

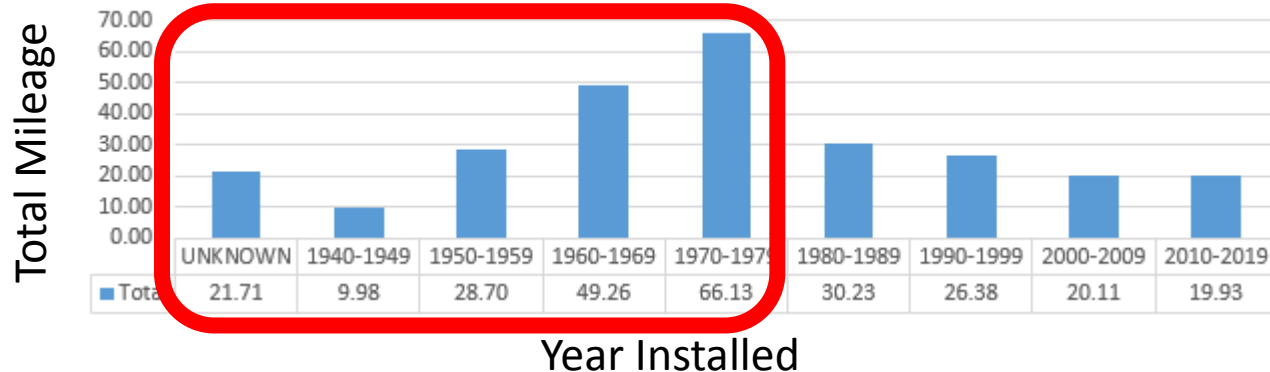
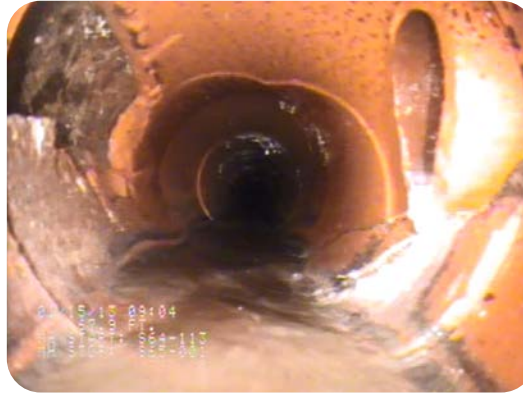


