



## JOB REPORT



## ARIZONA ACP WATERLINE REHAB

### CLIENT:

City of Scottsdale

### YEAR OF CONSTRUCTION/REHABILITATION:

1974/2025

### TYPE OF CONSTRUCTION MEASURE:

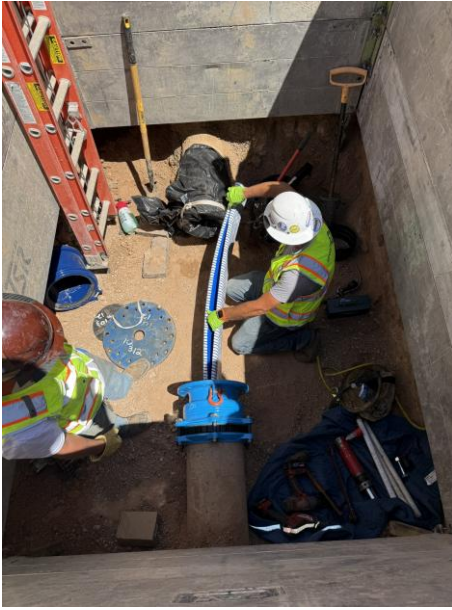
Rehabilitation

### CONTRACTOR SERVICES:

- Clean and CCTV prior to installation of liner
- Installing Primus Liner and fittings

### SITUATION:

A 10-inch asbestos pipe was having joint failure issues due to age and soil subsidence. AC pipe is a known source of carcinogenic material and requires special handling to ensure the safety of the workers and the public. The Primus Line® system method of installation is regarded as safe rehabilitation and does not require any EPA regulations during the rehabilitation. The Primus Line® system holds hygienic certification throughout the world for North America, is NSF 61 approved, and multiple municipalities have reviewed and approved Primus Line® as a safe system for drinking water.



### TECHNICAL DETAILS:

Material of Host Pipe:	Asbestos cement pipe
Transported Fluid:	Potable water
Diameter of Host Pipe:	10-inch
Operating Pressure:	80 psi
Primus Line® System:	Medium pressure
Total Length:	880 feet
Number of Sections:	1 pull, 2 access pits
Installation Time:	1 week, 1 day for liner and fittings installation

### REHABILITATION SYSTEM:

Primus Line® medium pressure

### PROJECT DESCRIPTION:

Due to the easement where the existing water distribution was located, and multiple failures in the last few years, the City of Scottsdale turned to Primus Line to renew this pipeline which supplies water to local businesses and residents. If the City had to excavate, there would have been encroachment to a large warehouse foundation, removal and replacement of decorative landscaping, and removal of large trees and park features. Instead of completing months of permitting, property acquisition, and design planning, followed by at least one month of construction to remove and replace the line, the City opted to rehabilitate this pipeline in one week of construction with no disruption to the residents or businesses in the area. Traffic control was minimal and did not require any shutdown to arterial or neighborhood traffic patterns. The result was that the city now has a pipe with a 50-year designed life. Primus Line® is the safe, reliable and proven choice of professionals across the US.

