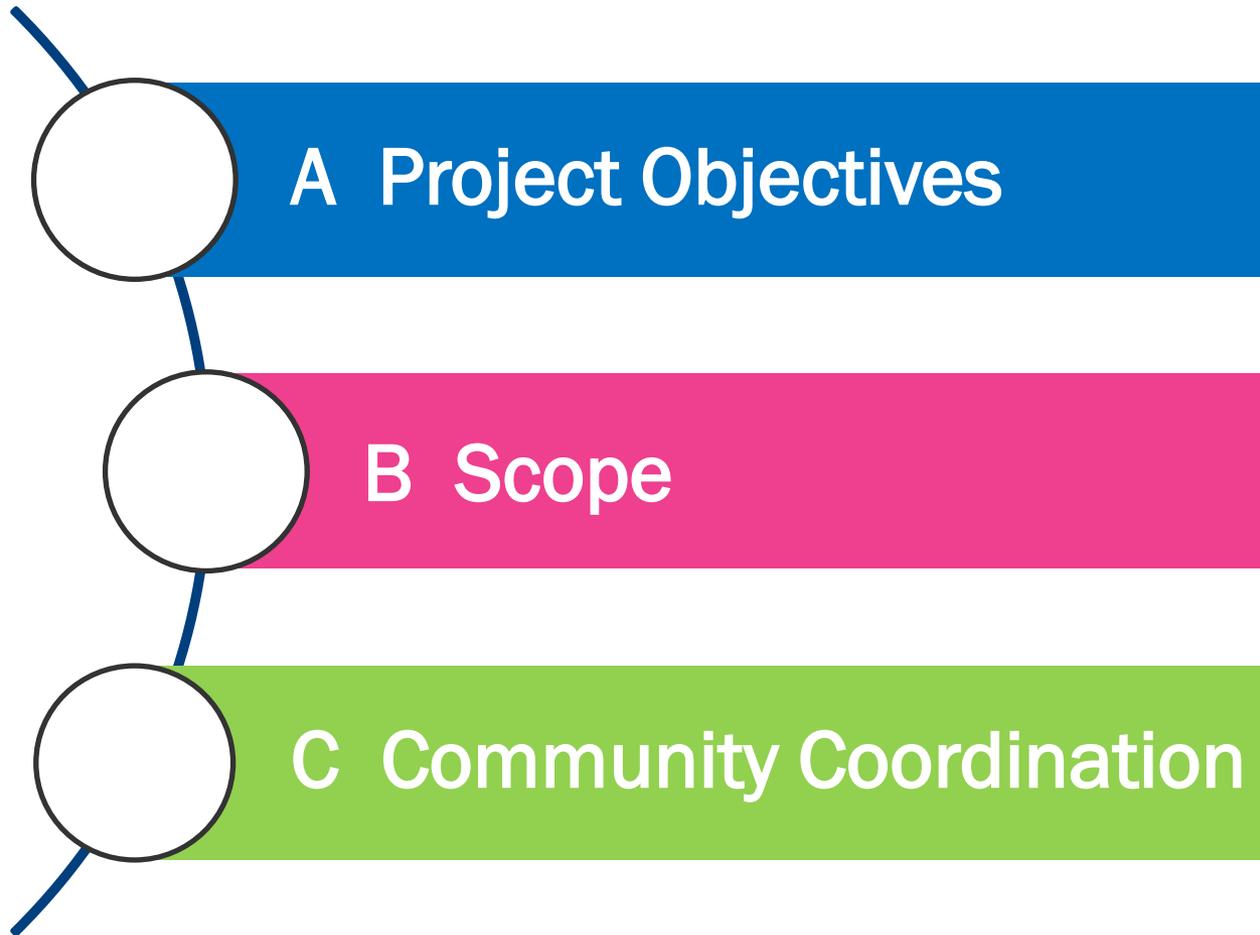




# **Buena Vista Avenue Interceptor Emergency Repairs Community Meeting**

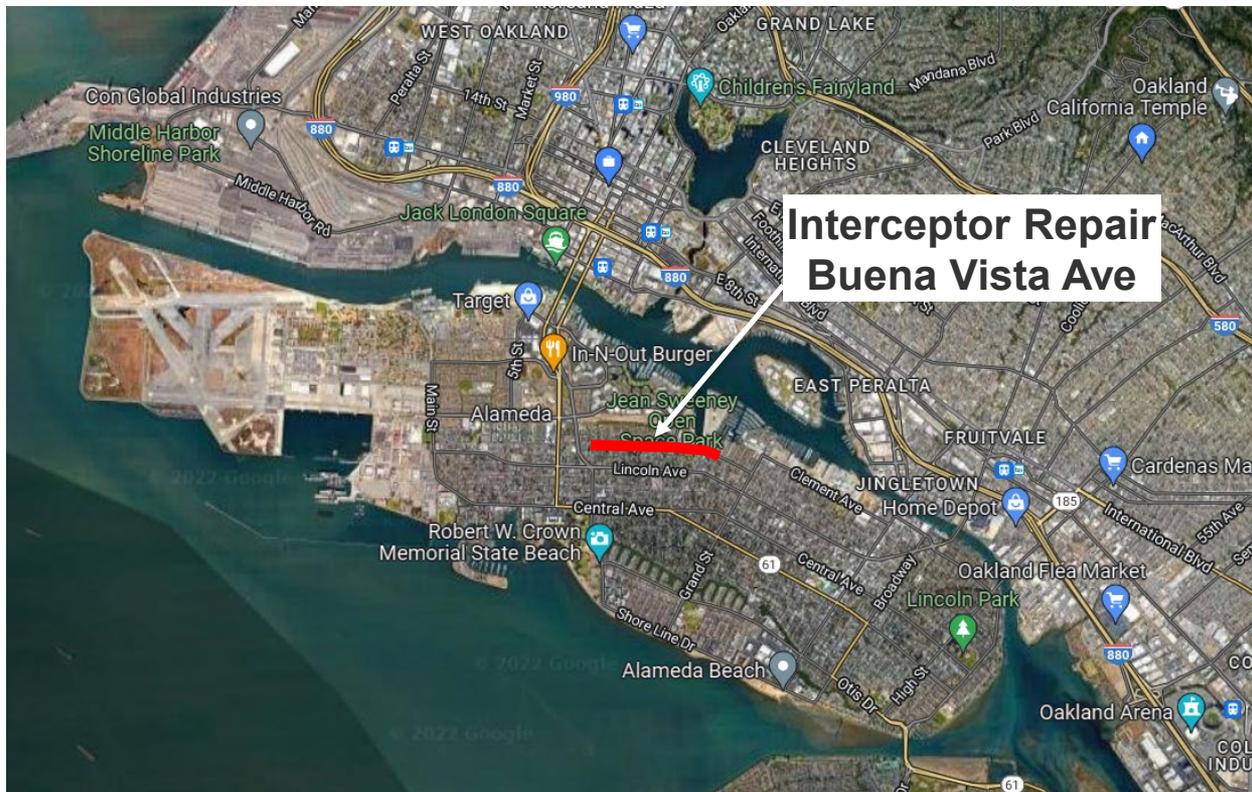
September 22, 2022

# Agenda



# Project Objective

- Emergency repair of Alameda Interceptor sewer pipeline
  - Buena Vista Ave. – between Eighth St. and Ohlone St.
  - Critical level of internal corrosion



