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Naval Facilities Engineering Systems Command
Hawaii

Request Easement for Halawa Waterline Replacement at Intersection of Salt Lake Blvd and Bougainville Drive

21 November 2024

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PIT

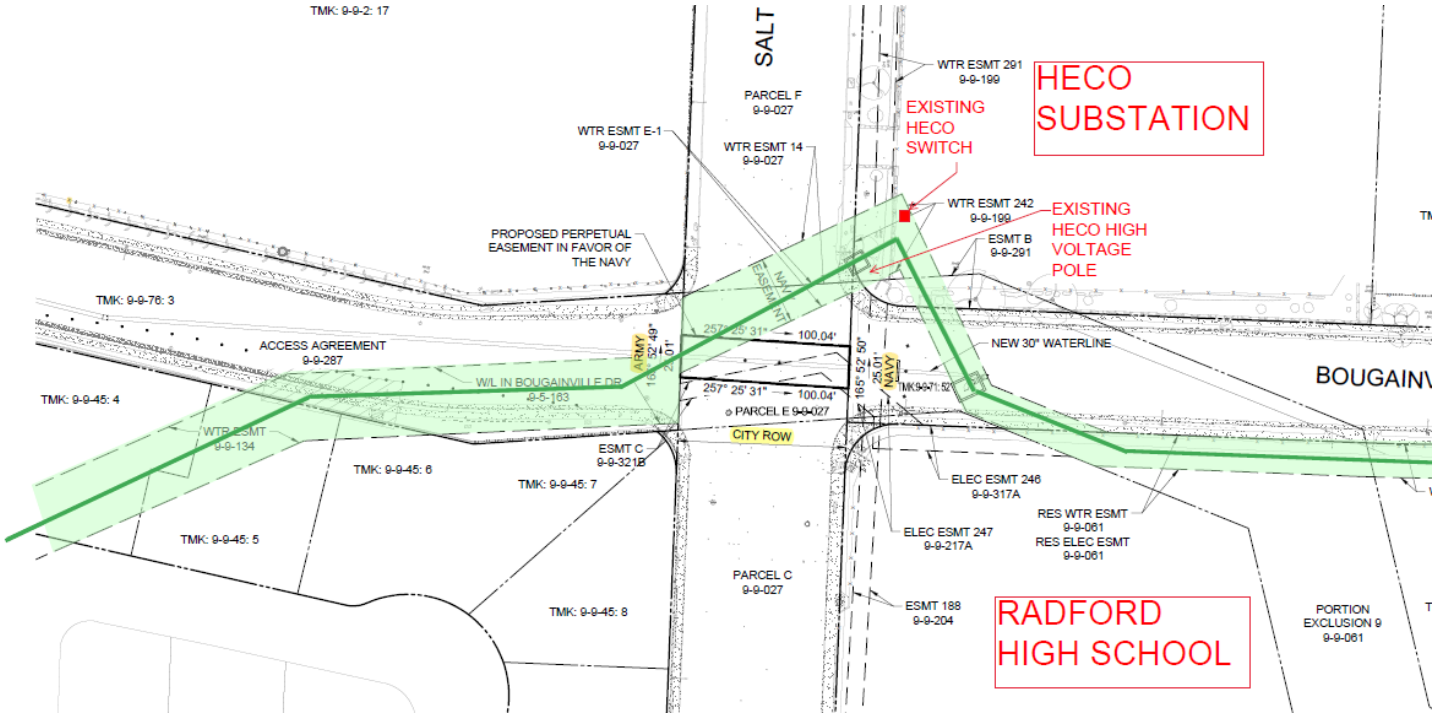
NAVFAC Naval Facilities Engineering Systems Command

Background: Existing Waterline needs to be Replaced

- Existing 65+ year old waterline is at the end of its design life and is extremely deteriorated.
- Waterline cannot be maintained regularly because the path of the line currently runs through easements throughout Foster Village.
- If the waterline is not replaced, further deterioration may result in breakage and loss of potable water.

Existing Easement

- The current waterline alignment crosses Salt Lake Boulevard through an existing easement.
- To utilize the existing easement, new waterline would be constructed parallel to the existing waterline to maintain service of the existing line.
- On the east side of the existing waterline, an above grade HECO switch is situated in the path of the potential new waterline alignment.
- On the west side of the existing waterline, there is minimal space within the easement and an existing HECO high voltage power pole in the path of the potential new alignment.
- To avoid disruption of HECO services and significant cost and schedule impacts for relocation of HECO equipment, decision was made to obtain a new easement.



New Waterline Alignment and New Easement

- The new waterline will cross Salt Lake Boulevard through a new easement.
- The construction of the waterline will be via trenchless methods. Launch pits and receiving pits will be installed at either side of Salt Lake Boulevard, and the waterline will be pulled across Salt Lake Boulevard at depths below all existing utilities. Existing pavement within City and County ROW will not be disturbed.
- Once the waterline is installed, the pits will be filled in and paved over.

