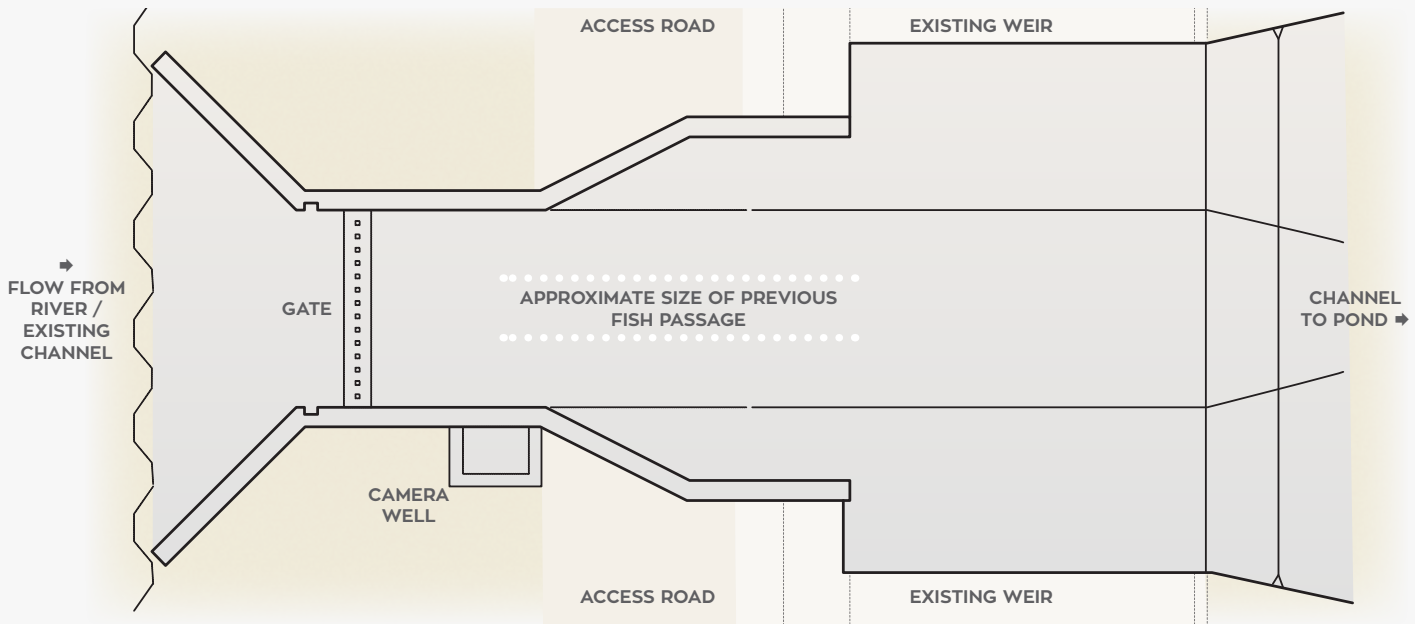


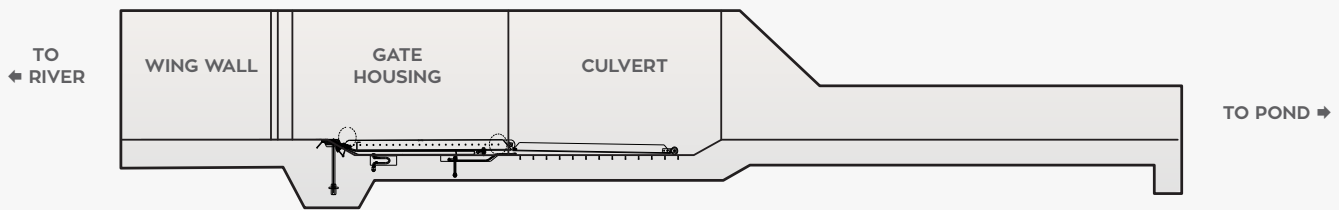


FREMONT WEIR ADULT FISH PASSAGE MODIFICATION PROJECT PRIMARY FEATURES

PLAN VIEW



SECTION VIEW



THE EXISTING FISH LADDER IS INEFFECTIVE

- ▶ The bottom elevation of the ladder is too high to maintain a deep enough connection for sturgeon and salmonids for a sufficient duration.
- ▶ The Denil-type fish ladder was designed to provide passage specifically for salmonids and is too narrow to pass sturgeon.
- ▶ It is narrow, making it difficult for all migratory fish to find during and following larger overtopping events.
- ▶ It is only opened after Fremont Weir stops overtopping, providing little time for fish to find the channel and Bypass.

PROJECT FEATURES INCLUDE:

- ▶ Modifying the existing Fremont Weir fish ladder to a wider and deeper fish passageway structure benefit salmonids and sturgeon
- ▶ Improving conditions in the channel from the Sacramento River to the new fish passageway and from the new fish passageway downstream to an existing deep pond
- ▶ Remove and replace agricultural road crossings to support improved fish passage through the Tule Canal and continue agricultural utility