

# 2018 Collection System Rehabilitation Project (CIP 18705)



Napa Sanitation District  
Board of Directors Meeting  
December 6, 2017



# Background

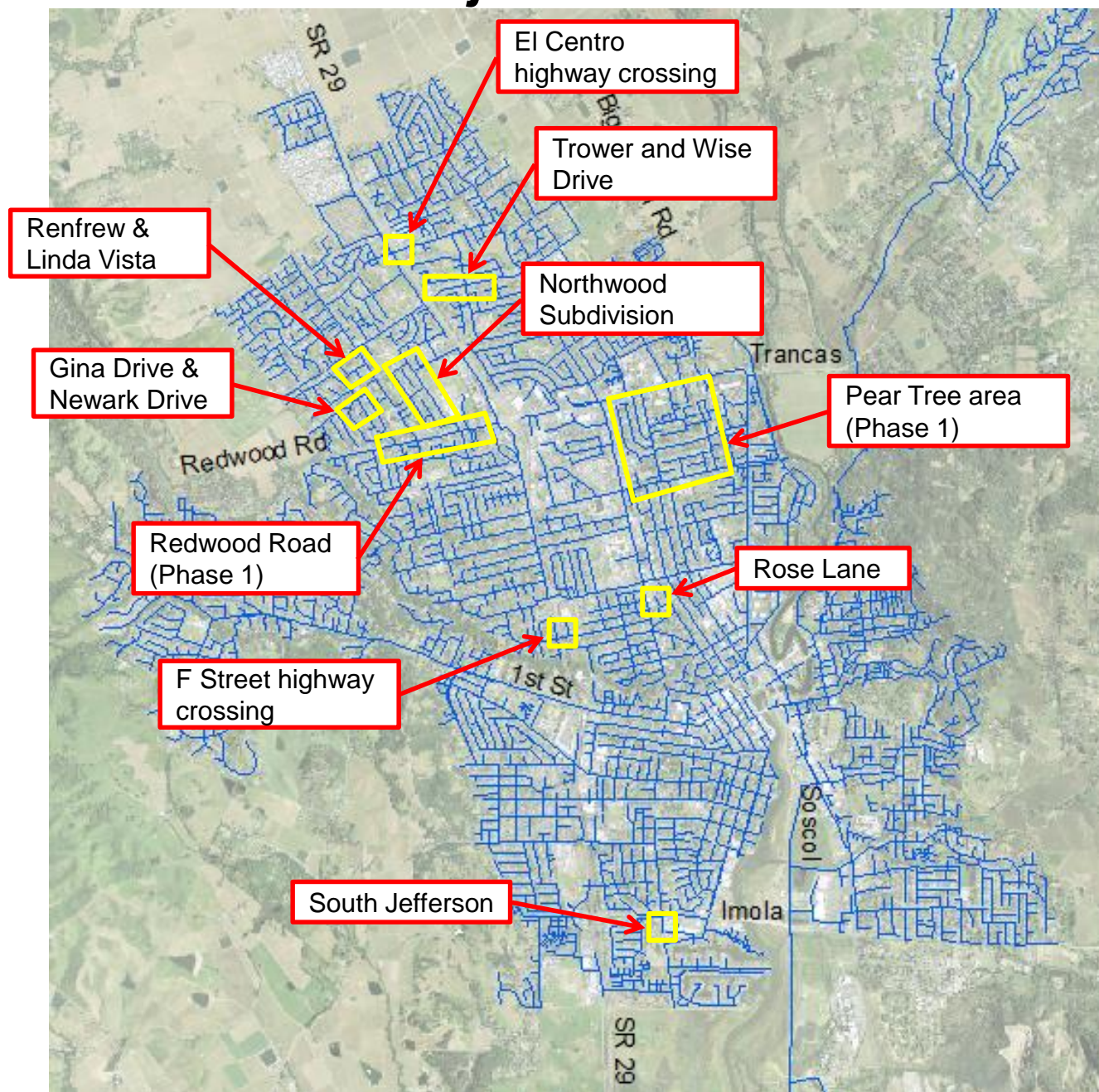
- Collection System Master Plan (CSMP) 2007
- Identified \$120 million in capacity expansion projects
- Recommendation of an Infiltration & Inflow (I&I) Reduction Program
- 7 major rehabilitation projects completed so far
- Pre- and Post-construction flow monitoring to determine reduction in I&I



