

An aerial photograph of a coastal area. On the left, the dark blue ocean meets a sandy beach with white surf. To the right of the beach is a residential neighborhood with houses and streets, outlined in a bright cyan color. Further inland, there are green fields, a road, and more buildings. The overall scene is a mix of natural and developed land.

CARMEL MEADOWS GRAVITY SEWER

A PLAN FOR REPLACEMENT

REASON FOR THE PROJECT

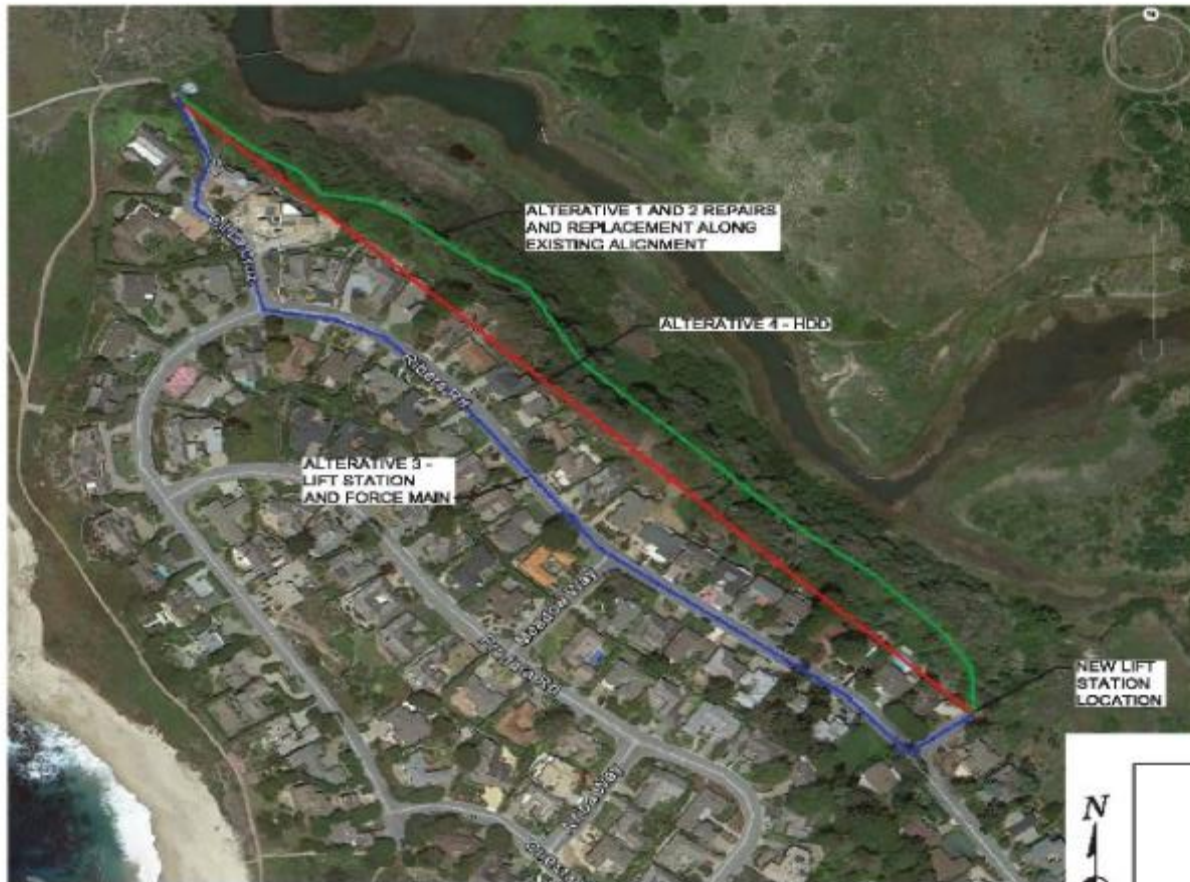
- Trunk sewer that serves most of the Carmel Meadows neighborhood
- 6" diameter
- 67 year old ductile iron
- Above-ground section is corroding on the exterior and interior
- Several of the stilt supports are corroding
- Tree roots have grown around the pipe
- Associated manholes are also deteriorated
- District's number one repeat SSO offender
- Hard to reach access for maintenance



SUMMARY OF PAST EVALUATIONS

- First evaluated in 2003 by HDR Engineering
- Technical memorandum in 2013 by Kennedy/Jenks Consultants
- Feasibility study in 2019 by SRT Consultants

PAST ANALYSIS OF ALTERNATIVES



Kennedy/Jenks Consultants
CARMEL AREA WASTEWATER DISTRICT
CARMEL MEADOWS GRAVITY SEWER

ALTERNATIVE ALIGNMENTS
JULY 2013

(FWY) 1399011\FIG-02

FIGURE 2

REPLACE IN KIND ALTERNATIVE WAS DISQUALIFIED

- Environmentally sensitive
- Riparian habitat/lagoon is currently at the base of pipeline supports
- Cal-Trans Mitigation Bank Property
- Potential State Park's opposition
- Unstable hillside
- Imminent flood damage to pipeline supports once Carmel River Free Project is completed