# Background



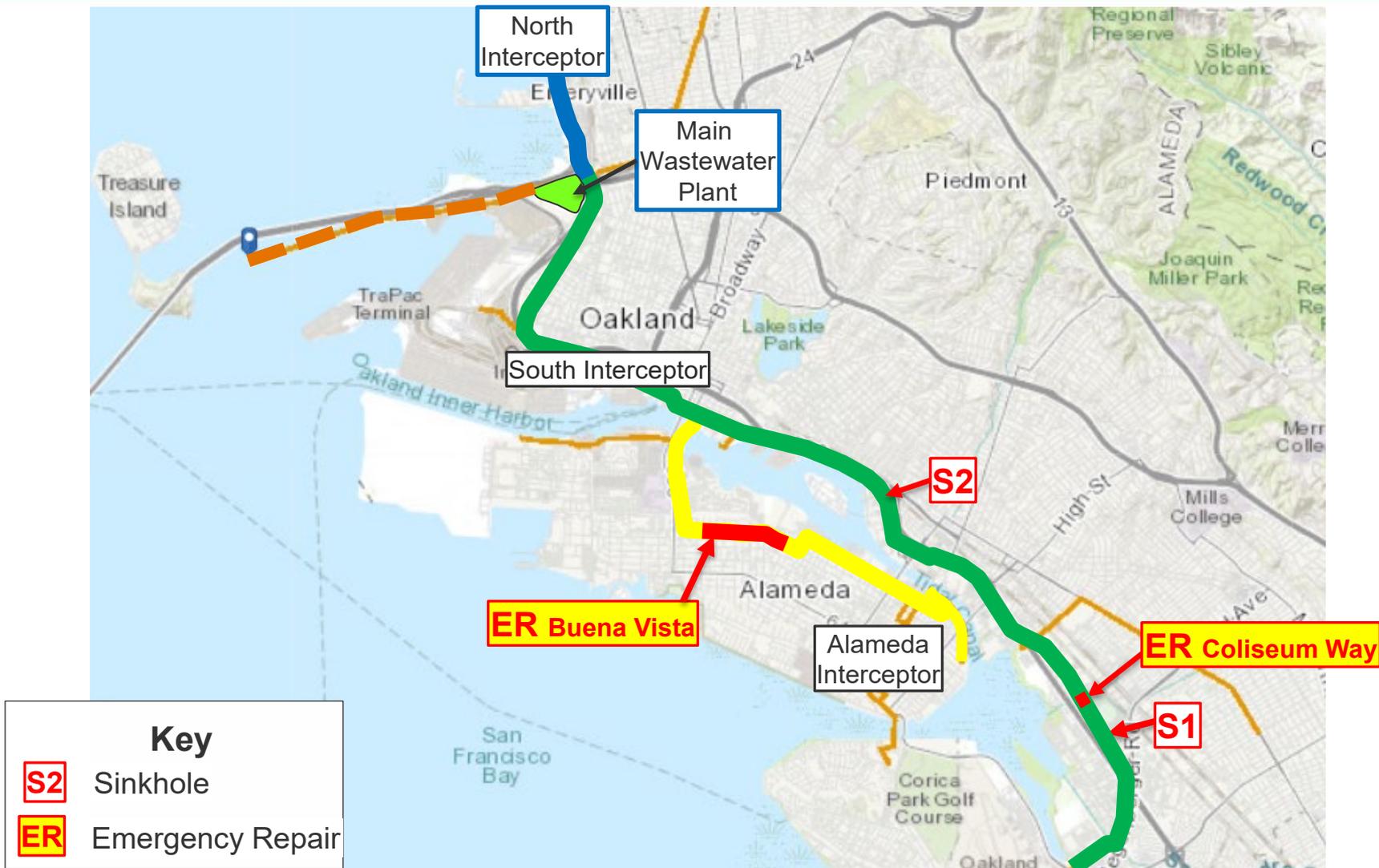
- EBMUD – 29 miles of interceptor pipelines
  - Interceptor – a large diameter sewer pipeline
  - Constructed in 1950s (70 yrs. old)
  - Reinforced concrete pipe
- Corrosion
  - Hydrogen sulfide gas from sewage converts to acid = corrosion
- Monitoring
  - Every 10 years EBMUD inspects interceptors

