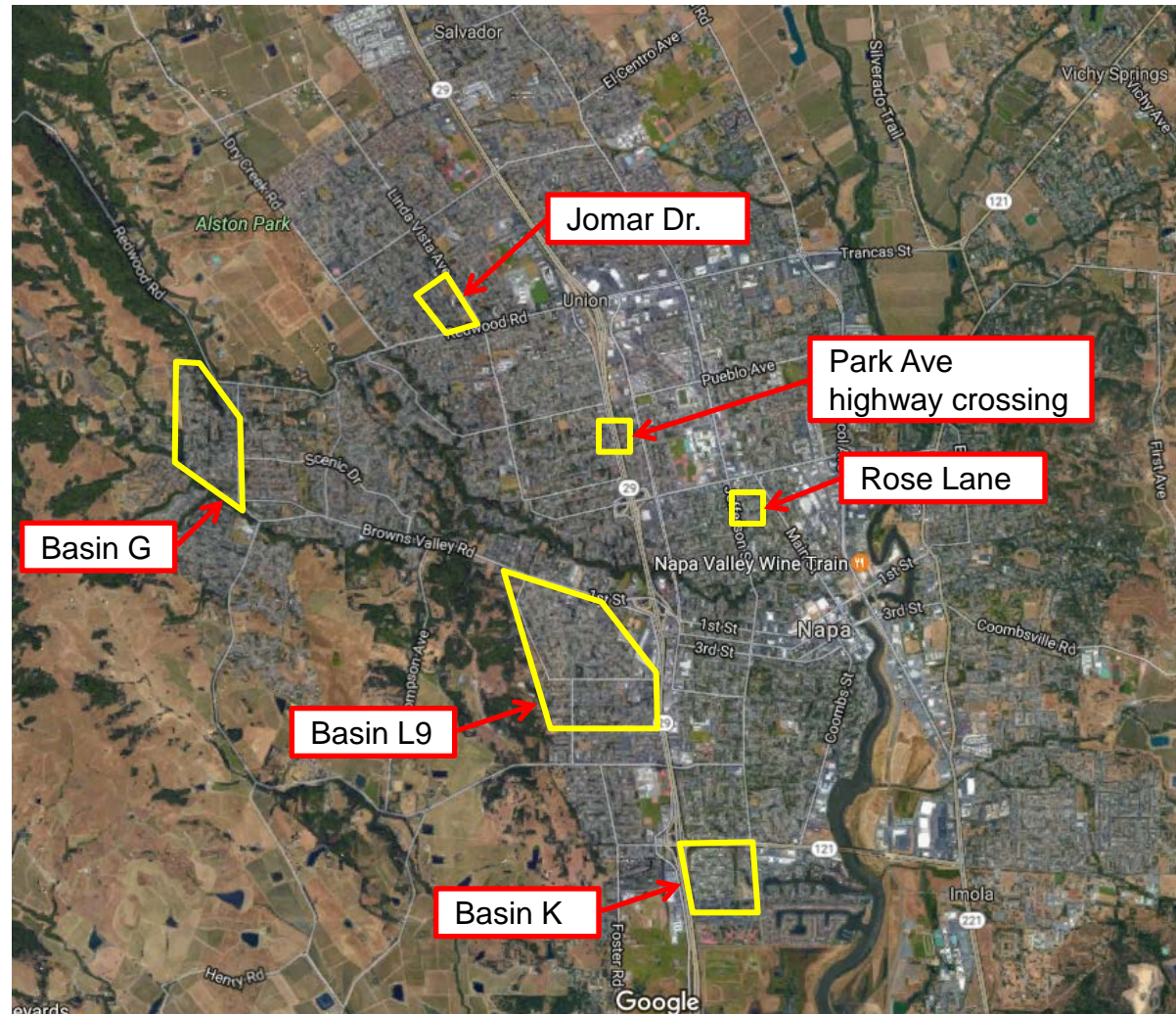




2017 Collection System Rehabilitation Project (CIP 17708)

Napa Sanitation District
Board of Directors Meeting
March 1, 2017

Project Location



Why is this project needed?

- 2007 Collection System Master Plan (CSMP)
 - Identified \$120 million in capacity expansion projects
 - Recommended an I&I Reduction Program as alternative to capacity expansion projects
- This project is part of the I&I Reduction Program
 - Brick manholes, clay pipe, and AC pipe installed in 1940s-1960s
- Complete in advance of City paving



Project Overview

- General project scope

	Base Bid	Bid Alternate
Sewer main rehab/replacement	30,000 LF (5.7 miles)	0
Structures	43	0
Laterals	475	135

- District staff will perform construction management and inspection services for the project

Project Financials

BID DATE: 02/14/2017	BID TIME: 2:00 PM
ENGINEER'S ESTIMATE	\$5,200,000

	BIDDER	SUBMITTED BID
1	K.J. WOODS CONSTRUCTION	\$4,728,000
2	RANGER PIPELINES, INC.	\$5,242,747
3	D'ARCY & HARTY	\$5,272,880
4	JMB CONSTRUCTION	\$7,007,635

Cost Evaluation

Project	Scope	Miles	Laterals/ Mile	Cost/Mile (millions \$)
Basin L #1	Rehab <u>only</u>	1.7	73	0.72
Basin L #2	Rehab/Trench	1.8	105	1.33
Basin L #3	Rehab/Trench	2.5	94	1.11
Basin L #4	Rehab/Trench	4.2	143	0.98
Basin L #5	Rehab/Trench	1.4	80	1.3
2017 Project	Rehab <u>mostly</u>	5.7	105	0.83



Anticipated Schedule

Milestone	Date
Notice to Proceed	March 2017
Begin Construction	April 2017
Complete Construction	October 2017
Accept Construction/ Presentation to Board	December 2017
Post-Construction Flow Monitoring	Winter 2017/2018

Staff Recommendation

- Award the construction contract (base bid plus bid alternate) to K.J. Woods Construction, Inc. for the amount of \$4,728,000 and authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.