Replacement at Methodist University

**MANAGER**

John Cashwell

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000548

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<u>        </u> X <u>        </u>
Expansion	<u>        </u> <u>        </u>
New	<u>        </u> X <u>        </u>
Renovation	<u>        </u> <u>        </u>

**BID DATE**

10/01/2024

**CONSTRUCTION START DATE**

01/01/2025

**EST. COMPLETION DATE**

01/31/2026

**PROJECT DESCRIPTION**

Replace the existing 16-inch ductile iron aerial sewer crossing and supports at the end of Lower Field Dr at Methodist University.

**PROJECT JUSTIFICATION**

High stream flows during heavy rain fall events have caused the piers for the 16-inch aerial crossing to become undermined and unstable, threatening the integrity of the aerial crossing. The aerial crossing was constructed in 1957 and has reached the end of its service life. Replacement is necessary to ensure no additional damage occurs due to high flow events.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	50,000	20,000	0	0	0	0	70,000
Construction	1,000,000	750,000	0	0	0	0	1,750,000
Equipment	0	0	0	0	0	0	0
Personnel	25,000	10,000	0	0	0	0	35,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,075,000</b>	<b>780,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,855,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>1,855,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	1,075,000	780,000	0	0	0	0	1,855,000
<b>Total</b>	<b>1,075,000</b>	<b>780,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,855,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

East Cole Street Sewer Aerial Crossing Replacement

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000510

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

08/15/2032

**CONSTRUCTION START DATE**

11/15/2032

**EST. COMPLETION DATE**

08/30/2033

**PROJECT DESCRIPTION**

Replace the 16" diameter steel sewer aerial crossing and supporting structures between Red Mill Ln and E. Cole St in Hope Mills.

**PROJECT JUSTIFICATION**

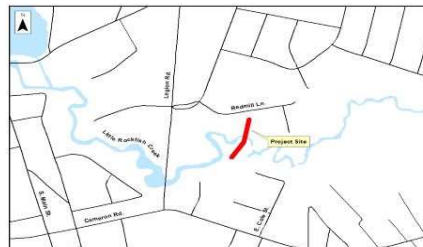
The replacement is necessary due to corroded strap anchor bolts, saddles, dresser couplings, bents, etc. The creek bank has eroded, and the creek bed is lower than original drawings indicate, meaning the embedment depths are unknown and pile capacities effected. The exterior pipe coating has degraded and spot corrosion with localized pitting exists over a 390 LF span of the aerial crossing with the thinnest spot located over the creek in the most critical span of the pipe.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	195,000	195,000
Construction	0	0	0	0	0	1,237,000	1,237,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	40,000	40,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,472,000</b>	<b>1,472,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>1,472,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	1,472,000	1,472,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,472,000</b>	<b>1,472,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Lamon Street Aerial Sewer Replacement

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000443

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

10/15/2028

**CONSTRUCTION START DATE**

01/15/2029

**EST. COMPLETION DATE**

09/30/2029

**PROJECT DESCRIPTION**

Replace the existing 42-inch Lamon St aerial sewer crossing near the Cross Creek Water Reclaim Facility.

**PROJECT JUSTIFICATION**

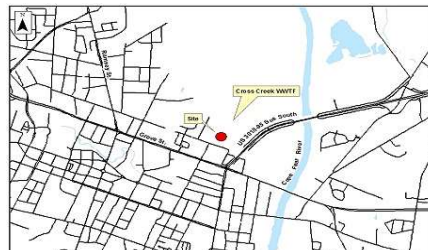
This crossing has been damaged and the piers have been undermined multiple times. Inspections prior to Hurricane Matthew and Hurricane Florence indicated that repairs of the structure would be necessary. Inspections after these hurricanes revealed additional damages necessitating replacement of the structure. The size of the sanitary sewer main will be increased as part of this project as well in anticipation for increased future flows.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	550,000	10,000	50,000	40,000	650,000
Construction	0	0	0	0	3,900,000	2,100,000	6,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	15,000	15,000	15,000	15,000	60,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>565,000</b>	<b>25,000</b>	<b>3,965,000</b>	<b>2,155,000</b>	<b>6,710,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>6,710,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	565,000	25,000	3,965,000	2,155,000	6,710,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>565,000</b>	<b>25,000</b>	<b>3,965,000</b>	<b>2,155,000</b>	<b>6,710,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Replacement of Sewer Mains in Dams

**MANAGER**

John Cashwell

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000511

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

12/15/2032

**CONSTRUCTION START DATE**

04/15/2033

**EST. COMPLETION DATE**

06/30/2036

**PROJECT DESCRIPTION**

Remove and relocate existing sewer mains that are within the footprint of existing dams.

**PROJECT JUSTIFICATION**

This project will replace and relocate existing water mains that are located within the footprint of existing dams. PWC undertook an evaluation of the existing water mains and identified many locations where the existing water main is within the dam embankment. Failure of these water mains would likely result in failure of the dam structure, resulting in social and economic losses. Relocation of the water mains outside of the dam embankment minimizes the risk of the water main failing and the impacts to the utility should the dam fail.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	140,000	140,000
Engineering	0	0	0	0	0	2,350,000	2,350,000
Construction	0	0	0	0	0	2,650,000	2,650,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	90,000	90,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,230,000</b>	<b>5,230,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,230,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	5,230,000	5,230,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,230,000</b>	<b>5,230,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

McFadyen Lake Sewer Main Rehabilitation

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000446

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input type="checkbox"/>
Renovation	<input checked="" type="checkbox"/>

**BID DATE**

12/01/2028

**CONSTRUCTION START DATE**

04/15/2029

**EST. COMPLETION DATE**

06/30/2030

**PROJECT DESCRIPTION**

Rehabilitation of sewer main outfall along and under McFadyen Lake from Youngberry St to Cliffdale Rd.

**PROJECT JUSTIFICATION**

This project would line approximately 6,000 LF of 27-inch concrete sewer main from Youngberry St to Cliffdale Rd. This existing outfall runs along and under McFadyen Lake. Recent closed circuit television (CCTV) inspections have found infiltration and deterioration of the concrete main. Given the location of the main and the difficult access, it is anticipated that this project may be constructed as a design-build or a Construction Manager At Risk (CMAR) project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	190,000	285,000	475,000
Construction	0	0	0	0	915,000	2,285,000	3,200,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	15,000	15,000	30,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,120,000</b>	<b>2,585,000</b>	<b>3,705,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,705,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	1,120,000	2,585,000	3,705,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,120,000</b>	<b>2,585,000</b>	<b>3,705,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Murchison Road Sewer Improvements, (Jasper St. to Murchison Rd.)

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000139

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

04/15/2024

**CONSTRUCTION START DATE**

08/15/2024

**EST. COMPLETION DATE**

06/30/2030

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input type="checkbox"/>
Renovation	<input checked="" type="checkbox"/>

**PROJECT DESCRIPTION**

Replace high-density polyethylene pipe sewer main with ductile iron pipe along Jasper St to Murchison Rd.

**PROJECT JUSTIFICATION**

This project involves the replacement of approximately 3,700 LF of 8-inch high-density polyethylene pipe (HDPE)-lined vitrified clay sewer mains with new 12-inch ductile iron pipe sewer mains and replace approximately 1,750 LF of 8-inch and 10-inch sewer mains with new 12-inch ductile iron pipe sewer mains. Phase 1 of the project will be completed in FY 2025, as Fayetteville State University will be doing work within the project area. Phase 1 will replace approximately 1,000 LF. The remaining portion of the work is scheduled to start in FY 2029. Replacement of the 8-inch HDPE-lined mains will reduce the likelihood of future sewer spills and facilitate maintenance activities. Replacement of the 8-inch and 10-inch sewer main is necessary to carry the peak wet weather flows into this drainage basin. This project was initially identified in the 2008 Cross Creek Sanitary Sewer Master Plan. Recent flow monitoring and modeling confirmed that the existing lines were unable to carry the peak wet weather flows.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Expenses</b>							
Land	0	0	0	50,000	0	0	50,000
Engineering	0	0	0	0	0	0	0
Construction	1,200,000	0	0	0	2,500,000	3,000,000	6,700,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	0	0	20,000	30,000	30,000	110,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,230,000</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>2,530,000</b>	<b>3,030,000</b>	<b>6,860,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>10,000</b>
<b>Total</b>							<b>6,870,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	FY2025	FY2026	FY2027	FY2028	FY2029	FY30-FY34	Total
<b>Funding Source</b>							
Water/Sewer Fund	1,230,000	0	0	70,000	2,530,000	3,030,000	6,860,000
<b>Total</b>	<b>1,230,000</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>2,530,000</b>	<b>3,030,000</b>	<b>6,860,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Branson Creek Interceptor Replacement, Phase I

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000393

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

03/15/2031

**CONSTRUCTION START DATE**

09/15/2031

**EST. COMPLETION DATE**

06/30/2032

**PROJECT DESCRIPTION**

Replace clay sewer mains between Cliffdale Rd and Murray Hill Rd.

**PROJECT JUSTIFICATION**

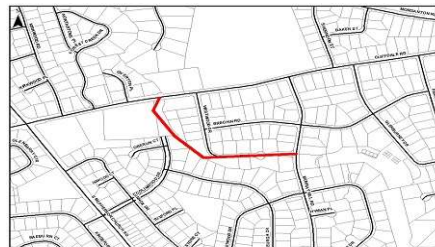
The project will replace approximately 2,600 LF of 8-inch and 12-inch vitrified clay sewer mains between Cliffdale Rd and Murray Hill Rd. This section of sewer has parallel mains, exposed pipe in Branson Creek, reverse slopes, and limited capacity during wet weather events. This project will replace the existing mains with a new 12-inch main. The condition of the mains make them unsuitable for lining. Engineering is expected to start in FY 2029 and the project is expected to be completed in FY 2032.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	100,000	100,000
Engineering	0	0	0	0	50,000	250,000	300,000
Construction	0	0	0	0	0	1,500,000	1,500,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	10,000	60,000	70,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>1,910,000</b>	<b>1,970,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>1,970,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	60,000	1,910,000	1,970,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>1,910,000</b>	<b>1,970,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Branson Creek Interceptor Replacement, Phase II

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000394

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

03/15/2032

**CONSTRUCTION START DATE**

09/15/2032

**EST. COMPLETION DATE**

06/30/2033

**PROJECT DESCRIPTION**

Replace concrete sewer main between Murray Hill Rd and Fairfield Rd.

**PROJECT JUSTIFICATION**

The project will replace approximately 4,000 LF of 15-inch concrete sewer main between Murray Hill Rd and Fairfield Rd. This section of sewer has exposed pipe in Branson Creek and limited capacity during wet weather events. This project will replace the existing main with a new 16-inch main. The condition of the main makes it unsuitable for lining. Engineering is expected to start in FY 2030 and the project is expected to be completed in FY 2033.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	100,000	100,000
Engineering	0	0	0	0	0	500,000	500,000
Construction	0	0	0	0	0	3,000,000	3,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	90,000	90,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,690,000</b>	<b>3,690,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,690,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	3,690,000	3,690,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,690,000</b>	<b>3,690,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Replacement of the Cross Creek Outfall, Greensboro Street to Hillsboro Street

**MANAGER**

Misty Manning

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000447

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<u>          </u> X <u>          </u>
Expansion	<u>          </u>
New	<u>          </u> X <u>          </u>
Renovation	<u>          </u>

**BID DATE**

03/15/2026

**CONSTRUCTION START DATE**

09/15/2026

**EST. COMPLETION DATE**

06/30/2028

**PROJECT DESCRIPTION**

Replace 36-inch concrete sewer outfall between Greensboro St and Hillsboro St.

**PROJECT JUSTIFICATION**

This project would relocate approximately 2,000 LF of 36-inch concrete sewer outfall between Greensboro St and Hillsboro St. During easement negotiations for the rehabilitation of the Cross Creek Outfall, it was discovered that PWC has an existing 10-foot wide easement through the middle of 601 Hillsboro St. This easement restricts PWC's ability to perform operation and maintenance on the sewer main and the property owner was not willing to renegotiate the easement. It was determined that installing a new sewer outfall along the perimeter of 601 Hillsboro St was the most feasible option for PWC. Design was completed in FY 2022 with construction starting in FY 2027.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	75,000	0	0	0	0	0	75,000
Engineering	0	100,000	100,000	100,000	0	0	300,000
Construction	0	0	3,300,000	4,500,000	0	0	7,800,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	20,000	30,000	30,000	0	0	90,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>85,000</b>	<b>120,000</b>	<b>3,430,000</b>	<b>4,630,000</b>	<b>0</b>	<b>0</b>	<b>8,265,000</b>
<i>Pre-FY2024 Exp</i>							<b>293,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>8,558,000</b>

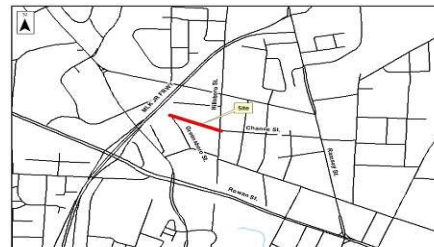
*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	85,000	120,000	3,430,000	4,630,000	0	0	8,265,000
<b>Total</b>	<b>85,000</b>	<b>120,000</b>	<b>3,430,000</b>	<b>4,630,000</b>	<b>0</b>	<b>0</b>	<b>8,265,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Line 54" Outfall - Research Drive to I-95

**MANAGER**

Kevin Heaphy

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000194

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

02/15/2024

**CONSTRUCTION START DATE**

08/15/2024

**EST. COMPLETION DATE**

10/30/2026

**PROJECT DESCRIPTION**

Line the 54-inch concrete outfall from Research Dr to Interstate 95 to include the associated maintenance road and earth stabilization improvements.

**PROJECT JUSTIFICATION**

This design build project will line approximately 4,000 LF of 54-inch concrete outfall from Research Dr to I-95 and is the second of several to rehabilitate the outfall between HWY 301 to the Rockfish Creek WRF. CCTV inspections indicate that the outfall has hydrogen sulfide damage with several sections of exposed rebar. The project is located within a 50-foot-wide easement that runs along the north side of Rockfish Creek. Within this section of outfall, there is 800 LF of a maintenance access road on the east side of I-95 that is not stable enough to support vehicular traffic. There is also 200 LF of very unstable earthen embankment. There is concern that the embankment could fail through erosion and utilization by maintenance vehicle traffic. After the design-build team selected is under contract in FY 2024, design will be performed in FY 2024 and FY 2025. The construction of improvements and lining will be complete by FY 2027.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	180,000	40,000	0	0	0	0	220,000
Engineering	1,600,000	240,000	80,000	0	0	0	1,920,000
Construction	2,900,000	8,500,000	2,800,000	0	0	0	14,200,000
Equipment	0	0	0	0	0	0	0
Personnel	40,000	40,000	40,000	0	0	0	120,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>4,720,000</b>	<b>8,820,000</b>	<b>2,920,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,460,000</b>
<i>Pre-FY2024 Exp</i>							<b>170,000</b>
<i>FY2024 Estimate</i>							<b>660,000</b>
<b>Total</b>							<b>17,290,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>48,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	4,720,000	8,820,000	2,920,000	0	0	0	16,460,000
<b>Total</b>	<b>4,720,000</b>	<b>8,820,000</b>	<b>2,920,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,460,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Line Beaver Creek Outfall, Phase II

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000291

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

04/01/2028

**CONSTRUCTION START DATE**

10/01/2028

**EST. COMPLETION DATE**

06/30/2029

**PROJECT DESCRIPTION**

Line the 42-inch concrete outfall from Blairwood Dr to Mango Circle.

**PROJECT JUSTIFICATION**

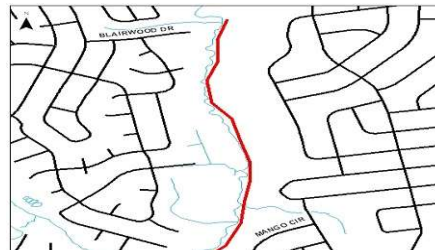
This project would line approximately 3,200 LF of 42-inch concrete outfall from Blairwood Dr to Mango Circle. Recent CCTV inspections indicate that this section of outfall has hydrogen sulfide damage and is in need of rehabilitation. Further, modeling based on flow monitor data indicates that this section of outfall has a significant amount of groundwater infiltration. Failure of this outfall would result in significant construction, environmental, and social costs.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	5,800,000	0	5,800,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	50,000	50,000	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>5,850,000</b>	<b>0</b>	<b>5,900,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,900,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	50,000	5,850,000	0	5,900,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>5,850,000</b>	<b>0</b>	<b>5,900,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Line the Beaver Creek Outfall, Phase III

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000143

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

04/01/2030

**CONSTRUCTION START DATE**

10/01/2030

**EST. COMPLETION DATE**

06/30/2031

**PROJECT DESCRIPTION**

Line the 42-inch concrete outfall from Mango Circle to Briarwood Dr.

**PROJECT JUSTIFICATION**

This project will line approximately 4,000 LF of the Beaver Creek Outfall. This outfall is 42-inch concrete pipe and serves a large area west of Hope Mills Rd. Failure of this main would result in significant construction, environmental, and social costs. A video inspection of the main indicates that deterioration and infiltration is occurring, and rehabilitation is necessary to maintain its integrity.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	7,200,000	7,200,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	100,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,300,000</b>	<b>7,300,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>7,300,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	7,300,000	7,300,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,300,000</b>	<b>7,300,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Line 54" Outfall - I-95 to Claude Lee Road

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000195

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

04/01/2027

**CONSTRUCTION START DATE**

10/01/2027

**EST. COMPLETION DATE**

06/30/2028

**PROJECT DESCRIPTION**

Line 54-inch concrete outfall from Interstate 95 to Claude Lee Rd.

**PROJECT JUSTIFICATION**

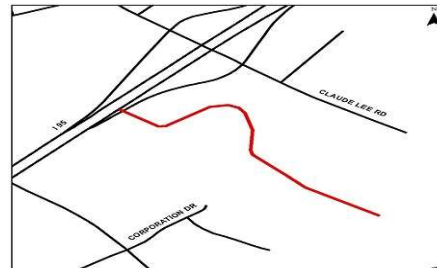
This project would line approximately 3,200 LF of 54-inch concrete outfall from Interstate 95 to Claude Lee Rd. Recent CCTV inspections indicate that this section of outfall has hydrogen sulfide damage and is in need of rehabilitation. There are several sections of this outfall that have exposed rebar. Failure of this outfall would result in significant construction, environmental, and social costs. This project is the third of several that will rehabilitate the 54-inch outfall from HWY 301 to the Rockfish Creek Water Reclamation Facility.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	20,000	20,000	0	0	40,000
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	6,600,000	0	0	6,600,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	30,000	30,000	0	0	60,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>6,650,000</b>	<b>0</b>	<b>0</b>	<b>6,700,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>6,700,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	50,000	6,650,000	0	0	6,700,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>6,650,000</b>	<b>0</b>	<b>0</b>	<b>6,700,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Line Beaver Creek Outfall, Phase IV

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000378

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

04/01/2032

**CONSTRUCTION START DATE**

10/01/2032

**EST. COMPLETION DATE**

06/30/2033

**PROJECT DESCRIPTION**

Line the 42-inch concrete outfall from Queensdale Dr to George Owen Rd (NC 162).

