



2018 Treatment Plant Improvement Project (CIP 18736)

Napa Sanitation District
Board of Directors Meeting
June 19, 2019



Project Scope

1. 12kV ground fault protection system
2. 3W valve installations and 3W pump VFD installation
3. Operations building HVAC renovation
4. Primary influent pipe replacement
5. Secondary pump station VFD installation
6. Pond 4 pump station discharge header replacement
7. Operations building electrical improvements
8. Hypochlorite mix box repairs

1. 12kV ground fault protection system



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3. Operations building HVAC renovation



4. Primary influent pipe replacement



4. Primary influent pipe replacement



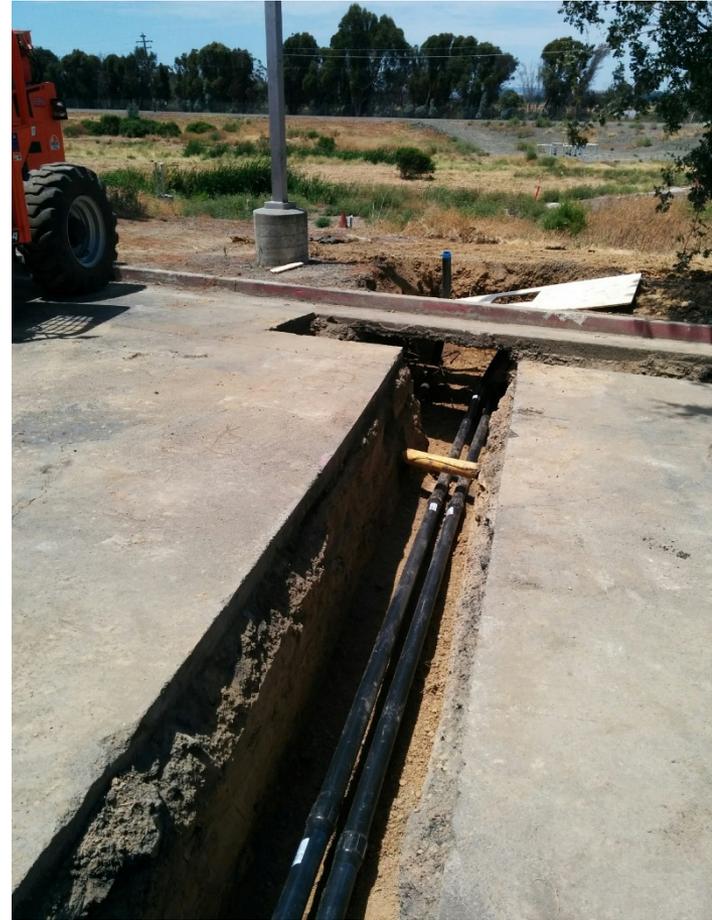
5. Secondary pump station VFD installation



6. Pond 4 pump station discharge header replacement



7. Operations building electrical improvements



8. Hypochlorite mix box repairs





Project Benefits

- Reduced probability of failure
- Rehabilitate/replace treatment plant assets
- Improved safety and reliability
- Improved maintenance capabilities



Construction Cost

- Contractor: Gateway Pacific Contractors
- Engineer's Estimate \$2,500,000
- Bid Amount \$2,498,920
- Change Orders \$165,805 (6.6%)
- Final Contract Amount \$2,664,725

Reasons for change orders:

- Unexpected site conditions
- Added scope to the project



Questions?

Recommendation

- Adopt Resolution accepting completion and authorize General Manager to file Notice of Completion with the County Recorder