



# Bolsa Redwood Tank Removal Project

Board Meeting

April 18, 2023



# Marin Water System Tanks

- 128 Tanks in System
  - 5 Redwood
  - 5 Concrete
  - 117 Steel
  - 1 plastic



# Redwood Tank History

- 32 redwood tanks removed in last 10 years
- 5 remaining redwood tanks
  - Bolsa Tank
  - Hind Tanks (2)
  - Madera Park Tank
  - Scenic Tank
- Known issues
  - High leak history
  - Seismically unreliable
  - Hard to repair
  - History of water quality issues



# Bolsa Tank Background

- 200,000-gallon Redwood tank
- 45 year old tank built in 1978
- Diameter 45-ft
- Height 18-ft
- Provides service to 118 customers

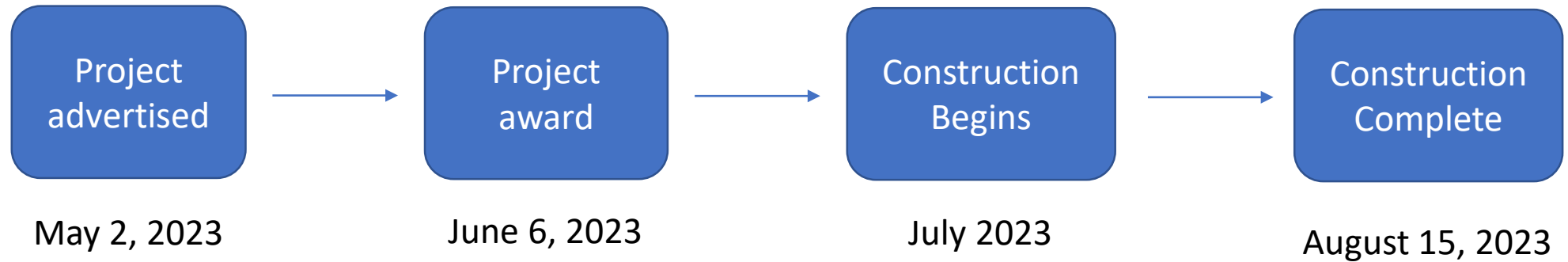


# Design

- System modeling showed tank could be removed
- Will result in new Elinor-Bolsa pressure zone



# Project Schedule



- Engineer's estimate \$137,000
- Bids open May 16, 2023

# Summary

- Combining pressure zones simplifies distribution system
- Removing tank reduces ongoing maintenance and costs associated with tanks
- Reduces system water loss
- Decommissioning Bolsa Redwood Tank leaves 4 redwood tanks remaining