2018 Collection System Rehabilitation Project (CIP 18705)

Napa Sanitation District Board of Directors Meeting
February 20, 2019

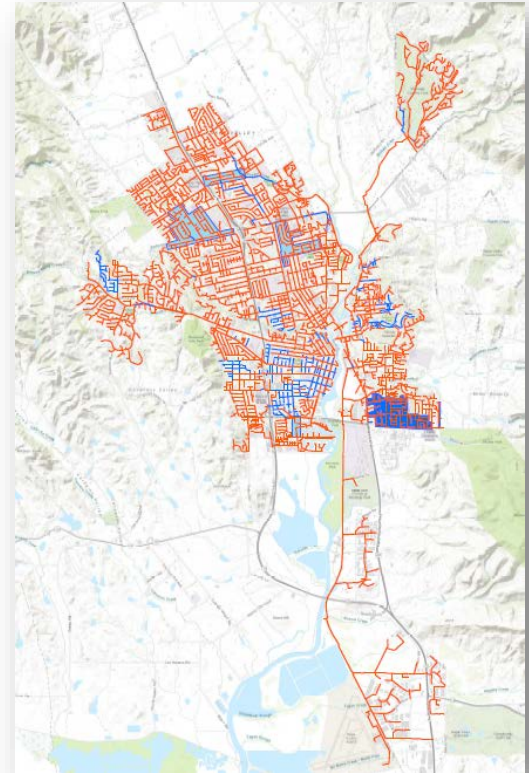
Background

2007 Collection System Master Plan (CSMP) identified \$120 million in capacity expansion projects

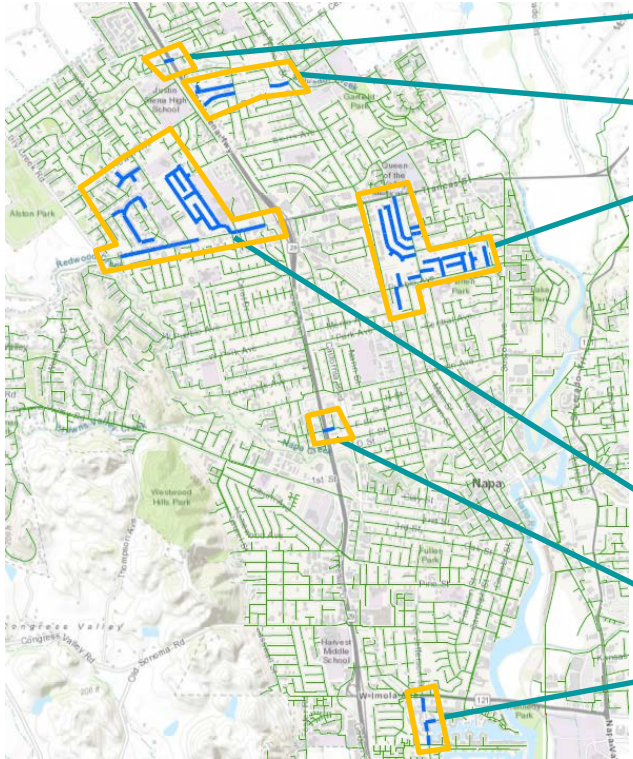


Background

- 8th major rehabilitation project to date
- Funded by annual Sewer Service Charges
- 2018 goal: 1.3% of system (3.5 mi.)
- Trenchless methods minimize impacts
- Coordination w/ City and County paving programs
- In-house effort (planning, design, construction management, inspection, outreach)



