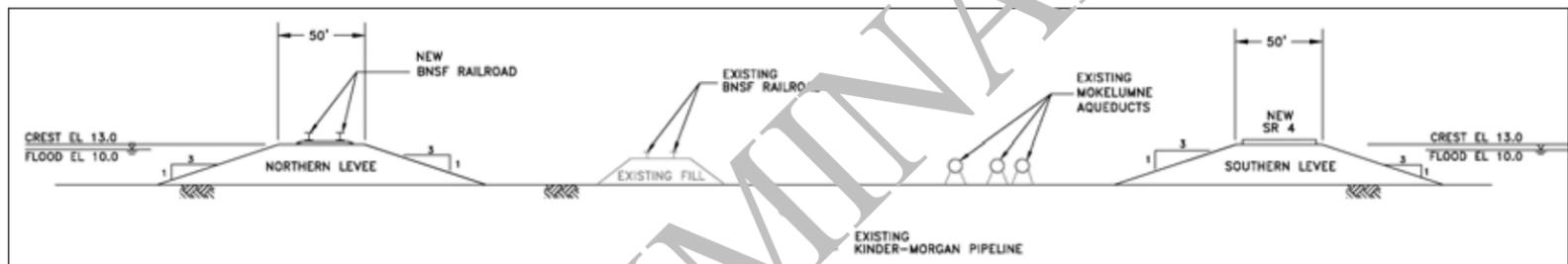
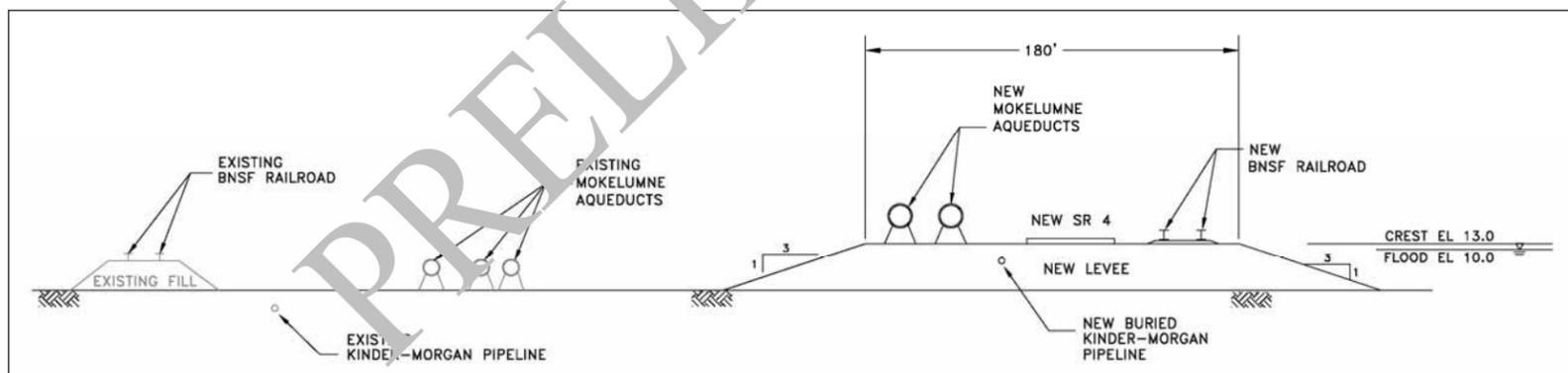


PLAN
(FOR OPTION 1; SIMILAR PLAN FOR OPTION 2)



TYPICAL SECTION – OPTION 1



TYPICAL SECTION – OPTION 2

OBJECTIVES

- Reduce the risk of potential loss of SR 4, BNSF railroad, Mokelumne Aqueduct, and Kinder-Morgan pipeline due to flooding and earthquake
- Provided for the uninterrupted operation of these transportation corridors for emergency response and freight transportation

BENEFITS

- Benefits = Avoided Economic Costs & Due to Loss of Infrastructure = \$18.1 billion (Direct)

Note: Project costs may be truncated (reduced) when joined with other building blocks in scenarios.

PROJECT INFORMATION

Project proposes an armored infrastructure corridor across central Delta. The length of the corridor is approximately 15 miles. The crest elevation of the new levee is 13.0 feet, with 3 feet of freeboard above the 100-year FEMA flood level. The peat layer is on average 10' thick along the corridor.

PROJECT COSTS

Option 1:

Construct a northern and southern levee across the central Delta. Relocate SR 4 onto the new southern levee and the BNSF railroad onto the new northern levee. Both levees will be seismically resistant.
Construction Cost = \$3.3 billion

Option 2:

Construct a larger levee that can carry the relocated SR 4, BNSF railroad, and Mokelumne Aqueduct. This levee will be seismically resistant.
Construction Cost = \$3.9 billion