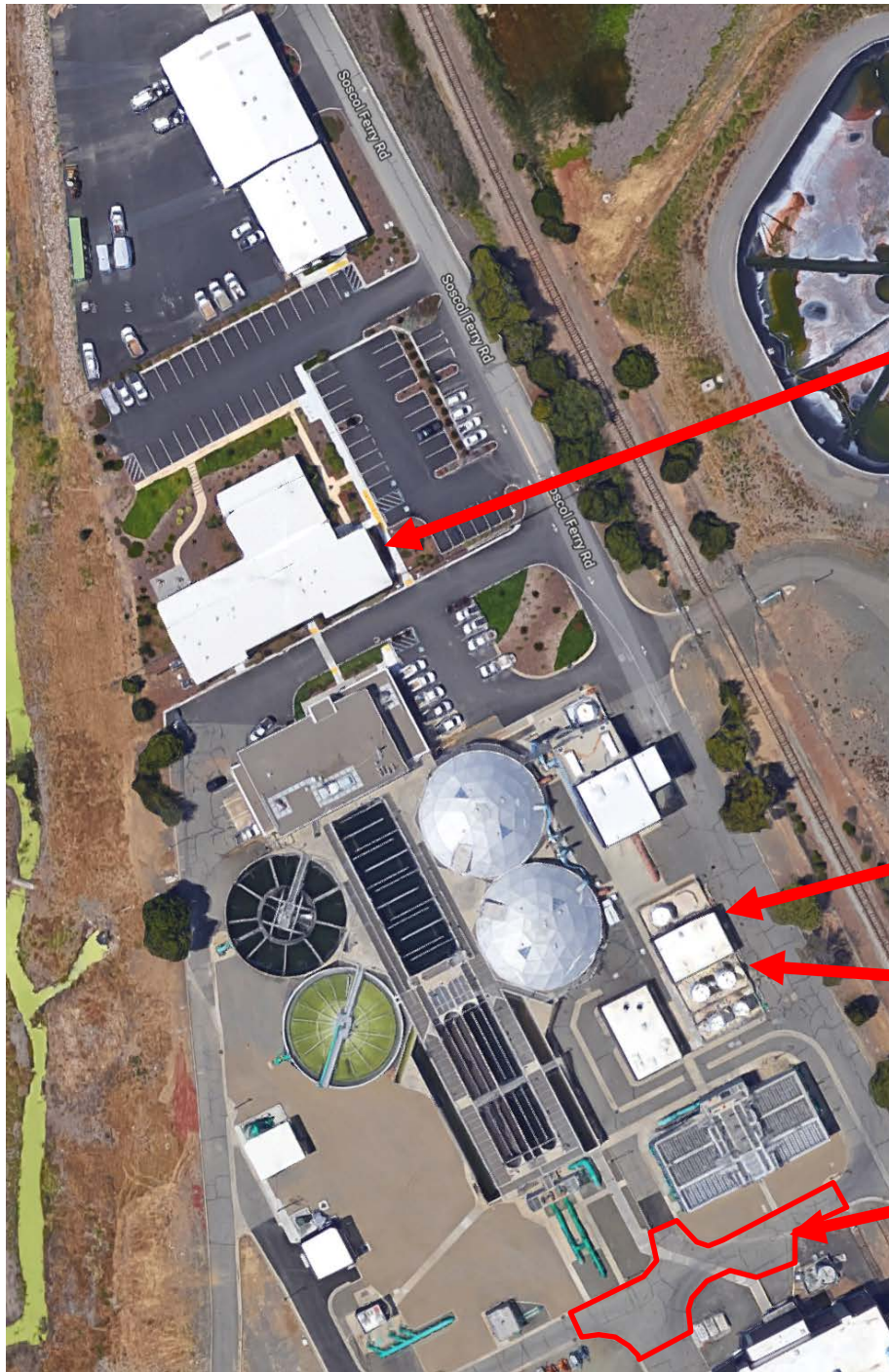


# **2019 Treatment Plant Improvements Project (CIP 18740)**

Napa Sanitation District  
Board of Directors Meeting  
April 15, 2020

## Project Scope

- Chemical Storage Building Rehab
  - Replace corroded drain lines
  - Replace damaged concrete and rebar
    - Install a protective coating
  - Replace Hypochlorite Tanks
  - Provide temporary chemical storage and pumping
  - Replaced chemical piping
  - Rebar reinforcement rehabilitation
- Plant Paving



