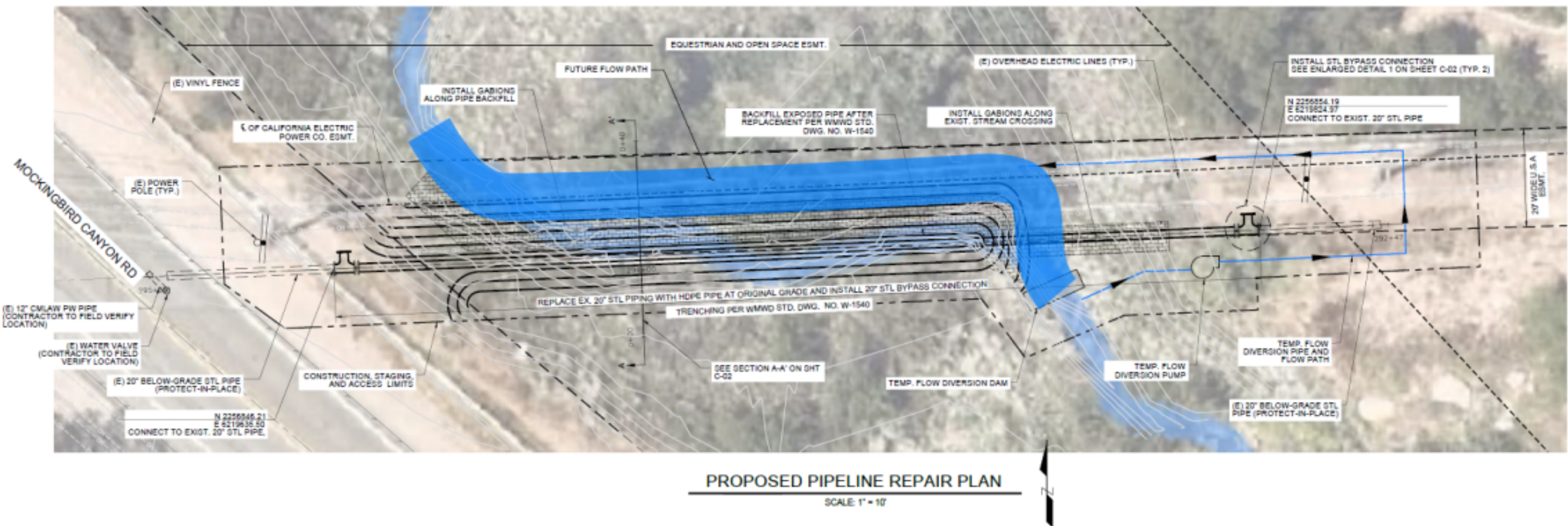




Mockingbird Canyon Pipeline Emergency Repair Project

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

PIPELINE REPLACEMENT PLAN



EXISTING PIPELINE

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



EXISTING AND BYPASS PIPELINES

Bypass pipeline was erected so that existing pipeline could be removed



BYPASS PIPELINE IN SERVICE

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



CREEK CROSSING

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



CREEK CHANNEL

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

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

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

Install gabions

November 27 – 30

Site Rehabilitation

December 4 – 8

Complete project

December 8



Questions