**PROJECT JUSTIFICATION**

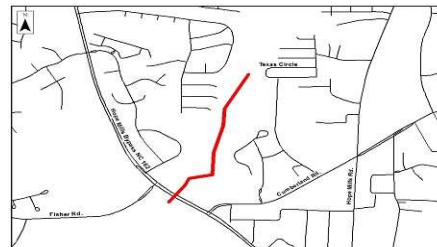
This project will line approximately 4,300 LF of Beaver Creek Outfall. This outfall is 42-inch concrete pipe and serves a large area west of Hope Mills Rd. Failure of this main would result in significant construction, environmental, and social costs. A video inspection of the main indicates that deterioration and infiltration is occurring, and rehabilitation is necessary to maintain its integrity.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	7,800,000	7,800,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	100,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900,000</b>	<b>7,900,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>7,900,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	7,900,000	7,900,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900,000</b>	<b>7,900,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Line 54-Inch Outfall, Claude Lee Road to Laurelwood Place

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000449

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

04/01/2029

**CONSTRUCTION START DATE**

10/01/2029

**EST. COMPLETION DATE**

06/30/2030

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____ X _____

**PROJECT DESCRIPTION**

Line 54-inch concrete outfall from Claude Lee Rd to Laurelwood Place.

**PROJECT JUSTIFICATION**

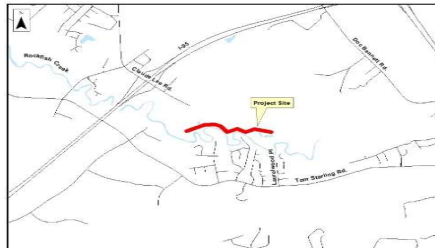
This project would line approximately 4,600 LF of 54-inch concrete outfall from Claude Lee Rd to Laurelwood Place. Recent CCTV inspections indicate that this section of outfall has hydrogen sulfide damage and is in need of rehabilitation. There are several sections of this outfall that have exposed rebar. Failure of this outfall would result in significant construction, environmental, and social costs. This project is the fourth of several that will rehabilitate the 54-inch outfall from HWY 301 to the Rockfish Creek Water Reclamation Facility.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	20,000	20,000	40,000
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	9,700,000	9,700,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	50,000	50,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>9,770,000</b>	<b>9,840,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>9,840,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	70,000	9,770,000	9,840,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>9,770,000</b>	<b>9,840,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Line 54-Inch Outfall, Laurelwood Place to Special Forces

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000450

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input type="checkbox"/>
Renovation	<input checked="" type="checkbox"/>

**BID DATE**

04/01/2031

**CONSTRUCTION START DATE**

10/01/2031

**EST. COMPLETION DATE**

06/30/2032

**PROJECT DESCRIPTION**

Line 54-inch concrete outfall from Laurelwood Place to Special Forces.

**PROJECT JUSTIFICATION**

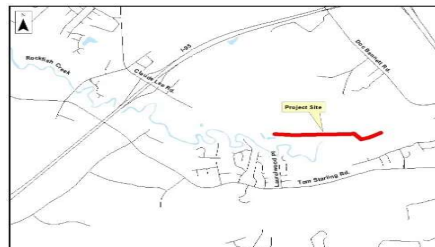
This project would line approximately 3,800 LF of 54-inch concrete outfall from Laurelwood Place to Special Forces. Recent CCTV inspections indicate that this section of outfall has hydrogen sulfide damage and is in need of rehabilitation. There are several sections of this outfall that have exposed rebar. Failure of this outfall would result in significant construction, environmental, and social costs. This project is the fifth of several that will rehabilitate the 54-inch outfall from HWY 301 to the Rockfish Creek Water Reclamation Facility.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	40,000	40,000
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	8,000,000	8,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	100,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,140,000</b>	<b>8,140,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>8,140,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	8,140,000	8,140,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,140,000</b>	<b>8,140,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

North Fayetteville Lift Station Upgrades - Phase 3

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000506

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

03/15/2028

**CONSTRUCTION START DATE**

09/15/2028

**EST. COMPLETION DATE**

09/30/2030

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____ X _____
Renovation	_____

**PROJECT DESCRIPTION**

Installation of 12,000 LF of 42-inch sewer outfall from the Cross Creek WRF to the discharge point of the North Fayetteville lift station force main.

**PROJECT JUSTIFICATION**

This project will extend approximately 12,000 LF of 42-inch outfall from the Cross Creek WRF to the discharge point of the North Fayetteville Force Main near the Hoffer WTF. This outfall is necessary to convey the ultimate design flow from the North Fayetteville Lift Station. PWC will be upgrading the North Fayetteville lift station to include two (2) additional pumps to increase the capacity of the lift station to 9 MGD. The existing 30-inch outfall that the force mains currently discharge to does not have this capacity. Installation of this outfall will allow the lift station to run at full capacity and will also eliminate the Neville St Lift Station.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	75,000	150,000	75,000	0	0	300,000
Engineering	85,000	1,200,000	1,200,000	600,000	600,000	365,000	4,050,000
Construction	0	0	0	325,000	6,000,000	16,175,000	22,500,000
Equipment	0	0	0	0	0	0	0
Personnel	15,000	20,000	20,000	20,000	20,000	40,000	135,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>100,000</b>	<b>1,295,000</b>	<b>1,370,000</b>	<b>1,020,000</b>	<b>6,620,000</b>	<b>16,580,000</b>	<b>26,985,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>26,985,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	100,000	1,295,000	1,370,000	1,020,000	6,620,000	16,580,000	26,985,000
<b>Total</b>	<b>100,000</b>	<b>1,295,000</b>	<b>1,370,000</b>	<b>1,020,000</b>	<b>6,620,000</b>	<b>16,580,000</b>	<b>26,985,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Line 54-Inch Outfall, Special Forces to NC 87

**MANAGER**

Misty Manning

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000550

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

04/01/2033

**CONSTRUCTION START DATE**

10/01/2033

**EST. COMPLETION DATE**

06/30/2035

**PROJECT DESCRIPTION**

Line 54-inch concrete outfall from Special Forces to NC 87.

**PROJECT JUSTIFICATION**

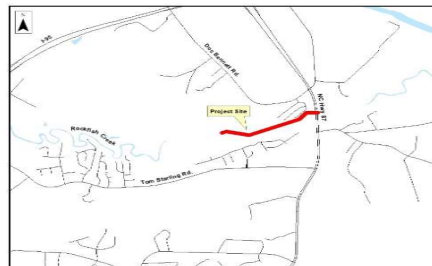
This project would line approximately 4,200 LF of 54-inch concrete outfall from Special Forces to NC 87. Recent CCTV inspections indicate that this section of outfall has hydrogen sulfide damage and is in need of rehabilitation. There are several sections of this outfall that have exposed rebar. Failure of this outfall would result in significant construction, environmental, and social costs. This project is the sixth of several that will rehabilitate the 54-inch outfall from HWY 301 to the Rockfish Creek Water Reclamation Facility.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	60,000	60,000
Engineering	0	0	0	0	0	300,000	300,000
Construction	0	0	0	0	0	2,000,000	2,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	80,000	80,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,440,000</b>	<b>2,440,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,440,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	0	0	0	2,440,000	2,440,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,440,000</b>	<b>2,440,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Big Rockfish Sanitary Sewer Outfall

**MANAGER**

Allan Riddle

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000310

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

12/17/2020

**CONSTRUCTION START DATE**

06/14/2021

**EST. COMPLETION DATE**

10/30/2026

**TYPE PROJECT**

Replacement	<u>        </u>	X
Expansion	<u>        </u>	X
New	<u>        </u>	
Renovation	<u>        </u>	

**PROJECT DESCRIPTION**

Construction of new 24"-18" sanitary sewer outfall along Big Rockfish Creek and Stewart's Creek.

**PROJECT JUSTIFICATION**

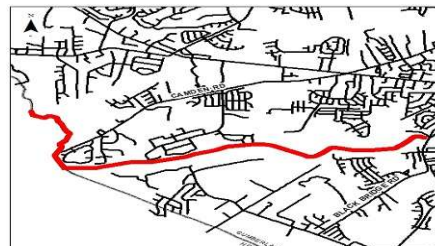
This project will construct a new 24"-18" sanitary sewer outfall along Big Rockfish Creek and Stewart's Creek at the Cumberland/Hoke County line. This area is expected to see an increase in new development and sewer customers due to the planned I-295 Fayetteville Outer Loop and annexation areas 32 and 34. The proposed outfall will eliminate the need for a future lift station to serve the annexation areas. This project has been approved for funding through the Clean Water State Revolving Fund (CWSRF). Contract I was completed in FY 2024. Contract II is anticipated to begin in FY 2024. Contract III will be bid in late FY 2025, prior to the completion of Contract II.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	187,000	261,000	137,000	0	0	0	585,000
Construction	10,600,000	9,082,000	5,103,000	0	0	0	24,785,000
Equipment	0	0	0	0	0	0	0
Personnel	180,000	263,000	165,000	0	0	0	608,000
Other	13,000	13,000	11,000	0	0	0	37,000
<b>Total</b>	<b>10,980,000</b>	<b>9,619,000</b>	<b>5,416,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,015,000</b>
<i>Pre-FY2024 Exp</i>							<b>12,556,000</b>
<i>FY2024 Estimate</i>							<b>4,274,000</b>
<b>Total</b>							<b>42,845,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>3,536,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	180,000	263,000	165,000	0	0	0	608,000
Bonds	0	5,304,450	5,251,000	0	0	0	10,555,450
NC State Loan Fund	10,800,000	4,051,550	0	0	0	0	14,851,550
<b>Total</b>	<b>10,980,000</b>	<b>9,619,000</b>	<b>5,416,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,015,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Big Rockfish Sanitary Sewer Outfall - Lift Station Eliminations

**MANAGER**

Allan Riddle

**PRIORITY**

High



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000427

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

12/17/2020

**CONSTRUCTION START DATE**

06/14/2021

**EST. COMPLETION DATE**

10/30/2026

**TYPE PROJECT**

Replacement	<u>        </u>	X
Expansion	<u>        </u>	X
New	<u>        </u>	
Renovation	<u>        </u>	

**PROJECT DESCRIPTION**

Construct new 12" - 8" sanitary sewer mains from the Big Rockfish Creek Outfall to 6 existing lift stations.

**PROJECT JUSTIFICATION**

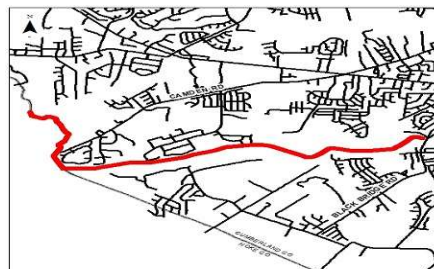
This project will construct new 12" - 8" sanitary sewer mains from the Big Rockfish Creek Outfall to 6 existing lift stations. This area is expected to see an increase in new development and sewer customers due to the planned I-295 Fayetteville Outer Loop and annexation areas 32 and 34. The proposed mains will eliminate 6 existing sewer lift stations. This project was approved for funding through the Clean Water State Revolving Fund (CWSRF). The lift station eliminations are included in Contracts I through IV. Contract I was completed in FY 2024. Contract II will begin in FY 2024. Contract III will be bid in late FY 2025, prior to the completion of Contract II. Contract IV is anticipated to be bid in FY 2025.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	15,000	0	0	0	0	0	15,000
Engineering	150,000	271,000	73,000	0	0	0	494,000
Construction	2,824,000	7,763,000	3,384,000	0	0	0	13,971,000
Equipment	0	0	0	0	0	0	0
Personnel	59,000	152,000	59,000	0	0	0	270,000
Other	11,000	19,000	9,000	0	0	0	39,000
<b>Total</b>	<b>3,059,000</b>	<b>8,205,000</b>	<b>3,525,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,789,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,832,000</b>
<i>FY2024 Estimate</i>							<b>497,000</b>
<b>Total</b>							<b>17,118,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>368,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	59,000	152,000	59,000	0	0	0	270,000
NC State Loan Fund	3,000,000	8,053,000	3,466,000	0	0	0	14,519,000
<b>Total</b>	<b>3,059,000</b>	<b>8,205,000</b>	<b>3,525,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,789,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Rehabilitation of the North Fayetteville 20-Inch Force Main

**MANAGER**

John Cashwell

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000527

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

01/15/2028

**CONSTRUCTION START DATE**

04/15/2028

**EST. COMPLETION DATE**

06/30/2029

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

Project will rehabilitate and/or replace portions of the original 20-inch force main from the North Fayetteville Lift Station.

**PROJECT JUSTIFICATION**

In FY 2024, PWC conducted an inspection of the original 20-inch ductile iron force main. This force main has had two (2) breaks related to corrosion. Based on the results of the inspection, it is anticipated that various sections of the force main will need to be rehabilitated and/or replaced. This force main runs parallel to the Cape Fear River upstream of PWC's P.O. Hoffer Water Treatment Plant and failure could result in significant social, environmental, and engineering costs. Rehabilitation and/or replacement of the force main is necessary to maximize the capacity of the North Fayetteville Lift Station, and to serve the rapidly developing area north of I-295.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	140,000	70,000	40,000	0	250,000
Construction	0	0	0	300,000	1,500,000	0	1,800,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	10,000	20,000	20,000	0	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>390,000</b>	<b>1,560,000</b>	<b>0</b>	<b>2,100,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,100,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	150,000	390,000	1,560,000	0	2,100,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>390,000</b>	<b>1,560,000</b>	<b>0</b>	<b>2,100,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Cross Creek WRF Reliability Improvements

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Cross-Creek WRF

**BUDGET CODE**

CPR1000454

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

351000

**BID DATE**

06/01/2026

**CONSTRUCTION START DATE**

01/01/2027

**EST. COMPLETION DATE**

06/30/2028

**TYPE PROJECT**

Replacement	<u>          </u>	X	<u>          </u>
Expansion	<u>          </u>		<u>          </u>
New	<u>          </u>		<u>          </u>
Renovation	<u>          </u>	X	<u>          </u>

**PROJECT DESCRIPTION**

Improvements to the liquid and residual treatment process for reliability improvements of the Cross Creek Water Reclamation Facility.

**PROJECT JUSTIFICATION**

This project will address reliability of the Cross Creek WRF by implementing improvements to both the liquid and residual treatment processes, including primary clarification and corresponding pumping improvements, aeration, secondary clarifacaton, RAS / WAS pumping, filtration, disinfection, anaerobic digestion and residuals handling. Existing equipment that is approaching the end of its useful life will be replaced. The project will not expand treatment capacity. Engineering will begin in FY 2024 and proceed through FY 2025 with construction set to begin in FY 2027.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	250,000	725,000	700,000	550,000	0	0	2,225,000
Construction	0	0	9,625,000	7,875,000	0	0	17,500,000
Equipment	0	0	0	0	0	0	0
Personnel	20,000	15,000	15,000	15,000	0	0	65,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>270,000</b>	<b>740,000</b>	<b>10,340,000</b>	<b>8,440,000</b>	<b>0</b>	<b>0</b>	<b>19,790,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>19,790,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	270,000	15,000	15,000	15,000	0	0	315,000
Bonds	0	0	0	4,006,000	0	0	4,006,000
NC State Loan Fund	0	725,000	10,325,000	4,419,000	0	0	15,469,000
<b>Total</b>	<b>270,000</b>	<b>740,000</b>	<b>10,340,000</b>	<b>8,440,000</b>	<b>0</b>	<b>0</b>	<b>19,790,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Cross Creek WRF Influent Pump Station and Pump Station #3 Rehabilitation

**MANAGER**

Vance McGougan

**PRIORITY**

High



**CATEGORY**

Cross-Creek WRF

**BUDGET CODE**

CPR1000499

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

351000

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input type="checkbox"/>
Renovation	<input checked="" type="checkbox"/>

**BID DATE**

02/08/2024

**CONSTRUCTION START DATE**

05/08/2024

**EST. COMPLETION DATE**

05/08/2026

**PROJECT DESCRIPTION**

Rehabilitation Cross Creek WRF Influent Pump Station and Intermediate Pump Station #3.

**PROJECT JUSTIFICATION**

The Influent Pump Station (IPS) and the Intermediate Pump Station #3 at the Cross Creek WRF are both in need of repairs. Assessment and preliminary engineering for rehabilitation of both these screw pump lift stations was completed in FY 2020. The Technical Memorandum resulting from that work recommended replacing all five existing screw pumps at each pump station and improvements to various mechanical and electrical components. The scope of the project has since been expanded to include replacing all four existing screw pumps at the Rockfish Creek WRF Influent Pump Station. Engineering design was completed in FY 2024 with construction to follow in FY 2025 and FY 2026.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	675,000	607,000	0	0	0	0	1,282,000
Construction	8,515,000	7,752,000	0	0	0	0	16,267,000
Equipment	0	0	0	0	0	0	0
Personnel	15,000	15,000	0	0	0	0	30,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>9,205,000</b>	<b>8,374,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,579,000</b>
<i>Pre-FY2024 Exp</i>							<b>532,000</b>
<i>FY2024 Estimate</i>							<b>300,431</b>
<b>Total</b>							<b>18,411,431</b>
<i>(Rolling 3 Yr Avg)</i>							<b>266,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	9,205,000	8,374,000	0	0	0	0	17,579,000
<b>Total</b>	<b>9,205,000</b>	<b>8,374,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,579,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Rockfish Creek WRF Expansion Phase 3

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Rockfish Creek WRF

**BUDGET CODE**

CPR1000324

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

353500

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____

**BID DATE**

08/15/2026

**CONSTRUCTION START DATE**

12/13/2026

**EST. COMPLETION DATE**

12/13/2030

**PROJECT DESCRIPTION**

Expansion of the Rockfish Creek Water Reclamation Facility (Phase 3) from 21 MGD to 28 MGD treatment capacity.

