



MST Recycled Water Pipeline Expansion Project (CIP 16722)

Napa Sanitation District
Board of Directors Meeting
February 1, 2017



Background

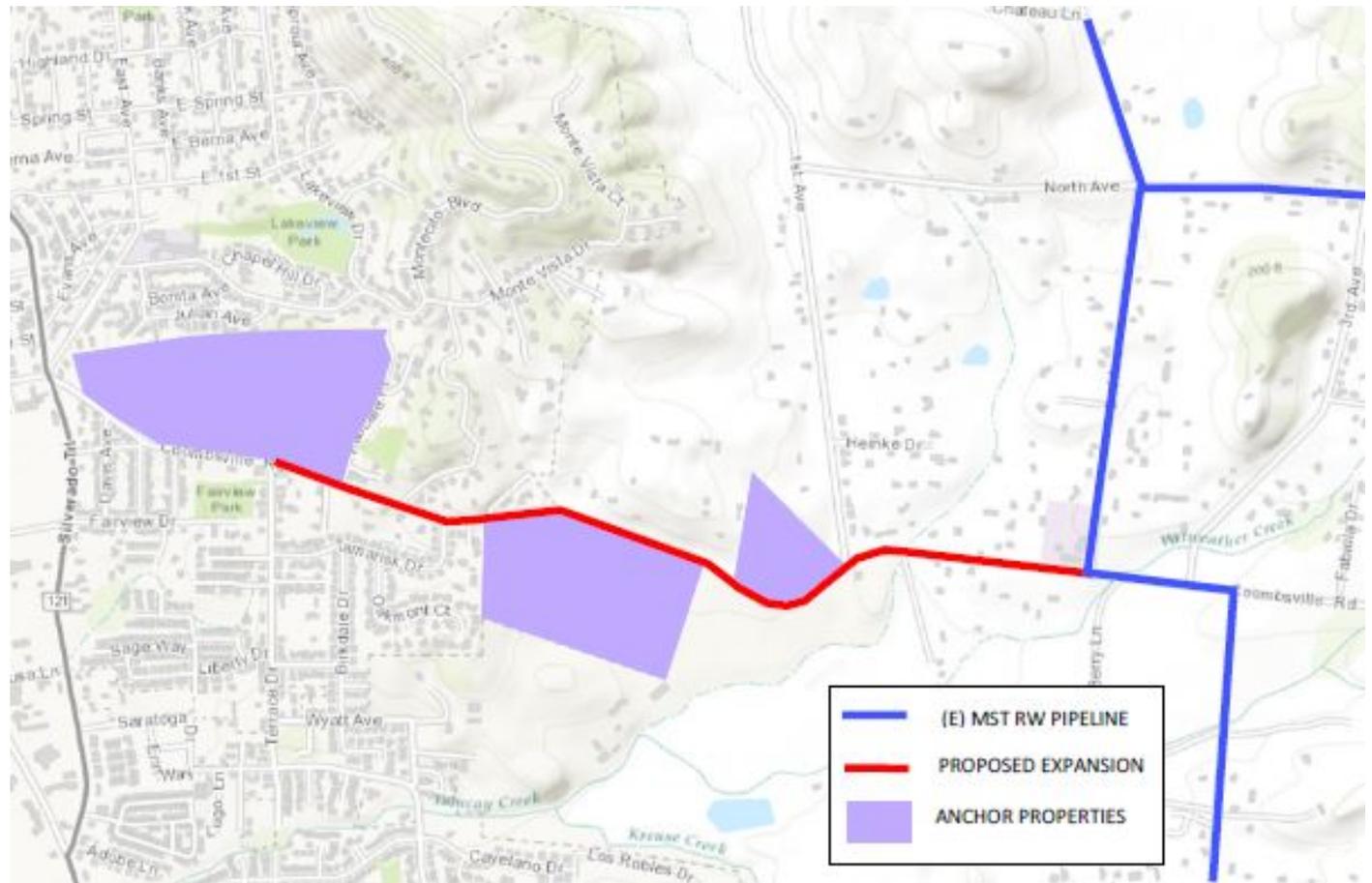
- Initial MST Project completed in 2016
 - 5 miles of distribution pipeline
 - Booster Pump Station
 - 52 participating properties
- Expandable Distribution System
 - Additional RW available to MST following the project
 - Napa County and NapaSan continued outreach to interested parties



Project Elements

- 1.4 miles of new 18" and 8" recycled water mains
- (3) “Anchor” properties
 - NVUSD’s Silverado Middle School
 - Tulocay Cemetery
 - 12 acre vineyard property
- (1) bore and jack creek crossing

Project Map





Project Challenges

- September 2017 completion required for WaterSMART grant
- SRF loan application on critical path
- Silverado Middle School & Mount George Elementary School
- Rock Excavation
- Bore and Jack creek crossing



Project Funding

- \$4M Total Project Cost
 - \$3M Construction (engineer's estimate)
 - \$1M Soft Costs (design, environmental, CM, NapaSan staff time)
- \$1M WaterSMART Grant (Federal)
 - 25%
 - NBWRA
- All NapaSan costs reimbursed by Napa County
 - Low interest SRF Loan (State)
- **COST TO NSD RATE PAYERS: \$0**



Project Schedule

- Board Approval of Project: 2/1/17
- Notice Inviting Bids: 2/3/17
- Bid Opening: 3/21/17
- April 2017
 - Award Construction Contract
 - Award Construction Management & Inspection Task Order
 - Award Engineering Services During Construction Task Order
- Construction Period: April – September 2017



Recommendation

- Determine the Project is substantially complex and require a 10% retention amount;
- Approve the Project;
- Authorize the General Manager to issue the Notice Inviting Bids for the MST Recycled Water Expansion Project (CIP 16722)



Questions?