# Chemical Storage Building

Admin Building

Chemical Storage Building

Hypochlorite Tanks

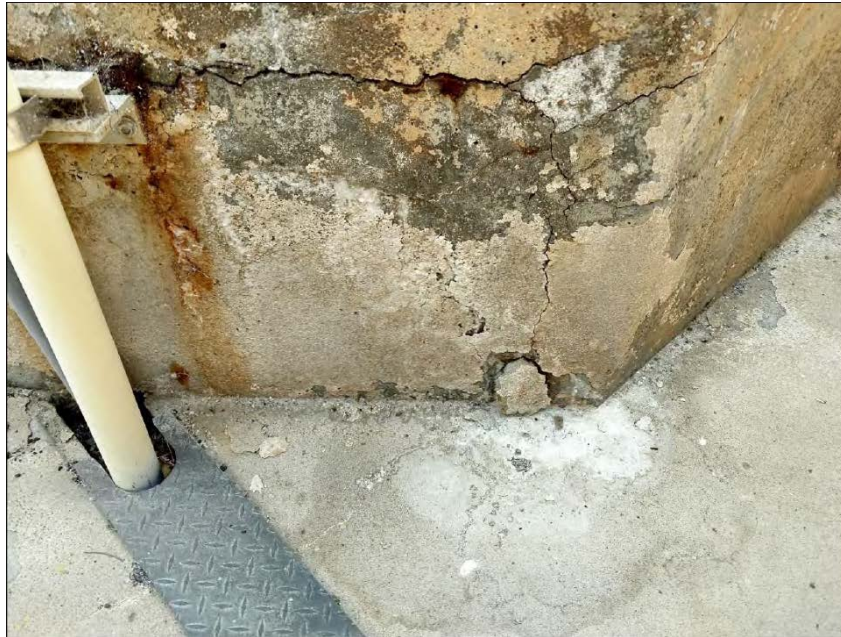
Paving

## Project Costs

Project Element	Cost
Construction	\$1,180,369
CC01	\$ 49,639 (4.2%)
CC02	\$ 14,619 (1.2%)
CC03	\$ 4,551 (0.4%)
CC04	\$ 22,543 (1.9%)
4 Change Orders	\$ 91,352 (7.7%)
<b>Total</b>	<b>\$1,271,721</b>



