Albemarle County Service Authority
Capital Improvement Projects by District

Legend
ACSA_CIP_Y2012
Status
- In Progress
- Planned for 2012
ACSA Jurisdictional Area
Magisterial Districts
DISTRICT
- JACK JOUETT
- RIO
- RIVANNA
- SAMUEL MILLER
- SCOTTSVILLE
- WHITE HALL

Definition of Terms:
SCADA* - Acronym for Supervisory Control Automation and Data Acquisition
SSES** - Sanitary Sewer Evaluation Study

DISCLAIMER
Utilities, structures, lot lines, and all appurtenances indicated on this map are intended for general layout and reference location only. This printout 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.

Parcel and Boundary Information Property of County of Albemarle

May 25, 2011
The projects proposed in this Capital Improvement Program reflect the intent of the Albemarle County Service Authority at the date of adoption. Any number of factors could change the viability of any proposed project and projects not listed in the program may be undertaken.
Install 35 ft. of 6" DIP water main (highlighted in magenta) for future Jackson Street Water Replacement
Upgrade 17 water services within Town Project Limits

$40,000
Key West Water Main Replacement
Capital Improvement Project

Replace undersized galvanized, PVC and Transite water lines (highlighted in magenta). Approximate Length = 21,500 ft.

$335,000
Install 8" dia. D.I.P. (highlighted in magenta) to abandon approx. 350 ft. of water main under the building. Approximate length: 500 ft.

$126,500
Replace existing Transite and Cast Iron water mains with 6" D.I.P. water mains along St. George Avenue, Buck Road and Crozet Avenue. Replace existing 2" Galvanized Pipe on St. George Street with 6" D.I.P. Approx. Length 9,620 ft.

$540,000

St. George Avenue - Buck Road Water Main Replacement
Capital Improvement Project
Ashcroft Water Improvements
Capital Improvement Project

$162,000

Replace existing Pump Station 2 tanks with 10,000 gallon tank

Lower PRV Station
Replace 4" PRV with 6" PRV.
Install two 2" PRVs in parallel with 6" PRV

Pump Station 3
Replace 4" PRV with 6" PRV.
Install a 2" PRV in parallel with 6" PRV

Upper Tank
Ashcroft Pump Station 1 Replacement
Capital Improvement Project

$25,000

RWSA 5 Million Gallon Water Tank

Replace Pump Station 1 (light blue) with larger station (green). Re-route 6" D.I.P. water main (highlighted in magenta))

Install 8" D.I.P. water main for future connection to Proposed Hyland Ridge Off-site Water Main (blue dashed line)
Install 12 new fire hydrants (highlighted in yellow)

Replace 2” galvanized water main with 4” D.I.P. (highlighted in light blue). Approximate length: 150 LF.

Replace 4” transite water mains with 8” D.I.P. (highlighted in magenta). Approximate length: 2,100 LF.

Replace 4” transite and 2” galvanized water mains with 6” D.I.P. (highlighted in amber). Approximate length: 5,100 LF.

$560,000
Connect RWSA 12" water main with 8" water main on Carter Street (highlighted in green)
Approximate length: 80 ft

Replace existing 6" transite water main with 8" D.I.P. water main (highlighted in magenta)
Approximate length: 3,750 ft

$19,700
Replace existing Cast Iron water main with 8" D.I.P. water main (highlighted in magenta)
Approximate length: 1,550 ft.

$390,000
$392,800

Hardware Street Water Main Extension
Capital Improvement Project
Install 8" dia. PVC sewer main (highlighted in magenta)
Approximate length: 225 ft.

Replace existing 8" dia. clay sewer main (highlighted in magenta)
Approximate length: 477 ft.

Remove existing brick manhole.

$115,000

Scottsville Phase 2 Sewer
Capital Improvement Project
Add 8” D.I.P. water line to connect Western Ridge and Foxchase subdivisions (highlighted in magenta). Approximate length = 2,450 ft.

$54,700
Replace 4” transite water main (highlighted in magenta) with 8” D.I.P. Approximate length: 4,400 ft.

Buckingham Circle Water Main Replacement
Capital Improvement Project

$530,000
Replace existing sewer main (highlighted in magenta)
Approximate length: 40 ft.
Construct 2 concrete pipe supports

$87,000

Brookway Drive Aerial Sewer Crossing Replacement Project
Capital Improvement Project
Construct 8" dia. sanitary sewer lines (highlighted in magenta) to serve the Oak Hill Subdivision.
Phase 1 Approximate length: 4,500'

$185,000

Oak Hill Sewer Phase 1
Capital Improvement Project
$141,000

Perform Rehabilitation on 117 Manholes
Work with Customers on 75 Private Issues
Conduct Sewer System Evaluation Survey (SSES) of the Biscuit Run Drainage Basin. Evaluate approx. 103,000 ft. of sanitary sewer mains and 568 manholes.
North Fork Regional Pump Station
Capital Improvement Project

$5,558,800
Perform 3 External Point Repairs (highlighted in blue) and Replace 650 linear feet of sanitary sewer main (highlighted in red).
Replace 450 linear feet of sanitary sewer main (highlighted in red)
Perform 4 External Point Repairs (highlighted in blue) and Replace 2,150 linear feet of sanitary sewer main (highlighted in red).
Hollymead Water Main Replacement
Capital Improvement Project

$160,000

Replace 2" P.V.C. water main (highlighted in magenta) with 6" D.I.P.
Approximate length: 1,405 ft.

Replace 2" P.V.C. water main (highlighted in yellow) with 4" D.I.P.
Approximate length: 3,890 ft.
$60,000