# Background – cont'd

- Sinkholes
  - 2022 – two sinkholes
  - Corrosion rate appears to be increasing
- Board Declared Emergency
  - Immediate repairs
- Interceptor Assessment
  - Identify areas with severe corrosion
  - Prioritize repair projects
  - Buena Vista Ave. highest priority



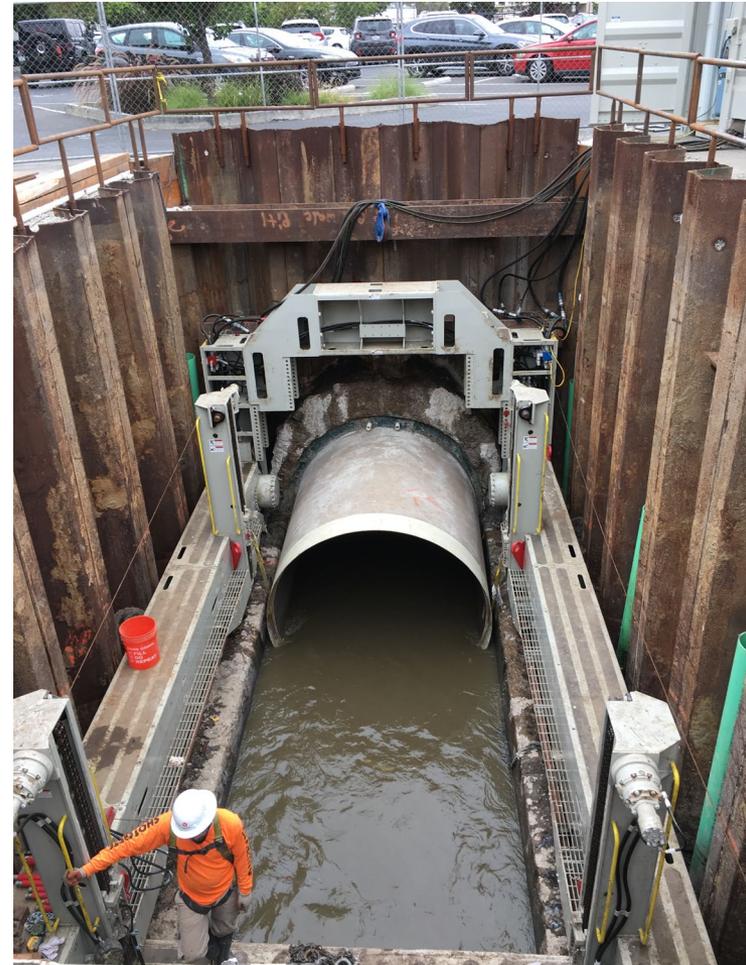
# Interceptor Repair Projects



# Repair – Interceptor Sliplining



- Sliplining
  - Minimizes excavation – use insertion pits to install pipe
  - Fiberglass pipe – corrosion resistant
  - Slip fiberglass pipe inside existing “host” pipe
  - Grout space between fiberglass pipe and host pipe – strong
  - 50 yr. design life