# Chemical Storage Building (Before)

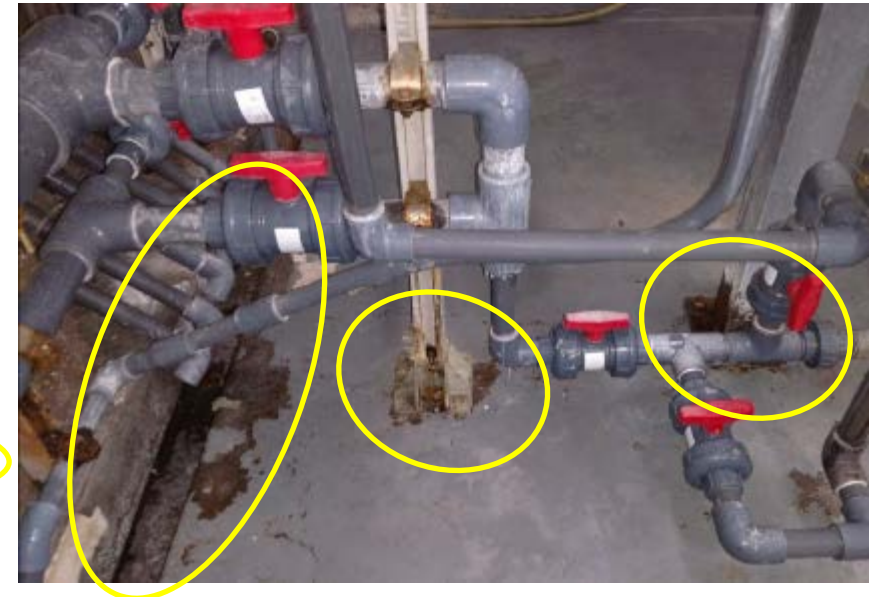




# Chemical Storage Building (After)



# Chemical Storage Building (Before)



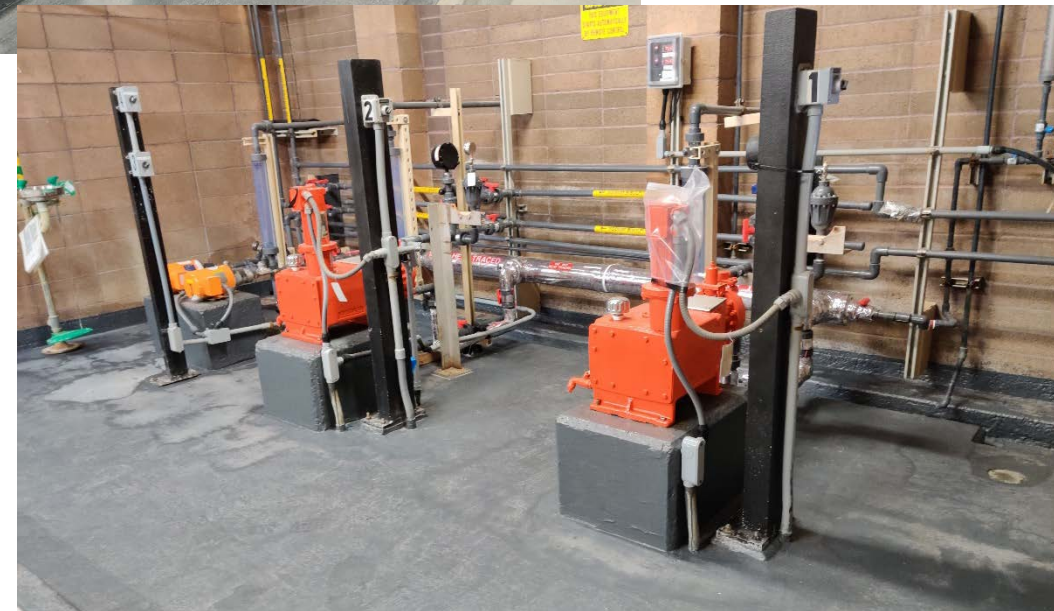


# Chemical Storage Building (After)





# Chemical Storage Building (After)



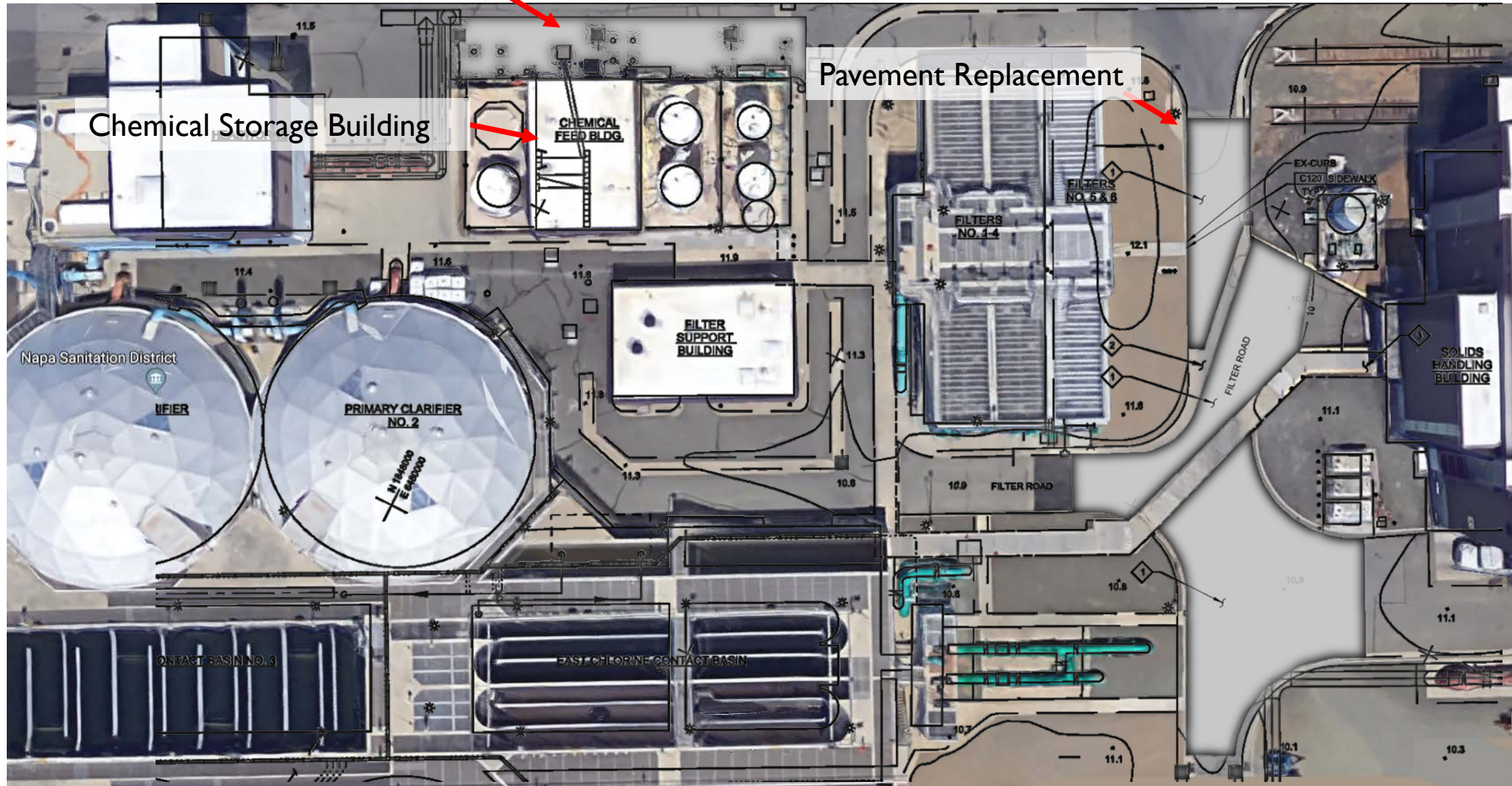


# Pavement

Pavement Replacement

Chemical Storage Building

Pavement Replacement





# Pavement (After)



## Staff Recommendation

- Adopt Resolution accepting completion and authorize the General manager to file the Notice of Completion at the Napa County Office of the Recorder for the 2019 Treatment Plant Improvement Project (CIP No. 18740).