



Freeman Diversion Expansion

October 26, 2023



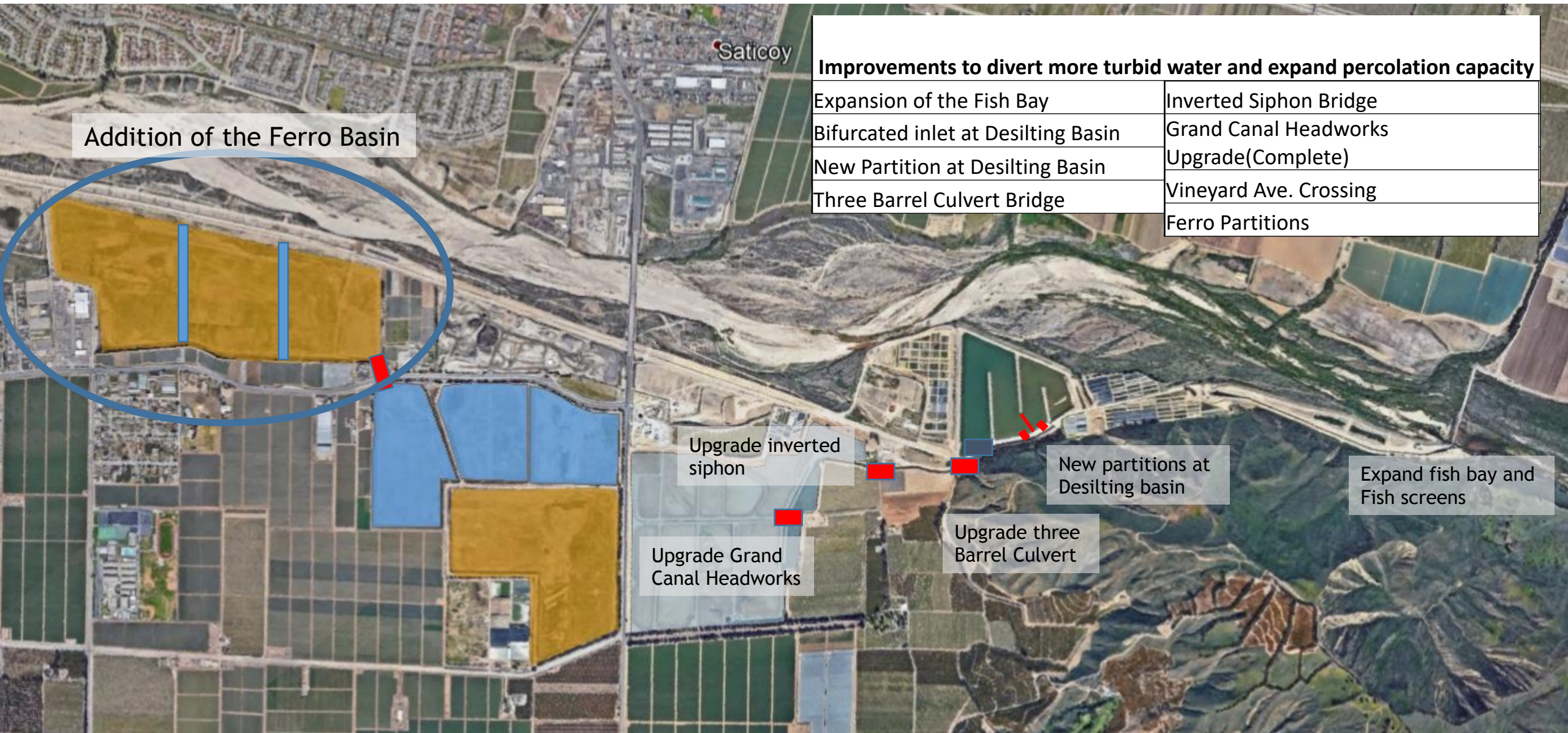








Phase 1 of the Freeman Expansion Project (Use existing water right)



Addition of the Ferro Basin

Improvements to divert more turbid water and expand percolation capacity

Expansion of the Fish Bay	Inverted Siphon Bridge
Bifurcated inlet at Desilting Basin	Grand Canal Headworks Upgrade(Complete)
New Partition at Desilting Basin	Vineyard Ave. Crossing
Three Barrel Culvert Bridge	Ferro Partitions

