Albemarle County Service Authority
Capital Improvement Projects by District

Project Status
- In Progress
- Planned for 2016

Magisterial Districts
- Jack Jouett
- Rio
- Rivanna
- Samuel Miller
- Scottsville
- White Hall

SCADA* - Supervisory Control And Data Acquisition
SSES** - Sanitary Sewer Evaluation Study

ACSA Facility Projects:
- Fueling Station / Vehicle Wash
- Security Upgrades / Warehouse
- Operations Center Expansion Study

Countywide Projects:
- Miscellaneous Sewer Rehab
- SCADA* System

DISCLAIMER:
Utilities, structures, lot lines, and all appurtenances indicated on this map are intended for general layout and reference location only. This map is not intended for any other use than for preliminary planning and general reference. The information shown on this map are believed to be accurate, however, recent utility improvements and/or system changes may have occurred since the time of this printout. Contact ACSA directly for specific utility locations.
Replace undersized galvanized, PVC, cast iron and transite water mains (highlighted in magenta) with D.I.P. water mains ranging in size from 4' to 12'. Approximate Length = 22,800 ft.
Replace transite water mains (highlighted in magenta) with D.I.P. water mains ranging in size from 4" to 8".
Approximate Length = 7,950 ft.
Replace existing Cast Iron Water Main
New Alignment Approximate length: 3,100 ft.
Approximate length of main to be abandoned: 1,500 ft.

Existing Water Main To Be Abandoned

New Water Main Alignment From PVCC Through UVA Foundation Property (Shown in magenta)
Replace existing 6" cast iron water mains with 8" D.I.P. water mains and create additional connections to Four Seasons and Berkmar Crossing (highlighted in magenta) 
Approximate length: 11,640 LF.
Replace existing Asbestos Cement water mains with 8" D.I.P. water main (highlighted in magenta)
Approximate length: 4,350 ft.
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
Install 12" and 8" D.I.P. water main connection (highlighted in magenta) between Ivy Road and the Flordon Subdivision. Approximate Length = 3,100 ft.

Recommendation from the West Leigh Redundancy Evaluation
Replace existing pumps, piping and control panels to increase pumping capacity and improve fire flows. Control panels will be SCADA ready.

Recommendation from the West Leigh Redundancy Evaluation
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.
Construct 12" D.I.P. water main connection between Key West and Dunlora (highlighted in magenta), Approximate length: 4,056 LF.
Construct 8-inch Diameter Sewer Mains (highlighted in magenta) to serve remaining residents of Oak Hill Subdivision.

Approx. Length = 2,325 ft.
Abandon the Oak Forest Pump Station and force main.

Install 8" PVC and DIP sewer line (highlighted in magenta). Approximate length: 975 ft

Install 8 sewer manholes (highlighted in magenta).

Connection to Stonefield Sanitary Sewer (exact location unknown at this time)
Complete the design and installation of the identified pump improvements.
Conduct an evaluation on the existing Airport Sewer Collector for options to increase the capacity (highlighted in magenta).

Approximate Length: 7,740 LF
Replace 4" transite water mains with 6" & 8" D.I.P. (highlighted in magenta). Approximate length: 5,325 LF. Install additional fire hydrants.