**PROJECT JUSTIFICATION**

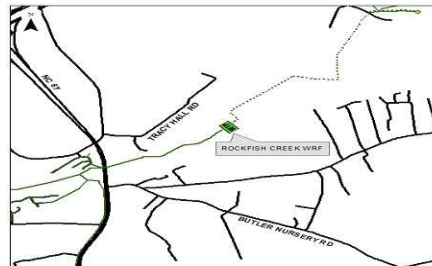
The Rockfish Creek WRF is currently permitted for 21.0 MGD capacity. The current average daily flow (ADF) rate is approaching 15 MGD. Design for expansion is typically initiated when the ADF approaches 80% of the permitted treatment capacity which is 16.80 MGD. A preliminary engineering report addressing the Phase 3 expansion of the Rockfish Creek WRF was completed in FY 2020. Design was initiated in FY 2022 and completed in early FY 2024. The scope of work includes construction of two additional aeration basins, modifications to the blower building, construction of one additional secondary clarifier and corresponding improvements to the RAS pump station, new disk filters, chlorine contact tank modifications, yard piping improvements and new residuals handling facilities. Construction is scheduled to begin in FY 2027.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	487,000	2,145,000	2,795,000	1,073,000	6,500,000
Construction	0	0	9,751,000	43,000,000	56,000,000	21,450,000	130,201,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	20,000	20,000	20,000	20,000	80,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>10,258,000</b>	<b>45,165,000</b>	<b>58,815,000</b>	<b>22,543,000</b>	<b>136,781,000</b>
<i>Pre-FY2024 Exp</i>							<b>5,143,000</b>
<i>FY2024 Estimate</i>							<b>15,000</b>
<b>Total</b>							<b>141,939,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,608,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	10,258,000	45,165,000	58,815,000	22,543,000	136,781,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>10,258,000</b>	<b>45,165,000</b>	<b>58,815,000</b>	<b>22,543,000</b>	<b>136,781,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Replace Clarifier #3 Mechanism at the Rockfish Creek WRF

**MANAGER**

Vance McGougan

**PRIORITY**

Medium



**CATEGORY**

Rockfish Creek WRF

**BUDGET CODE**

CPR1000457

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

353500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

03/01/2025

**CONSTRUCTION START DATE**

05/30/2025

**EST. COMPLETION DATE**

10/27/2025

**PROJECT DESCRIPTION**

Replace the clarifier #3 mechanism at the Rockfish Creek Water Reclaim Facility.

**PROJECT JUSTIFICATION**

This project will replace the existing steel mechanism in secondary clarifier #3 at the Rockfish Creek WRF. This equipment, which includes a vertical support column, electric drive assembly, flow baffling wells, rake arms and scraper blades provides the mechanical means necessary for the continuous removal of solids deposited via sedimentation within the clarifier basin. The existing Clarifier #3 mechanism equipment was originally installed circa 2001 and is nearing the end of its useful life. The equipment will be procured separately in FY 2025 with bidding and construction spanning from FY 2025 into FY 2026.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	30,000	0	0	0	0	0	30,000
Construction	50,000	150,000	0	0	0	0	200,000
Equipment	250,000	0	0	0	0	0	250,000
Personnel	20,000	10,000	0	0	0	0	30,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>350,000</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>510,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>510,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	350,000	160,000	0	0	0	0	510,000
<b>Total</b>	<b>350,000</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>510,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Sanitary Sewer Improvements to serve the 401 N. Industrial Site

**MANAGER**

Vance McGougan

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000513

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	_____
Expansion	_____
New	_____ X _____
Renovation	_____

**BID DATE**

01/30/2025

**CONSTRUCTION START DATE**

04/15/2025

**EST. COMPLETION DATE**

04/15/2027

**PROJECT DESCRIPTION**

Extension of new 24" sewer main to serve the HWY 401 North industrial site.

**PROJECT JUSTIFICATION**

This project will construct sanitary sewer improvements to serve the HWY 401 industrial site located off of Slocumb Rd. Preliminary engineering work, begun in FY 2023 and ongoing in FY 2024, has determined that extension of gravity sewer will not yield depth sufficient to serve the entire site. Hence, the most efficient means of improving the sanitary sewer system for this site and the surrounding service area will be construction of a regional lift station and force main. Detailed design will occur in FY 2025, bidding is anticipated in FY 2025 with construction to follow in FY 2026 and FY 2027. See WS 14 - CPR1000514 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	75,000	50,000	50,000	0	0	0	175,000
Construction	550,000	2,500,000	1,500,000	0	0	0	4,550,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	30,000	30,000	0	0	0	90,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>655,000</b>	<b>2,580,000</b>	<b>1,580,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,815,000</b>
<i>Pre-FY2024 Exp</i>							<b>62,000</b>
<i>FY2024 Estimate</i>							<b>185,000</b>
<b>Total</b>							<b>5,062,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	655,000	2,580,000	1,580,000	0	0	0	4,815,000
<b>Total</b>	<b>655,000</b>	<b>2,580,000</b>	<b>1,580,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,815,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Utility Improvements for City of Fayetteville Storm Drainage Improvements - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000141

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<u>        </u>	X
Expansion	<u>        </u>	X
New	<u>        </u>	X
Renovation	<u>        </u>	

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Relocate storm sewer mains as part of City of Fayetteville storm drainage improvement projects impacting PWC sewer mains.

**PROJECT JUSTIFICATION**

The City of Fayetteville is planning various storm drainage improvement projects throughout the city during the upcoming years. PWC and the CoF coordinate during the design and construction phases of these projects to avoid conflicts with existing sewer mains. Where these conflicts are unavoidable the City incorporates the necessary utility adjustments into their contracts and the associated costs are paid by PWC. There are situations where PWC determines that due to aging infrastructure or operational issues, utility improvements are necessary and assumes the financial responsibility for these.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	20,000	10,000	10,000	10,000	10,000	75,000	135,000
Construction	540,000	685,000	170,000	170,000	500,000	600,000	2,665,000
Equipment	0	0	0	0	0	0	0
Personnel	40,000	40,000	10,000	10,000	10,000	75,000	185,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>600,000</b>	<b>735,000</b>	<b>190,000</b>	<b>190,000</b>	<b>520,000</b>	<b>750,000</b>	<b>2,985,000</b>
<i>Pre-FY2024 Exp</i>							<b>798,000</b>
<i>FY2024 Estimate</i>							<b>150,000</b>
<b>Total</b>							<b>3,933,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>112,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	600,000	735,000	190,000	190,000	520,000	750,000	2,985,000
<b>Total</b>	<b>600,000</b>	<b>735,000</b>	<b>190,000</b>	<b>190,000</b>	<b>520,000</b>	<b>750,000</b>	<b>2,985,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Utility Improvements for the Town of Hope Mills Stormwater Projects - Sewer

**MANAGER**

John Cashwell

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000155

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**TYPE PROJECT**

Replacement	<u>          X          </u>
Expansion	<u>          X          </u>
New	<u>                          </u>
Renovation	<u>          X          </u>

**PROJECT DESCRIPTION**

Various storm drainage improvement projects throughout the town of Hope Mills related to sewer mains.

**PROJECT JUSTIFICATION**

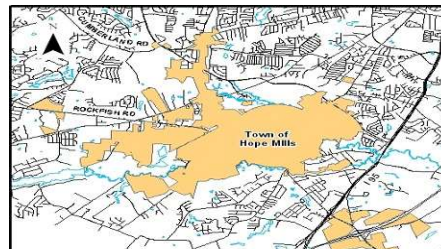
The Town of Hope Mills (TOHM) is planning various storm drainage improvements throughout PWC's service area in the upcoming years. These projects will impact areas containing PWC sanitary sewer utilities. PWC and TOHM staff coordinate the planning and design of these projects and work to avoid conflicts where possible. Where conflicts are unavoidable, the ToHM incorporates the necessary utility adjustments into their contracts and pays the costs. In situations where PWC determines that, due to aging infrastructure or operational issues, utility improvements are necessary, PWC pays the cost.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	15,000	15,000	15,000	15,000	15,000	75,000	150,000
Equipment	0	0	0	0	0	0	0
Personnel	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>100,000</b>	<b>200,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>200,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	20,000	20,000	20,000	20,000	20,000	100,000	200,000
<b>Total</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>100,000</b>	<b>200,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Utility Improvements for NCDOT Resurfacing and Stormwater Projects - Sewer Mains

**MANAGER**

John Cashwell

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000154

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<u>        </u> X <u>        </u>
Expansion	<u>        </u> X <u>        </u>
New	<u>        </u> <u>        </u>
Renovation	<u>        </u> X <u>        </u>

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Various storm drainage improvement projects in coordination with NCDOT's storm drainage improvements related to sewer mains.

**PROJECT JUSTIFICATION**

The NCDOT is planning various storm drainage and road improvements throughout PWC's service area in the upcoming years. These projects will impact areas containing PWC sanitary sewer utilities. PWC and NCDOT staff coordinate the planning and design of these projects and work to avoid conflicts where possible. Where conflicts are unavoidable, NCDOT incorporates the necessary utility adjustments into their contracts.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Equipment	0	0	0	0	0	0	0
Personnel	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>	<b>100,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>100,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	10,000	10,000	10,000	10,000	10,000	50,000	100,000
<b>Total</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>	<b>100,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4405 Raeford Rd Median Improv Hampton Oaks Drive to Fairway Drive (Sewer)

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000268

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	_____ X _____
Expansion	_____
New	_____
Renovation	_____ X _____

**BID DATE**

11/15/2021

**CONSTRUCTION START DATE**

02/01/2022

**EST. COMPLETION DATE**

06/30/2030

**PROJECT DESCRIPTION**

Relocate sewer mains along Raeford Rd from Hampton Oaks Dr to Fairway Dr.

**PROJECT JUSTIFICATION**

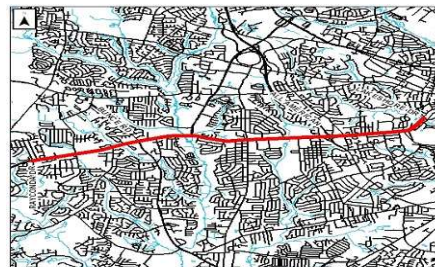
This project will relocate sewer mains as necessary to eliminate conflicts with the proposed NCDOT roadway construction. The new roadway work will be from Hampton Oaks Dr to Fairway Dr along Raeford Rd. Construction of the utility improvements will be included in the NCDOT construction contracts. NCDOT has decided to separate the project in three (3) phases. Reimbursement for this work to NCDOT will be made at the end of the individual phases. Completion of phase 3 is anticipated to occur in FY 2030. See WS 32 - CPR1000267 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	30,000	0	0	0	0	0	30,000
Engineering	30,000	75,000	100,000	60,000	50,000	10,000	325,000
Construction	0	0	550,000	0	15,425,000	0	15,975,000
Equipment	0	0	0	0	0	0	0
Personnel	30,000	40,000	40,000	40,000	40,000	10,000	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>90,000</b>	<b>115,000</b>	<b>690,000</b>	<b>100,000</b>	<b>15,515,000</b>	<b>20,000</b>	<b>16,530,000</b>
<i>Pre-FY2024 Exp</i>							<b>496,000</b>
<i>FY2024 Estimate</i>							<b>15,000</b>
<b>Total</b>							<b>17,041,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>39,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	90,000	115,000	140,000	100,000	90,000	20,000	555,000
NCDOT	0	0	390,000	0	10,900,000	0	11,290,000
Participation	0	0	160,000	0	4,525,000	0	4,685,000
<b>Total</b>	<b>90,000</b>	<b>115,000</b>	<b>690,000</b>	<b>100,000</b>	<b>15,515,000</b>	<b>20,000</b>	<b>16,530,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC162 Bingham Dr. (Sewer)

**MANAGER**

Allan Riddle

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000380

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

10/20/2027

**CONSTRUCTION START DATE**

12/17/2027

**EST. COMPLETION DATE**

06/30/2029

**PROJECT DESCRIPTION**

Relocate sewer mains along Fisher Rd from Strickland Bridge Rd to NC 162.

**PROJECT JUSTIFICATION**

NCDOT plans to widen Fisher Rd from Strickland Bridge Rd to NC 162. There are sewer and water mains in the project corridor which may be in conflict requiring relocation. NCDOT plans to go to ROW in FY 2025 and start construction in FY 2028. See WS 33 – CPR 1000372 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	100,000	85,000	70,000	25,000	0	0	280,000
Construction	0	0	0	0	1,750,000	0	1,750,000
Equipment	0	0	0	0	0	0	0
Personnel	5,000	5,000	5,000	25,000	25,000	0	65,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>105,000</b>	<b>90,000</b>	<b>75,000</b>	<b>50,000</b>	<b>1,775,000</b>	<b>0</b>	<b>2,095,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>85,000</b>
<b>Total</b>							<b>2,180,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	105,000	90,000	75,000	50,000	25,000	0	345,000
NCDOT	0	0	0	0	1,750,000	0	1,750,000
<b>Total</b>	<b>105,000</b>	<b>90,000</b>	<b>75,000</b>	<b>50,000</b>	<b>1,775,000</b>	<b>0</b>	<b>2,095,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-2519B A/BB Fayetteville Outer Loop from South of US 401 to South of Strickland Bridge Road (SR 1104) - Sewer

**MANAGER**

Allan Riddle

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000350

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

10/15/2022

**CONSTRUCTION START DATE**

12/15/2022

**EST. COMPLETION DATE**

06/30/2025

**TYPE PROJECT**

Replacement	<u>          </u> X <u>          </u>
Expansion	<u>          </u>
New	<u>          </u> X <u>          </u>
Renovation	<u>          </u>

**PROJECT DESCRIPTION**

Relocation of sewer mains around the Fayetteville Outer Loop at the intersections of Century Circle, Strickland Bridge Rd, and Stoney Point Rd.

**PROJECT JUSTIFICATION**

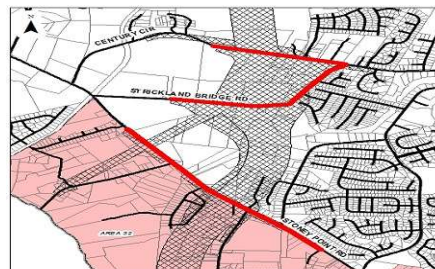
This project will extend gravity sanitary sewer to serve a portion of phase V annexation construction area 32 that is affected by the proposed Fayetteville Outer Loop corridor. Construction is expected to begin in FY 2023 and be completed in FY 2025. An agreement with NCDOT is not in place currently. However, billing is expected upon completion of all highway work and to be made in one final payment. See WS 33 - CPR1000348 for the water portion of this project. See WS 58 - CPR1000130 for the annexation portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	40,000	0	0	0	0	0	40,000
Equipment	0	0	0	0	0	0	0
Personnel	5,000	0	0	0	0	0	5,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>
<i>Pre-FY2024 Exp</i>							<b>14,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>59,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	5,000	0	0	0	0	0	5,000
NCDOT	40,000	0	0	0	0	0	40,000
<b>Total</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4900 Murchison Road Widening - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000314

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

05/21/2025

**CONSTRUCTION START DATE**

07/21/2025

**EST. COMPLETION DATE**

06/30/2027

**PROJECT DESCRIPTION**

Relocate sewer mains along Murchison Rd from the I-295 Fayetteville Outer Loop to Preston St.

**PROJECT JUSTIFICATION**

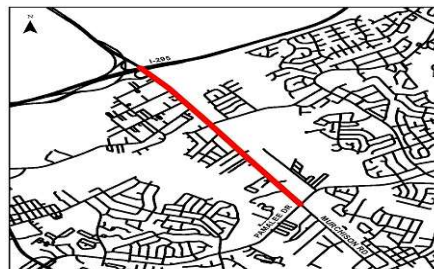
This project is necessary to eliminate conflicts with the proposed NCDOT road widening construction. PWC has approximately 10,000 LF of 8-inch gravity distribution sewer mains that will require relocation and 1,000 LF which will require rehabilitation. NCDOT plans to start construction in FY 2026 and sanitary main improvements are anticipated to be complete in FY 2027. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 36 - CPR1000306 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	25,000	25,000	0	0	0	0	50,000
Engineering	200,000	10,000	10,000	0	0	0	220,000
Construction	0	0	5,750,000	0	0	0	5,750,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	10,000	10,000	0	0	0	30,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>235,000</b>	<b>45,000</b>	<b>5,770,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,050,000</b>
<i>Pre-FY2024 Exp</i>							<b>246,000</b>
<i>FY2024 Estimate</i>							<b>210,000</b>
<b>Total</b>							<b>6,506,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>61,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	235,000	45,000	20,000	0	0	0	300,000
NCDOT	0	0	5,750,000	0	0	0	5,750,000
<b>Total</b>	<b>235,000</b>	<b>45,000</b>	<b>5,770,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,050,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-5101(A) Shaw Rd Widening - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000315

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

05/16/2028

**CONSTRUCTION START DATE**

07/16/2028

**EST. COMPLETION DATE**

03/30/2030

**TYPE PROJECT**

Replacement	_____ X _____
Expansion	_____ _____
New	_____ X _____
Renovation	_____ _____

**PROJECT DESCRIPTION**

Relocate sewer mains along Murchison Rd from Liberty Blvd to Murchison Rd.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT U-5101 road widening construction which extends over 5.6 miles and is divided into phase A (U-5101A) and phase B (U-5101B). Phase A extends along Shaw Rd from Liberty Blvd to Murchison Rd. Phase B extends from Murchison Rd along Shaw Mill Rd, Rosehill Rd and Stacey Weaver Dr to Ramsey St. A CCTV and manhole inspection of the sanitary sewer within phase A will be performed to determine if sections of the line need replacing. Phase A may need to relocate up to 4,000 LF of sanitary sewer mains. NCDOT plans to go to ROW for phase A in July 2025 and sanitary sewer main improvements are anticipated to be complete in FY 2030. Construction of the utility improvements will be included in the NCDOT construction contract. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 37 - CPR1000307 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	50,000	50,000	0	0	0	100,000
Engineering	55,000	37,000	148,000	148,000	37,000	30,000	455,000
Construction	0	0	0	0	0	2,700,000	2,700,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	8,000	8,000	8,000	8,000	8,000	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>65,000</b>	<b>95,000</b>	<b>206,000</b>	<b>156,000</b>	<b>45,000</b>	<b>2,738,000</b>	<b>3,305,000</b>
<i>Pre-FY2024 Exp</i>							<b>2,000</b>
<i>FY2024 Estimate</i>							<b>143,000</b>
<b>Total</b>							<b>3,450,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	65,000	95,000	206,000	156,000	45,000	38,000	605,000
NCDOT	0	0	0	0	0	2,700,000	2,700,000
<b>Total</b>	<b>65,000</b>	<b>95,000</b>	<b>206,000</b>	<b>156,000</b>	<b>45,000</b>	<b>2,738,000</b>	<b>3,305,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

NCDOT U-5798(A) - Gillis Hill Rd Widening - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000316

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

03/15/2022

**CONSTRUCTION START DATE**

07/15/2022

**EST. COMPLETION DATE**

12/15/2024

**PROJECT DESCRIPTION**

Relocate sewer mains along Gillis Hill Rd from US HWY 401 Raeford Rd to Stoney Point Rd.