PROPOSED ALTERNATIVE



PROJECT BENEFITS AND DRAWBACK

BENEFITS:

- Improved maintenance access
- No State Park issues
- No Caltrans issues
- No flooding issues
- Reduces environmental impacts

DRAWBACK:

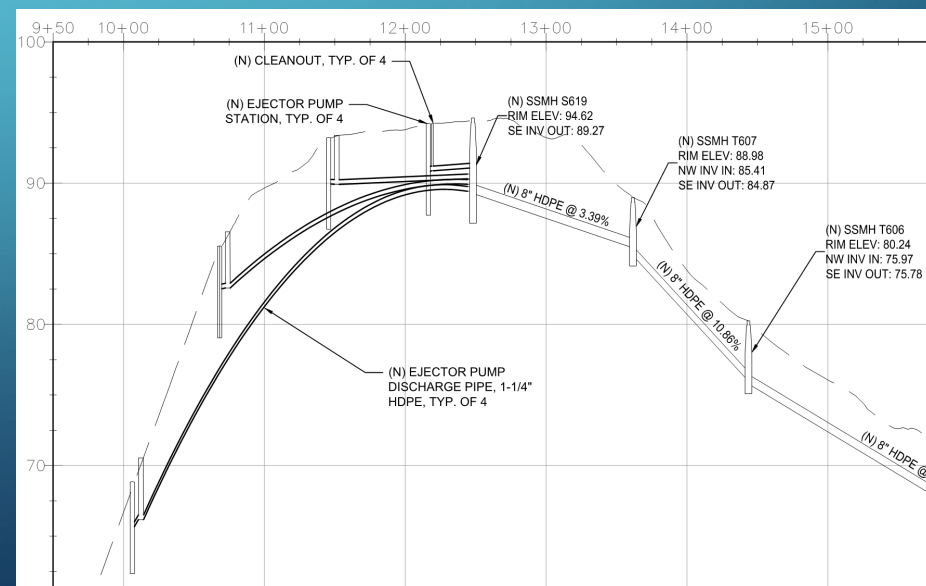
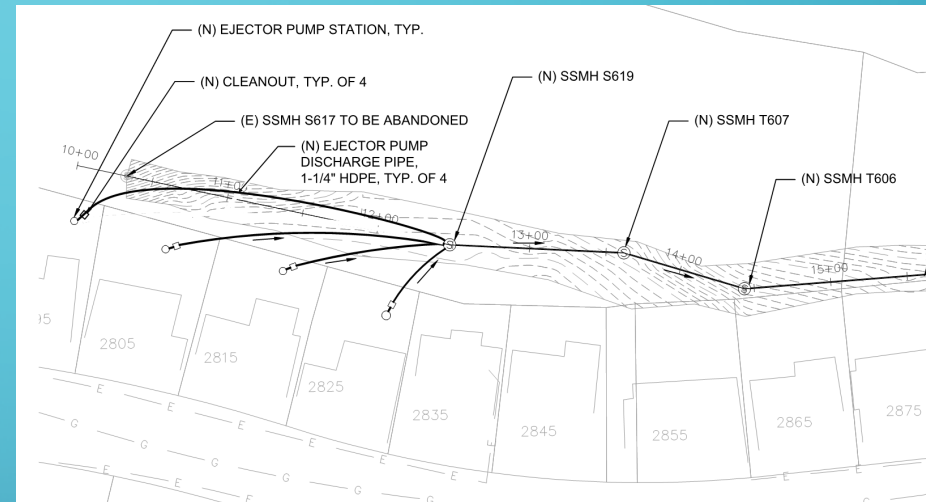
- Need for 4 ejector pump stations

PROPOSED EJECTOR PUMP STATION LOCATIONS

Due to the abandonment of the existing trunk line, 4 homes on Ribera Road can not flow by gravity.

- Homes affected:

- 2795 Ribera Road
- 2805 Ribera Road
- 2815 Ribera Road
- 2825 Ribera Road



PROPOSED PRIVATE LATERAL CONVERSION

- New ejector pump stations and 1-1/4-inch pump discharge lines for each home will be needed.
- District will furnish the 4 ejector stations and the homeowners will own them.
- It is recommended that the District maintain them until the property is sold or 20 years whichever comes first.
- The new owner will assume maintenance at that time.

NEXT STEPS

- Complete detailed design
- Public outreach to all of the homeowners and neighbors who will be impacted by this project
- Initiate circulation of draft Initial Study/Mitigated Negative Declaration (IS/MND)

The image features a blue gradient background with white circuit-like lines in the corners. These lines consist of straight segments and small circles, resembling a network or data flow diagram. The lines are positioned in the top-left, top-right, bottom-left, and bottom-right corners, framing the central text.

QUESTIONS