

# CPSI Project Showcase - Water Transmission Main

Problem: Future Corrosion of a Critical Large Water Transmission Main



Issues Relating to the Customer's Corrosion Problem:

- ◆ Water transmission main provides potable water to several hundred thousand customers
- ◆ Coating defects/external damage could compromise the pipe's coating integrity
- ◆ Water utility could not afford a future corrosion failure on such a critical asset

Solution: Install Sacrificial Anodes during Installation of the Water Main



Benefits of the Solution to the Customer's Corrosion Problem:

- ◆ Sacrificial anodes are installed along the length of the buried water transmission main
- ◆ Corrosion is being mitigated through the application of cathodic protection
- ◆ Water utility can maintain its critical water supply asset knowing that corrosion is mitigated



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