**PROJECT JUSTIFICATION**

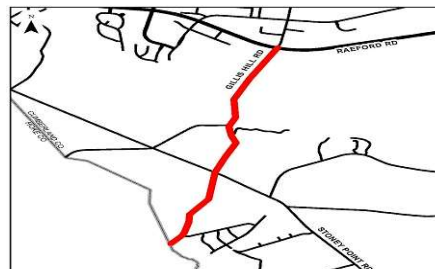
This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening of Gillis Hill Rd from US HWY 401 Raeford Rd to south of Celtic Dr in Hoke County in two phases, U-5898(A) and U-5798(B). Phase A extends 7,000 LF from Raeford Rd south to Stoney Point Rd and includes replacement of the bridge over Little Rockfish Creek. This includes relocation and betterment of 1,500 LF of 8" gravity sewer mains. In July 2022, NCDOT began construction of phase A with improvements anticipated to be complete in FY 2025 and sanitary sewer main improvements anticipated to be complete in FY 2025. Construction of the utility improvements will be included in the NCDOT construction contract. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 38 - CPR1000308 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	6,000	0	0	0	0	0	6,000
Construction	790,000	0	0	0	0	0	790,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	0	0	0	0	0	10,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>806,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>806,000</b>
<i>Pre-FY2024 Exp</i>							<b>119,000</b>
<i>FY2024 Estimate</i>							<b>55,000</b>
<b>Total</b>							<b>980,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>31,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	16,000	0	0	0	0	0	16,000
NCDOT	790,000	0	0	0	0	0	790,000
<b>Total</b>	<b>806,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>806,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-3422 Camden Rd Widening - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000317

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

03/19/2024

**CONSTRUCTION START DATE**

05/17/2024

**EST. COMPLETION DATE**

02/30/2026

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

Relocate sewer mains along Camden Rd from NC 59 to the new I-295 Fayetteville Outer Loop.

**PROJECT JUSTIFICATION**

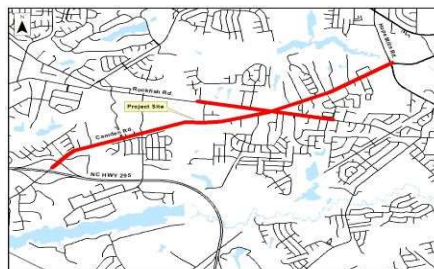
This project is necessary to eliminate conflicts with the proposed NCDOT road widening project. NCDOT plans to widen Camden Rd from NC 59 (Hope Mills Rd) to the new I-295 Fayetteville Outer Loop (U-2519) along with Rockfish Rd 600 LF to the north and 2,000 LF south of Camden Rd. Sections of both, the gravity sewer main (800 LF) and the force main (1,000 LF), conflict with NCDOT's proposed facilities and must be relocated. Sewer relocations will be included in the NCDOT construction contracts. NCDOT plans to start construction in FY 2024 and sanitary main improvements are anticipated to be complete in FY 2026. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 40 - CPR1000309 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	50,000	0	0	0	0	0	50,000
Engineering	10,000	10,000	0	0	0	0	20,000
Construction	0	1,300,000	0	0	0	0	1,300,000
Equipment	0	0	0	0	0	0	0
Personnel	10,000	10,000	0	0	0	0	20,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>70,000</b>	<b>1,320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,390,000</b>
<i>Pre-FY2024 Exp</i>							<b>113,000</b>
<i>FY2024 Estimate</i>							<b>75,000</b>
<b>Total</b>							<b>1,578,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>31,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	70,000	20,000	0	0	0	0	90,000
NCDOT	0	1,300,000	0	0	0	0	1,300,000
<b>Total</b>	<b>70,000</b>	<b>1,320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,390,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000398

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement	<input checked="" type="checkbox"/>
Expansion	<input type="checkbox"/>
New	<input checked="" type="checkbox"/>
Renovation	<input type="checkbox"/>

**BID DATE**

06/18/2024

**CONSTRUCTION START DATE**

08/17/2024

**EST. COMPLETION DATE**

06/30/2026

**PROJECT DESCRIPTION**

Relocate and improve sewer mains along Rockfish Rd between Golfview Rd and NC 59 and along Golfview Rd between Rockfish Rd and NC 59.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT road widening construction. NCDOT plans to widen and/or improve Rockfish Rd from Golfview Rd to NC 59 (Hope Mills Rd), Golfview Rd between Rockfish Rd and NC 59, and along NC 59 near the intersection with Golfview Rd. Approximately 2,000 LF of existing 8-inch sewer mains will need to be relocated. NCDOT plans to start construction in FY 2025 and sanitary sewer main improvements are anticipated to be complete in FY 2026. Sewer relocations will be included in the NCDOT construction contracts. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 41 - CPR1000399 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	8,000	5,000	0	0	0	0	13,000
Construction	0	860,000	0	0	0	0	860,000
Equipment	0	0	0	0	0	0	0
Personnel	8,000	5,000	0	0	0	0	13,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>16,000</b>	<b>870,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>886,000</b>
<i>Pre-FY2024 Exp</i>							<b>32,000</b>
<i>FY2024 Estimate</i>							<b>15,000</b>
<b>Total</b>							<b>933,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>8,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	16,000	10,000	0	0	0	0	26,000
NCDOT	0	860,000	0	0	0	0	860,000
<b>Total</b>	<b>16,000</b>	<b>870,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>886,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4403(B) Ramsey Street Widening - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Medium



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000312

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

12/17/2030

**CONSTRUCTION START DATE**

02/15/2031

**EST. COMPLETION DATE**

08/08/2032

**PROJECT DESCRIPTION**

Relocate water mains along US 401 (Ramsey St) from US 401 BUS (Martin Luther King Freeway) to US 401 Bypass (Country Club Dr).

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT road widening construction. NCDOT plans to widen Ramsey St from Martin Luther King Freeway to Country Club Dr. PWC has 11,000 LF sewer facilities in this corridor. Approximately 40% (4,400 LF) of the sewer main will need to be relocated. In 2020, CCTV sewer assessment was completed and in 2022 evaluation of utility conflicts was initiated based on NCDOT's preliminary drawings. NCDOT plans to go to ROW in November 2028 (FY 2029) with the start of construction in FY 2031. Sanitary sewer main improvements are anticipated to be completed in FY 2033. Sewer relocations will be included in the NCDOT construction contracts. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 42 - CPR1000293 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	50,000	50,000	100,000
Engineering	0	0	10,000	200,000	150,000	75,000	435,000
Construction	0	0	0	0	0	6,500,000	6,500,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	5,000	15,000	15,000	50,000	85,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>15,000</b>	<b>215,000</b>	<b>215,000</b>	<b>6,675,000</b>	<b>7,120,000</b>
<i>Pre-FY2024 Exp</i>							<b>547,000</b>
<i>FY2024 Estimate</i>							<b>8,000</b>
<b>Total</b>							<b>7,675,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>8,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	15,000	215,000	215,000	175,000	620,000
NCDOT	0	0	0	0	0	6,500,000	6,500,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>15,000</b>	<b>215,000</b>	<b>215,000</b>	<b>6,675,000</b>	<b>7,120,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-4403(C) Ramsey Street Widening - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000487

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

01/16/2029

**CONSTRUCTION START DATE**

03/15/2029

**EST. COMPLETION DATE**

03/15/2031

**PROJECT DESCRIPTION**

Relocate sewer mains along Ramsey St from US 401 Bypass (Country Club Drive) to Slocumb/Bethune Dr.

**PROJECT JUSTIFICATION**

This project is necessary to eliminate conflicts with the proposed NCDOT road widening construction. NCDOT plans to widen Ramsey St from Country Club Dr to Slocumb/Bethune Dr. PWC has 18,000 LF of sewer mains and facilities in this corridor. Approximately 40% (7,200 LF) of the sewer main will need to be relocated and will be included in the NCDOT construction contracts. In 2020, CCTV sewer assessment was completed and in 2022 evaluation of utility conflicts was initiated based on NCDOT's preliminary drawings. NCDOT plans to go to ROW in January 2026 (FY 2026) with the start of construction in FY 2029. Sewer main improvements are anticipated to be complete in FY 2031. Reimbursement to NCDOT for this work will be made at the end of the project. See WS 43 - CPR1000485 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	50,000	50,000	50,000	0	150,000
Engineering	200,000	250,000	10,000	150,000	100,000	40,000	750,000
Construction	0	0	0	0	0	4,000,000	4,000,000
Equipment	0	0	0	0	0	0	0
Personnel	20,000	20,000	20,000	20,000	20,000	40,000	140,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>220,000</b>	<b>270,000</b>	<b>80,000</b>	<b>220,000</b>	<b>170,000</b>	<b>4,080,000</b>	<b>5,040,000</b>
<i>Pre-FY2024 Exp</i>							<b>10,000</b>
<i>FY2024 Estimate</i>							<b>25,000</b>
<b>Total</b>							<b>5,075,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	220,000	270,000	80,000	220,000	170,000	80,000	1,040,000
NCDOT	0	0	0	0	0	4,000,000	4,000,000
<b>Total</b>	<b>220,000</b>	<b>270,000</b>	<b>80,000</b>	<b>220,000</b>	<b>170,000</b>	<b>4,080,000</b>	<b>5,040,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-4404 Cliffdale Road Widening - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000313

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**BID DATE**

05/21/2030

**CONSTRUCTION START DATE**

07/21/2030

**EST. COMPLETION DATE**

06/21/2032

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

Relocate sewer mains along Cliffdale Rd from McPherson Church Rd to Morganton Rd.

**PROJECT JUSTIFICATION**

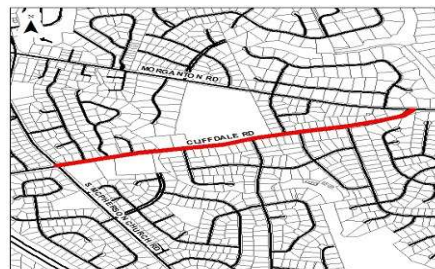
This project is necessary to eliminate conflicts with the proposed NCDOT roadway widening project. Based on the CCTV inspections, sections of the line may also need to be replaced. PWC has estimated 25% of the water mains will be relocated. NCDOT plans to go to ROW in May 2028 (FY 2029) and start construction in FY 2031. sewer main improvements are anticipated to be completed in FY 2032. NCDOT has indicated these lines need to be relocated lines ahead of the DOT project. If NCDOT includes the utility relocations in their construction contracts, reimbursement to NCDOT for this work will be made at the end of the project and water main improvements would be completed in FY 2032. See WS 45 - CPR1000294 for the sewer portion of the project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	50,000	75,000	75,000	70,000	270,000
Construction	0	0	0	0	0	2,000,000	2,000,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	5,000	5,000	5,000	25,000	40,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>55,000</b>	<b>80,000</b>	<b>80,000</b>	<b>2,095,000</b>	<b>2,310,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,310,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	0	55,000	80,000	80,000	95,000	310,000
NCDOT	0	0	0	0	0	2,000,000	2,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>55,000</b>	<b>80,000</b>	<b>80,000</b>	<b>2,095,000</b>	<b>2,310,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4414 All-American Freeway widening from Owen Drive to Santa Fe Drive - Sewer

**MANAGER**

Kevin Heaphy

**PRIORITY**

Low



**CATEGORY**

Sanitary Sewer Collection

**BUDGET CODE**

CPR1000165

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

01/18/2040

**CONSTRUCTION START DATE**

03/14/2040

**EST. COMPLETION DATE**

10/15/2043

**PROJECT DESCRIPTION**

Relocation of sewer mains in conflict with the NCDOT widening of the All-American Freeway to add an additional lane in each direction.

**PROJECT JUSTIFICATION**

NCDOT plans to widen SR 1007 All-American Freeway from Owen Dr to Santa Fe Dr with an additional lane in each direction. There are sewer and water mains in the project corridor which may be in conflict requiring relocation. NCDOT plans to go to right of way in FY 2028 and begin construction in FY 2040. See WS 46 - CPR1000114 for the water portion of this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	25,000	25,000	25,000	25,000	75,000	175,000
Construction	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	0	5,000	5,000	5,000	5,000	15,000	35,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>90,000</b>	<b>210,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>210,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Water/Sewer Fund	0	30,000	30,000	30,000	30,000	90,000	210,000
<b>Total</b>	<b>0</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>90,000</b>	<b>210,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





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**PROJECT TITLE**

Underground Distribution Infrastructure Installations – New

**MANAGER**

Bradley Thornton

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000009

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

366000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install conduit, sectionalizing equipment, pad-mounted transformation equipment, primary cable, secondary cable, services, and street lights as required to meet the development's plan for electric utility connectivity. This effort is being performed in conjunction with the CoF's Unified Development Ordinance.

**PROJECT JUSTIFICATION**

This ongoing project is to modify and extend the distribution system primary and secondary facilities to accommodate new planned urban residential, commercial, industrial, and institutional developments requiring underground utilities. This project supports the PWC Charter relative to providing electrical utility services to entities within our electrical service territory.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	1,200,000	1,300,000	1,400,000	1,500,000	1,600,000	10,000,000	17,000,000
Equipment	1,200,000	1,300,000	1,400,000	1,500,000	1,600,000	10,000,000	17,000,000
Personnel	100,000	125,000	125,000	150,000	150,000	1,000,000	1,650,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,500,000</b>	<b>2,725,000</b>	<b>2,925,000</b>	<b>3,150,000</b>	<b>3,350,000</b>	<b>21,000,000</b>	<b>35,650,000</b>
<i>Pre-FY2024 Exp</i>							<b>33,572,000</b>
<i>FY2024 Estimate</i>							<b>3,000,000</b>
<b>Total</b>							<b>72,222,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>2,649,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	2,500,000	2,725,000	2,925,000	3,150,000	3,350,000	21,000,000	35,650,000
<b>Total</b>	<b>2,500,000</b>	<b>2,725,000</b>	<b>2,925,000</b>	<b>3,150,000</b>	<b>3,350,000</b>	<b>21,000,000</b>	<b>35,650,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	100,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>100,000</b>



**PROJECT TITLE**

Overhead Infrastructure Installation - New

**MANAGER**

Eddie Autry

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000010

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

365000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install poles, transformers, conductor, secondary cable, services, and street-lights as required to serve our customers in overhead service areas.

**PROJECT JUSTIFICATION**

This ongoing project is to modify and extend overhead distribution system and service facilities to accommodate and serve new customers and to serve the increased needs of existing customers in overhead service areas. This project supports the PWC Charter relative to providing electrical utility services to entities within our electrical service territory.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	37,500	37,500	37,500	37,500	37,500	187,500	375,000
Personnel	37,500	37,500	37,500	37,500	37,500	187,500	375,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>375,000</b>	<b>750,000</b>
<i>Pre-FY2024 Exp</i>							<b>2,929,000</b>
<i>FY2024 Estimate</i>							<b>77,500</b>
<b>Total</b>							<b>3,756,500</b>
<i>(Rolling 3 Yr Avg)</i>							<b>63,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	75,000	75,000	75,000	75,000	75,000	375,000	750,000
<b>Total</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>375,000</b>	<b>750,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	10,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>10,000</b>



**PROJECT TITLE**

LED Area Lights - New Installations

**MANAGER**

Britten O'Quinn

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000011

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

371000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install poles, secondary cables, LED area light fixtures and hardware required to provide dusk-to-dawn lighting service.

**PROJECT JUSTIFICATION**

The installation of this infrastructure is at the customer's request and provides for security lighting at residences, high-density dwellings, and at commercial facilities. This service is offered under Commission-approved rates and regulations and supports the PWC Charter.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	200,000	250,000	300,000	325,000	350,000	1,750,000	3,175,000
Personnel	200,000	250,000	300,000	325,000	350,000	1,750,000	3,175,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>400,000</b>	<b>500,000</b>	<b>600,000</b>	<b>650,000</b>	<b>700,000</b>	<b>3,500,000</b>	<b>6,350,000</b>
<i>Pre-FY2024 Exp</i>							<b>6,116,000</b>
<i>FY2024 Estimate</i>							<b>550,000</b>
<b>Total</b>							<b>13,016,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>474,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	400,000	500,000	600,000	650,000	700,000	3,500,000	6,350,000
<b>Total</b>	<b>400,000</b>	<b>500,000</b>	<b>600,000</b>	<b>650,000</b>	<b>700,000</b>	<b>3,500,000</b>	<b>6,350,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	100,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>100,000</b>



**PROJECT TITLE**

Padmount Transformers

**MANAGER**

Glenn Andersen

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000013

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

368000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_ X \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project includes the annual allocation of single phase 7.2 kV x 14.4 kV pad mounted distribution transformers from 2 kVA through 167 kVA and three phase 12 x 25 and 12 kV pad mounted and vault transformers from 150 to 2500 kVA.

**PROJECT JUSTIFICATION**

This ongoing project provides for the purchase of pad-mounted underground distribution transformers to serve new loads, replace failed transformers, provide increased capacity where needed, and facilitate conversion of primary voltage to customer's utilization voltage. Supply chain issues in FY 2023 have significantly increased delivery times and prices for these units.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000	50,000,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>25,000,000</b>	<b>50,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>21,103,000</b>
<i>FY2024 Estimate</i>							<b>13,000,000</b>
<b>Total</b>							<b>84,103,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,475,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000	50,000,000
<b>Total</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>25,000,000</b>	<b>50,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Overhead Transformers

**MANAGER**

Glenn Andersen

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000014

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

368000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_ X \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project includes the annual allocation of single phase 7.2 kV and 14.4 kV pole and platform mounted distribution transformers from 10 kVA through 333 kVA.

**PROJECT JUSTIFICATION**

This ongoing project provides for the purchase of overhead distribution transformers to serve new loads, replace failed transformers, provide increased capacity where needed, and facilitate conversion of primary voltage to customer's utilization voltage. Supply chain issues in FY 2023 have significantly increased delivery times and prices for these units.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	15,000,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,500,000</b>	<b>15,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>8,007,000</b>
<i>FY2024 Estimate</i>							<b>3,500,000</b>
<b>Total</b>							<b>26,507,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>395,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	15,000,000
<b>Total</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,500,000</b>	<b>15,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Underground Infrastructure Replacement - Residential

**MANAGER**

Bradley Thornton

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000015

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

366000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install new primary cable, conduit as needed, add sectionalizing as needed, replace subsurface transformers as needed and complete related work as required in residential subdivisions. The cable system will be installed in conduit using open trench where practical and using directional boring where open trench installation is impractical or cost prohibitive.

