

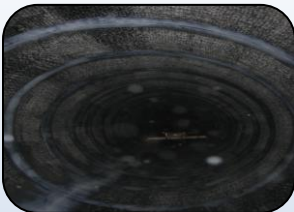
Project Brief

The City of Phoenix

Pipe Strengthening



Phoenix, AZ
2007



The City of Phoenix has used Fibrwrap® for the full structural rehabilitation of large diameter, 60-inch through 96-inch Prestressed Concrete Cylinder Pipe (PCCP) during annual outages since 2004. Fibrwrap Construction has supplied engineering, materials, and manpower to renew more than forty sections of PCCP, ranging in segment sizes of 20 ft. to 24 ft. Average pressures in the transmission lines were 125 psi.

In 2007, Fibrwrap Construction was contracted to perform an unscheduled repair of 22 sections of 60-inch PCCP over the Christmas holiday. Due to the high demand of the water mains and the short time frame permitted to complete the work, scheduling demands were very tight. In several instances, crews were required to perform the operations at a distance from the access point further than they had ever attempted before. On all occasions, the projects were completed on time, or ahead of schedule.

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