

17. Springfield ~ SSCF: Copper Waterline Replacement ..... \$2,000,000

The copper piping in buildings at the Southern State Correctional Facility (SSCF) has been experiencing random pinhole leaks for the past few years. Due to the ever increasing number of repairs required, BGS hired an engineering firm to perform forensic investigation of the probable causes. The findings indicated that erosion corrosion is the basis for the copper piping leaks. Erosion corrosion is the result of undersized copper piping systems, high flow rates, and the specific composition of the municipal water source. The erosion corrosion is wearing away the interior of the copper piping and causing the leaks. Funding is requested to replace the existing copper piping systems in the various housing units and core building with appropriately sized non-corrosive water piping systems. The work will be done in phases to minimize the impact of finding alternate housing for inmates who must be displaced during the construction project.

Summary Cost Allocation:	Approved Through FY '14	Current Year FY '15	Budget Year FY '16	Budget Year FY '17	Future Requirements			Totals
					FY '18	FY '19	FY '20- FY '26	
Planning & Design, Outside Consultants	50	50	50	50				200
Site Acquisition								
Construction	350	250	850	1,050				2,500
Fit-Up								
Total Appropriation for Fiscal Year(s)	400	300	900	1,100				2,700