**PROJECT JUSTIFICATION**

This ongoing project replaces existing direct-buried solid dielectric primary cable system in residential subdivisions with high incidences of primary cable failures. This project supports PWC's electric system reliability improvement program.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	1,025,000	1,125,000	1,225,000	1,325,000	1,425,000	10,125,000	16,250,000
Equipment	1,025,000	1,125,000	1,225,000	1,325,000	1,425,000	10,125,000	16,250,000
Personnel	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,250,000</b>	<b>2,450,000</b>	<b>2,650,000</b>	<b>2,850,000</b>	<b>3,050,000</b>	<b>21,250,000</b>	<b>34,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>22,947,000</b>
<i>FY2024 Estimate</i>							<b>2,900,000</b>
<b>Total</b>							<b>60,347,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>2,889,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	2,250,000	2,450,000	2,650,000	2,850,000	3,050,000	21,250,000	34,500,000
<b>Total</b>	<b>2,250,000</b>	<b>2,450,000</b>	<b>2,650,000</b>	<b>2,850,000</b>	<b>3,050,000</b>	<b>21,250,000</b>	<b>34,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(2,500,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(2,500,000)</b>



**PROJECT TITLE**

Underground Infrastructure Replacement - Non Residential

**MANAGER**

Sonny Snook

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000239

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

366000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install new primary cable, conduit and/or concrete encased duct-bank as needed, add sectionalizing equipment as needed, replace subsurface transformers as needed and complete related work as required. The cable system will be installed using open trench where practical and using directional boring where needed.

**PROJECT JUSTIFICATION**

This ongoing project replaces existing direct-buried solid dielectric primary cable and associated underground utility infrastructure in commercial areas and along roadways which exhibit signs of pre-mature failure. This project supports PWC's electric system reliability improvement program.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	325,000	400,000	500,000	600,000	650,000	3,500,000	5,975,000
Equipment	325,000	400,000	500,000	600,000	650,000	3,500,000	5,975,000
Personnel	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>750,000</b>	<b>900,000</b>	<b>1,100,000</b>	<b>1,300,000</b>	<b>1,400,000</b>	<b>7,500,000</b>	<b>12,950,000</b>
<i>Pre-FY2024 Exp</i>							<b>6,263,000</b>
<i>FY2024 Estimate</i>							<b>900,000</b>
<b>Total</b>							<b>20,113,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>901,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	750,000	900,000	1,100,000	1,300,000	1,400,000	7,500,000	12,950,000
<b>Total</b>	<b>750,000</b>	<b>900,000</b>	<b>1,100,000</b>	<b>1,300,000</b>	<b>1,400,000</b>	<b>7,500,000</b>	<b>12,950,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(1,000,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(1,000,000)</b>



**PROJECT TITLE**

Underground Distribution Infrastructure Replacements (Non-Cable)

**MANAGER**

Dwayne Jernigan

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000037

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

367000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

1/0/1900

Ongoing

**PROJECT DESCRIPTION**

This ongoing project will support the inspection, maintenance, and replacement of underground distribution components and equipment within PWC's residential, commercial, and institutional electrical systems.

**PROJECT JUSTIFICATION**

PWC owns and operates 519 cable miles of underground distribution primary circuits. This activity is crucial in minimizing service interruptions to underground customers and facilities. Inspection of PWC's underground distribution facilities began in FY 2008. As risks are identified, PWC will need to address the electrical and mechanical issues associated with these risks on a systematic basis.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	300,000	300,000	300,000	300,000	300,000	1,500,000	3,000,000
Personnel	350,000	350,000	350,000	350,000	350,000	1,750,000	3,500,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>3,250,000</b>	<b>6,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>9,146,000</b>
<i>FY2024 Estimate</i>							<b>635,000</b>
<b>Total</b>							<b>16,281,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>521,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	650,000	650,000	650,000	650,000	650,000	3,250,000	6,500,000
<b>Total</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>3,250,000</b>	<b>6,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(500,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(500,000)</b>



**PROJECT TITLE**

UG Feeder Exit Replacement Substations

**MANAGER**

Sonny Snook

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000240

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

366000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install new underground feeder cable in concrete encased duct-bank utilizing the open-cut trench method and complete related work as required.

**PROJECT JUSTIFICATION**

This project replaces existing direct-buried solid dielectric primary feeder cable from the substation bus to the first riser pole (UG-OH transition point) outside the substation fence. The cross-linked polyethylene (XLP) cable at many substations over 30 years old and has been subjected to multiple feeder faults during its life-time. These cables are currently at the end-of-their useful service lives and have been spliced numerous times over their service life because of cable failures and dig-ins. This project supports PWC's electric system reliability improvement program.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	175,000	200,000	225,000	250,000	275,000	1,500,000	2,625,000
Equipment	175,000	200,000	225,000	250,000	275,000	1,500,000	2,625,000
Personnel	25,000	25,000	25,000	25,000	25,000	125,000	250,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>375,000</b>	<b>425,000</b>	<b>475,000</b>	<b>525,000</b>	<b>575,000</b>	<b>3,125,000</b>	<b>5,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,660,000</b>
<i>FY2024 Estimate</i>							<b>200,000</b>
<b>Total</b>							<b>7,360,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>445,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	375,000	425,000	475,000	525,000	575,000	3,125,000	5,500,000
<b>Total</b>	<b>375,000</b>	<b>425,000</b>	<b>475,000</b>	<b>525,000</b>	<b>575,000</b>	<b>3,125,000</b>	<b>5,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(100,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(100,000)</b>



**PROJECT TITLE**

FTI 66 -12 kV Substation and Campus Feeder UG Cable Replacement

**MANAGER**

Sonny Snook

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000542

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

367000

**TYPE PROJECT**

Replacement         X          
 Expansion                       
 New                               
 Renovation                     

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

FY 2025

FY 2026

**PROJECT DESCRIPTION**

This project will provide the funding to replace the existing direct buried feeder cable from the substation bus throughout the FTI campus and surrounding area to the 1st UG-OH transition point utilizing open-cut trench and concrete-encased duct-bank as required.

**PROJECT JUSTIFICATION**

This project replaces existing direct-buried solid dielectric primary feeder cable from the substation bus to the first riser pole (UG-OH transition point) outside the substation fence. The cross-linked polyethylene (XLP) cable at this substation is over 38 years old and has been subjected to multiple feeder faults during its life-time. The 12 kV distribution circuits at this station and throughout the adjoining FTI campus are showing signs of severe partial discharge. The reliability of the cable is suspect at this time. This is a concern because this station also serves a high-density residential load. This project supports PWC's electric system reliability improvement program.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	250,000	0	0	0	0	0	250,000
Engineering	0	0	0	0	0	0	0
Construction	450,000	450,000	0	0	0	0	900,000
Equipment	450,000	450,000	0	0	0	0	900,000
Personnel	100,000	50,000	0	0	0	0	150,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,250,000</b>	<b>950,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,200,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	1,250,000	950,000	0	0	0	0	2,200,000
<b>Total</b>	<b>1,250,000</b>	<b>950,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Overhead Distribution System Circuit Improvements

**MANAGER**

Eddie Autry

**PRIORITY**

Medium



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000027

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install / replace poles and conductor as required to upgrade existing circuits to address system expansion and load growth.

**PROJECT JUSTIFICATION**

This ongoing project is supported by the annual Area Planning Study. This Study identified system components that have reached the limits of their thermal or operational capacity or will reach these limits during the study period. Identified circuits on our distribution system need to be upgraded to increase their thermal loading capabilities.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Personnel	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>2,000,000</b>
<b>Pre-FY2024 Exp</b>							<b>5,823,000</b>
<b>FY2024 Estimate</b>							<b>125,000</b>
<b>Total</b>							<b>7,948,000</b>
<b>(Rolling 3 Yr Avg)</b>							<b>35,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
<b>Total</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>2,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Distribution System Sectionalizing

**MANAGER**

Britten O'Quinn

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000030

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This ongoing project will replace defective gang-operated air-break switches and install three-phase and single-phase reclosers as necessary.

**PROJECT JUSTIFICATION**

There are a number of vintage air-break switches on our distribution system that have reached the end of their useful life. A sectionalizing study has been performed to address protective coordination and system operation issues. The replacement of vintage equipment will improve safe system operations. The replacement of air-break switches with remote operated sectionalizing devices will improve system reliability by reducing outages caused by momentary interruptions on branch circuits caused by animals and intermittent tree contact.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	175,000	200,000	250,000	300,000	300,000	1,500,000	2,725,000
Personnel	75,000	100,000	150,000	200,000	200,000	1,000,000	1,725,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>250,000</b>	<b>300,000</b>	<b>400,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>4,450,000</b>
<i>Pre-FY2024 Exp</i>							<b>888,000</b>
<i>FY2024 Estimate</i>							<b>75,000</b>
<b>Total</b>							<b>5,413,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>14,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	250,000	300,000	400,000	500,000	500,000	2,500,000	4,450,000
<b>Total</b>	<b>250,000</b>	<b>300,000</b>	<b>400,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>4,450,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(125,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(125,000)</b>





**PROJECT TITLE**

Overhead Infrastructure Improvements

**MANAGER**

Eddie Autry

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000036

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

355000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This ongoing project will pay for the inspection and replacement of defective overhead transmission, sub-transmission, and distribution poles and associated hardware.

**PROJECT JUSTIFICATION**

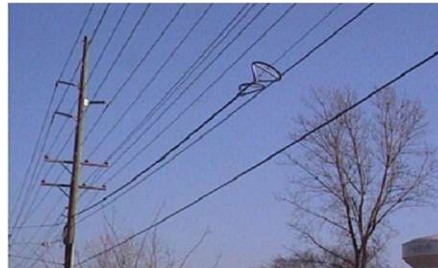
PWC owns and operates 2,918 miles of overhead distribution primary circuits and 120 miles of overhead sub-transmission circuits. It provides for the preventive maintenance on twenty percent of these circuits each fiscal year. Routine testing, and inspection of conductors, supporting devices, poles, sectionalizing devices, and right-of-way is included during this process. This activity is crucial in maintaining a high level of service continuity (reliability) and safety to our customers and facilities.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	200,000	250,000	300,000	300,000	300,000	1,500,000	2,850,000
Equipment	200,000	250,000	250,000	250,000	250,000	1,250,000	2,450,000
Personnel	100,000	100,000	50,000	50,000	50,000	250,000	600,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>3,000,000</b>	<b>5,900,000</b>
<b>Pre-FY2024 Exp</b>							<b>15,874,000</b>
<b>FY2024 Estimate</b>							<b>1,150,000</b>
<b>Total</b>							<b>22,924,000</b>
<b>(Rolling 3 Yr Avg)</b>							<b>1,021,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	600,000	600,000	600,000	600,000	3,000,000	5,900,000
<b>Total</b>	<b>500,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>3,000,000</b>	<b>5,900,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Foreign Attachment Make-Ready & Clearance

**MANAGER**

Wesley Jacobs

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000028

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

No Bid Required

**CONSTRUCTION START DATE**

FY 2021

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This project will replace poles and associated hardware to accommodate 3rd Party communication attachers.

**PROJECT JUSTIFICATION**

This ongoing project includes funds to make changes to the overhead distribution system as necessary to accommodate the installation of foreign communication equipment in compliance with PWC construction standards and the latest edition of the National Electrical Safety Code (NESC) requirements. It is anticipated that approximately 50% of the construction required to make these changes will be reimbursed to PWC by the attaching parties once all negotiations and pole attachment / joint-ownership contracts are finalized.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	225,000	250,000	0	0	0	0	475,000
Equipment	225,000	250,000	0	0	0	0	475,000
Personnel	50,000	50,000	0	0	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,050,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,347,000</b>
<i>FY2024 Estimate</i>							<b>1,250,000</b>
<b>Total</b>							<b>3,647,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>449,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	550,000	0	0	0	0	1,050,000
<b>Total</b>	<b>500,000</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,050,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Thoroughfare LED Lighting - New Installations

**MANAGER**

Britten O'Quinn

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000334

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

373000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This ongoing project provides for the installation of LED roadway lighting along thoroughfares and major connector streets inside the city limits of Fayetteville that are presently unlit or underlit. Projects for FY 2024 include US-401 By-Pass, US-301, and Owen Dr to the Cumberland County Coliseum.

**PROJECT JUSTIFICATION**

This project supports PWC's Charter. This project is being performed in conjunction with the NCDOT and the COF. It meets the uniform roadway lighting requirements specified by the NCDOT.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	250,000	250,000	250,000	250,000	250,000	1,250,000	2,500,000
Equipment	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Personnel	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>5,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,139,000</b>
<i>FY2024 Estimate</i>							<b>200,000</b>
<b>Total</b>							<b>6,339,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>373,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	500,000	500,000	500,000	500,000	2,500,000	5,000,000
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>5,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	50,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>50,000</b>



**PROJECT TITLE**

Thoroughfare LED Roadway Lighting-Conversion

**MANAGER**

Britten O'Quinn

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000038

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

373000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

FY 2025

**PROJECT DESCRIPTION**

This project provides funds that will allow the conversion to LED Roadway Lighting along thoroughfares and major connector streets inside the city limits of Fayetteville.

**PROJECT JUSTIFICATION**

This project supports PWC's Charter. This project is being performed in conjunction with the NCDOT and the COF. It meets the uniform roadway lighting requirements specified by the NCDOT.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	25,000	0	0	0	0	0	25,000
Personnel	25,000	0	0	0	0	0	25,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<i>Pre-FY2024 Exp</i>							<b>4,907,000</b>
<i>FY2024 Estimate</i>							<b>100,000</b>
<b>Total</b>							<b>5,057,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>299,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
REPS	50,000	0	0	0	0	0	50,000
<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(10,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(10,000)</b>



**PROJECT TITLE**

Conservation Load Reduction (CVR)

**MANAGER**

Brandon Huelsman

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000270

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

368000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

FY 2024

FY 2027

**PROJECT DESCRIPTION**

This ongoing project will support the purchase / replacement of communication and control equipment as necessary to ensure reliable communication with capacitor controls, load tap-changers and other smart grid devices in support CVR.

**PROJECT JUSTIFICATION**

The purpose of this project is to support the remote control of shunt capacitor banks on the distribution system and load tap-changers (LTCs) inside T/D substations such that adequate service voltages can be maintained within ANSI limits during system voltage reductions during monthly peaks in an effort to reduce demand costs during these hourly coincident peaks with PWC’s power supply provider, Duke Energy-Progress. Studies have shown that for every volt drop on substation bus, the substation demand is reduced by approximately 0.85%. This system should help PWC to reduce its power supply cost and system losses considerably once deployed system wide.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	200,000	200,000	200,000	0	0	0	600,000
Personnel	50,000	50,000	50,000	0	0	0	150,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,320,000</b>
<i>FY2024 Estimate</i>							<b>100,000</b>
<b>Total</b>							<b>2,170,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>170,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	250,000	250,000	250,000	0	0	0	750,000
<b>Total</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(1,000,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(1,000,000)</b>



**PROJECT TITLE**

System Reactive Power Compensation

**MANAGER**

David Deschamps

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000034

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

365000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will replace distribution poles as required to meet NESC clearance requirements, install new microprocessor-controlled shunt capacitor banks, associated hardware, and communication systems as necessary on our overhead distribution system.

**PROJECT JUSTIFICATION**

The purpose of this ongoing project is to install remote control shunt capacitor banks throughout our overhead distribution primary circuits as needed for reactive power compensation and conservation voltage reduction (CVR). Anticipated increase in power supply costs from our energy supplier have highlighted the need to reduce our reactive power requirement to an optimum level relative to system losses and to implement CVR where possible to lower our wholesale energy and demand costs.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	200,000	100,000	100,000	0	0	0	400,000
Personnel	50,000	25,000	25,000	0	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>250,000</b>	<b>125,000</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<i>Pre-FY2024 Exp</i>							<b>4,040,000</b>
<i>FY2024 Estimate</i>							<b>210,000</b>
<b>Total</b>							<b>4,750,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>392,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	250,000	125,000	125,000	0	0	0	500,000
<b>Total</b>	<b>250,000</b>	<b>125,000</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	1,375,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>1,375,000</b>



**PROJECT TITLE**

Fiber Optic Cable Line Extensions for Electric System Automation PWC Smart Grid Initiatives

**MANAGER**

Darlene Goodheart

**PRIORITY**

High



**CATEGORY**

Telecom - Cable Infrastructure

**BUDGET CODE**

CPR1000012

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

397000

**TYPE PROJECT**

Replacement	_____
Expansion	_____ X _____
New	_____
Renovation	_____

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will replace poles where necessary to achieve NESC clearance requirements, install fiber optic cable, conduit, and electronic communication equipment as required to support PWC's OSP fiber optic system.

**PROJECT JUSTIFICATION**

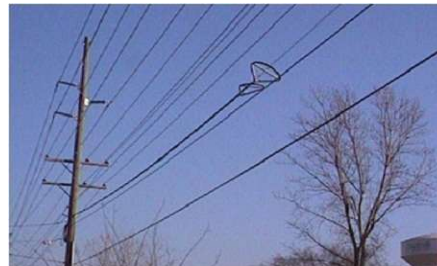
This ongoing project supports the build-out PWC's Fiber Optic Network to provide for broadband digital communications for all of PWC's facilities, all of the City of Fayetteville facilities, and all Cumberland County facilities.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	175,000	175,000	125,000	125,000	125,000	625,000	1,350,000
Personnel	175,000	175,000	125,000	125,000	125,000	625,000	1,350,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>350,000</b>	<b>350,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>	<b>2,700,000</b>
<i>Pre-FY2024 Exp</i>							<b>8,840,000</b>
<i>FY2024 Estimate</i>							<b>340,000</b>
<b>Total</b>							<b>11,880,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>191,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	350,000	350,000	250,000	250,000	250,000	1,250,000	2,700,000
<b>Total</b>	<b>350,000</b>	<b>350,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>	<b>2,700,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	250,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>250,000</b>





**PROJECT TITLE**

SONET Communications for Smart Grid

**MANAGER**

Brandon Huelsman

**PRIORITY**

High



**CATEGORY**

Communication\_Equipment

**BUDGET CODE**

CPR1000217

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

397000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will install time-division multiplexors (TDM) and fast ethernet switches as required to support PWC's Gigabit Ethernet system across the Electric Systems network.

**PROJECT JUSTIFICATION**

The purpose of this project is to provide funding for installation of the necessary communications equipment to create a self-healing communications network that is capable of adequately supporting PWC's current and future Smart Grid communication initiatives. This project will storm-harden PWC's fiber optic Fiber Optic communication system and provide the necessary resiliency to meet the Electric Division's existing and future needs.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	40,000	40,000	40,000	40,000	40,000	200,000	400,000
Personnel	10,000	10,000	10,000	10,000	10,000	50,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>	<b>500,000</b>
<b>Pre-FY2024 Exp</b>							<b>641,000</b>
<b>FY2024 Estimate</b>							<b>57,000</b>
<b>Total</b>							<b>1,198,000</b>
<b>(Rolling 3 Yr Avg)</b>							<b>30,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	50,000	50,000	50,000	50,000	50,000	250,000	500,000
<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>	<b>500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Distribution Automation

**MANAGER**

Marc Tunstall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000044

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

365000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

FY 2027

**PROJECT DESCRIPTION**

This project provides funding for the replacement of distribution poles as required to maintain NESC clearances to support the installation of reclosers, protective relay, communication systems, and associated hardware at strategic locations on our distribution system.

