



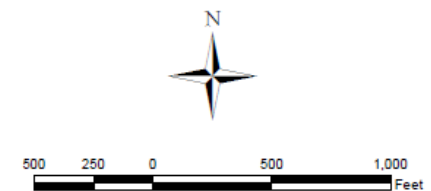
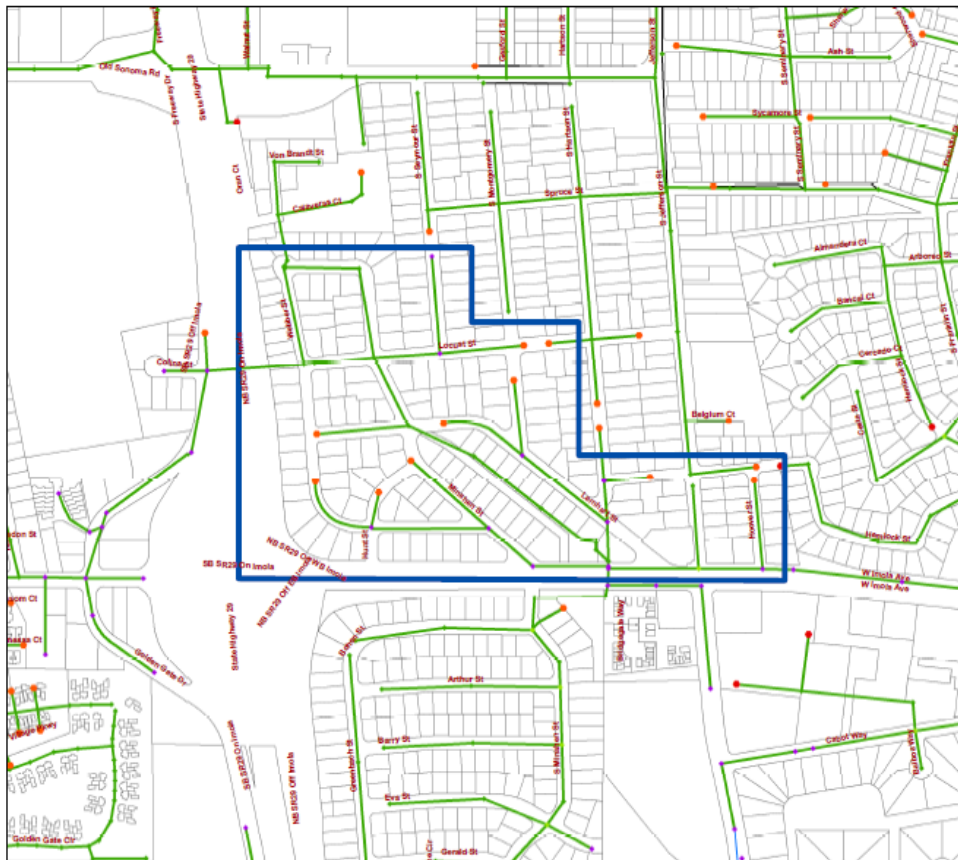
Basin “L” Pipeline Rehabilitation Project #5 (CIP 16701)

Napa Sanitation District
Board of Directors Meeting
February 3, 2016



Project Location

BASIN "L" PIPELINE REHABILITATION PROJECT #5 (CIP 16701) PROJECT MAP





Why is this project needed?

- I&I Reduction
 - High I/I peaking factor and high wet weather flows
 - Brick manholes
 - Clay pipe
 - Complete in advance of City of Napa paving
- Rehabilitation/Replacement
 - Remove and replace 6" VCP in Silverado Trail
 - Replace backyard sewer main with new 18" PVC in Lernhart Street



Project Financials

BID DATE: 01/26/2016

BID TIME: 2:00 PM

ENGINEER'S ESTIMATE

\$2,400,000

	BIDDER	SUBMITTED BID
1	RANGER PIPELINES, INC.	\$1,819,954
2	K.J. WOODS CONSTRUCTION	\$1,928,000
3	ENGINEER'S ESTIMATE	\$2,400,000
4	CALIFORNIA TRENCHLESS, INC.	\$2,644,646



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



Project Overview

- General project scope

	Quantity
Sewer main rehab/replacement	7,500 LF 1.4 miles
Structures	18
Laterals	112

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



Anticipated Schedule

Milestone	Date
Notice Inviting Bids	December 4, 2015
Bid Opening	January 26, 2016
Award Construction	February 2016
Notice to Proceed	February 2016
Review Submittals & Begin Construction	April 2016
Complete Construction	October 2016
Accept Construction/ Presentation to Board	November 2016



Staff Recommendation

- Award the construction contract to Ranger Pipelines in the amount of \$1,819,954.