Albemarle County Service Authority
Capital Improvement Projects by District

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 been updated in our mapping since the time of this printout. Contact ACSA directly for specific utility locations.

Albemarle County Service Authority
ACSA - JAWR - 4/3/2019

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

SCADA* - Supervisory Control And Data Acquisition
SSES** - Sanitary Sewer Evaluation Study
AMI*** - Advanced Metering Infrastructure

Project Status
- In Progress
- Planned for 2020

Countywide Projects:
- Miscellaneous Sewer Rehab
- SCADA* System
- AMI*** Implementation
- Vulnerability Assessment Improvements
- Sewer Pump Stations Comminuters
- Energy Audit
- Exclusion Meters Replacement
- Pipe Saddles Replacement

ACSA Facility Projects:
- Operations Center Expansion Phase 1
- Enterprise Resource Planning Transition
DISCLAIMER

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Avon Street Maintenance Yard
Capital Improvement Project
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 and PVC water main with 8", 6", and 4" D.I.P. water main (highlighted in magenta)
Approximate length: 11,500 ft.
Replace existing Asbestos Cement water main with 8", 6", and 4" D.I.P. water main (highlighted in magenta)
Approximate length: 9,030 ft.
Recoat inside and outside of Ednam Forest Water Storage Tank
Replace existing cast iron and PVC water mains (highlighted in magenta) with 4-inch through 12-inch diameter D.I.P. water mains. New water interconnections shown in Yellow. Approximate length: 13,660 ft.
Conducted Sewer Evaluation Survey on 64,200 LF of gravity sewer and 356 Manholes
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Legend
- Ownership
  - Private Ownership
  - Albemarle County Service Authority

Enabled: True
Replace existing asbestos-cement (highlighted in magenta) with 4-inch through 8-inch diameter D.I.P. water mains.

Approximate length: 6,185 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: 13,705 LF.
Replace asbestos cement water mains (highlighted in magenta) Approximate length: 21,350 ft.
Recoat inside of Northfield Water Storage Tank
Abandon the Oak Forest Pump Station and force main.

Connect to Stonefield Sanitary Sewer

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

Install 7 sewer manholes (highlighted in magenta).
Replace existing 10" Cast Iron water main with 8" DIP
-Directional Drill required under Morey Creek
-Possible PRV for connection to Buckingham Circle

Approximate length: 1,500 ft.
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 asbestos cement water mains (highlighted in magenta) with 8-inch and 6-inch D.I.P. and fire hydrants.

Approximate length: 3,055'
Install comminuters in the wet well for the Glenmore, and Crozet Sewer Pump Stations. Install in-line vault and comminuter for Georgetown Green Pump Station.

Sewer Pump Stations Comminuters
Capital Improvement Project