**PROJECT JUSTIFICATION**

This ongoing project provides funding for the installation of automated distribution devices at strategic locations on our distribution system to provide for remote fault location, isolation, and system restoration (FLISR) on circuits with problematic reliability issues. The addition of this equipment will be centrally controlled from PWC’s advanced distribution management system (ADMS) which will reduce electrical utility outage durations and automatically limit the number of customers affected by a single outage. The adaption of this Smart Grid process will significantly improve our service level to the customers within these areas and will improve our overall system reliability indices.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	200,000	300,000	400,000	500,000	600,000	2,500,000	4,500,000
Personnel	100,000	150,000	200,000	250,000	300,000	1,250,000	2,250,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>300,000</b>	<b>450,000</b>	<b>600,000</b>	<b>750,000</b>	<b>900,000</b>	<b>3,750,000</b>	<b>6,750,000</b>
<i>Pre-FY2024 Exp</i>							<b>500,000</b>
<i>FY2024 Estimate</i>							<b>350,000</b>
<b>Total</b>							<b>7,600,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>41,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	300,000	450,000	600,000	750,000	900,000	3,750,000	6,750,000
<b>Total</b>	<b>300,000</b>	<b>450,000</b>	<b>600,000</b>	<b>750,000</b>	<b>900,000</b>	<b>3,750,000</b>	<b>6,750,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(400,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(400,000)</b>



**PROJECT TITLE**

Sub-Transmission Pole Replacement

**MANAGER**

Eddie Autry

**PRIORITY**

High



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000045

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

355000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This is ongoing project will enable PWC to replace 150 poles of its aging sub-transmission wood pole assets with tapered tubular steel products on a systematic basis over a thirty (30) year period.

**PROJECT JUSTIFICATION**

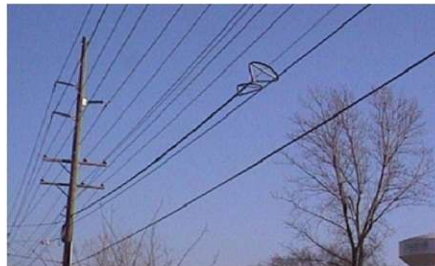
The goal for this project is to virtually eliminate the maintenance costs associated with maintaining these existing transmission assets. Records indicate that 715 (34%) of the 2006 sub-transmission pole assets are over 30 years old. In addition, a condition assessment has been performed on PWC's entire transmission plant population. A risk assessment matrix has been developed to determine which poles need to be replaced first. The transmission pole replacement plan identified the need to replace 150 poles per year. The pole replacement program began in FY 2012.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	925,000	1,150,000	1,000,000	1,000,000	1,000,000	5,000,000	10,075,000
Equipment	725,000	1,000,000	900,000	900,000	900,000	4,500,000	8,925,000
Personnel	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,750,000</b>	<b>2,250,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>10,000,000</b>	<b>20,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>14,566,000</b>
<i>FY2024 Estimate</i>							<b>1,800,000</b>
<b>Total</b>							<b>36,366,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>1,739,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	1,750,000	2,250,000	2,000,000	2,000,000	2,000,000	10,000,000	20,000,000
<b>Total</b>	<b>1,750,000</b>	<b>2,250,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>10,000,000</b>	<b>20,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(1,000,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(1,000,000)</b>



**PROJECT TITLE**

Hogan Street - Amazon Substation 66 kV Transmission

**MANAGER**

Eddie Autry

**PRIORITY**

Medium



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000538

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

355000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2027

**CONSTRUCTION START DATE**

FY 2027

**EST. COMPLETION DATE**

FY 2028

**PROJECT DESCRIPTION**

This multi-year project will provide the funding to purchase the necessary right-of-way (ROW) and install a 2.5-mile 66 kV Sub-Transmission circuit along Shaw Mill Rd and Fort Liberty Blvd providing connection between Hogan St, Yadkin Rd, and Amazon Substations.

**PROJECT JUSTIFICATION**

This looped transmission circuit provides the reliability required for the proposed Amazon 66-12 kV Substation which is planned to be located in close proximity to Military Business Park. The Amazon Distribution Center is currently located on this campus. Currently there is a significant amount of commercial interest in the Military Business Park because of Amazon's Distribution Center location and its close proximity to the Fort Liberty Military Reservation and to major transportation arteries now that I-295 has been extended into this area.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	250,000	150,000	0	0	0	400,000
Engineering	0	250,000	100,000	50,000	0	0	400,000
Construction	0	0	1,000,000	1,000,000	0	0	2,000,000
Equipment	0	0	1,000,000	1,000,000	0	0	2,000,000
Personnel	0	0	100,000	100,000	0	0	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>2,350,000</b>	<b>2,150,000</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,000,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	0	500,000	2,350,000	2,150,000	0	0	5,000,000
<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>2,350,000</b>	<b>2,150,000</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Distribution Substation Equipment Replacement

**MANAGER**

Scott Enloe

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000052

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This ongoing capital project contains funds to replace failed equipment in any of PWC's thirty (30) T-D Substations and three (3) Points of Delivery.

**PROJECT JUSTIFICATION**

There is specialized high-voltage equipment control systems, sensing devices, and protective relaying components inside these stations. When these systems / components fail, they must be replaced because in most cases this vintage equipment is no longer supported. The timely replacement of these systems / components enables PWC to maintain a high level of reliability for its bulk power transformation equipment.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	125,000	125,000	125,000	125,000	125,000	625,000	1,250,000
Personnel	25,000	25,000	25,000	25,000	25,000	125,000	250,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>	<b>1,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,995,000</b>
<i>FY2024 Estimate</i>							<b>110,000</b>
<b>Total</b>							<b>3,605,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>65,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	150,000	150,000	150,000	150,000	150,000	750,000	1,500,000
<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>	<b>1,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(100,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(100,000)</b>



**PROJECT TITLE**

Distribution Circuit Breaker Replacement

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000050

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2025

**PROJECT DESCRIPTION**

This ongoing project provides the funding for the timely replacement of twelve vintage power circuit breakers that are at the end of their useful life.

**PROJECT JUSTIFICATION**

PWC's aging breaker population continues to pose reliability problems for system operations. The age range of distribution circuit breakers varies from 36 years old to two (2) years old. The majority of vacuum circuit breakers purchased by PWC are on the order of 22 years old. A significant population of units are of a vintage where replacement parts are extremely hard to acquire and are extremely expensive. This project will begin the annual replacement of the oldest, most problematic units first. Additionally, this project will enable PWC to begin to utilize the IED technology currently available for use in substation environments. The purpose of this technology deployment will be to improve system reliability and reduce operational costs. This is the last year of this project which has been ongoing for the last nine fiscal years.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	575,000	0	0	0	0	0	575,000
Personnel	25,000	0	0	0	0	0	25,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>405,000</b>
<b>Total</b>							<b>1,005,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	600,000	0	0	0	0	0	600,000
<b>Total</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(100,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(100,000)</b>



**PROJECT TITLE**

T/D Substation Control Building Replacement

**MANAGER**

Danny Vinson

**PRIORITY**

Medium



**CATEGORY**

Structures and Improvements

**BUDGET CODE**

CPR1000364

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2024

**EST. COMPLETION DATE**

FY 2028

**PROJECT DESCRIPTION**

The purpose of this ongoing project is to systematically replace vintage control buildings at T/D substations that are not scheduled for entire substation bus, equipment, and control system replacements within the next ten years.

**PROJECT JUSTIFICATION**

These control buildings have exceeded or are approaching their life expectancy due to structure or other environmental issues. This project will replace both the control building and the protective relaying equipment for the substation. PWC has begun the process of building and operating "smart stations". This process will enable PWC to replace these structures and incorporate "smart station" micro-processor based protective relaying all into one package.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	50,000	50,000	50,000	50,000	0	0	200,000
Equipment	425,000	425,000	425,000	425,000	0	0	1,700,000
Personnel	25,000	25,000	25,000	25,000	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>222,000</b>
<i>FY2024 Estimate</i>							<b>475,000</b>
<b>Total</b>							<b>2,697,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	500,000	500,000	500,000	0	0	2,000,000
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

T/D Substation Protection and Control System Upgrade

**MANAGER**

Danny Vinson

**PRIORITY**

Medium



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000530

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2028

**PROJECT DESCRIPTION**

This ongoing project will provide the funds to upgrade older T/D Substations with new control systems and system protection equipment. Vintage T/D protective equipment will be replaced with microprocessor based control systems utilizing fiber optic communication systems, cable trench systems, and magnetic actuated vacuum circuit breakers as required. Substations identified for replacement in FY 2024 include FTI 66/12 kV Substation and College Lakes 66/12 kV Substation.

**PROJECT JUSTIFICATION**

The differential relay panel inside these vintage substation sites utilize electromechanical relays to provide the necessary protection for the power transformer inside these stations. This equipment is at the end of its useful life and needs to be replaced to maintain the high level of reliability required at these critical stations. The existing high-side equipment at these sites does not provide the necessary protection for the power transformer and must be replaced. The cable and conduit system requires replacement so that high speed fiber optic communications can be provided to all substation equipment for fault data retrieval and protective relay communication.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	150,000	150,000	150,000	150,000	0	0	600,000
Equipment	325,000	325,000	325,000	325,000	0	0	1,300,000
Personnel	25,000	25,000	25,000	25,000	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>425,000</b>
<b>Total</b>							<b>2,425,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	500,000	500,000	500,000	0	0	2,000,000
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

T/D Sub 66 kV Power Transformer Protection Equipment Upgrade

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000218

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

FY 2019

FY 2029

**PROJECT DESCRIPTION**

This ongoing project will provide funding for the upgrade of the 66 kV power transformer protection equipment at a number of PWC's vintage substations.

**PROJECT JUSTIFICATION**

This protection equipment, in many cases, is at the end-of-life and needs to be replaced with modern equipment which will provide for additional power transformer protection functionality for both transmission and distribution systems during fault events.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	125,000	125,000	125,000	125,000	125,000	0	625,000
Equipment	350,000	350,000	350,000	350,000	350,000	0	1,750,000
Personnel	25,000	25,000	25,000	25,000	25,000	0	125,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>2,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,878,000</b>
<i>FY2024 Estimate</i>							<b>438,000</b>
<b>Total</b>							<b>4,816,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>337,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	500,000	500,000	500,000	500,000	0	2,500,000
<b>Total</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>2,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(50,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(50,000)</b>



**PROJECT TITLE**

POD I 230 kV Switch Replacement

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000472

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

356000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2024

**EST. COMPLETION DATE**

FY 2025

**PROJECT DESCRIPTION**

This project provides the funding to replace all three 230 kV motor operated air-break switches (MOABS) at Point of Delivery (POD) I.

**PROJECT JUSTIFICATION**

These MOABS are 1970's vintage equipment and their reliability is questionable. They can no longer be rebuilt because the parts are no longer available. Due to technological improvements an improved version is currently available. In FY 2020, Duke Energy Progress (DEP) improved the reliability of PWC's connection to their system at this delivery point by installing a breaker and half scheme at their station. In order for PWC to ensure that it maintains a reliable 230 kV connection at its auto-transformers these switches need to be replaced.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	50,000	0	0	0	0	0	50,000
Equipment	300,000	0	0	0	0	0	300,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>
<i>Pre-FY2024 Exp</i>							<b>6,000</b>
<i>FY2024 Estimate</i>							<b>350,000</b>
<b>Total</b>							<b>706,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	350,000	0	0	0	0	0	350,000
<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

T/D Substation Antiballistic Fencing

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000543

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

This project will provide funding to remove existing chain-link fencing and replace it with antiballistic fencing at identified target-prone T/D Substations.

**PROJECT JUSTIFICATION**

This project will provide a higher-level physical barrier to PWC's T/D Substations than currently exists at these locations. Recent terrorism events have prompted the need to install these antiballistic barriers to physically protect these target prone sites.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	125,000	0	125,000
Equipment	0	0	0	0	150,000	0	150,000
Personnel	0	0	0	0	25,000	0	25,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>300,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>25,000</b>
<b>Total</b>							<b>325,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	0	0	0	0	300,000	0	300,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>300,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Delivery Point Antiballistic Fencing

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000540

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

353000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2024

**EST. COMPLETION DATE**

FY 2025

**PROJECT DESCRIPTION**

This project will provide funding to remove existing chain-link fencing and replace it with antiballistic fencing at identified target-prone 230 kV Delivery Points.

**PROJECT JUSTIFICATION**

This project will provide a higher-level physical barrier to PWC's 230 kV Delivery Points than currently exists at these locations. Recent terrorism events have prompted the need to install these antiballistic barriers to physically protect these target prone sites.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	25,000	0	25,000
Construction	0	0	0	0	150,000	0	150,000
Equipment	0	0	0	0	300,000	0	300,000
Personnel	0	0	0	0	25,000	0	25,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>50,000</b>
<b>Total</b>							<b>550,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	0	0	0	0	500,000	0	500,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Distribution Substation 66-12 kV Power Transformer

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000384

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

FY 2030

**PROJECT DESCRIPTION**

This ongoing project is to provide for the replacement of 66 -12 kV power transformers as scheduled at PWC’s equivalent 27 T/D substations.

**PROJECT JUSTIFICATION**

Based on condition monitoring analytics and routine electrical tests, a number of vintage power transformers at these stations are nearing the end of their useful life. This project will provide for a swappable unit should any of the in-service transformers require immediate replacement prior to the scheduled substation rebuild.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	2,000,000	2,000,000	2,400,000	2,400,000	2,400,000	2,400,000	13,600,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,400,000</b>	<b>2,400,000</b>	<b>2,400,000</b>	<b>2,400,000</b>	<b>13,600,000</b>
<i>Pre-FY2024 Exp</i>							<b>2,457,000</b>
<i>FY2024 Estimate</i>							<b>1,500,000</b>
<b>Total</b>							<b>17,557,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>581,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Substation Rebuild C	2,000,000	2,000,000	2,400,000	2,400,000	2,400,000	2,400,000	13,600,000
<b>Total</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,400,000</b>	<b>2,400,000</b>	<b>2,400,000</b>	<b>2,400,000</b>	<b>13,600,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

230-67kV Auto-Transformer

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000434

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

353000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2025

**CONSTRUCTION START DATE**

FY 2026

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This ongoing project will provide funds for the replacement of a 230-67 kV 120 MVA auto-transformer at Point of Delivery (POD) III.

**PROJECT JUSTIFICATION**

The existing unit is twenty-nine (29) years old. Dissolved gas analyses (DGA) indicate that there is excessive heating within the windings of this unit. The circulating current issue associated with this inadvertent ground has temporarily been addressed. However, replacement of this auto-transformer is critical from both a contingency perspective and system load allocation perspective. Supply-chain issues have substantially increased the cost and lead-times associated with this unit.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	0	3,800,000	0	0	0	0	3,800,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>3,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,800,000</b>
<i>Pre-FY2024 Exp</i>							<b>275,000</b>
<i>FY2024 Estimate</i>							<b>2,700,000</b>
<b>Total</b>							<b>6,775,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>92,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	3,800,000	0	0	0	0	3,800,000
<b>Total</b>	<b>0</b>	<b>3,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,800,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

Cumberland Road 66 -12 kV Substation Rebuild

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000471

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2024

**EST. COMPLETION DATE**

FY 2025

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

This multi-year project will provide the funding to replace the existing 66 kV primary and secondary 12 kV bus at Cumberland Rd 66-12 kV Substation with a more modular steel column design that will accommodate a larger 3-phase LTC power transformer.

**PROJECT JUSTIFICATION**

Cumberland Rd Substation is a 35 - year old station that has been modified over the years to address NCDOT improvements along Cumberland Rd. This station is utilized extensively for transmission circuit switching between POD I and POD III. Its' reliability is critical to being able to address transmission outages at the POD level. All of the structure, electrical bus, transmission entrances, and distribution exits need to be replaced in order to improve this stations level of reliability. This project will enable all protective relaying and control devices to be replaced with microprocessor units that will facilitate the remote setting and retrieval of system operational information from this station.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	50,000	0	0	0	0	0	50,000
Construction	1,800,000	0	0	0	0	0	1,800,000
Equipment	1,750,000	0	0	0	0	0	1,750,000
Personnel	50,000	0	0	0	0	0	50,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>3,650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,650,000</b>
<i>Pre-FY2024 Exp</i>							<b>345,000</b>
<i>FY2024 Estimate</i>							<b>1,650,000</b>
<b>Total</b>							<b>5,645,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	3,650,000	0	0	0	0	0	3,650,000
<b>Total</b>	<b>3,650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,650,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

PO Hoffer 66-12 kV Substation Rebuild

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Structures and Improvements

**BUDGET CODE**

CPR1000421

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement          X           
 Expansion           
 New           
 Renovation         

**BID DATE**

FY 2025

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This multi-year project will provide the funding to replace the existing 66 kV primary and secondary 12 kV bus at PO Hoffer 66-12 kV Substation with a more modular steel column design that will accommodate a larger 3-phase LTC power.

**PROJECT JUSTIFICATION**

PO Hoffer Substation is a 34 year old station that serves PWC's largest Water Treatment Facility, PO Hoffer in addition to other distribution loads in close proximity to this treatment facility. Its' reliability is critical to the uninterrupted operation of the PO Hoffer Treatment Plant facility and the industrial loads served by this station. All of the electrical and wooden structure, electrical bus, transmission entrances and distribution exits need to be replaced in order to improve this station's high level of reliability. This project will enable all protective relaying and control devices to be replaced with microprocessor units that will facilitate the remote setting and retrieval of system operational information from this station.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	100,000	0	0	0	0	0	100,000
Construction	1,000,000	1,200,000	0	0	0	0	2,200,000
Equipment	2,100,000	0	0	0	0	0	2,100,000
Personnel	50,000	50,000	0	0	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>3,250,000</b>	<b>1,250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,422,000</b>
<i>FY2024 Estimate</i>							<b>1,500,000</b>
<b>Total</b>							<b>7,422,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	3,250,000	1,250,000	0	0	0	0	4,500,000
<b>Total</b>	<b>3,250,000</b>	<b>1,250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Railroad Street 66-12 kV Substation Rebuild

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000536

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2025

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This multi-year project will provide the funding to replace the existing 66 kV primary and secondary 12 kV bus at Railroad St 66-12 kV Substation with a more modular steel column design that will accommodate a larger 3-phase LTC power transformer and associated oil containment system.

