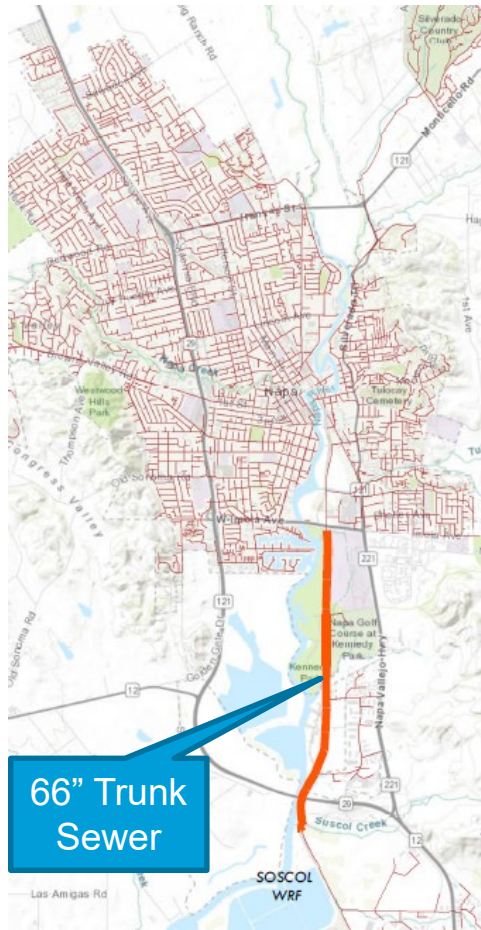




# 66-inch Trunk Sewer Rehabilitation Project (CIP 19701)

Napa Sanitation District  
Board of Directors Meeting  
November 18, 2020

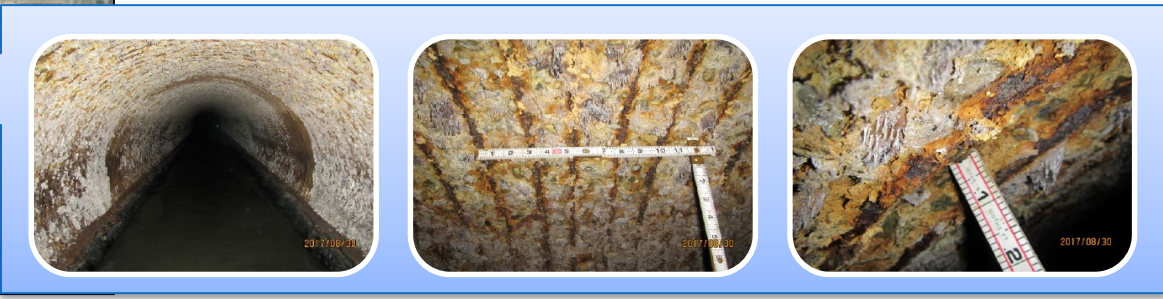
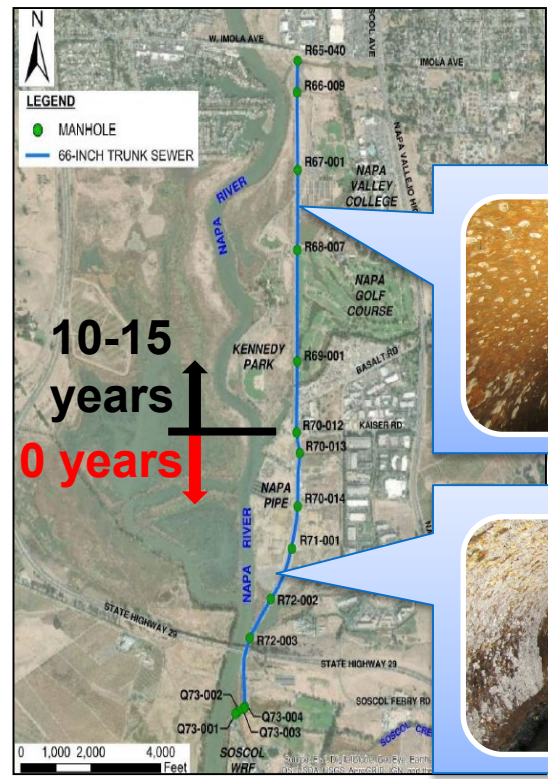


# Background

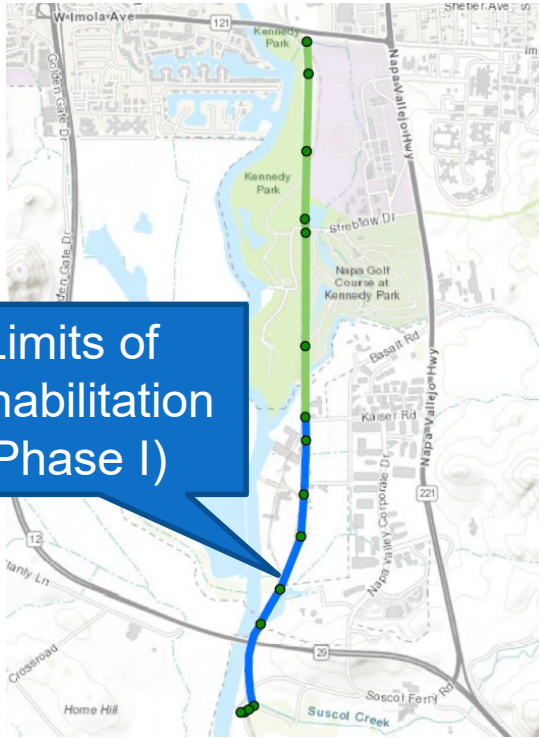
- 15,400 LF (~3 mi. length)
- 66" RCP - unlined
- Criticality
  - Conveys over 90% of flow to SWRF
  - Parallels the Napa River
  - No redundancy

# Condition Assessment Results

## Varies along alignment



# Project Scope



- Structural rehabilitation (CIPP) of downstream 1.3 miles of trunk main (south of Kaiser Road)
- Manhole construction / reconstruction / replacement to facilitate liner installation



# Current Status & Anticipated Schedule

Milestone	Date
CEQA	Complete
Notice Inviting Bids	November 20, 2020
Bid Opening	January 14, 2021
Award Construction	February 3, 2021
Notice to Proceed	February 2021
Project Completion	October 2021



# CEQA

**IS/MND adopted on 5/20/2020**

## **Mitigation Monitoring and Reporting Program**

### **Highlights:**

- Biological resources
  - 19 mitigation measures (federal and state endangered/protected species, sensitive wetland habitats)
  - Pre-construction biological surveys
- Wetland/riparian avoidance and permits
- Tier 4 equipment (air quality)
- Cultural resources

# Permitting

## Resource Agencies

- Department of Fish and Wildlife
- Regional Water Quality Control Board
- US Army Corps of Engineers



Applications submitted  
1/3/2020; under final review



# Project Financials

Project Budget:

\$15,086,550

Item	Estimated Cost
Construction (Engineer's estimate)	\$11,600,000
Construction Management & Inspection	\$1,000,000
Eng./Env. Services During Construction	\$1,000,000
Other Costs	\$500,000
<b>Total</b>	<b>\$14,100,000</b>

Project financing will be discussed under agenda item 8C





# Questions?



# Recommendation

Authorize the General Manager to issue Notice Inviting Bids for the 66-inch Trunk Sewer Rehabilitation Project: Kaiser Road to SWRF (CIP 19701).