

WATER*i*D

WATER *infrastructure* DATABASE

Case Study Category: COSTDW

Case Study Title: Cost Case Study (Elmendorf AFB, AK; CIPP, water): Replace Water line FOCO Housing

Utility Name: Elmendorf AFB, AK

Case Study Abstract: Structural rehabilitation of 2300 ft of 6 inch transite and 1160 ft of 6 inch cast iron (total of 3460 feet) water mains. Required excavate of 16 access pits, replacement of seven 6 inch valves, replacement of 8 fire hydrants, and reinstate of 34 service connections. Temporary by-pass, utilizing 3 inch fused HDPE pipe, was required 24 hours a day / 7 days a week.

Case Study Link: <http://waterid.org/content/cost-case-study-elmendorf-afb-ak-cipp-water-replace-water-line-foco-housing>