**PROJECT JUSTIFICATION**

Railroad St Substation is a 33 year old station that serves East Fayetteville customers and is the back-up station for the Rockfish Waste Water Treatment Plant, PWC's largest Waste-Water Treatment Facility. Its' reliability is critical to the uninterrupted operation of the Rockfish Waste Water Treatment Plant facility and the commercial loads served by this station. This project will enable all protective relaying and control devices to be replaced with microprocessor units that will facilitate the remote setting and retrieval of system operational information from this station.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	100,000	0	0	0	0	0	100,000
Construction	0	2,000,000	0	0	0	0	2,000,000
Equipment	1,500,000	1,550,000	0	0	0	0	3,050,000
Personnel	0	150,000	0	0	0	0	150,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,600,000</b>	<b>3,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,300,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,300,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	1,600,000	3,700,000	0	0	0	0	5,300,000
<b>Total</b>	<b>1,600,000</b>	<b>3,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,300,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Amazon 66-12 kV Substation

**MANAGER**

Danny Vinson

**PRIORITY**

Medium



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000537

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

362000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2028

**CONSTRUCTION START DATE**

FY 2028

**EST. COMPLETION DATE**

FY 2029

**PROJECT DESCRIPTION**

This multi-year project will provide the funding to install a 20 MVA electrical distribution source and associated substation equipment to serve development in the Military Business Park and surrounding area at the west and will replace the existing 66 kV primary and secondary 12 kV bus at Railroad St 66-12 kV Substation with a more modular steel column design that will accommodate a larger 3-phase LTC power transformer and associated oil containment system.

**PROJECT JUSTIFICATION**

The Fort Liberty Military Reservation and to major transportation arteries now that I-295 has been extended into this area. Currently Amazon has built a new Distribution Warehouse on this property and there are additional companies interested in this property because of Amazon's location. PWC is currently serving the Military Business Park from sources 5 circuit miles away from load center. This source will provide express feed capability to these large commercial loads and service reliability should dramatically improve at the Park because of this station's close proximity to the Military Business park property.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	500,000	0	0	0	0	500,000
Engineering	0	0	100,000	50,000	0	0	150,000
Construction	0	0	0	0	2,000,000	0	2,000,000
Equipment	0	0	0	2,000,000	1,200,000	0	3,200,000
Personnel	0	0	0	0	150,000	0	150,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>100,000</b>	<b>2,050,000</b>	<b>3,350,000</b>	<b>0</b>	<b>6,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>6,000,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	500,000	100,000	2,050,000	3,350,000	0	6,000,000
<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>100,000</b>	<b>2,050,000</b>	<b>3,350,000</b>	<b>0</b>	<b>6,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

POD IV 230-66 kV Substation

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000064

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

353000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_ X  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

This multi-year project will provide the funds for installing a fourth 230-66 kV 120 MVA (base rated) Point of Delivery Substation in the southern portion of PWC's electrical service territory.

**PROJECT JUSTIFICATION**

Area load studies dictate the need for a fourth 230-66 kV delivery point substation within the next 10 year planning horizon. This project will improve load flows within the central and southern portions of the PWC electric utility service territory and will improve the reliability of the 66-kV sub-transmission system by providing an additional contingency source. Studies are currently underway to redefine the timing and scope for this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	125,000	1,150,000	1,275,000
Construction	0	0	0	0	0	3,900,000	3,900,000
Equipment	0	0	0	0	0	12,000,000	12,000,000
Personnel	0	0	0	0	0	500,000	500,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>	<b>17,550,000</b>	<b>17,675,000</b>
<i>Pre-FY2024 Exp</i>							<b>1,708,000</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>19,383,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>105,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	0	0	125,000	17,550,000	17,675,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>	<b>17,550,000</b>	<b>17,675,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

POD V 230-66 kV Substation

**MANAGER**

Joel Valley

**PRIORITY**

High



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000541

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

353000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

This multi-year project will provide the funds for installing a fifth 230-66 kV 120 MVA (base rated) Point of Delivery Substation in the northern portion of PWC’s electrical service territory in close proximity to Duke Energy-Progress Fort Liberty - Woodruff Street 230 kV Transmission line.

**PROJECT JUSTIFICATION**

Area load studies dictate the need for a fourth 230-66 kV delivery point substation within the next 20-year planning horizon. This project will support industrial and commercial growth in this area and will improve load flows within the eastern and northern portions of the PWC electric utility service territory. It will continue to improve the reliability of the 66-kV sub-transmission system by providing an additional contingency source. Studies are currently underway to redefine the timing and scope for this project.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	2,500,000	2,500,000
Construction	0	0	0	0	0	10,000,000	10,000,000
Equipment	0	0	0	0	0	15,000,000	15,000,000
Personnel	0	0	0	0	0	500,000	500,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,000,000</b>	<b>28,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>28,000,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	0	0	0	28,000,000	28,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,000,000</b>	<b>28,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

ROW Additions Distribution

**MANAGER**

Mark Falcon

**PRIORITY**

High



**CATEGORY**

Land and Land Rights

**BUDGET CODE**

CPR1000210

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

360000

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_ X  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**PROJECT DESCRIPTION**

This ongoing project provides funding for PWC to purchase the necessary right-of-way (ROW) easements needed for the installation of overhead and underground distribution facilities and to facilitate the improved maintenance of existing facilities.

**PROJECT JUSTIFICATION**

ROW easements are necessary for PWC to be able to protect its installed utility assets. Adequate ROWs, associated clearing, and unobstructed access are necessary for PWC to be able to maintain a high degree of electric service reliability to its customers. Additional ROW purchases are necessary for the construction or relocation of overhead and underground distribution circuits in conjunction with system improvement projects and to increase clearance widths as required to ensure safe and reliable operation of the distribution system.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	150,000	150,000	150,000	150,000	150,000	750,000	1,500,000
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>	<b>1,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>78,000</b>
<i>FY2024 Estimate</i>							<b>25,000</b>
<b>Total</b>							<b>1,603,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>6,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	150,000	150,000	150,000	150,000	150,000	750,000	1,500,000
<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>	<b>1,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

ROW Additions Transmission - Asset Protection

**MANAGER**

Marc Tunstall

**PRIORITY**

High



**CATEGORY**

Land and Land Rights

**BUDGET CODE**

CPR1000503

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

350000

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

FY 2022

Ongoing

**TYPE PROJECT**

Replacement	<u>          </u>	X
Expansion	<u>          </u>	X
New	<u>          </u>	
Renovation	<u>          </u>	

**PROJECT DESCRIPTION**

This ongoing project provides funding for PWC to purchase the necessary right-of-way (ROW) easements needed for the installation of overhead transmission and sub-transmission facilities and to facilitate the improved maintenance of existing facilities.

**PROJECT JUSTIFICATION**

ROW easements are necessary for PWC to be able to protect its installed utility assets. Adequate ROWs, associated clearing, and unobstructed access are necessary for PWC to be able to maintain a high degree of electric service reliability to its customers. Additional ROW purchases are necessary for the construction or relocation of overhead transmission and sub-transmission circuits in conjunction with system improvement projects and to increase clearance widths as required to ensure safe and reliable operation of the transmission.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	350,000	350,000	350,000	350,000	350,000	1,750,000	3,500,000
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>1,750,000</b>	<b>3,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>150,000</b>
<b>Total</b>							<b>3,650,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	350,000	350,000	350,000	350,000	350,000	1,750,000	3,500,000
<b>Total</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>1,750,000</b>	<b>3,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Downtown UG Infrastructure Reliability Improvements

**MANAGER**

Sonny Snook

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000251

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

367000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

No Bid Required

**CONSTRUCTION START DATE**

FY 2024

**EST. COMPLETION DATE**

FY 2027

**PROJECT DESCRIPTION**

This project will replace secondary cables, cable connectors / components / fuses, and vault-style transformers as required and install underground remote operated sectionalizing equipment and fiber optic communication as necessary.

**PROJECT JUSTIFICATION**

This ongoing project will improve the safety, functionality, and safety of the extensive underground network that exists Downtown. It will reduce the environmental hazards associated with below grade transformation equipment.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	600,000	600,000	250,000	0	0	0	1,450,000
Equipment	600,000	600,000	250,000	0	0	0	1,450,000
Personnel	300,000	300,000	150,000	0	0	0	750,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,650,000</b>
<i>Pre-FY2024 Exp</i>							<b>382,000</b>
<i>FY2024 Estimate</i>							<b>1,200,000</b>
<b>Total</b>							<b>5,232,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>106,000</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	1,500,000	1,500,000	650,000	0	0	0	3,650,000
<b>Total</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,650,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(500,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(500,000)</b>



**PROJECT TITLE**

Underground Distribution / Streetscape Improvement

**MANAGER**

Sonny Snook

**PRIORITY**

Low



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000072

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

367000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Ongoing

**PROJECT DESCRIPTION**

Replace existing underground distribution infrastructure as necessary and convert overhead distribution infrastructure to underground as required to address electric utility system improvements Downtown.

**PROJECT JUSTIFICATION**

This ongoing project is being performed in support of the City of Fayetteville’s long-range plans for Streetscape Improvements Downtown. This Project will provide funding for miscellaneous streetscape improvements not otherwise identified in the CIP.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	20,000	20,000	20,000	20,000	20,000	100,000	200,000
Equipment	20,000	20,000	20,000	20,000	20,000	100,000	200,000
Personnel	10,000	10,000	10,000	10,000	10,000	50,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>	<b>500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>500,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	50,000	50,000	50,000	50,000	50,000	250,000	500,000
<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>	<b>500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

CoF Person St 300 - 600 Block Streetscape Improvement

**MANAGER**

Sonny Snook

**PRIORITY**

Low



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000074

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

367000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_ X

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

Replace existing underground distribution infrastructure as necessary and convert overhead distribution infrastructure to underground along the 300, 400, 500, and 600 blocks of Person St Downtown.

**PROJECT JUSTIFICATION**

This project is being performed in support of the City of Fayetteville's long-range plans for Streetscape Improvements Downtown. This project will complete all of the multi-year streetscape improvement projects along Person St beginning at the Market House and extending to Eastern Blvd / US-301.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	1,250,000	1,250,000
Equipment	0	0	0	0	0	1,250,000	1,250,000
Personnel	0	0	0	0	0	250,000	250,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,750,000</b>	<b>2,750,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,750,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	0	0	0	0	0	2,750,000	2,750,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,750,000</b>	<b>2,750,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

DMS Software and Implementation

**MANAGER**

Brandon Huelsman

**PRIORITY**

High



**CATEGORY**

Inhouse Computer System

**BUDGET CODE**

CPR1000432

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

306000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

No Bid Required

**CONSTRUCTION START DATE**

FY 2023

**EST. COMPLETION DATE**

FY 2027

**PROJECT DESCRIPTION**

This ongoing project is a companion project for the Outage Management System. The Distribution Management System (DMS) will provide for real-time load-flow calculation analytics, advanced voltage, VAR, and conservation voltage reduction (CVR) control, and improved field view of the electric systems network and data retrieval associated with outage response.

**PROJECT JUSTIFICATION**

This system will help improve our system service reliability, reduce our system losses, and reduce or demand during coincident system peaks with Duke Energy – Progress. It will improve safety and information flow to and from field crews during system emergencies and restoration events. Additionally, it will provide the means to perform automatic switch order management distribution sub-transmission feeder reconfiguration, distribution automation, and distributed energy resource systems management.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	525,000	500,000	450,000	0	0	0	1,475,000
Personnel	100,000	100,000	75,000	0	0	0	275,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>625,000</b>	<b>600,000</b>	<b>525,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,750,000</b>
<i>Pre-FY2024 Exp</i>							<b>278,000</b>
<i>FY2024 Estimate</i>							<b>415,000</b>
<b>Total</b>							<b>2,443,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	625,000	600,000	525,000	0	0	0	1,750,000
<b>Total</b>	<b>625,000</b>	<b>600,000</b>	<b>525,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,750,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	(1,000,000)
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>(1,000,000)</b>



**PROJECT TITLE**

T/D SCADA System Replacement

**MANAGER**

Brandon Huelsman

**PRIORITY**

High



**CATEGORY**

SCADA Masters

**BUDGET CODE**

CPR1000520

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

306000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

No Bid Required

**CONSTRUCTION START DATE**

FY 2024

**EST. COMPLETION DATE**

FY 2025

**PROJECT DESCRIPTION**

This ongoing project will provide the funds to replace the existing Advanced Control Systems Supervisory Control and Data Acquisition (SCADA) system software with the latest state-of-the-art browser-based software that will improve reporting capability and the creation / functionality of one-line displays.

**PROJECT JUSTIFICATION**

The new ACS software represents a significant upgrade to the functionality of the ACS SCADA system. This system will provide for high-performance real-time graphical schematics of power systems and substations and automatic calculation of statistics on device performance which will effectively support effective alarm processing and load shedding / system restoration.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	700,000	0	0	0	0	0	700,000
Personnel	25,000	0	0	0	0	0	25,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>725,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>725,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>25,000</b>
<b>Total</b>							<b>750,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	725,000	0	0	0	0	0	725,000
<b>Total</b>	<b>725,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>725,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Gas Turbine #4 Generator Step Up Transformer Replacement

**MANAGER**

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000516

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

350000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

12/1/2024

**CONSTRUCTION START DATE**

April2025

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This ongoing project will support the replacement Generator Step-Up Transformer (GSUT) #4 at the Butler Warner Generator Plant.

**PROJECT JUSTIFICATION**

GSUT #4 is over 50 years old. The latest electrical test results indicate that the low-side winding is beginning to fail. Replacement of this unit is necessary to ensure reliability of the Butler Warner Generator Plant when dispatched by Duke Energy Progress. High reliability of this plant is necessary to ensure the PWC meets its performance requirements associated with the Duke Energy-Progress Power Supply contract.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	500,000	1,000,000	0	0	0	0	1,500,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>308,000</b>
<i>FY2024 Estimate</i>							<b>650,000</b>
<b>Total</b>							<b>2,458,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	1,000,000	0	0	0	0	1,500,000
<b>Total</b>	<b>500,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**





**PROJECT TITLE**

Generator Step-Up Transformers - Cooler Replacement

**MANAGER**

Danny Vinson

**PRIORITY**

High



**CATEGORY**

Transmission Plant

**BUDGET CODE**

CPR1000529

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

353000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2024

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This three-year project will provide the funds necessary to replace eight (8) generator step-up transformer (GSUT) coolers at the Butler Warner Generation Plant.

**PROJECT JUSTIFICATION**

The GSUTs are over 50 years old. Their current coolers are not performing properly due to age, bent vents, and the inability to pivot them for cleaning. The new coolers are designed to provide better cooling and are able to be cleaned more easily. Replacement of these coolers will help improve the reliability of BWGP and help meet the performance requirements required by the Duke Energy-Progress Power Supply contract.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	900,000	900,000	0	0	0	0	1,800,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>900,000</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,800,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>400,000</b>
<b>Total</b>							<b>2,200,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	900,000	900,000	0	0	0	0	1,800,000
<b>Total</b>	<b>900,000</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,800,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Solar Compliance Resource – Sally Hill 2 MW

**MANAGER**

John Allen

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000519

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2025

**PROJECT DESCRIPTION**

This project will provide funding to construct a 2 MW Solar Farm on the Sally Hill 230-66 kV Delivery Point property on US301 at the southern boundary of our electric service territory.

**PROJECT JUSTIFICATION**

This project will provide PWC with a renewable resource to offset peak demands during the spring and summer months of the year and is a critical component of PWC's Green Energy Portfolio.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	750,000	0	0	0	0	0	750,000
Equipment	3,900,000	0	0	0	0	0	3,900,000
Personnel	25,000	0	0	0	0	0	25,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>4,675,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,675,000</b>
<i>Pre-FY2024 Exp</i>							<b>184,000</b>
<i>FY2024 Estimate</i>							<b>1,500,000</b>
<b>Total</b>							<b>6,359,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	4,675,000	0	0	0	0	0	4,675,000
<b>Total</b>	<b>4,675,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,675,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	100,000
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>100,000</b>



**PROJECT TITLE**

Solar Compliance Resource – Rockfish 4.8 MW

**MANAGER**

John Allen

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000546

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2024

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2025

**PROJECT DESCRIPTION**

This project will provide funding to construct a 4.8 MW Solar Farm in our south-east electric service territory in close proximity to the Rockfish Waste Water Reclamation Facility located on Tracy Hall Rd.

**PROJECT JUSTIFICATION**

This project will provide PWC with a renewable resource to offset peak demands during the spring and summer months of the year and is a critical component of PWC's Green Energy Portfolio.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	50,000	0	0	0	0	0	50,000
Construction	1,500,000	0	0	0	0	0	1,500,000
Equipment	7,300,000	0	0	0	0	0	7,300,000
Personnel	100,000	0	0	0	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>8,950,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,950,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>25,000</b>
<b>Total</b>							<b>8,975,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	8,950,000	0	0	0	0	0	8,950,000
<b>Total</b>	<b>8,950,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,950,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Solar Compliance Resource – Carvers Falls 4.9 MW

**MANAGER**

John Allen

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000539

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2025

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This project will provide funding to construct a 4 MW Community Solar Farm on a future site within the PWC electric service territory.

**PROJECT JUSTIFICATION**

This project will enable PWC to offer its customers an opportunity to continue to participate in a large-scale solar generation project without the capital investment that would be required for a rooftop solar installation. It will also offer the opportunity to realize some of the savings associated with a large-scale solar project to a wider range of PWC customers who are not property owners.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	75,000	25,000	0	0	0	0	100,000
Construction	250,000	2,000,000	0	0	0	0	2,250,000
Equipment	0	6,600,000	0	0	0	0	6,600,000
Personnel	0	100,000	0	0	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>325,000</b>	<b>8,725,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,050,000</b>
<i>Pre-FY2024 Exp</i>							<b>10,000</b>
<i>FY2024 Estimate</i>							<b>15,000</b>
<b>Total</b>							<b>9,075,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	325,000	8,725,000	0	0	0	0	9,050,000
<b>Total</b>	<b>325,000</b>	<b>8,725,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,050,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Solar Compliance Resource – Butler-Warner 4.95 MW

**MANAGER**

John Allen

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000555

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2026

**CONSTRUCTION START DATE**

FY 2026

**EST. COMPLETION DATE**

FY 2027

**PROJECT DESCRIPTION**

This project will provide funding to construct a 4.95 MW Solar Farm in close proximity to the Butler Warner Generation Facility in the north-east portion of our electric service territory.

**PROJECT JUSTIFICATION**

This project will provide PWC with a renewable resource to offset peak demands during the spring and summer months of the year and is a critical component of PWC's Green Energy Portfolio.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	100,000	50,000	0	0	0	150,000
Construction	0	350,000	2,000,000	0	0	0	2,350,000
Equipment	0	0	6,500,000	0	0	0	6,500,000
Personnel	0	0	100,000	0	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>450,000</b>	<b>8,650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,100,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>9,100,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	450,000	8,650,000	0	0	0	9,100,000
<b>Total</b>	<b>0</b>	<b>450,000</b>	<b>8,650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,100,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Solar Compliance Resource - Site #5 5 MW

**MANAGER**

John Allen

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000558

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

Unidentified

**CONSTRUCTION START DATE**

FY 2027

**EST. COMPLETION DATE**

FY 2028

**PROJECT DESCRIPTION**

This project will provide funding to construct a Solar Farm in close proximity to the Butler Warner Generation Facility in the north-east portion of our electric service territory.