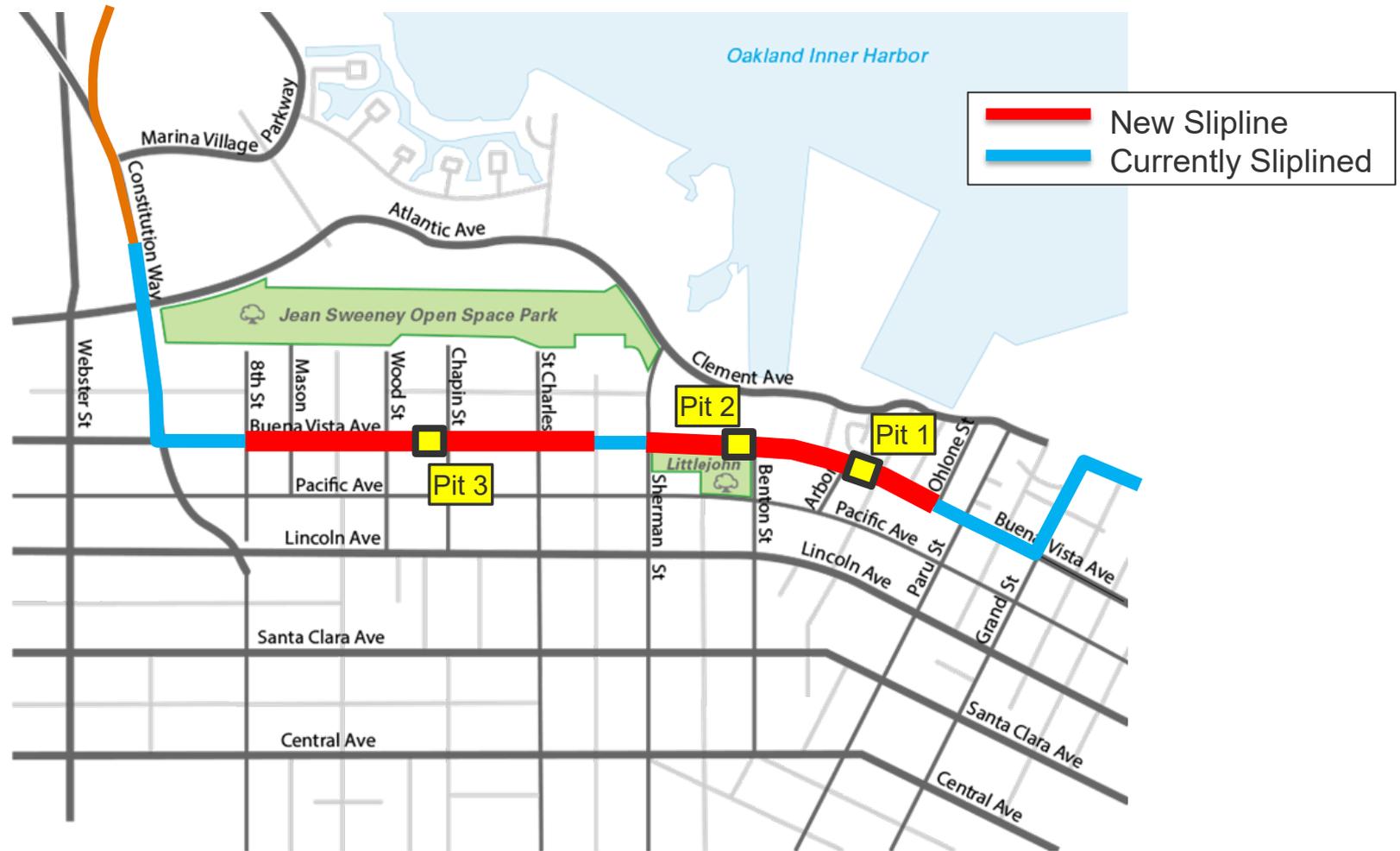


# Sliplining – cont'd

- District has been using sliplining since the 1990s for repair
- Contractor – Mladen Buntich – specializes in sliplining,
  - 2019 EBMUD – large diameter sliplining project in Oakland



# Buena Vista Interceptor



# Schedule



- Current schedule – Oct. '22 to Feb. '23
  - Three sliplining segments – each takes ~2.5 months
  - 10-12 hours per day, some Saturdays; start 7 a.m.
- Possible wet weather delays
- Start depends on PG&E gas main relocation
  - Pit 2 and Pit 3 – can't start until PG&E work is complete
  - District will provide update when PG&E schedule confirmed

# Schedule



September				October					November				December				January					February			
5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	6	13	20	27
Prep. - Pipe, etc.																									

