CONTRACT AWARD – LLANO TRUNK LINING – W COLLEGE UTILITIES FACILITY

Board of Public Utilities
Special Board Meeting:
May 23, 2019

Tracy Duenas, Supervising Engineer
Transportation and Public Works

TODAY'S PRESENTATION

- Project Background
  - Project Description/Need
  - Original Contract
- Current Contract
- Recommendation

Project Background

Previous assessment/Need for project

Project Background

Original Contract

- Advertised April 17, 2019
  - 2 Phases
  - Cost and impacts of bypass pumping
- Publicly cancelled: May 2, 2019

Project Background

CIPP operations - < 48” Dia.

Project Background

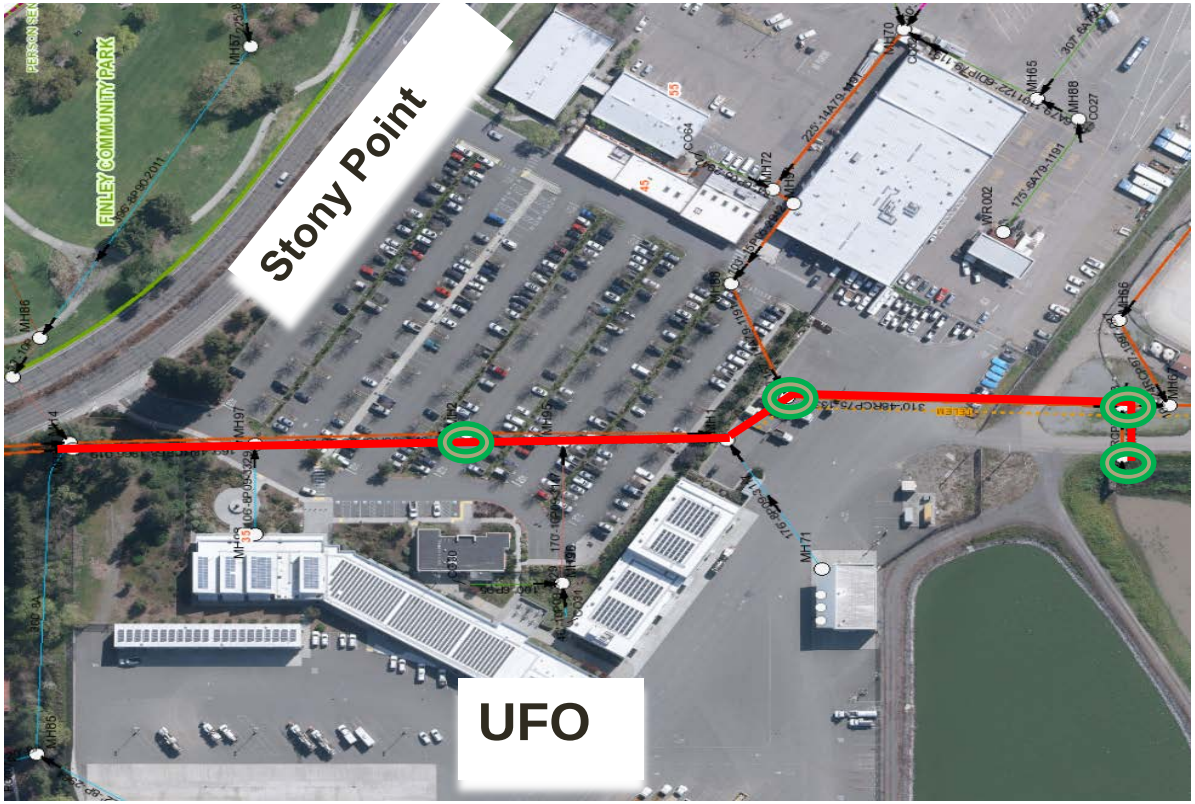
CIPP operations - > 48” Dia.