**PROJECT JUSTIFICATION**

This project will provide PWC with a renewable resource to offset peak demands during the spring and summer months of the year and is a critical component of PWC's Green Energy Portfolio.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	40,000	10,000	0	0	50,000
Construction	0	0	435,000	1,240,000	0	0	1,675,000
Equipment	0	0	0	7,300,000	0	0	7,300,000
Personnel	0	0	0	100,000	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>475,000</b>	<b>8,650,000</b>	<b>0</b>	<b>0</b>	<b>9,125,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>9,125,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	475,000	8,650,000	0	0	9,125,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>475,000</b>	<b>8,650,000</b>	<b>0</b>	<b>0</b>	<b>9,125,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Solar Compliance Resource - Site #6 5 MW

**MANAGER**

John Allen

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000559

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

Unidentified

**CONSTRUCTION START DATE**

FY 2027

**EST. COMPLETION DATE**

FY 2028

**PROJECT DESCRIPTION**

This project will provide funding to construct a Solar Farm in close proximity to the Butler Warner Generation Facility in the north-east portion of our electric service territory.

**PROJECT JUSTIFICATION**

This project will provide PWC with a renewable resource to offset peak demands during the spring and summer months of the year and is a critical component of PWC's Green Energy Portfolio.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	40,000	10,000	0	0	50,000
Construction	0	0	435,000	1,240,000	0	0	1,675,000
Equipment	0	0	0	7,300,000	0	0	7,300,000
Personnel	0	0	0	100,000	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>475,000</b>	<b>8,650,000</b>	<b>0</b>	<b>0</b>	<b>9,125,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>9,125,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	475,000	8,650,000	0	0	9,125,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>475,000</b>	<b>8,650,000</b>	<b>0</b>	<b>0</b>	<b>9,125,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**





**PROJECT TITLE**

Solar Compliance Resource - Site #7 5 MW

**MANAGER**

John Allen

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000561

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

341000

**TYPE PROJECT**

Replacement \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_ X \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

Unidentified

**CONSTRUCTION START DATE**

FY 2028

**EST. COMPLETION DATE**

FY 2029

**PROJECT DESCRIPTION**

This project will provide funding to construct a Solar Farm in close proximity to the Butler Warner Generation Facility in the north-east portion of our electric service territory.

**PROJECT JUSTIFICATION**

This project will provide PWC with a renewable resource to offset peak demands during the spring and summer months of the year and is a critical component of PWC's Green Energy Portfolio.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	40,000	10,000	0	50,000
Construction	0	0	0	460,000	1,240,000	0	1,700,000
Equipment	0	0	0	0	7,300,000	0	7,300,000
Personnel	0	0	0	0	100,000	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>8,650,000</b>	<b>0</b>	<b>9,150,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>9,150,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Bonds	0	0	0	500,000	8,650,000	0	9,150,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>8,650,000</b>	<b>0</b>	<b>9,150,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Bragg Boulevard Gateway Improvement - Phase II

**MANAGER**

Sonny Snook

**PRIORITY**

Low



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000032

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

This project will replace existing overhead primary and secondary conductors and devices along the north side of Bragg Blvd from Stamper Rd to Carol St with underground distribution facilities and to replace and improve roadway lighting in this area. Conduit and vaults will be installed to accommodate both, municipal and other communication facilities.

**PROJECT JUSTIFICATION**

This project is complementary to the previous Gateway Improvement Projects that have been completed in an effort to improve the aesthetics of the major arteries into Fayetteville. This project will foster redevelopment in this area because of its close proximity to the Fort Liberty Military Reservation.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	1,375,000	1,375,000
Equipment	0	0	0	0	0	1,375,000	1,375,000
Personnel	0	0	0	0	0	250,000	250,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>	<b>3,000,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,000,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	0	0	0	0	0	3,000,000	3,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>	<b>3,000,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4900 Murchison Road Widening

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000243

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2025

**CONSTRUCTION START DATE**

FY 2025

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

This project will relocate transmission and distribution facilities along Murchison Rd, including poles, conductors, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-4900.

**PROJECT JUSTIFICATION**

Facilities are being relocated at the request of NCDOT and the City of Fayetteville to accommodate the widening of Murchison Rd from US 401 to the I-295 bypass.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	1,000,000	100,000	0	0	0	0	1,100,000
Construction	4,500,000	0	0	0	0	0	4,500,000
Equipment	4,500,000	0	0	0	0	0	4,500,000
Personnel	200,000	0	0	0	0	0	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>10,200,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,300,000</b>
<i>Pre-FY2024 Exp</i>							<b>50,000</b>
<i>FY2024 Estimate</i>							<b>200,000</b>
<b>Total</b>							<b>10,550,000</b>

*(Rolling 3 Yr Avg)*

**0**

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	10,200,000	100,000	0	0	0	0	10,300,000
<b>Total</b>	<b>10,200,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,300,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

NCDOT U-4403B Ramsey Street Widening

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000416

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

"This project will relocate transmission and distribution facilities along Ramsey St, including poles, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-4403B.

**PROJECT JUSTIFICATION**

Facilities are being relocated at the request of the NCDOT and the City of Fayetteville to accommodate the widening of Ramsey St from the intersection of the CBD Loop to the intersection of the US 401 bypass.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	1,250,000	0	1,250,000
Engineering	0	0	0	0	1,100,000	500,000	1,600,000
Construction	0	0	0	0	1,500,000	500,000	2,000,000
Equipment	0	0	0	0	1,500,000	500,000	2,000,000
Personnel	0	0	0	0	100,000	100,000	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,450,000</b>	<b>1,600,000</b>	<b>7,050,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>7,050,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	0	0	5,450,000	1,600,000	7,050,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,450,000</b>	<b>1,600,000</b>	<b>7,050,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4403C Ramsey Street Widening US 401 Bypass to Slocomb Road North

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000462

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

FY 2027

**CONSTRUCTION START DATE**

FY 2027

**EST. COMPLETION DATE**

FY 2028

**PROJECT DESCRIPTION**

This project will relocate transmission and distribution facilities along Ramsey St, including poles, conductors, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-4403C.

**PROJECT JUSTIFICATION**

Facilities are being relocated from US 401 bypass (Country Club Dr) to north of Slocomb Rd at the request of NCDOT to accommodate highway widening improvements along Ramsey St.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	1,000,000	500,000	0	0	1,500,000
Engineering	0	150,000	1,000,000	500,000	0	0	1,650,000
Construction	0	0	10,000,000	3,000,000	0	0	13,000,000
Equipment	0	0	10,000,000	3,000,000	0	0	13,000,000
Personnel	0	0	150,000	150,000	0	0	300,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>150,000</b>	<b>22,150,000</b>	<b>7,150,000</b>	<b>0</b>	<b>0</b>	<b>29,450,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>29,450,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	150,000	22,150,000	7,150,000	0	0	29,450,000
<b>Total</b>	<b>0</b>	<b>150,000</b>	<b>22,150,000</b>	<b>7,150,000</b>	<b>0</b>	<b>0</b>	<b>29,450,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-6133 Cliffdale Road / Skibo Road Intersection Improvement

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000463

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

FY 2028

**CONSTRUCTION START DATE**

FY 2028

**EST. COMPLETION DATE**

FY 2029

**PROJECT DESCRIPTION**

This project will relocate distribution facilities along Cliffdale (SR 1400) and Skibo (US 401 bypass) Roads, including poles, conductors, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-6133.

**PROJECT JUSTIFICATION**

"Facilities are being relocated at this intersection to accommodate traffic flow improvements along Cliffdale Rd.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	350,000	0	0	350,000
Engineering	0	0	100,000	300,000	100,000	0	500,000
Construction	0	0	0	500,000	0	0	500,000
Equipment	0	0	0	500,000	0	0	500,000
Personnel	0	0	0	100,000	0	0	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>1,750,000</b>	<b>100,000</b>	<b>0</b>	<b>1,950,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>1,950,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	100,000	1,750,000	100,000	0	1,950,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>1,750,000</b>	<b>100,000</b>	<b>0</b>	<b>1,950,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-4404 Cliffdale Road Widening

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000419

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

FY 2028

**CONSTRUCTION START DATE**

FY 2028

**EST. COMPLETION DATE**

FY 2029

**PROJECT DESCRIPTION**

This project will relocate distribution facilities along Cliffdale Rd (.9 miles), including poles, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-4404.

**PROJECT JUSTIFICATION**

Facilities are being relocated at the request of the NCDOT and the City of Fayetteville to accommodate the widening of Cliffdale Rd from the intersection of McPherson Church Rd to the intersection of Morganton Rd (SR-1404).

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	200,000	300,000	0	0	500,000
Engineering	0	0	250,000	500,000	250,000	0	1,000,000
Construction	0	0	0	1,000,000	750,000	0	1,750,000
Equipment	0	0	0	1,000,000	750,000	0	1,750,000
Personnel	0	0	0	100,000	100,000	0	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>450,000</b>	<b>2,900,000</b>	<b>1,850,000</b>	<b>0</b>	<b>5,200,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>5,200,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	450,000	2,900,000	1,850,000	0	5,200,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>450,000</b>	<b>2,900,000</b>	<b>1,850,000</b>	<b>0</b>	<b>5,200,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>





**PROJECT TITLE**

NCDOT U-5101 Stacey Weaver Drive Widening

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000418

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

This project will relocate distribution facilities along Stacey Weaver Dr, Rosehill Rd (SR-1615), Shaw Mill Rd (SR-1614), and Shaw Rd (SR-1437), including poles, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-5101.

**PROJECT JUSTIFICATION**

"Facilities are being relocated at the request of the NCDOT and the City of Fayetteville to accommodate the widening of Stacey Weaver Dr, Rosehill Rd, Shaw Mill Rd, and Shaw Rd from the intersection of Ramsey St (US-401) to the intersection of Murchison Rd (NC-210).

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	425,000	425,000
Engineering	0	0	0	0	0	1,050,000	1,050,000
Construction	0	0	0	0	0	3,300,000	3,300,000
Equipment	0	0	0	0	0	2,900,000	2,900,000
Personnel	0	0	0	0	0	200,000	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,875,000</b>	<b>7,875,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>7,875,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	0	0	0	7,875,000	7,875,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,875,000</b>	<b>7,875,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-6209 Cliffdale Road Widening

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000464

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

This project will relocate transmission and distribution facilities along Cliffdale Rd (SR 1400), including poles, conductors, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-6209.

**PROJECT JUSTIFICATION**

Facilities are being relocated from Bunce Rd (SR 1411) to McPherson Church Rd at the request of NCDOT to accommodate highway widening improvements along Cliffdale Rd.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	350,000	350,000
Engineering	0	0	0	0	0	1,150,000	1,150,000
Construction	0	0	0	0	0	1,350,000	1,350,000
Equipment	0	0	0	0	0	1,100,000	1,100,000
Personnel	0	0	0	0	0	100,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,050,000</b>	<b>4,050,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>4,050,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	0	0	0	4,050,000	4,050,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,050,000</b>	<b>4,050,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-6213 Ireland Drive Widening

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000465

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

This project will relocate transmission and distribution facilities along Ireland Dr (SR 1219), including poles, conductors, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-6213.

**PROJECT JUSTIFICATION**

Facilities are being relocated from Cumberland Rd (SR 1141) to Raeford Rd (US 401) at the request of NCDOT to accommodate highway widening improvements along Ireland Dr.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	500,000	500,000
Engineering	0	0	0	0	0	500,000	500,000
Construction	0	0	0	0	0	1,125,000	1,125,000
Equipment	0	0	0	0	0	1,125,000	1,125,000
Personnel	0	0	0	0	0	125,000	125,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,375,000</b>	<b>3,375,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,375,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	0	0	0	3,375,000	3,375,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,375,000</b>	<b>3,375,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-5015 Murchison Road Improvement

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000467

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

This project will relocate transmission and distribution facilities along Murchison Rd (NC 210), including poles, conductors, guys and anchors, roadway lighting, transformers, secondaries, and services to accommodate NCDOT TIP U-5015.

**PROJECT JUSTIFICATION**

Facilities are being relocated from Langdon St to south of US 401 bypass at the request of NCDOT to accommodate roadway improvements along Murchison Rd.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	500,000	500,000
Engineering	0	0	0	0	0	400,000	400,000
Construction	0	0	0	0	0	600,000	600,000
Equipment	0	0	0	0	0	500,000	500,000
Personnel	0	0	0	0	0	100,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,100,000</b>	<b>2,100,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,100,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	0	0	0	2,100,000	2,100,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,100,000</b>	<b>2,100,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

NCDOT U-6152 Robeson Street Access Management

**MANAGER**

Zachary Hall

**PRIORITY**

High



**CATEGORY**

Electric Distribution System

**BUDGET CODE**

CPR1000468

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

364000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

Unidentified

**PROJECT DESCRIPTION**

The purpose of this project is to relocate transmission and distribution facilities along Robeson St, including poles, conductors, guys and anchors, roadway lighting, transformers, secondaries and services. Facilities are being relocated from Blount St to Raeford Rd (US 401) at the request of NCDOT to accommodate roadway improvements along Robeson St.

**PROJECT JUSTIFICATION**

Facilities are being relocated from Blount St to Raeford Rd (US 401) at the request of NCDOT to accommodate roadway improvements along Robeson St.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	150,000	150,000
Engineering	0	0	0	0	0	800,000	800,000
Construction	0	0	0	0	0	650,000	650,000
Equipment	0	0	0	0	0	650,000	650,000
Personnel	0	0	0	0	0	100,000	100,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,350,000</b>	<b>2,350,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>2,350,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Participation	0	0	0	0	0	2,350,000	2,350,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,350,000</b>	<b>2,350,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel	0
Operating/Maint.	0
Capital Outlays	0
New Revenue	0
<b>Total</b>	<b>IMMATERIAL</b>



**PROJECT TITLE**

Gas Turbine 6 Major Overhaul

**MANAGER**

Ace May

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000566

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

343000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

08/19/2024

12/31/2024

**PROJECT DESCRIPTION**

Perform major overhaul on gas turbine, replacing major componets, 1st and 2nd stage buckets, aft casing, etc.

**PROJECT JUSTIFICATION**

Maintain reliability and life extension.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	3,300,000	0	0	0	0	0	3,300,000
Personnel	200,000	0	0	0	0	0	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,500,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	3,500,000	0	0	0	0	0	3,500,000
<b>Total</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Gas Turbine 4 Major Overhaul

**MANAGER**

Ace May

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000567

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

343000

**TYPE PROJECT**

Replacement \_\_\_\_\_ X \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

03/15/2025

06/30/2025

**PROJECT DESCRIPTION**

Perform major overhaul on gas turbine, replacing major componets, 1st and 2nd stage buckets, aft casing, etc.

**PROJECT JUSTIFICATION**

Maintain reliability and life extension.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	3,300,000	0	0	0	0	0	3,300,000
Personnel	200,000	0	0	0	0	0	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,500,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	3,500,000	0	0	0	0	0	3,500,000
<b>Total</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Gas Turbine 5 Overhaul

**MANAGER**

Ace May

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000568

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

343000

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

**CONSTRUCTION START DATE**

**EST. COMPLETION DATE**

08/15/2025

12/15/2025

**PROJECT DESCRIPTION**

Perform major overhaul on gas turbine, replacing major componets, 1st and 2nd stage buckets, aft casing, etc.

**PROJECT JUSTIFICATION**

Maintain reliability and life extension.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	0	3,300,000	0	0	0	0	3,300,000
Personnel	0	200,000	0	0	0	0	200,000
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>3,500,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	0	3,500,000	0	0	0	0	3,500,000
<b>Total</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**





**PROJECT TITLE**

Cooling Tower Fill Replacement

**MANAGER**

Ace May

**PRIORITY**

Medium



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000569

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

311500

**TYPE PROJECT**

Replacement  \_\_\_\_\_  
 Expansion \_\_\_\_\_  
 New \_\_\_\_\_  
 Renovation \_\_\_\_\_

**BID DATE**

12/01/2024

**CONSTRUCTION START DATE**

10/01/2025

**EST. COMPLETION DATE**

FY 2026

**PROJECT DESCRIPTION**

Replace Fill in Cooling Tower and Drift Eliminators, also motor mount structures for fans.

**PROJECT JUSTIFICATION**

Maintain cooling tower integrity for reliable operation in meeting DEP contract requirements.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Equipment	150,000	600,000	0	0	0	0	750,000
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>150,000</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>750,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	150,000	600,000	0	0	0	0	750,000
<b>Total</b>	<b>150,000</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**



**PROJECT TITLE**

Gas Line Replacement

**MANAGER**

Ace May

**PRIORITY**

High



**CATEGORY**

Generation Plant

**BUDGET CODE**

CPR1000570

**STRATEGIC PRIORITY**

Operational Excellence

**ACTIVITY**

348000

**TYPE PROJECT**

Replacement           X            
 Expansion                             
 New                                     
 Renovation                           

**BID DATE**

09/01/2024

**CONSTRUCTION START DATE**

01/01/2025

**EST. COMPLETION DATE**

05/31/2025

**PROJECT DESCRIPTION**

Underground natural gas line is near 40 years old. Move to above ground on piperack.

**PROJECT JUSTIFICATION**

Gas line is near 40 years old and underground. The gas line had leaks in the past which were repaired. There are not many isolation valves in the system. Last leak was near structures and hard to get to. PWC needs to maintain reliability to meet contract obligations.

Gas line is near 40 years old and underground. The gas line had leaks in the past which were repaired. There are not many isolation valves in the system. Last leak was near structures and hard to get to. PWC needs to maintain reliability to meet contract obligations.

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Expenses</b>							
Land	0	0	0	0	0	0	0
Engineering	25,000	0	0	0	0	0	25,000
Construction	475,000	0	0	0	0	0	475,000
Equipment	0	0	0	0	0	0	0
Personnel	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<i>Pre-FY2024 Exp</i>							<b>0</b>
<i>FY2024 Estimate</i>							<b>0</b>
<b>Total</b>							<b>500,000</b>
<i>(Rolling 3 Yr Avg)</i>							<b>0</b>

	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>FY30-FY34</b>	<b>Total</b>
<b>Funding Source</b>							
Electric Fund	500,000	0	0	0	0	0	500,000
<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**IMPACT ON FY2025 - FY2034 OPERATING BUDGET**

New Personnel 0  
 Operating/Maint. 0  
 Capital Outlays 0  
 New Revenue 0  
**Total IMMATERIAL**







**PWC**  
Fayetteville's  
HOME TOWN UTILITY

FayPWC.com

