



# Valley Water

Clean Water • Healthy Environment • Flood Protection

Valley Water PPT Template  
Version Release v.2.02

# **Almaden Valley Pipeline Emergency Response Project**

**Notice of Completion of Construction Contract  
Project No. 95084002, Contract No. C0657**

# Presentation Topics

- Project Objective and Location
- Project Construction Costs
- Construction Photos

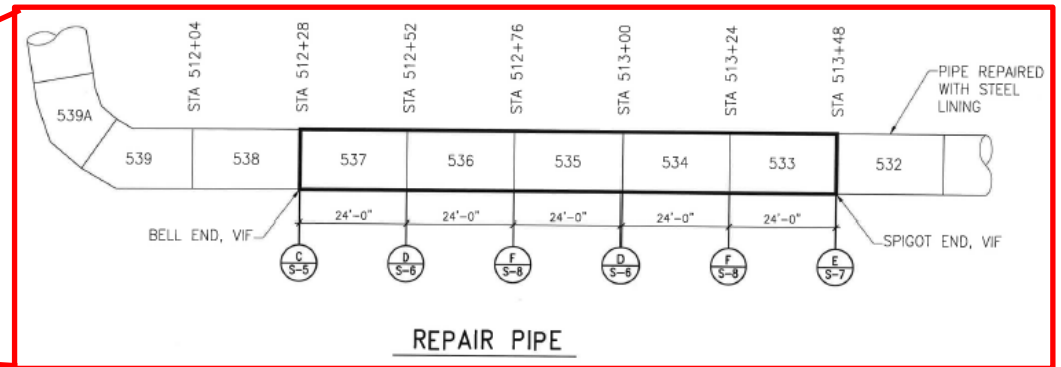
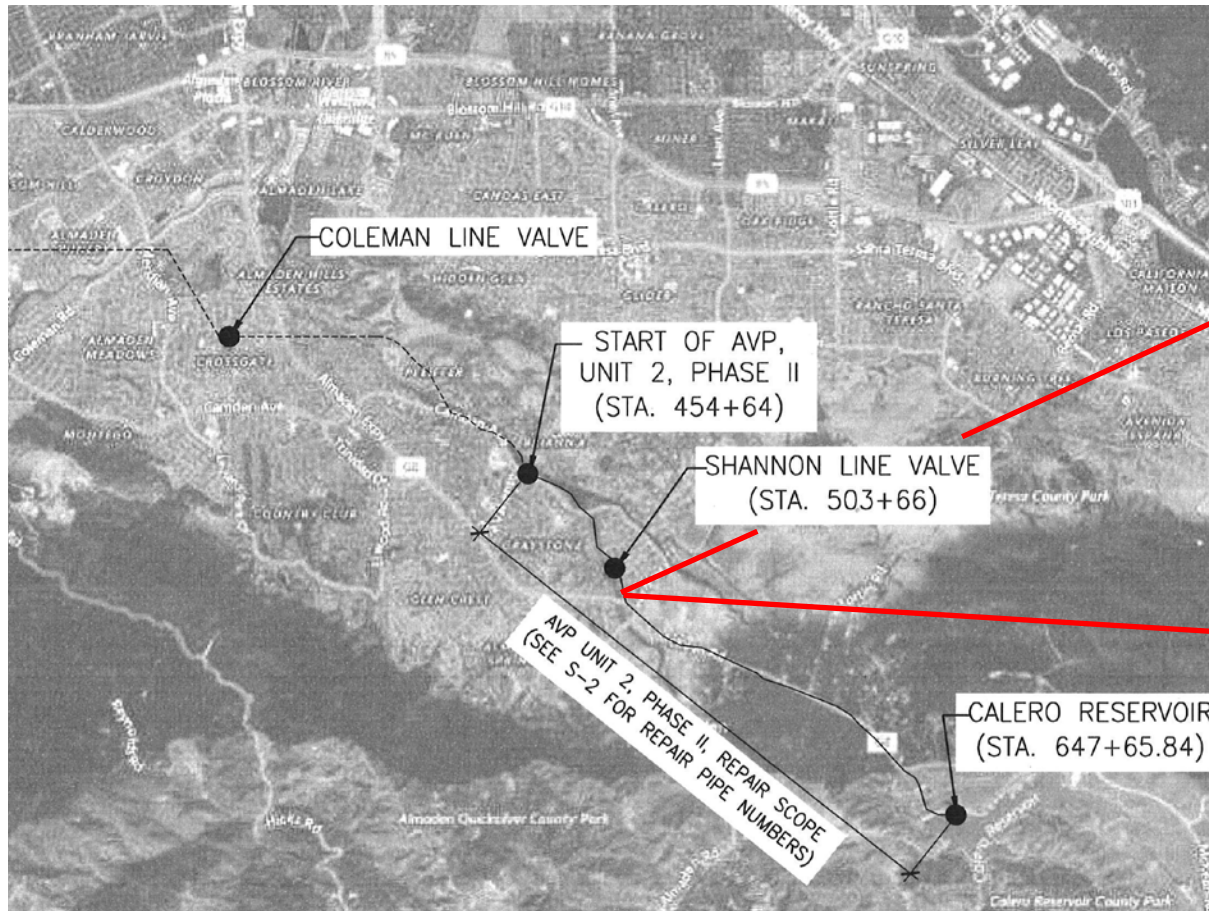
# Project Objective

- The objective of the Almaden Valley Pipeline Emergency Response Project is to repair five(5) distressed sections of Prestressed Concrete Cylinder Pipe (PCCP) that were discovered on Almaden Valley Pipeline.
- Distressed PCCP sections were repaired by applying multiple layers of reinforced carbon fiber to the inside surface of the pipe.

# Project Location

## Almaden Valley Pipeline – Santa Clara County

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# Project Costs

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- Construction:
  - \$1,866,210.00 – Contract Award Amount
  - <\$520,247.20> – Contract Change Orders
  - \$1,345,962.60 – Final Contract Amount  
(27.9% decrease)

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# Construction Photos

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Dehumidifier and heater for installation of carbon fiber.

# Construction Photos

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Installation of Carbon Fiber and  
Thickened Epoxy



# Construction Photos

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Hoop and Longitudinal Layer of  
Carbon Fiber

# Construction Photos

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Termination ring at  
joint of repaired pipe



Epoxy mortar covering  
termination ring



# Construction Photos

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Repaired Pipe Section



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