



# Award Construction Contracts & Consultant Task Orders - MST Recycled Water Pipeline Expansion Project (CIP 16722)

Napa Sanitation District  
Board of Directors Meeting  
April 5, 2017

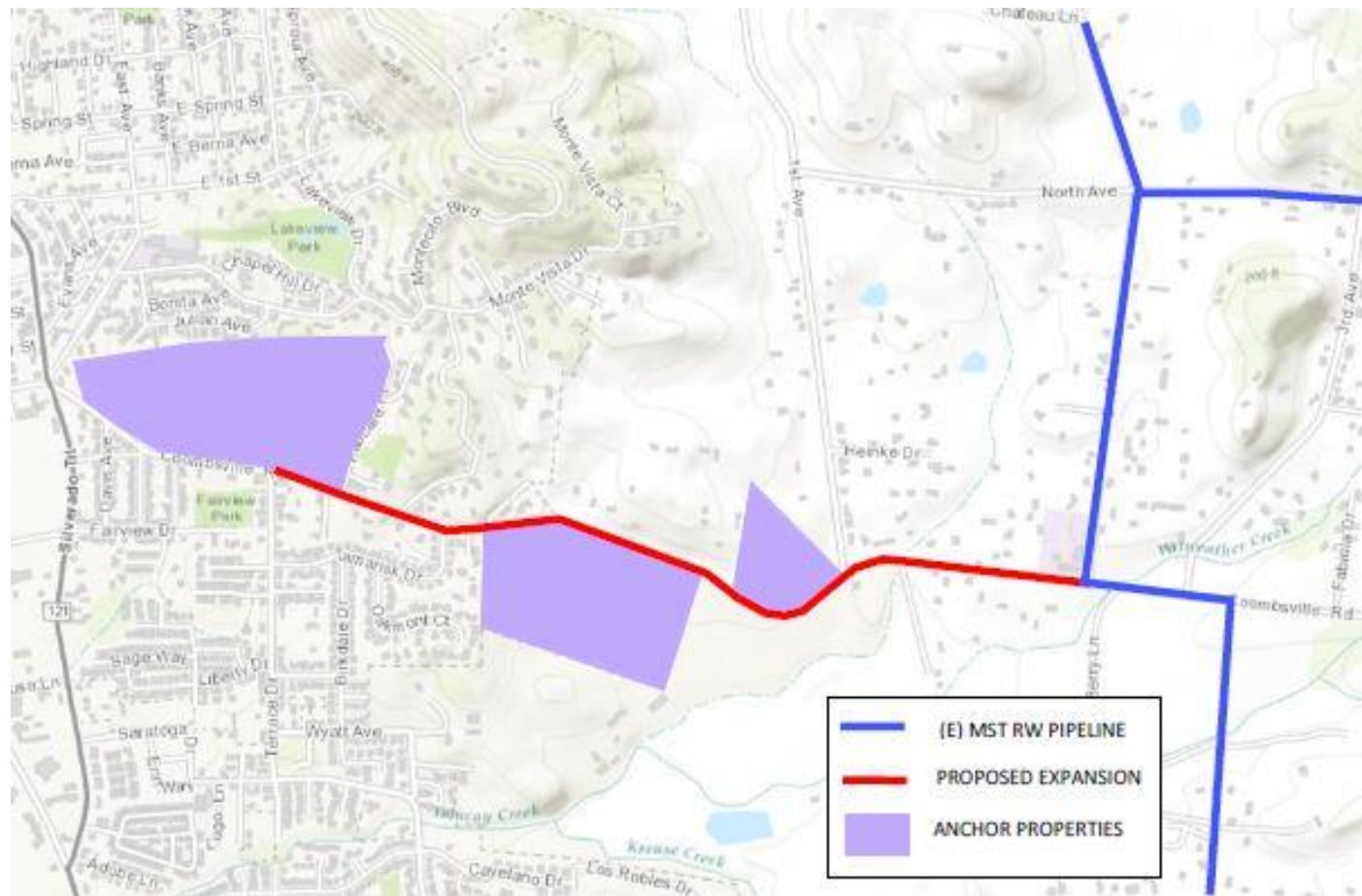
# Background

- Initial MST Project completed in 2016
  - 5 miles of distribution pipeline
  - Booster Pump Station
  - 52 participating properties
- Expandable 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 – Fusible PVC Pipe
- (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
  - Project constraints require work during summer breaks
- Rock Excavation
- Bore and Jack creek crossing
- Public Impacts – Traffic & Residents
  - To be mitigated with outreach

# Bid Results

Bidder	Amount
TerraCon Constructors	\$2,285,815
JMB Construction	\$2,676,400
Ranger Pipelines	\$2,839,790
<b>Engineer's Estimate</b>	<b>\$3,065,000</b>
Cratus	\$3,069,720
Ghilotti Construction	\$3,348,830
Team Ghilotti	\$3,468,155
KJ Woods Construction	\$3,638,000
Sierra Mountain Constructors	\$3,392,000



# Anticipated Project Costs

Item	Amount
Engineering Design	\$332,013
Environmental Permitting	\$44,228
Construction	\$2,285,815
Construction Management & Inspection	\$417,203
Engineering Services During Construction	\$136,404
Environmental Services During Construction	<u>\$19,901</u>
<b>TOTAL =</b>	<b>\$3,235,564*</b>

\*NapaSan staff costs for project administration are included in reimbursement agreement with County of Napa

# Project Funding

- \$3.3M Total Project Cost
  - \$2.3M Construction
  - \$1M Soft Costs (design, environmental, CM, NapaSan staff time)
- \$825,000 WaterSMART Grant (Federal)
  - 25% of total project cost
  - 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
  - Approve Reimbursement Agreement with County of Napa
  - Award Construction Contract & Consultant Task Orders
  - Community Outreach to properties along alignment
  - Notice to Proceed
- Construction Period: May – September 2017



# Project Team

- Construction Contractor: TerraCon Constructors
- Engineering Design: Carollo Engineers
- CM & Inspection: Consolidated CM
- Environmental Services: ESA Environmental
- County of Napa & NapaSan Staff
- Property Owners



# Staff Recommendations: Construction Contract

- Award the project to TerraCon Constructors, Inc. for the bid amount, when appropriate;
- Authorize General Manager to execute Agreement and issue Notice to Proceed, when appropriate.



# Staff Recommendations: Consultant Task Orders

- Award CM & Inspection Task Order to Consolidated CM;
- Award Engineering Services During Construction Task Order to Carollo Engineers.



# Questions?