

Figure 2-1. Project Alignments



Figure 2-2. Typical Intake Configuration



Figure 2-3. Schematic of Delta Conveyance Project Intake Facilities



Figure 2-4. Schematic of Permanent and Temporary Levees



Launch Shaft

Where the tunnel boring machine (TBM) is lowered into the tunnel. Where the concrete liners are transported into the tunnel. Where the excavated material (RTM) is removed.

Maintenance Shaft

Provides direct access to the TBM for routine maintenance work. Needed approximately every 4 to 6 miles.

Reception Shaft

Termination point of tunnel drive. Where TBM is disassembled and lifted out of the tunnel.

Figure 2-5. Key Components of a Tunnel Drive (6,000-cfs alternatives)



Figure 2-17. Bethany Reservoir Pumping Plant and Surge Basin



Figure 2-18. Bethany Reservoir Aqueduct Route with Tunnel Reaches