Project Background

Bypass pumping – varying scale

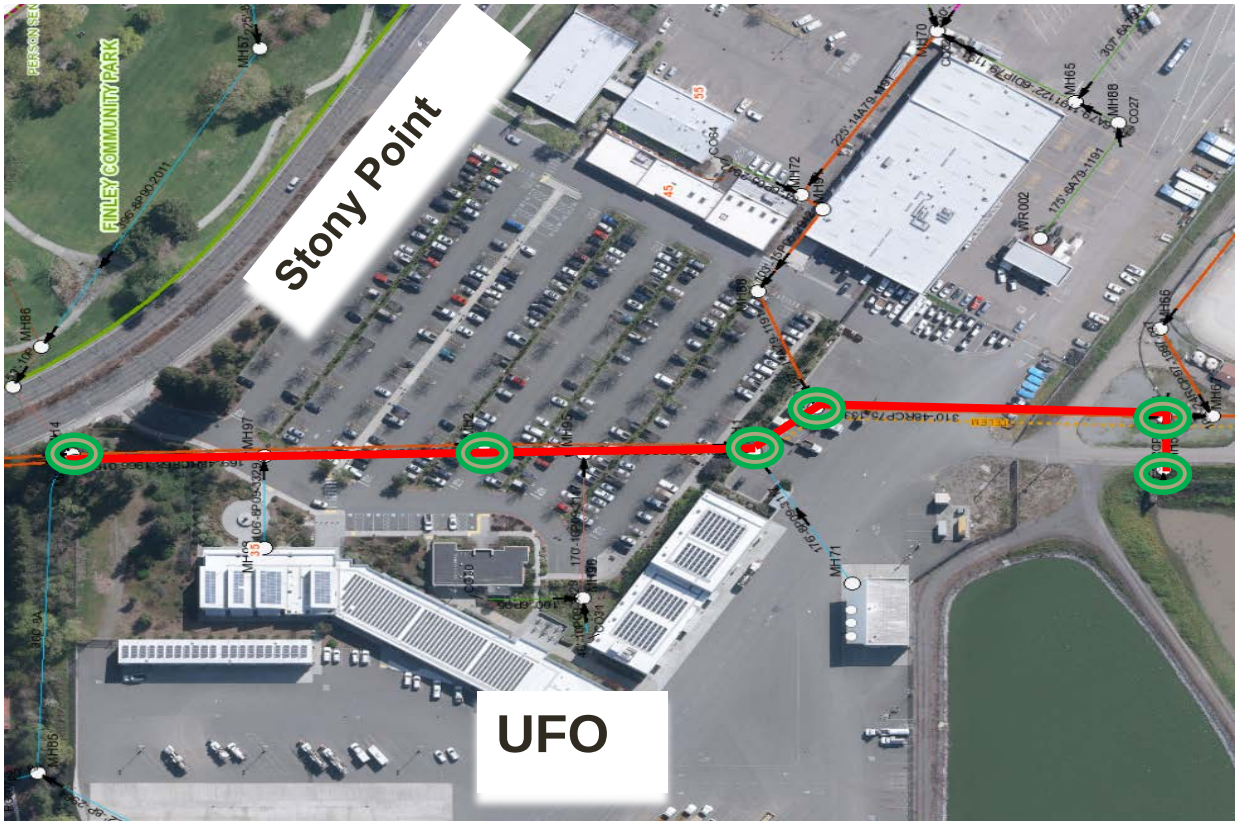
Current Contract

- 60 LF – 36” cured-in-place pipe (CIPP)
- 1,000 LF – 48” CIPP
  - 600 LF – assessment/heavy cleaning work
- 4 SSMH – epoxy spray lining