Upgrade inverted siphon

Upgrade Grand Canal Headworks

New partitions at Desilting basin

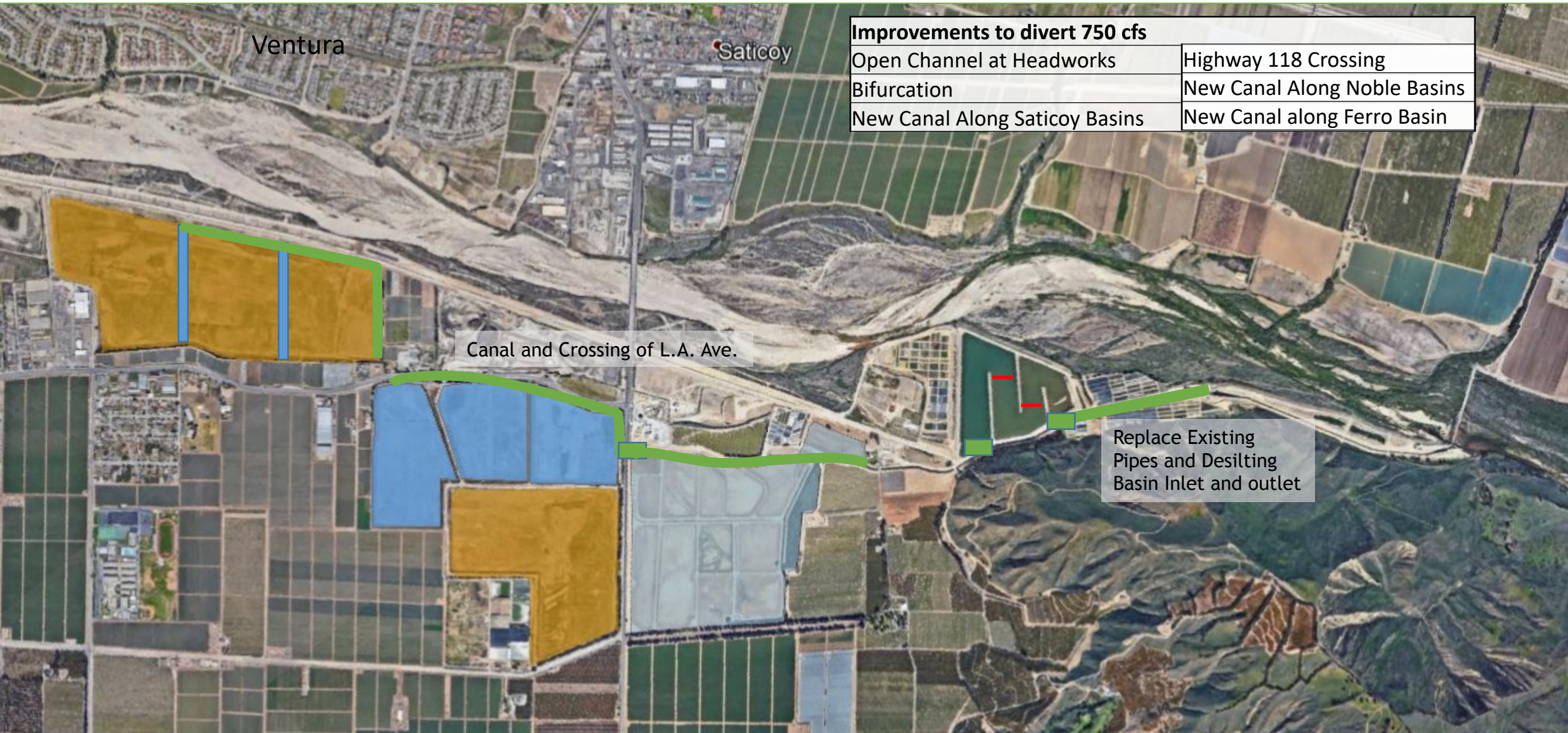
Upgrade three Barrel Culvert

Expand fish bay and Fish screens

Phase 1 of the Freeman Expansion Project - Grand Canal Project



Phase 2 of the Freeman Expansion Project (increase instantaneous flow to 750 cfs)



Ventura

Saticoy

Improvements to divert 750 cfs	
Open Channel at Headworks	Highway 118 Crossing
Bifurcation	New Canal Along Noble Basins
New Canal Along Saticoy Basins	New Canal along Ferro Basin

Canal and Crossing of L.A. Ave.

Replace Existing Pipes and Desilting Basin Inlet and outlet

Freeman Expansion Project

Project Cost and Schedule

- Estimated Combined Cost of \$60 million
- Phase 1 Estimated Completion 2028
- Phase 2 Estimated Completion 2036