

CDBG-I 09-D-2945, 11-I-3151, 13-I-3150 Contract Final Report
Jackson County
Blue Ridge School Water/Wastewater Project

The Blue Ridge School Water/Wastewater project made improvements to the school's water and wastewater systems. The water portion of the project consisted of modernizing the water system by replacing a 43-year-old 10,000-gallon elevated tank with a 5,000-gallon ground level storage and booster pump. The sewer portion of the project consisted of modernizing the school's 40-year-old sanitary sewer system and terra cotta lines by replacing the existing 10,000 gallon a day system with a new 10,000 gallon per day system and replacing the terra-cotta lines with new PVC sewer lines.

This scope was refined when the County was awarded additional funding in separate grant years and split the cost of the project between those additional grants. The following is a break down, by grant, of the project items that were addressed with each grant-funding source.

09-D-2945 are as follows:

Wastewater related expenses included:

- Package sewer plant, grading, electrical, primary trash tank, manhole covers, 2" and 4" sewer lines, stone and fabric drain, all valves, fittings, etc., seeding and erosion control measures.

Water related expenses include:

- Mobilization, erosion control, site grading and access road, building, 3,000 gallon tanks and blatter tanks, slab and footings, piping and pumps, electrical.

11-I-3151 are as follows:

Water related expenses include

- Demolition of the Elevated Tank, final gravel drive and walkway surfaces and concrete stoops.

13-I-3150 are as follows:

Wastewater related expenses include

- Demolition of sewer plant, plant fencing, grease trap, generator and slab, finished gravel surfaces, portable building.

Water related expenses include:

- Water system generator and slab, tie-ins fittings, valves, etc., fencing for the water system.

The scope was amended with three approved change orders. The following is a summary of those changes.

Change Order 1 CDBG- I 09-D-2945- During the excavation process an unknown 18" diameter corrugated storm drain pipe was uncovered in the area of the wastewater treatment plant. The change order replaced and re-routed the storm drainage system added \$35,000 to the contract price. The cost

included the required three drainage boxes with grates/manhole covers, new drainage pipe, and installation costs necessary to re-route the storm drain.

Change Order 2 CDBG-I 13-I-3150- This change order replaces the interior waste plumbing from all of the sinks and automatic dishwasher in the school's kitchen to the new grease trap exterior plumbing. Then change order added \$7,273.25 to the contract price. The cost included the plumbing materials and work, as well as removing and repairing the exterior sidewalk.

Change Order 3 CDBG-I 09-D-2945- This change order adjusted the allowance quantities with unit pricing in the contract. This change order resulted in a deduction in the contract due to the price of the excavation and needed stone and soil backfill materials being less than expected for both the water and wastewater systems. The total deduction in the contract between the two systems was \$6,534.60.

The final contract amount, after all three change orders is \$1, 315,738.65.

The Blue Ridge School water/wastewater project objective was to replace the existing aged water and wastewater system at the school with new systems. This was accomplished with the construction of the new water/wastewater systems and the demolition of the old systems.