# Buena Vista Ave. - Traffic Control

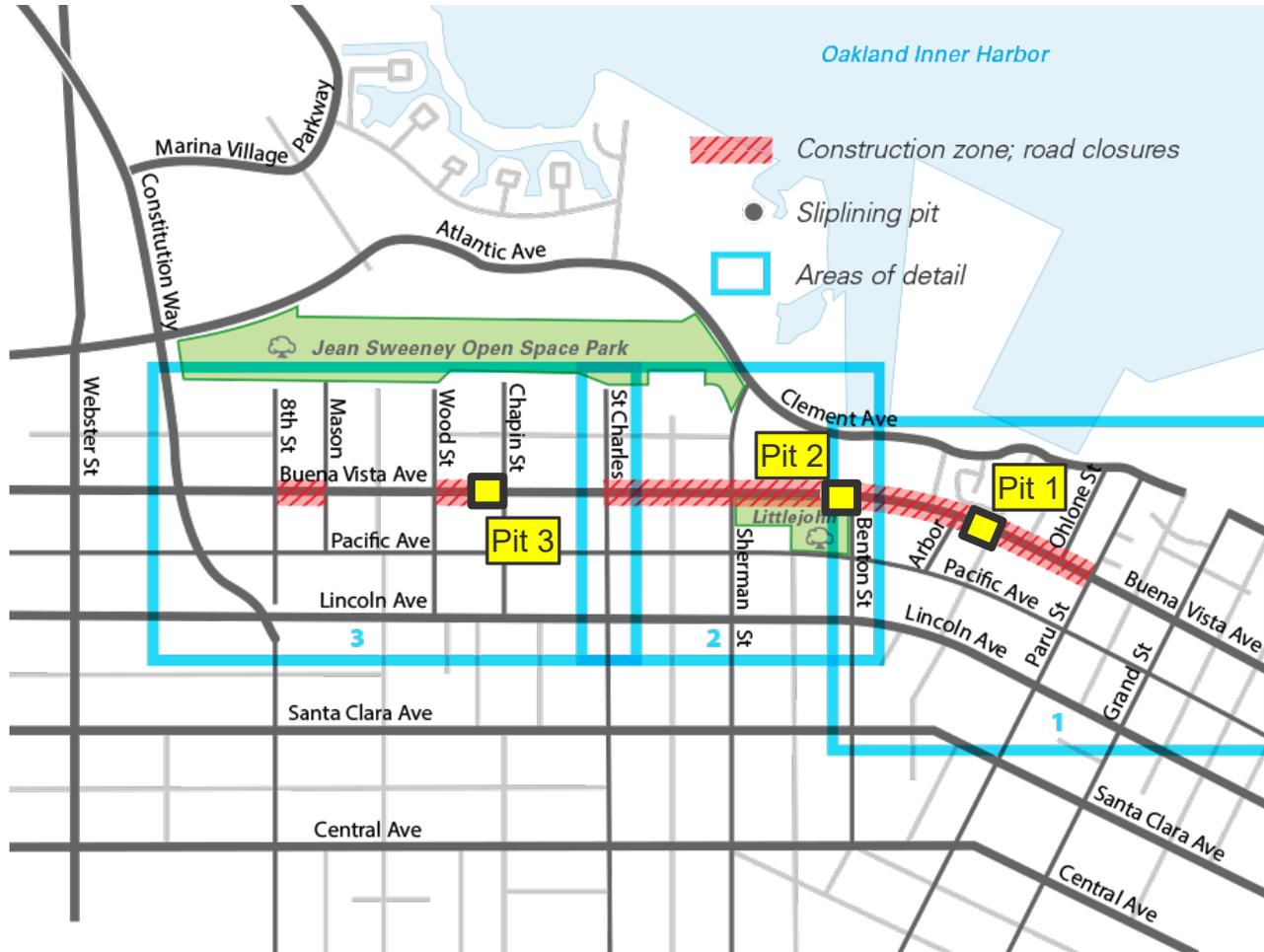


# Traffic Control

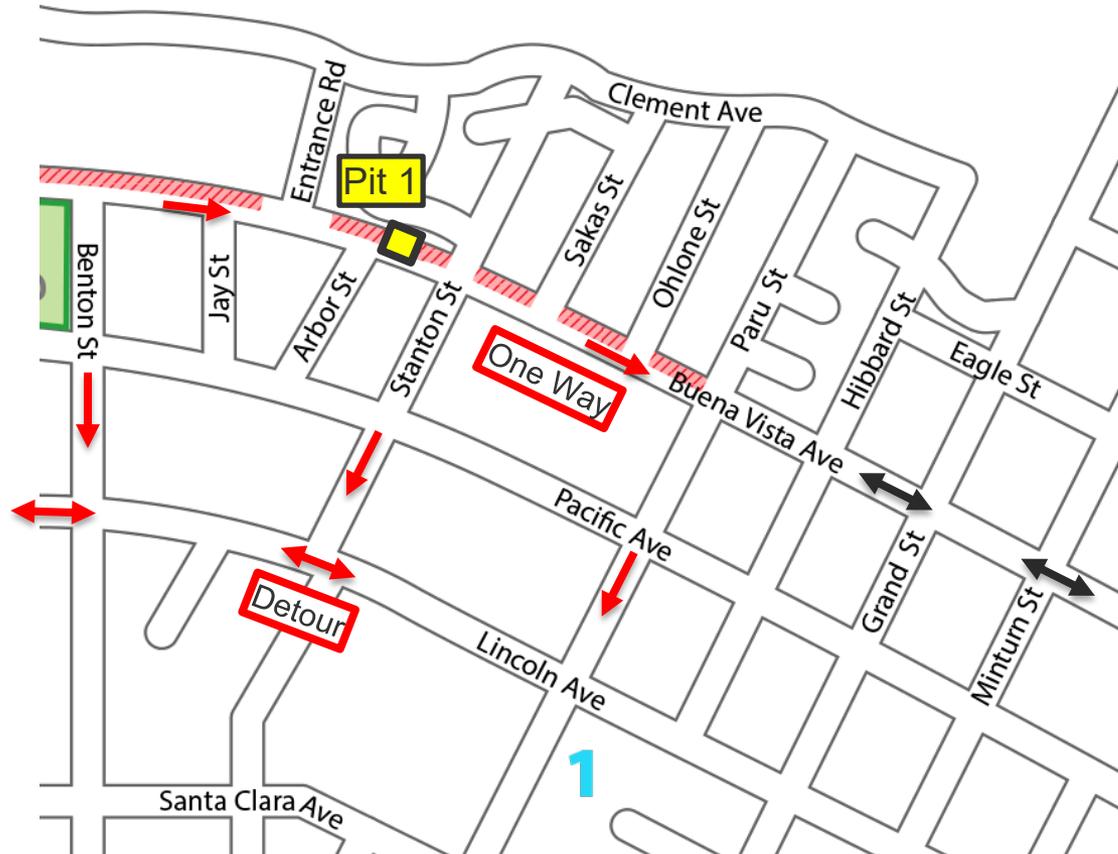
- One way on Buena Vista Avenue - East
- Westbound Traffic – detour to Lincoln Ave.
- No parking on Buena Vista Ave. between Eighth St. and Paru St.
  - Contractor will provide access to driveways
  - Trash day – coordinating w/garbage hauler (ACI)
- Altered truck route
- Altered bus route – AC Transit Route 19
- Detour plan under review by the City



