

Pond Levee Maintenance Project (CIP 20707)

Napa Sanitation District
Board of Directors Meeting
December 2, 2020

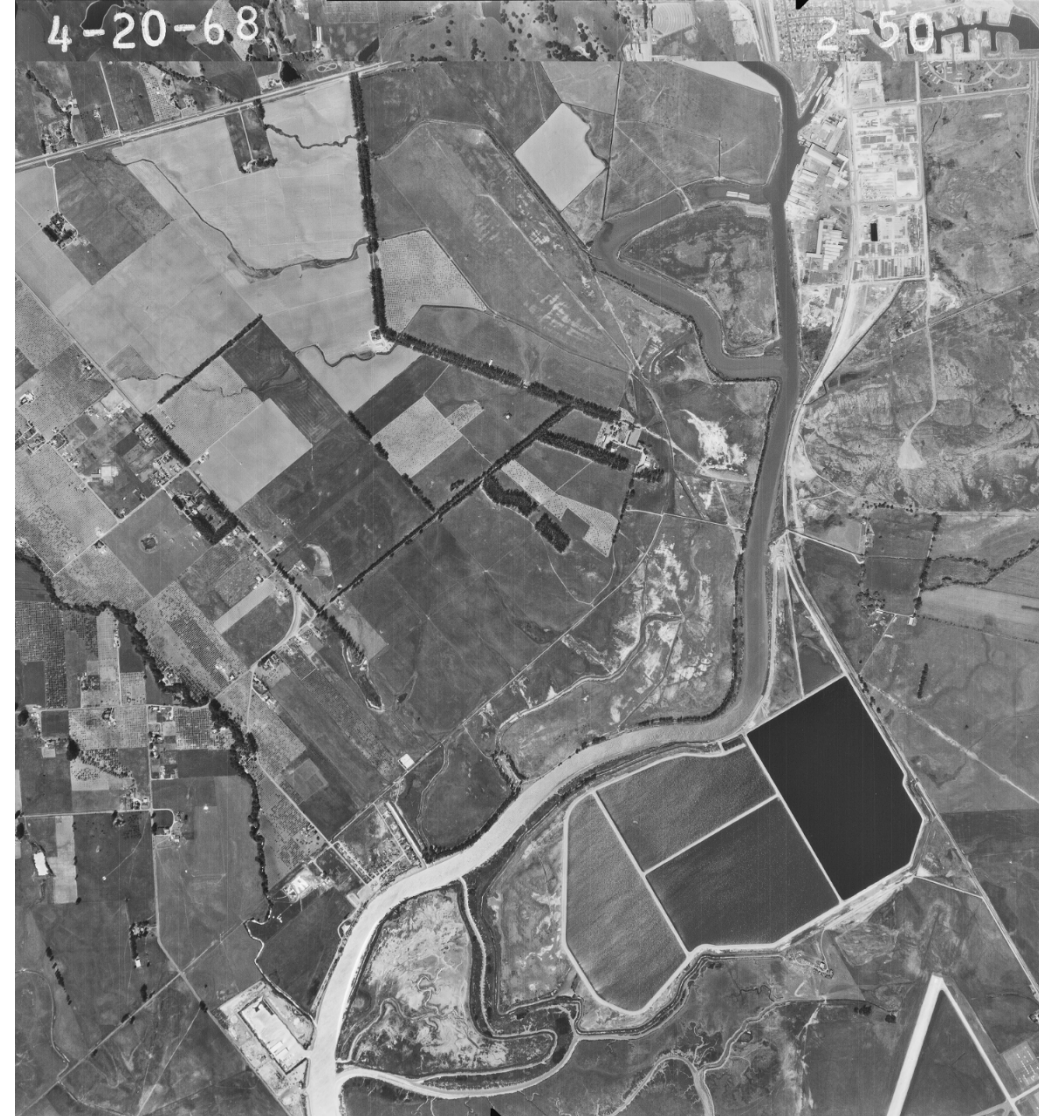
Project Scope

- Raise Pond Levees at Specific Locations
 - Remove two abandoned pipes
- Replace Pond Transfer Structures
 - Between Ponds 2 and 4
 - Between Ponds 3 and 4