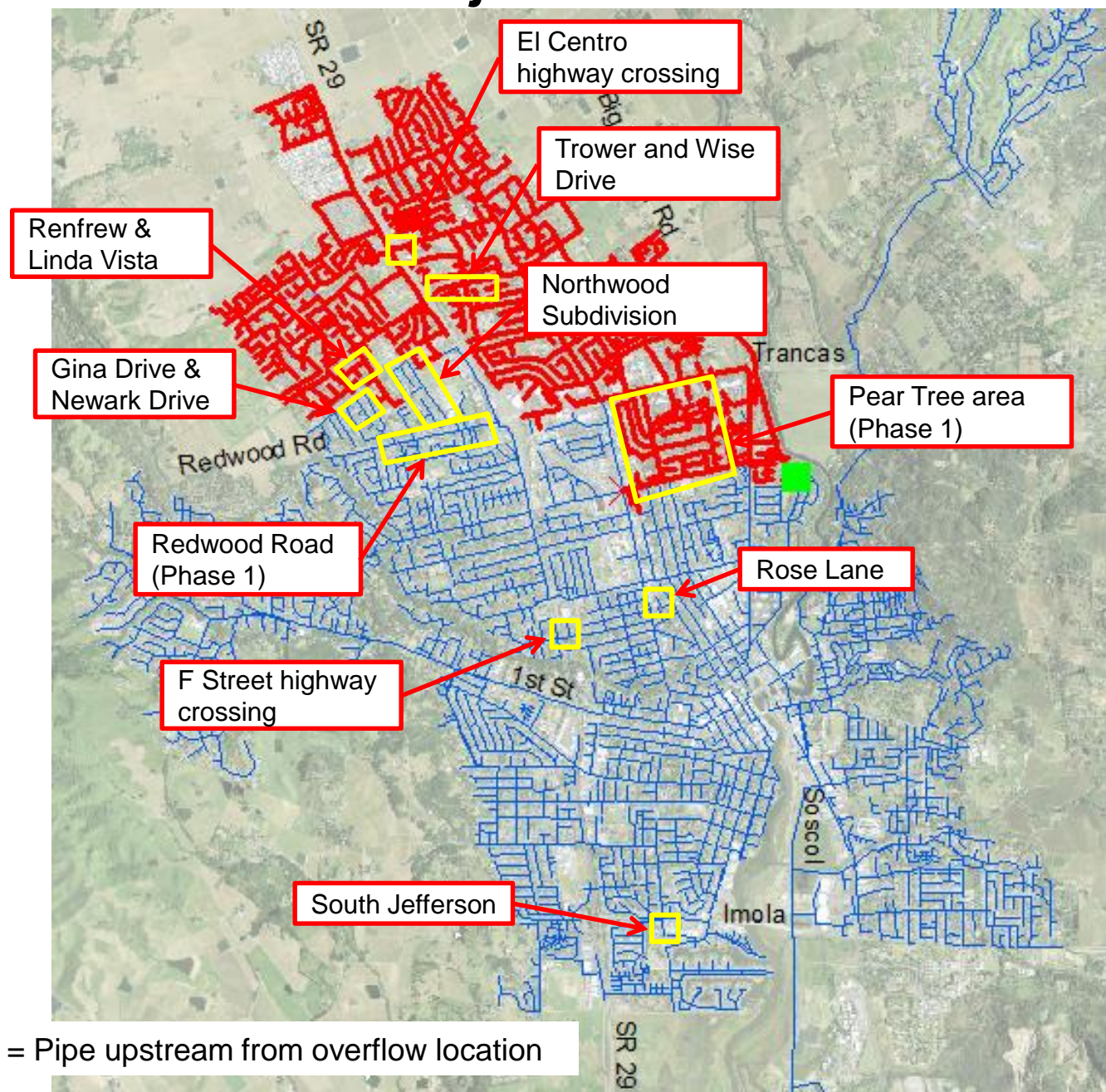
# Background

- I&I Reduction
  - Flow monitoring
  - Wet weather reconnaissance
  - Wet weather CCTV
  - Smoke testing
- Rehabilitation/Replacement
- Coordination with City paving
- Coordination with utility agencies (City Water, City Storm Drains, PG&E, AT&T, Comcast)