Project Locations



El Centro Highway Crossing

Trower Avenue / Wise Drive

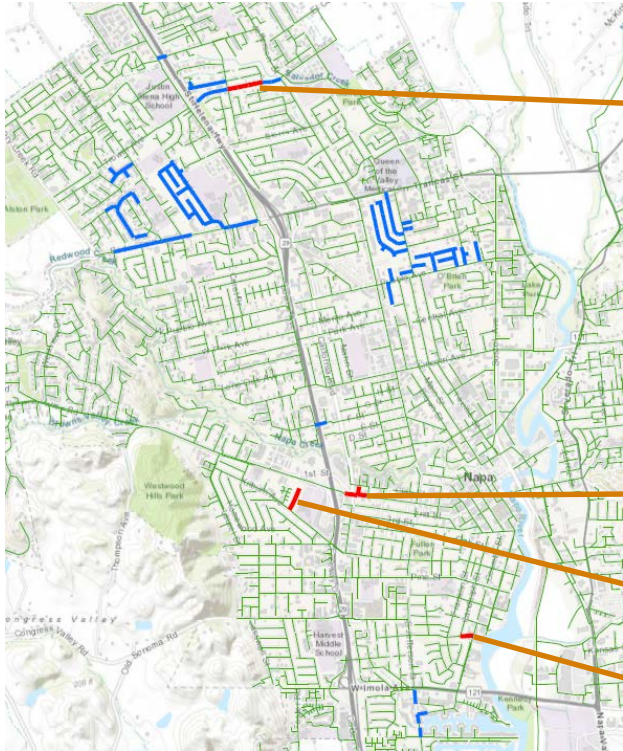
Pear Tree Area Phase I

Linda Vista Area

F Street Highway Crossing

South Jefferson / Cabot

Additional Project Locations



Trower Avenue Additional Scope

1st Street / Walnut Street

Bremen Court

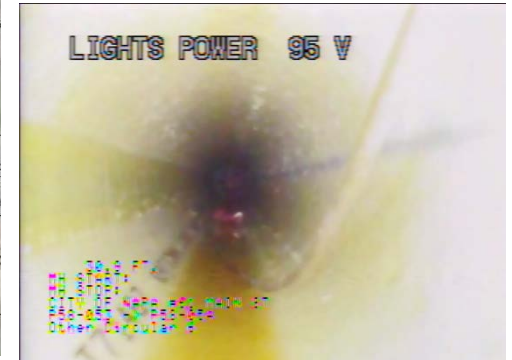
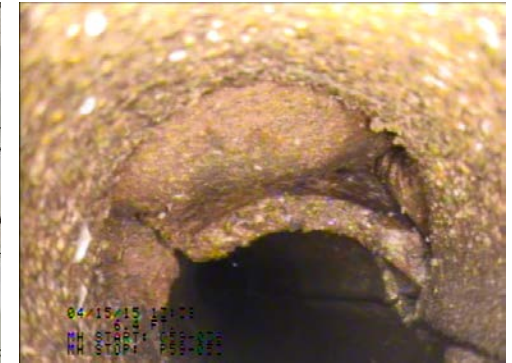
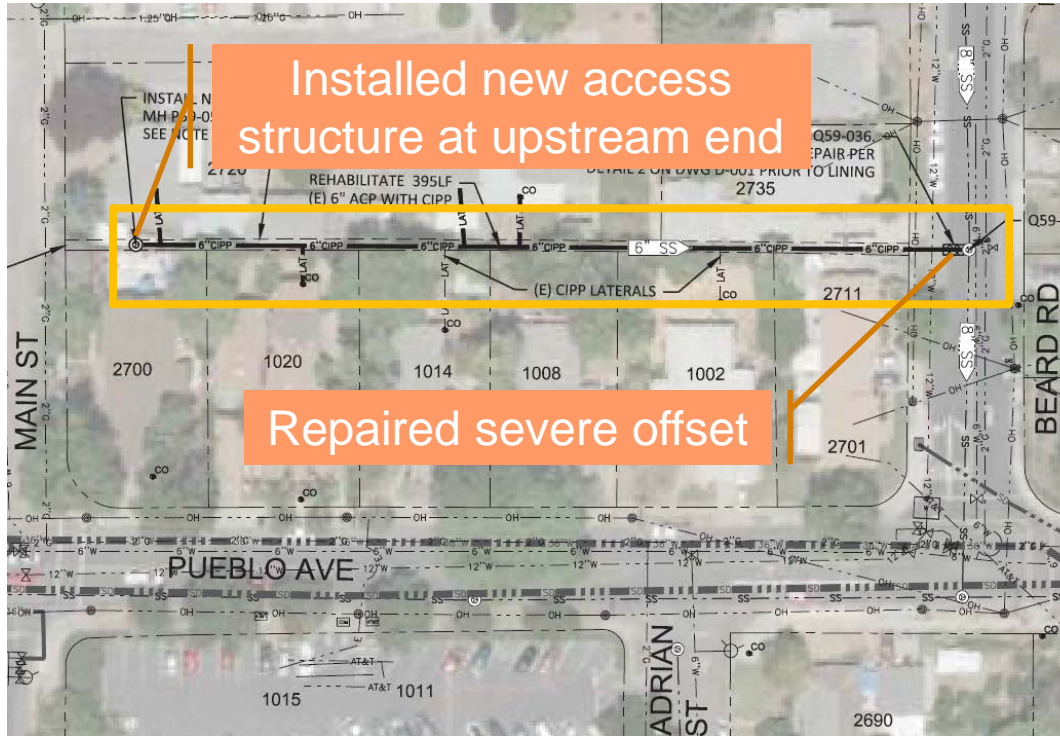
Spruce Street



Accomplishments

- Rehabilitate Collection System Assets
 - 6.9 miles of sewer main (2.5% of system)
 - 648 public sewer laterals
 - 51 manholes/flush holes
- Decrease Inflow/Infiltration
- Coordination with City projects
- Coordination with businesses and residents

Backyard Main off of Beard Rd.



Oxford Street





Costs

Engineer's Estimate	\$4,800,000
Low Bid	\$4,719,546
Change Orders	-\$216,217 (-4.6%)
Final Contract Amount	\$4,503,329



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 2018 Collection System Rehabilitation Project (CIP 18705).