

Slide 1

Southeast Napa Sewer and Roadway Rehabilitation Project (CIP 18706)



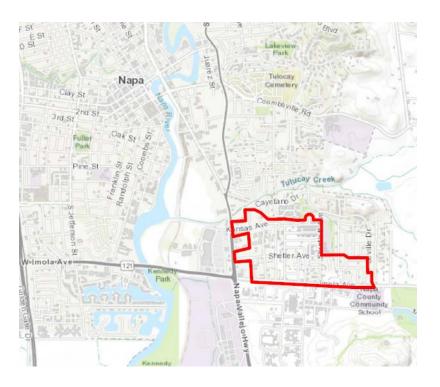
Napa Sanitation District Board of Directors Meeting December 19, 2018



Background

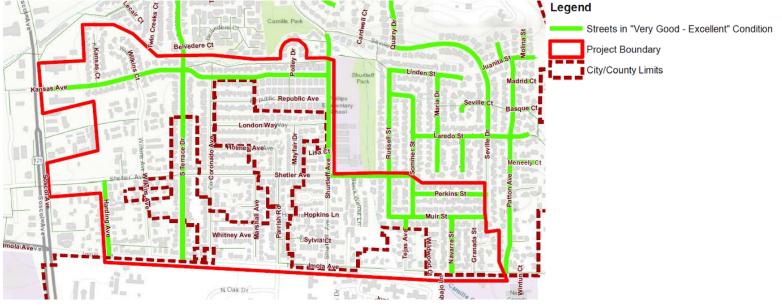
Southeast Napa Area

- High peaking factor (22.4)
- Downstream SSO history
- Upcoming paving projects (City and County)





Coordination with Paving Projects



Identify streets in good condition and modify design to minimize impacts

Slide 3



Coordination with Paving Projects

- Napa County
 - Partnership to combine sewer rehabilitation and paving into one project
 - Reimbursement agreement similar to past collaborative projects (MST, Flood Control)
- City of Napa
 - Streets within and near project area are on upcoming paving schedule



Slide 5

Project Overview

General Project Scope

	Item	Quantity
Base Bid	Sewer main rehabilitation	30,980 LF (5.9 miles) - 2.2%
	Structures	80
	Laterals	615
Alternate	Street resurfacing	1.6 miles
	ADA curb ramps	21

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



Project Financials

Bid Date/Time: 12/4/2018, 2:00 PM

Engineers'	Base Bid	Alternate	Combined
Estimates	\$5,900,000.00	\$1,950,000.00	\$7,850,000.00

	Bidder	Base Bid	Alternate	Combined
1	Cratus Inc.	\$5,280,892.00	\$1,757,880.00	\$7,038,772.00
2	D'Arcy & Harty	\$5,656,536.00	\$1,651,460.00	\$7,307,996.00
3	Ranger Pipelines	\$6,518,934.00	\$1,767,075.00	\$8,286,009.00
4	Team Ghilotti	\$9,623,111.90	\$1,776,540.50	\$11,399,652.40

Slide 6



Cost Evaluation – Sewer Rehabilitation

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 mostly	5.7	105	0.83
2018 Project	Rehab <u>only</u>	6.1	98	0.77
2019 Project	Rehab <u>mostly</u>	5.9	104	0.90

Slide 7



Anticipated Schedule

Milestone	Date	
Notice to Proceed	Early February 2019	
Begin Construction	March 2019	
Complete Construction	October 2019	
Accept Construction/ Presentation to Board	December 2019	
Post-Construction Flow Monitoring	Winter 2018/2019	



Recommendation

Award the construction contract (base bid plus bid alternate) to Cratus, Inc. for the amount of \$7,038,772 and authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.