# 2018 Project Locations

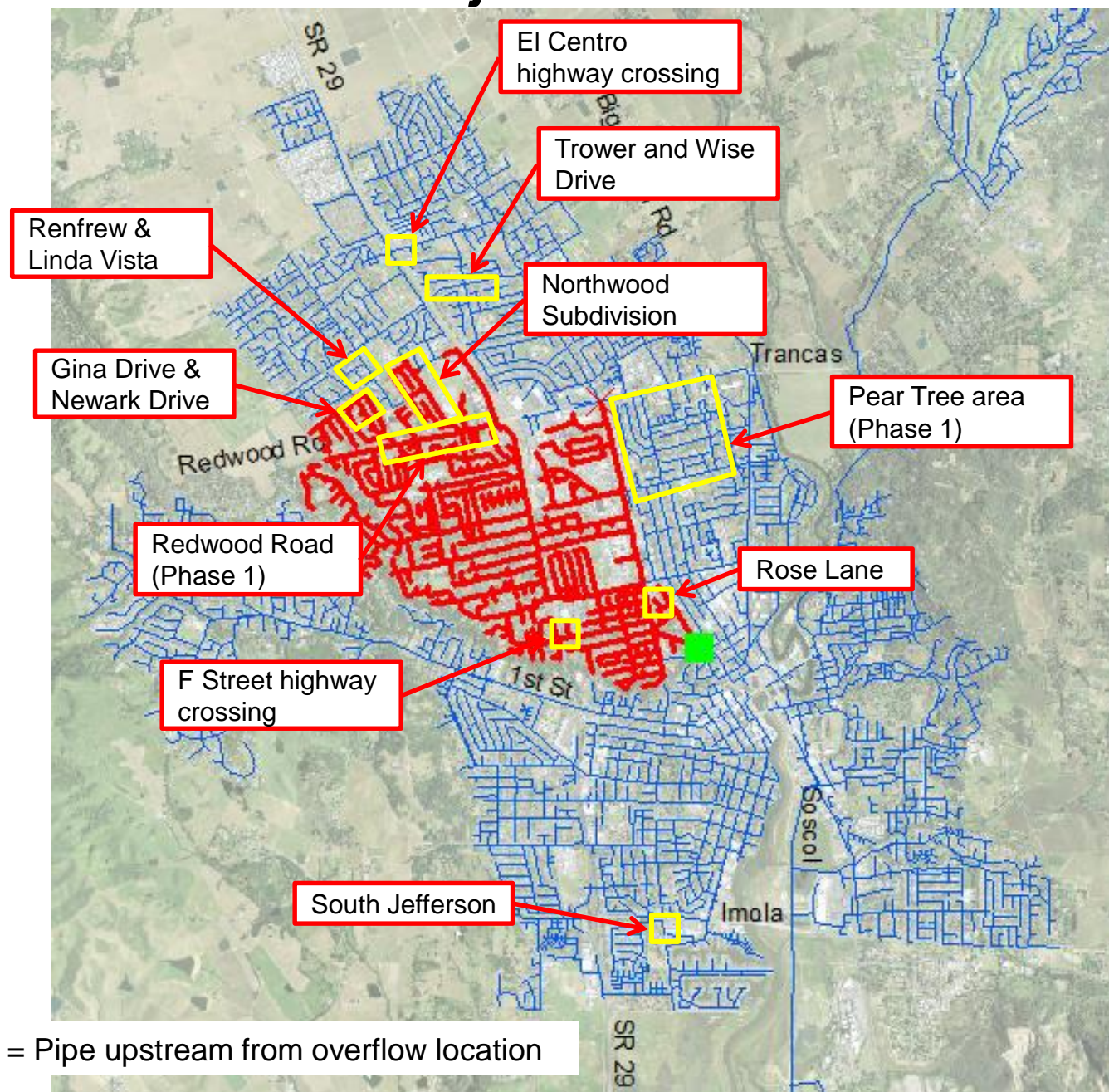


# 2018 Project Locations



— = Pipe upstream from overflow location

# 2018 Project Locations



— = Pipe upstream from overflow location



# Project Overview

- Engineer's Estimate: \$4,800,000

Item	Quantity
Sewer main rehab/replacement	32,000 LF (6.1 miles) (2.2% of system)
Structures	25
Laterals	600



# Anticipated Schedule

Milestone	Date
Notice Inviting Bids	December 2017
Bid Opening	January 23, 2018
Award Construction	February 7, 2018
Notice to Proceed	February 2018
Substantial Completion	October 2018



# Staff's Recommendation

- Approve the Project
- Concur with Staff's determination that the Project is categorically exempt under CEQA
- Authorize the General Manager to issue Notice Inviting Bids