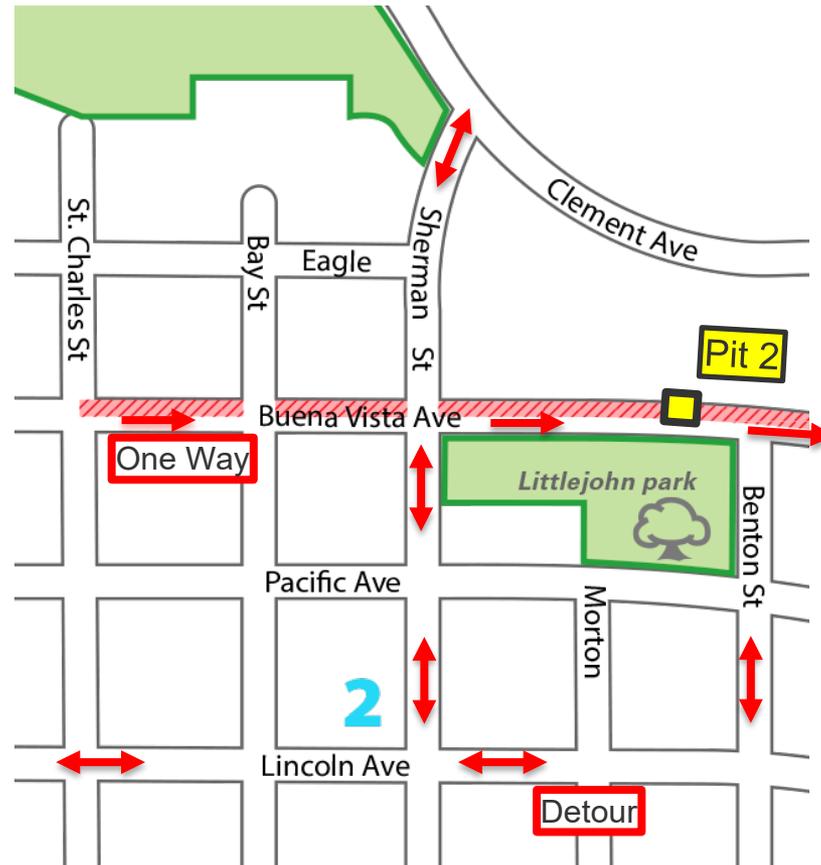
# Buena Vista Ave. – Traffic Control Detail of Three Segments



