

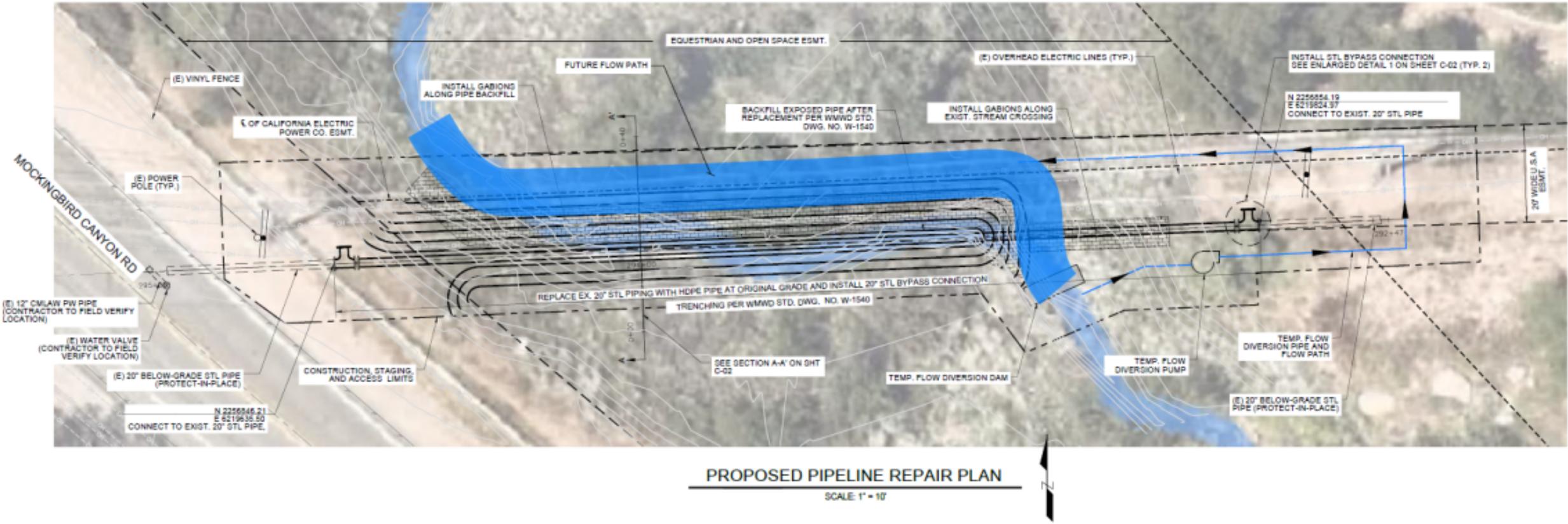


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## Mockingbird Canyon Pipeline Emergency Repair Project

Engineering, Operations, and Water Resources  
Committee Meeting, December 4, 2023

# PIPELINE REPLACEMENT PLAN



## EXISTING PIPELINE

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- Pipeline was undermined by Mockingbird Creek
  - Unsupported Length was 135 feet



# EXISTING AND BYPASS PIPELINES

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Bypass pipeline was erected so that existing pipeline could be removed



## BYPASS PIPELINE IN SERVICE

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- Old pipeline has been removed
- Recycled Water is delivered through bypass pipeline



## CREEK CROSSING

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The new pipeline will be placed with a dip so that creek can pass over pipeline



## CREEK CHANNEL

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The Creek channel is being constructed to allow the creek to flow along side the new pipeline rather than within the new pipe trench



## FITTINGS AND VALVES TO DIVERSION

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New valves and a tee was placed on the existing pipeline to allow the bypass to be put in service and allow flow the new pipeline to be easily diverted once it is completed



## HDPE PIPE FUSION MACHINE

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The new pipeline is being fused onsite to make a new continuous pipe to replace the old pipe



# NEW PIPE INSTALLED

The new pipeline is in place and online



# PROJECT SCHEDULE

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**Install gabions**

**November 27 – 30**

**Site Rehabilitation**

**December 4 – 8**

**Complete project**

**December 8**



## Questions

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