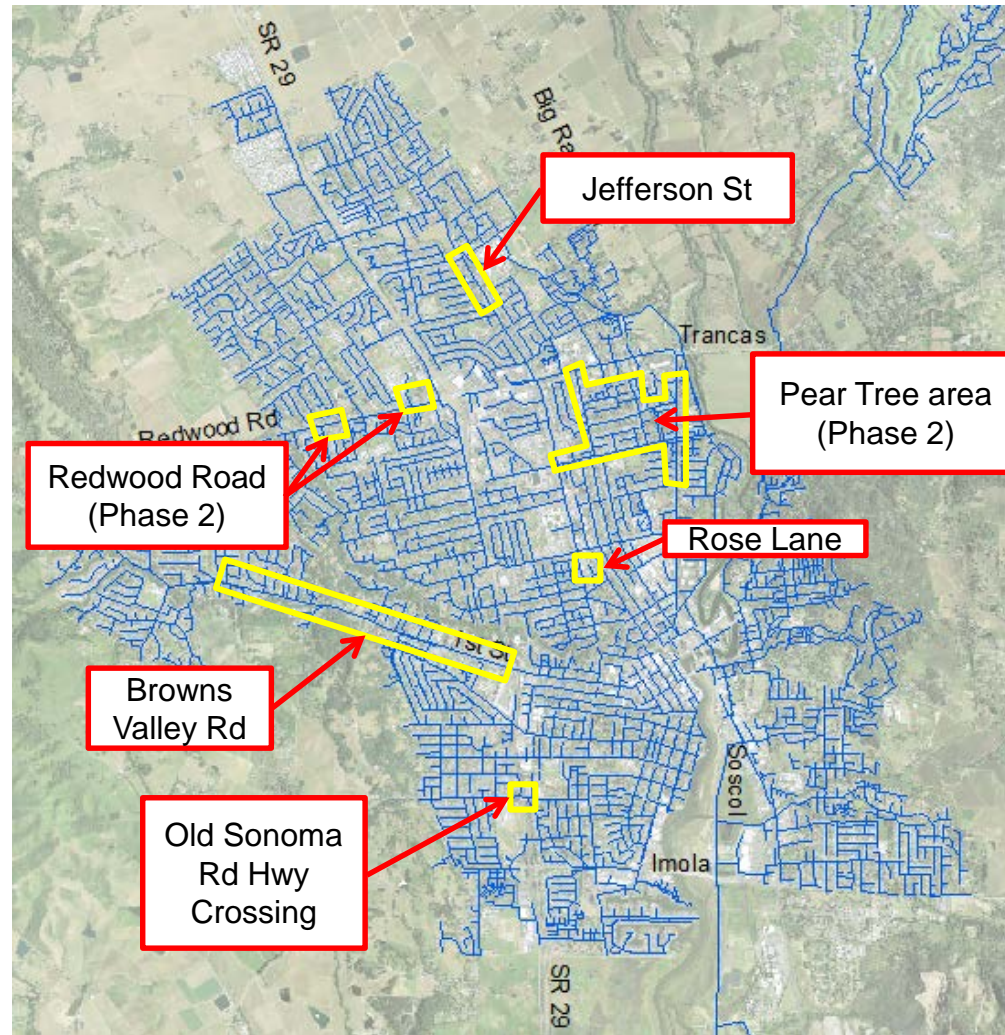




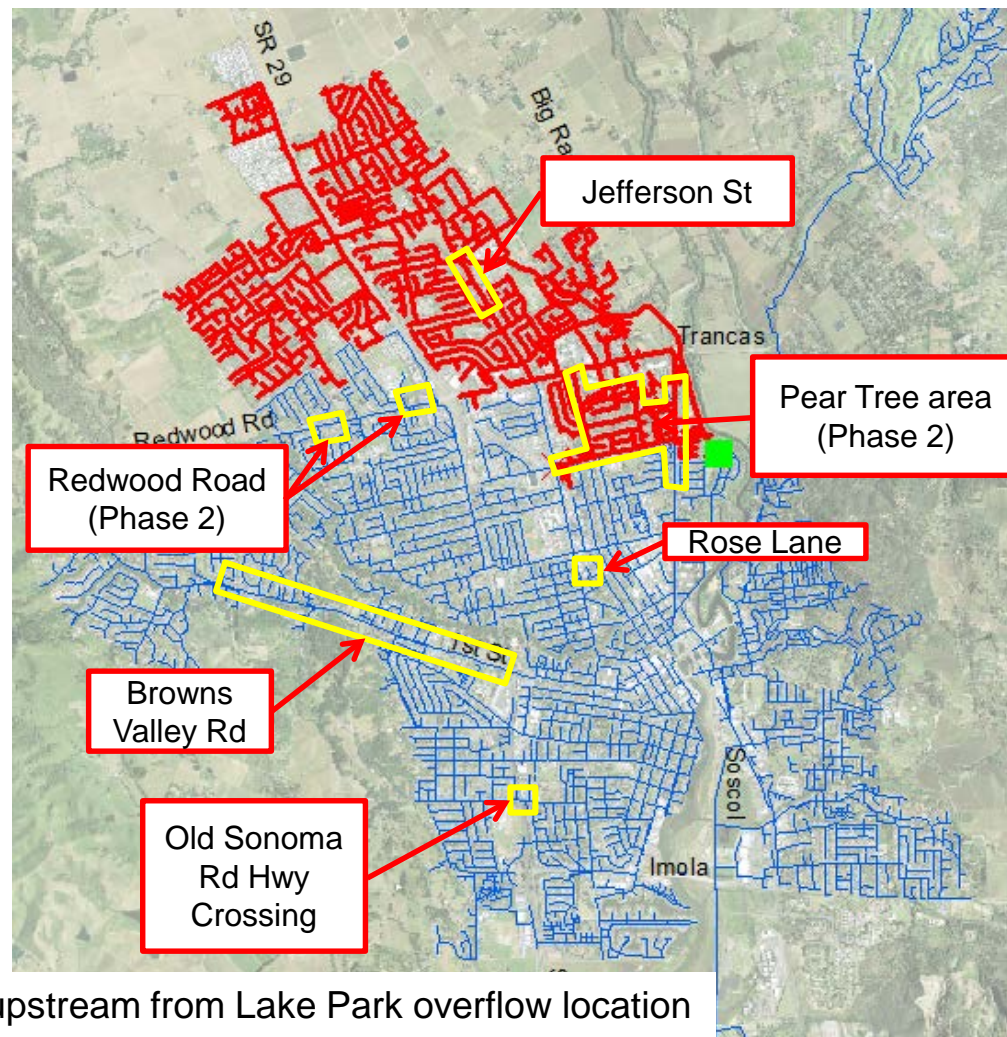
2020 Collection System Rehabilitation Project (CIP 19703)