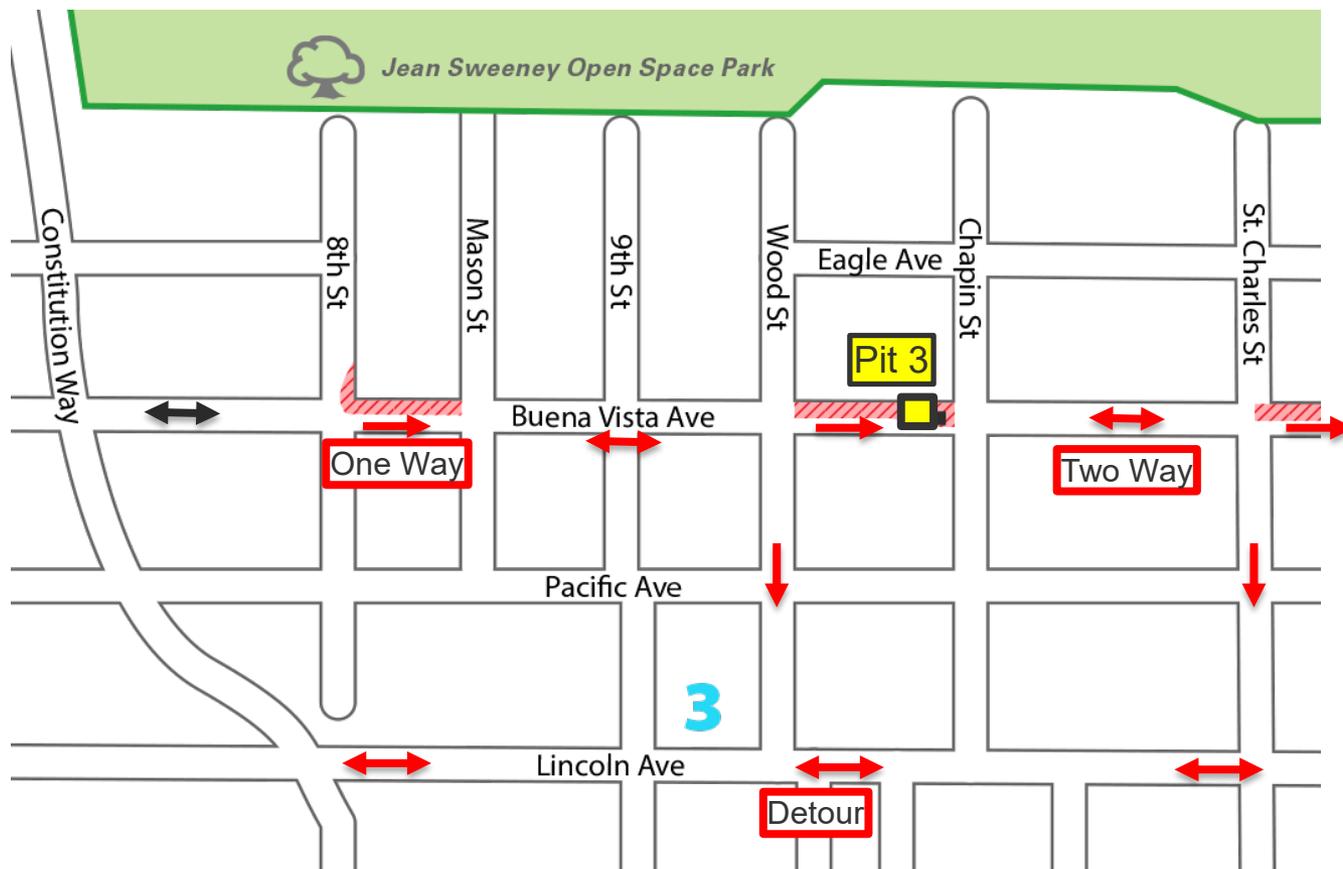
# Traffic Control Sliplining Segment 1



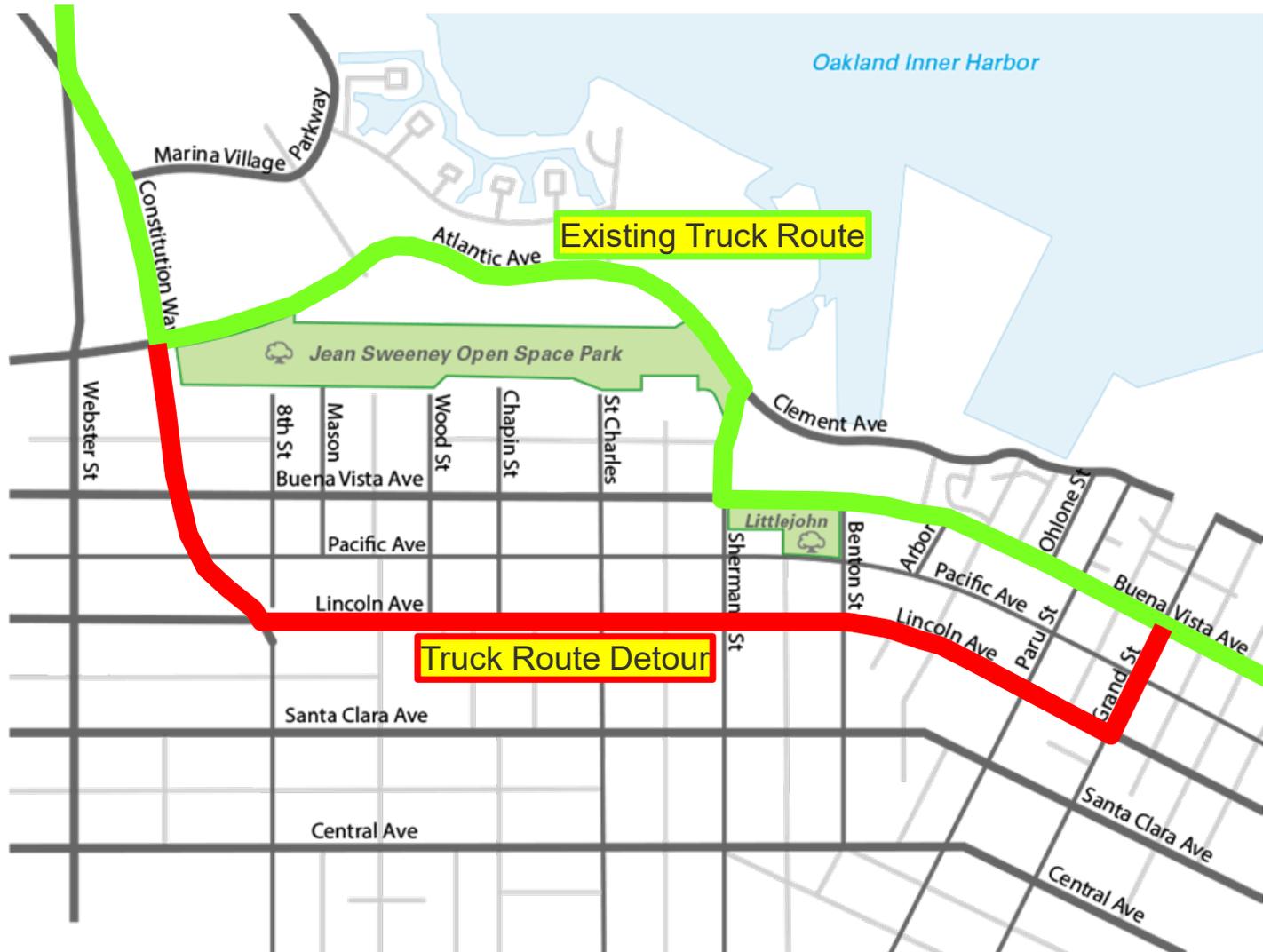
# Traffic Control Sliplining Segment 2



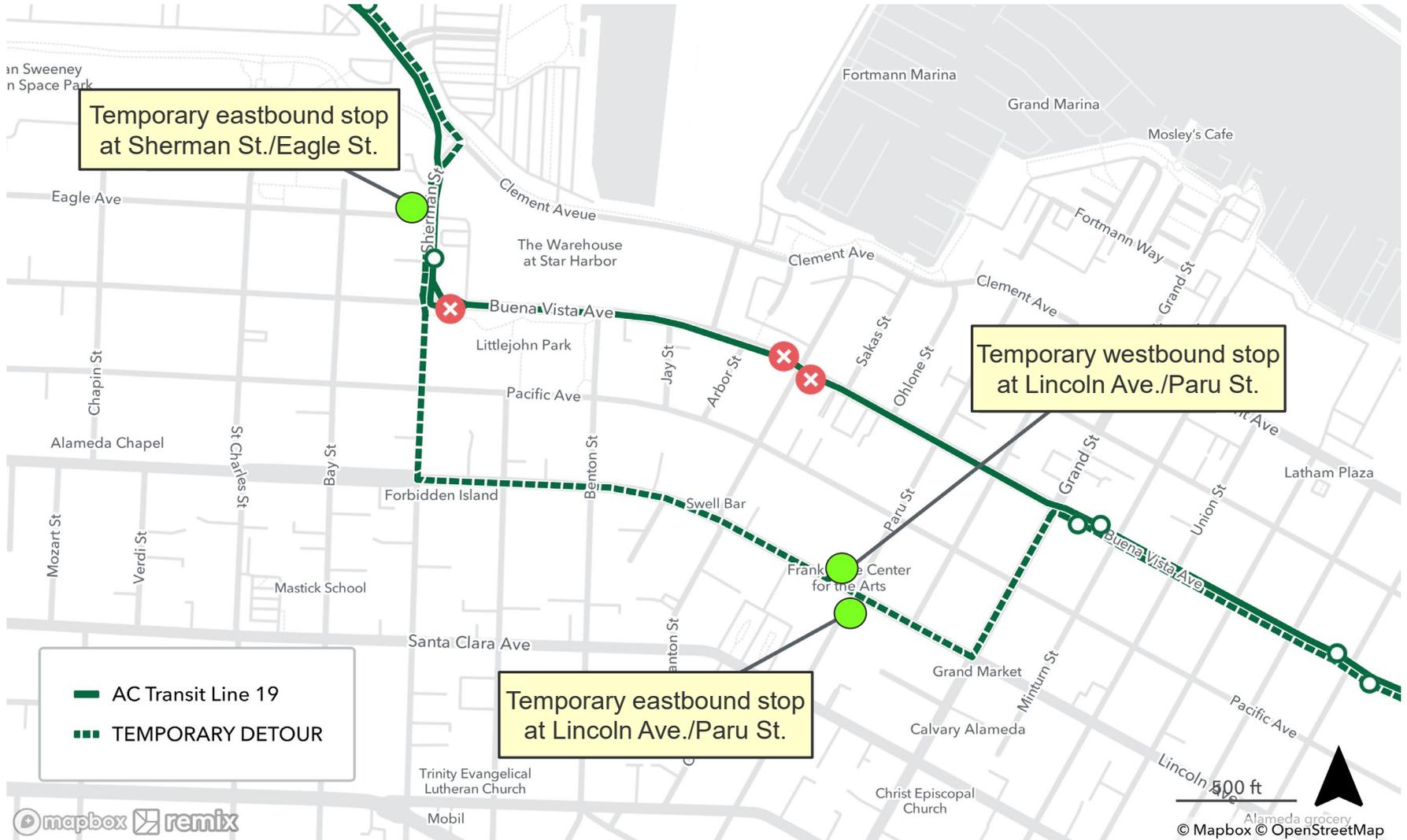
# Traffic Control Sliplining Segment 3



# Truck Route – Detour



# AC Transit – Bus Route 19



# Odor Control

- Sewage odors come from insertion pits and open manholes
- Provisions to reduce odors include:
  - Add chlorine or peroxide solution into the interceptor upstream (reacts w/sulfur compounds)
  - Filter air through carbon scrubbers – fan pulls air from manholes each side of pits
  - Cover pits when not in use – nights and weekends



# Street Restoration – Paving



- Site restoration after interceptor repairs
  - Meet City standards
  - Pave roadways
  - Restore sidewalks, curbs, gutters, etc.
  - Restripe pavement
- Separately – Wood Partners (Del Monte Warehouse) will be paving Buena Vista Ave. in early Oct.



# Contact Info



- District website
  - <https://www.ebmud.com/about-us/construction-and-maintenance/buena-vista-avenue-interceptor-improvements>
- Public Affairs – Mona Favorite-Hill & Joe Voelker
  - [Mona.Favorite-Hill@ebmud.com](mailto:Mona.Favorite-Hill@ebmud.com) (510) 287-0135
  - [Joseph.Voelker@ebmud.com](mailto:Joseph.Voelker@ebmud.com) (510) 287-0140
- Engineering – Brian Dunstan – Project manager
  - [Brian.Dunstan@ebmud.com](mailto:Brian.Dunstan@ebmud.com) (510) 609-5353



Thank you!  
Questions?