1948 Aerial (Prior to Pond Construction)



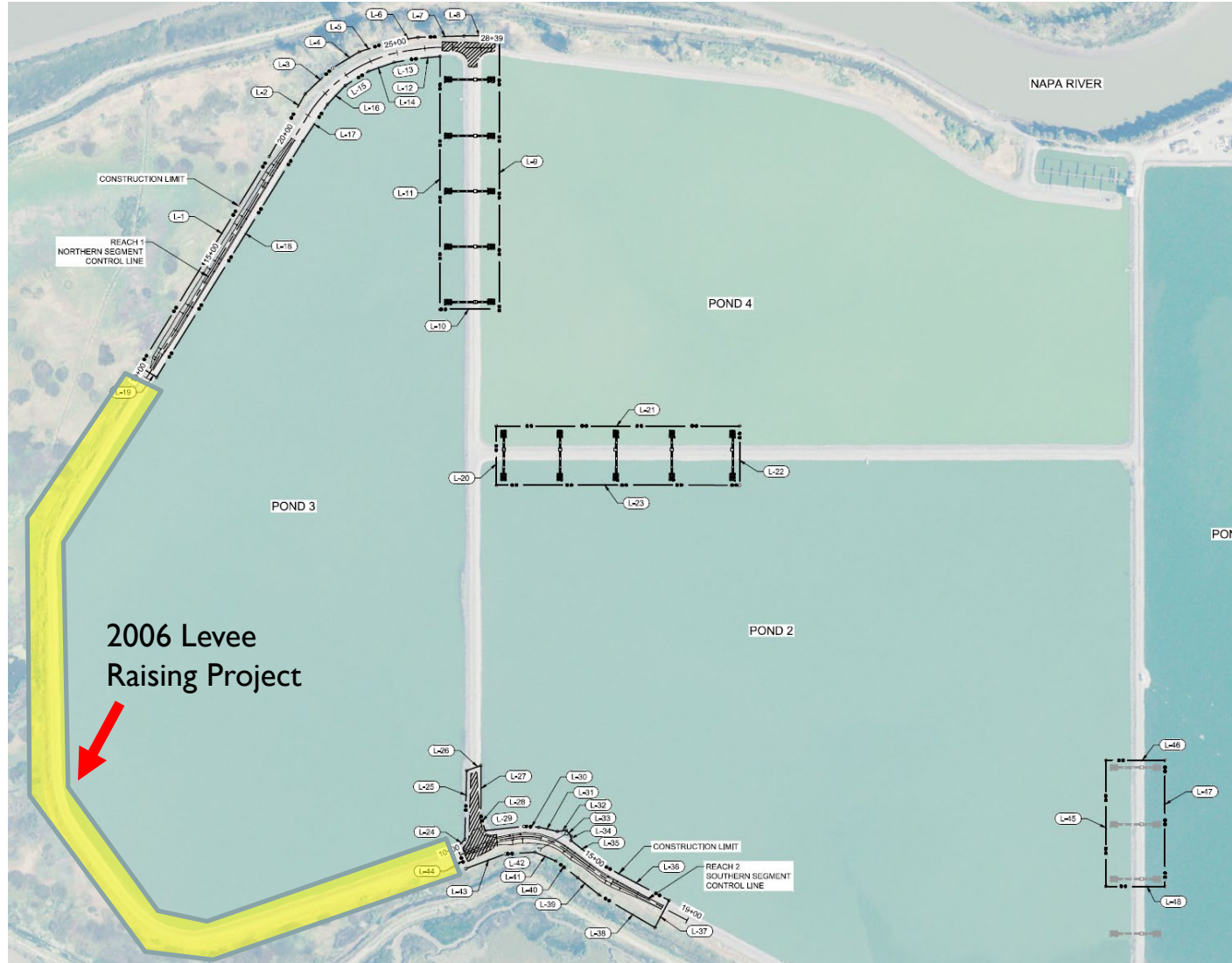
1968 Aerial



Pond History

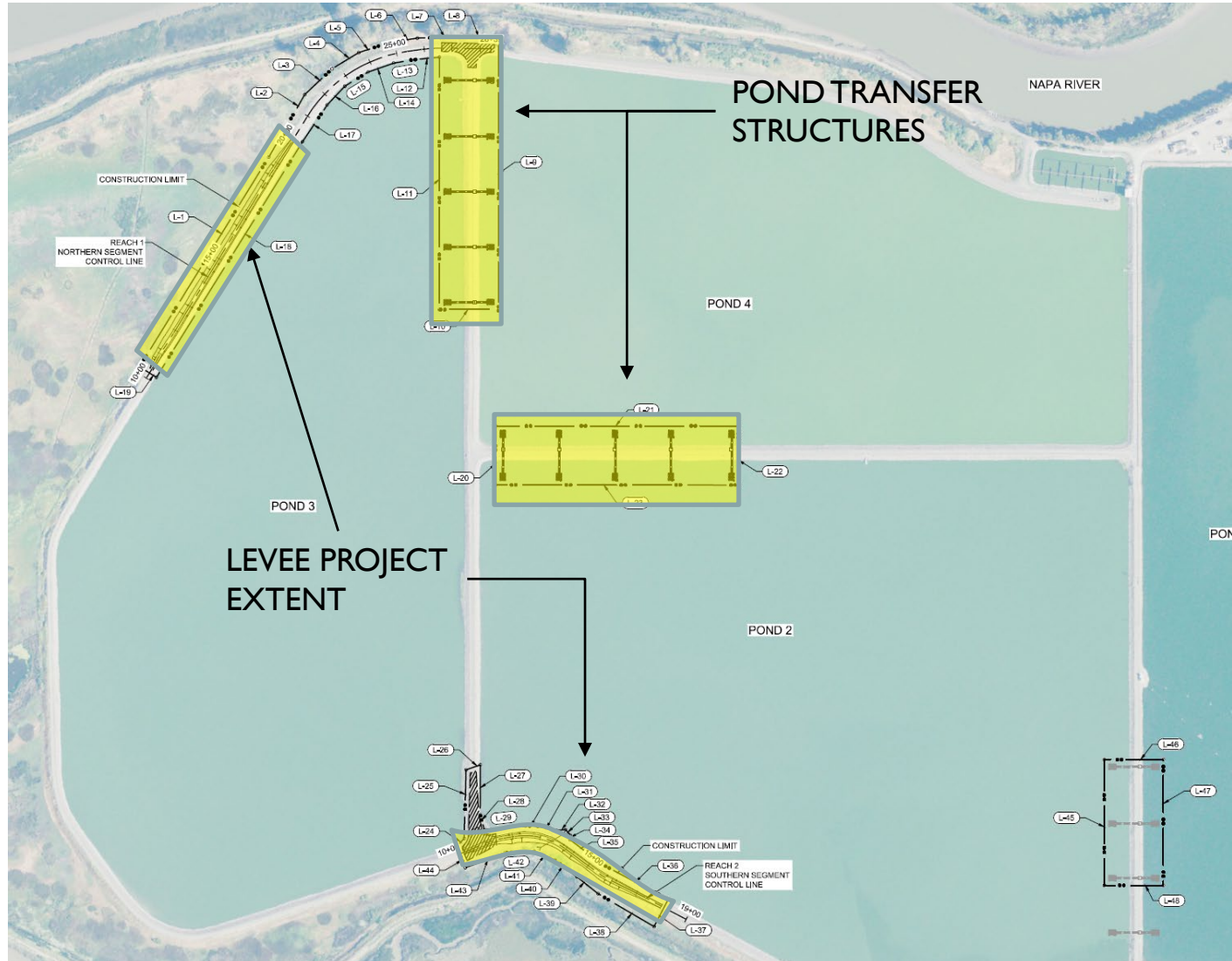
- The ponds were constructed in 1967
- The ponds were constructed on soil that is subject to settlement over time
- NapaSan performs surveys on a regular basis to monitor the rate of settlement
- Levee raising projects are performed on an as-needed basis (last one in 2006)

Prior Pond Maintenance Work





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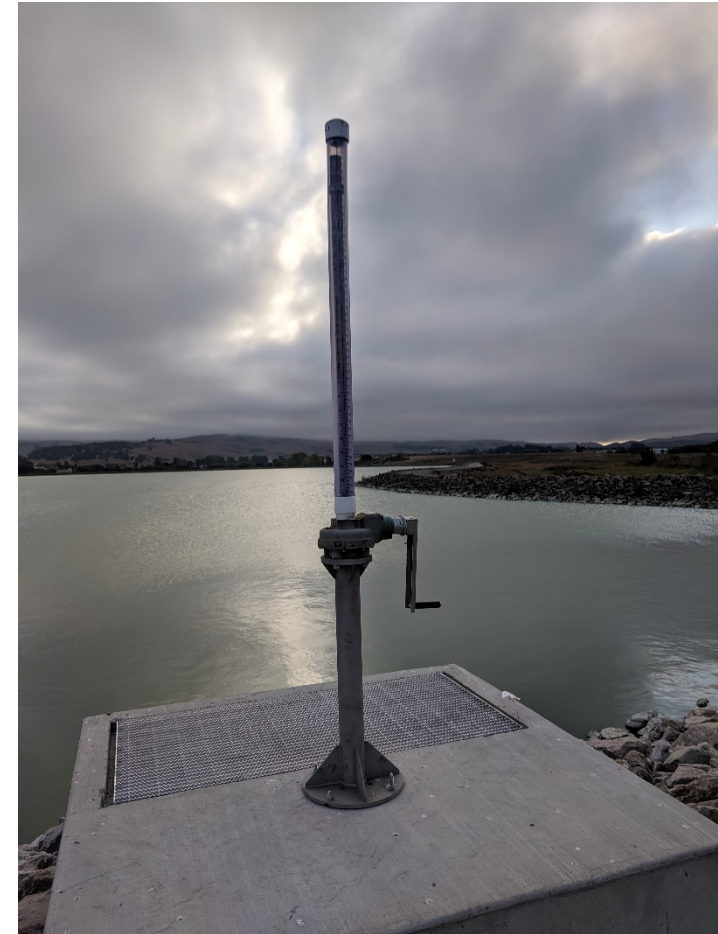
Old Pond Transfer Structures



New Pond Transfer Structures



Canal Gates



Weir Gate

Schedule

Date	Item
December 2020	Board Approval of Project
January 2021	Bid Opening
February 2021	Board Award of Construction Contract
November 2021	Completion of Project

Project Costs

Project Element	Cost
Design	\$ 290,000
Construction	\$1,200,000*
CM	\$ 130,000*
ESDC	\$ 60,000*
Total	\$1,680,000*

*Estimated Cost

Staff Recommendation

Approve the Project, concur with staff's CEQA Determination, and authorize the General Manager to issue Notice Inviting Bids for the Pond Levee Maintenance Project (CIP 20707).