Napa Sanitation District
Board of Directors Meeting
December 18, 2019

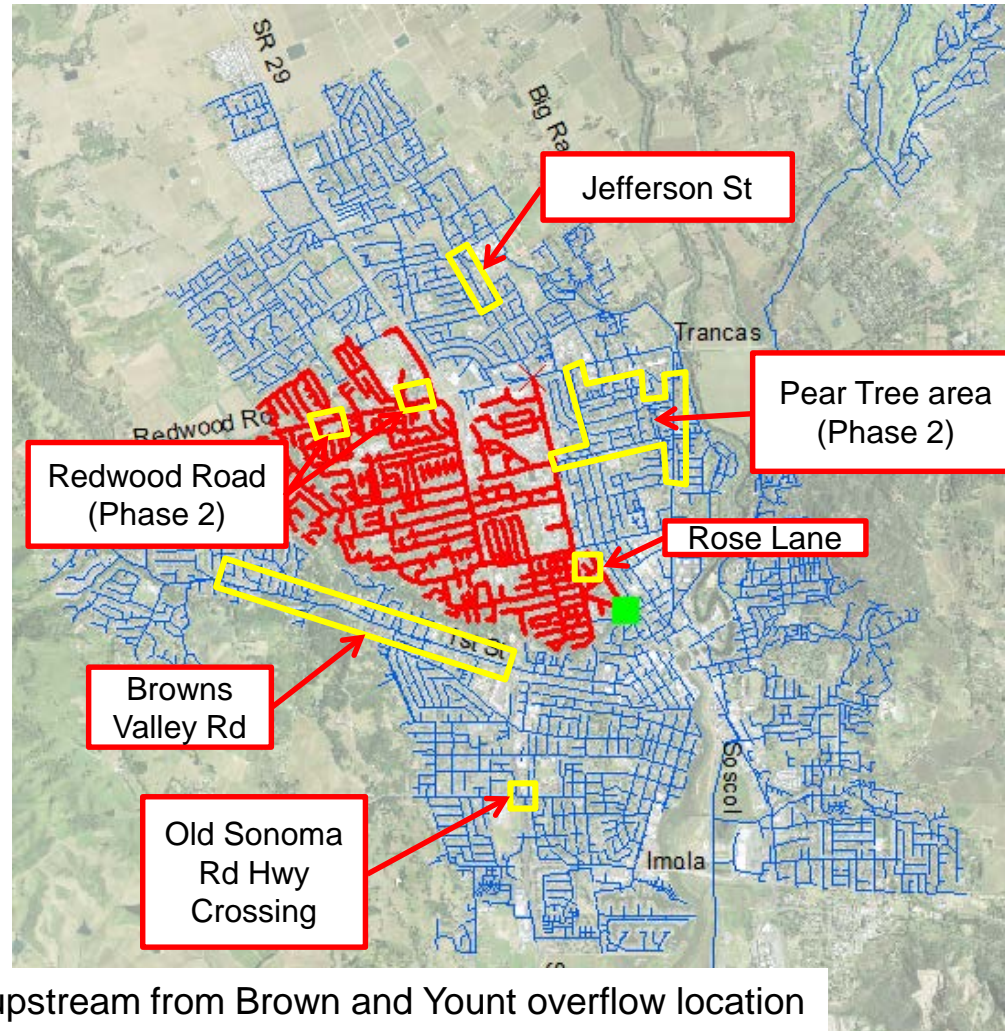
Project Locations



Project Locations



Project Locations



Project Locations



Project Overview

- General project scope

| | Base Bid | Bid Alternate | Total Bid |
|------------------------------|--------------------------|-------------------------|-----------------------|
| Sewer main rehab/replacement | 25,776 LF (4.9 miles) | 3,577 LF (0.7 miles) | 29,353 (5.6 miles) |
| Structures | 51 | 15 | 66 |
| Laterals | 350 | 32 | 382 |

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

Project Financials

| | |
|-----------------------------|--------------------------|
| BID DATE: 11/21/2019 | BID TIME: 2:00 PM |
| ENGINEER’S ESTIMATE | \$6,560,000 |

| | BIDDER | SUBMITTED BID |
|---|-----------------------|--------------------------|
| 1 | Nu-Line Technologies | \$6,445,000 |
| 2 | Cratus Inc | \$6,706,845 |
| 3 | KJ Woods Construction | \$6,878,000 |
| 4 | Ranger Pipelines Inc | \$9,025,310 |
| 5 | | |

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 |
| 2018 Project | Rehab <u>only</u> | 6.1 | 98 | 0.77 |
| 2019 Project | Rehab <u>mostly</u> | 5.9 | 104 | 0.90 |
| 2020 Project | Rehab <u>only</u> | 5.6 | 70 | 1.16 |

Anticipated Schedule

| Milestone | Date |
|---|------------------|
| Notice to Proceed | January 2020 |
| Begin Construction | March 2020 |
| Complete Construction | October 2020 |
| Accept Construction/ Presentation to Board | December 2020 |
| Post-Construction Flow Monitoring | Winter 2020/2021 |

Staff Recommendation

- Award the construction contract (base bid and bid alternate) to Nu-Line Technologies, LLC for the amount of \$6,445,000 and authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.