



Comparing the Delta Conveyance Project to Previous Conveyance Proposals

	Peripheral Canal (1982)	California WaterFix (2017)	Delta Conveyance Project (2023)
Conveyance	43 miles of above-ground, open channel with approximately 1,000-foot right-of-way width	Two tunnels, 35 miles each	One tunnel, 45 miles
Operation Type	Fully isolated with no through-Delta operations	Dual conveyance, allowing for through-Delta operations. North Delta Diversion prioritized	Dual conveyance, allowing for through-Delta operations. South Delta Diversion prioritized
Capacity	23,000 cfs	9,000 cfs (Note: BDCP was 15,000 cfs)	6,000 cfs
Number of Intakes	1	3	2
Alignment	Along east side, avoiding central Delta	Through center of Delta	Along east side, avoiding central Delta
Fish Screens	1 (addressing salmon and striped bass only) 6,000 feet long	3 intakes, linear fish screens with cleaning apparatus visible above water line 2,000 feet long	2 intakes, t-shaped fish screens, with cleaning apparatus below surface 1,500 feet long
Potential Agricultural Land Impact	Approximately 6,600 acres	Approximately 3,550 acres	Approximately 2,400 acres
Construction Traffic on Highway 160	Yes	Yes	No
Forebays Needed	None, connect directly to Clifton Court forebay	Yes, 2	None, connect directly to the California Aqueduct
Number of Barge Landings	N/A	3 intakes and Victoria island	None
Tunnel Launch Shaft Sites	N/A	Located at intakes and sites away from intakes	Located away from intakes



GLOSSARY

Conveyance	Provides for the movement of water, either natural or manmade.
Diversion	The action of taking water out of a river system or changing the flow of water in a system for use in another location.
Dual Conveyance	Includes new points of diversion in the Delta and facilities to move water from those new points of diversion to the existing pumping facilities in the south Delta.
Cubic Feet per Second (CFS)	Measures a rate of flow. It is equal to a volume of water one foot high and one foot wide flowing a distance of one foot in one second.
Intakes	Any structure through which water can be drawn into a waterway. Any structure in a reservoir, dam, or river through which water can be discharged.
Fish Screens	Fish screens serve as barriers on the front face of water intake facilities to prevent fish and debris from being drawn into the intake. Fish screens help protect endangered fish species that may be harmed or stressed in the water delivery process.
Forebays	A human-made reservoir in front of a larger body of water.
Aqueduct	A system of pipes, ditches, canals, tunnels, or other structures used to convey water from its source to a distribution point.

