## **CHALLENGE**

Underground cables were failing faster than the utility could replace them

#### **SOLUTION**

Cable Rejuvenation Services

Save Time and Money with Cable Rejuvenation A large electric utility was facing a significant rate of underground cable failures. These failures were occurring at such a rate, the utility was unable to replace these cables quickly enough to ensure uninterrupted service. Also, this utility was faced with the reality that it did not have enough manpower to address the increasing rate of failures and cable replacement was prohibitive for their capital budget.

The utility reached out to Southwire for help. The solution? Southwire's Cable Rejuvenation Services! Our unique injection process allowed for no trenching, minimal disruption to neighborhood activities, and reduced costs.

We didn't stop at cable rejuvenation alone. After a full assessment, it was determined that, in order for the utility to have a reliable and resilient electrical grid, more was needed. In addition to cable rejuvenation, we were able to provide this utility with additional services including fault repair, storm outage repair, transformer changeouts, and, for the cable we were unable to rejuvenate, cable replacement via directional boring.

### **CABLE REPLACEMENT**



**Electrical Service Disruption** 



**Environmental Disruption** 



**Time Consuming** 



Large Amount of Manpower



Costly

#### **CABLE REJUVENATION**



Limited to No Disruption to Electrical Service



No Trenching



More Environmentally Friendly



3-6 times Faster than Cable Replacement



1/3 or Less the Cost of Cable Replacement



Fewer Utility Resources Utilized

# **BENEFITS OF CABLE REJUVENATION** O



**COST-EFFECTIVE** 



TIME EFFICIENT



**END-USER FRIENDLY** 



**FEWER FAULTS** 



SUSTAINABLE