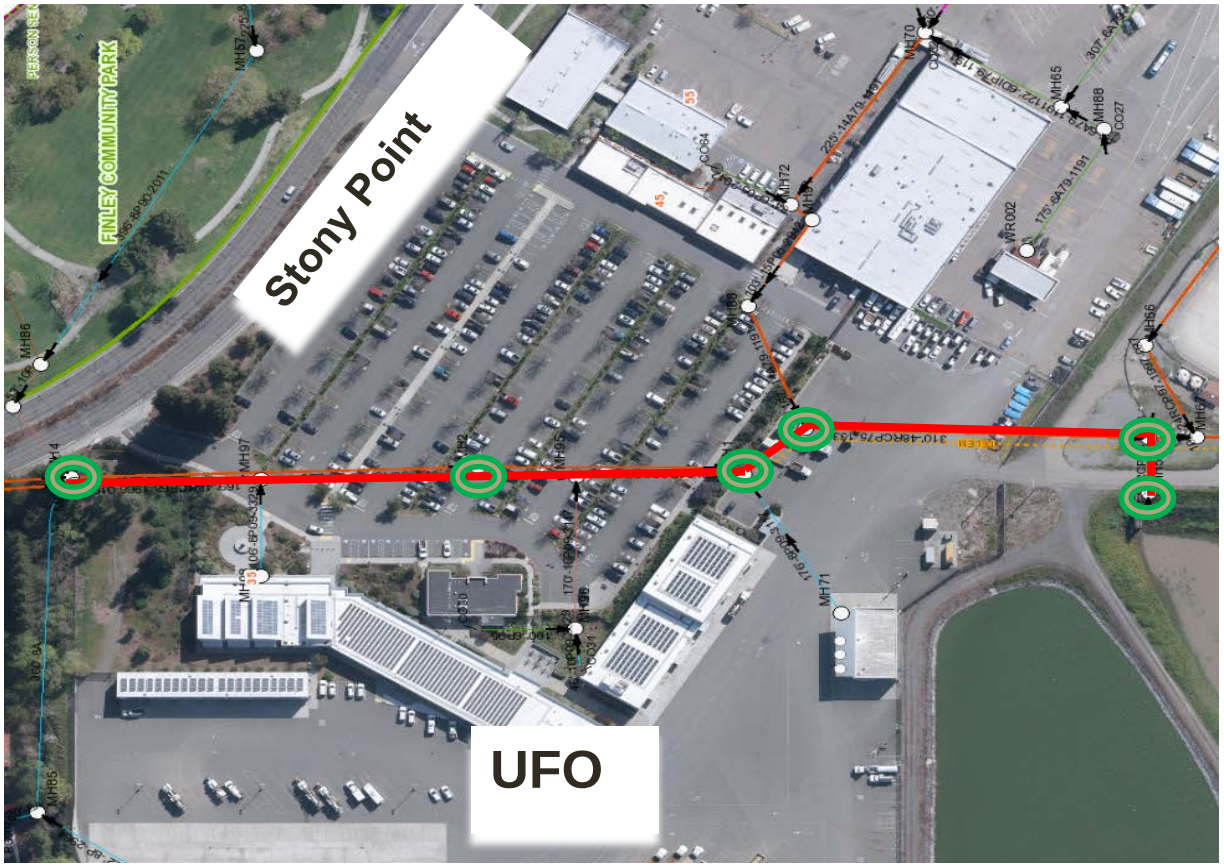
Current Contract

- 2 SSMH – semi-structural spray lining
- 10.5 MGD bypassing
- Completion: Oct 2019



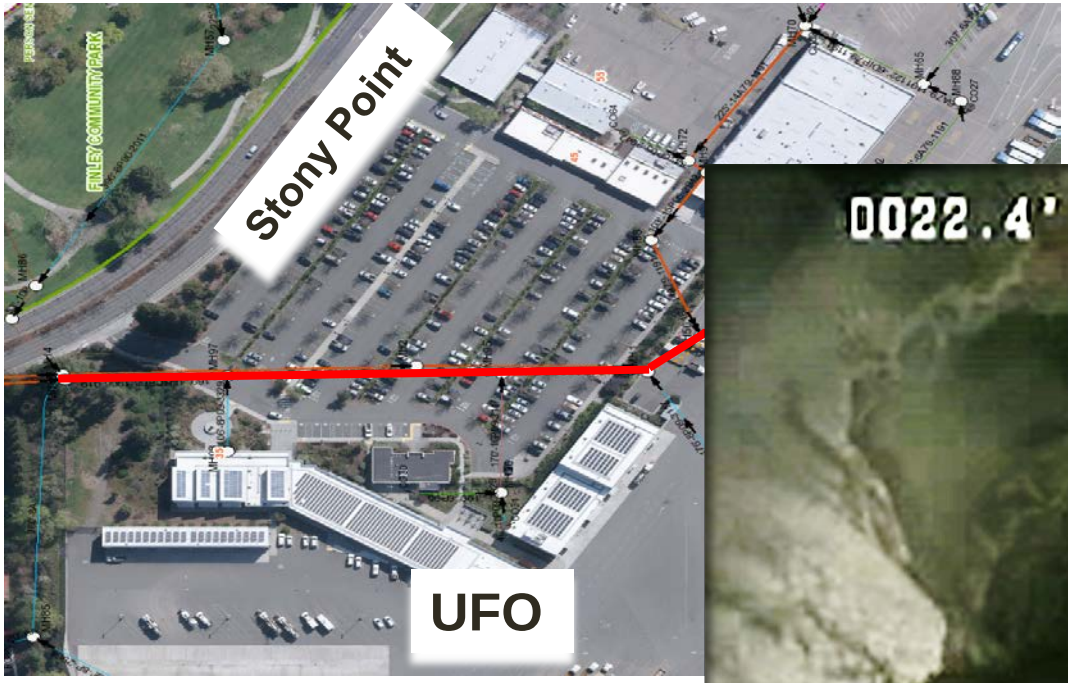
Current Contract

- Advertised May 6, 2019
- One bid received May 21, 2019
- 33.85% over Engineer Estimate



Current Contract

- Bid Item #23-24 (60% of overage)
- Bid Item #25



Current Contract

- Busy bidding climate
  - Impacted work schedules
  - Capacity impacts
- Condition assessment on a section of trunk main
  - Not typical
  - Rehabilitation method will not be confirmed until assessment complete
- Need to proceed with work
  - Failing existing lining prevents standard assessment
  - Increases risk of potential failures
  - Completing this summer will eliminate uncertainty and allow for repair

RECOMMENDATION

It is recommended by the Transportation and Public Works Department and the Water Department that the Board of Public Utilities, by motion, approve the project and award Construction Contract No. C02042 in the amount of $2,275,963.00 to the lowest responsive bidder, SAK Construction, LLC, of O'Fallon, Missouri, for Llano Trunk Lining – W College Utilities Facility, approve a 10% contingency, and authorize a total contract amount of $2,503,559.30.