Replace existing water pumps to meet future potable water demand and improve water age and fire flow availability. Add standby generators to each station.
Replace existing cast iron water mains (highlighted in magenta) with 8-inch diameter D.I.P. water mains.

Approximate length: 3,075 ft.
Replace existing PVC and asbestos cement water mains (highlighted in magenta) with D.I.P. water mains ranging in size from 4" to 8".

Approximate length: 7,620 ft.
Replace existing asbestos cement water mains with 8" D.I.P. water main (highlighted in magenta)
Approximate length: 4,350 ft.
Conduct Sewer Evaluation Survey on 113,350 LF of gravity sewer and 524 Manholes
Construct Glenmore Water Tank, Pump Station and 16-inch diameter water main. Approximate length = 2,250 ft.

Proposed 600,000 gal. Water Tank and Pump Station

Glenmore Water Tank
Capital Improvement Project
Replace existing asbestos-cement (highlighted in magenta) with 4-inch through 8-inch diameter D.I.P. water mains.
Approximate length: 6,185 ft.
Provide 8-inch interconnect to existing PVC water main found to be compromised by migrating stream. Section of water main highlight in yellow to be abandoned. Approximate length: 800 ft.
Replace existing pump station with new, larger station, new pumps and SCADA control system.
Replace existing asbestos cement and galvanized steel water mains with D.I.P. water mains, ranging in size from 4" to 8" (highlighted in magenta).
Approximate length: 12,945 LF.
Abandon the Oak Forest Pump Station and force main.

Install 8" PVC and DIP sewer line (highlighted in magenta). Approximate length: 900 ft

Install 7 sewer manholes (highlighted in magenta).

Connect to Stonefield Sanitary Sewer
Replace existing cast iron water mains (highlighted in magenta) with 8" D.I.P.
Approximate length: 7,420 ft
Replace cross street transite water mains (highlighted in yellow) with 4" D.I.P.
Approximate length: 1,450 ft

Additional hydrants and valves will be installed.
Conduct Sewer System Evaluation Survey (SSES) of the Pantops Drainage Basin. Evaluate 82,720 linear feet of sanitary sewer mains and 512 manholes.
Upgrade existing pumps and piping. Upgrade existing generator.
Replace undersized cast iron and asbestos cement water mains (highlighted in magenta) with new 8-inch 6-inch and 4-inch D.I.P. and fire hydrants.

Approximate length: 2,325'
Replace undersized asbestos cement and cast iron water mains (highlighted in magenta) with 8-inch and 10-inch D.I.P. and fire hydrants.
Approximate length: 6,230’
Replace undersized galvanized and cast iron water mains (highlighted in magenta) with 4-inch 6-inch and 8-inch D.I.P. and fire hydrants.
Approximate length: 2,050'

Replace undersized asbestos cement water mains (highlighted in magenta) with 8-inch and 6-inch D.I.P. and fire hydrants.
Approximate length: 3,055'