



WWTP Upgrade and Expansion Project Proposed Temporary Staging Areas

**Parks and Recreation Commission
June 6, 2018**

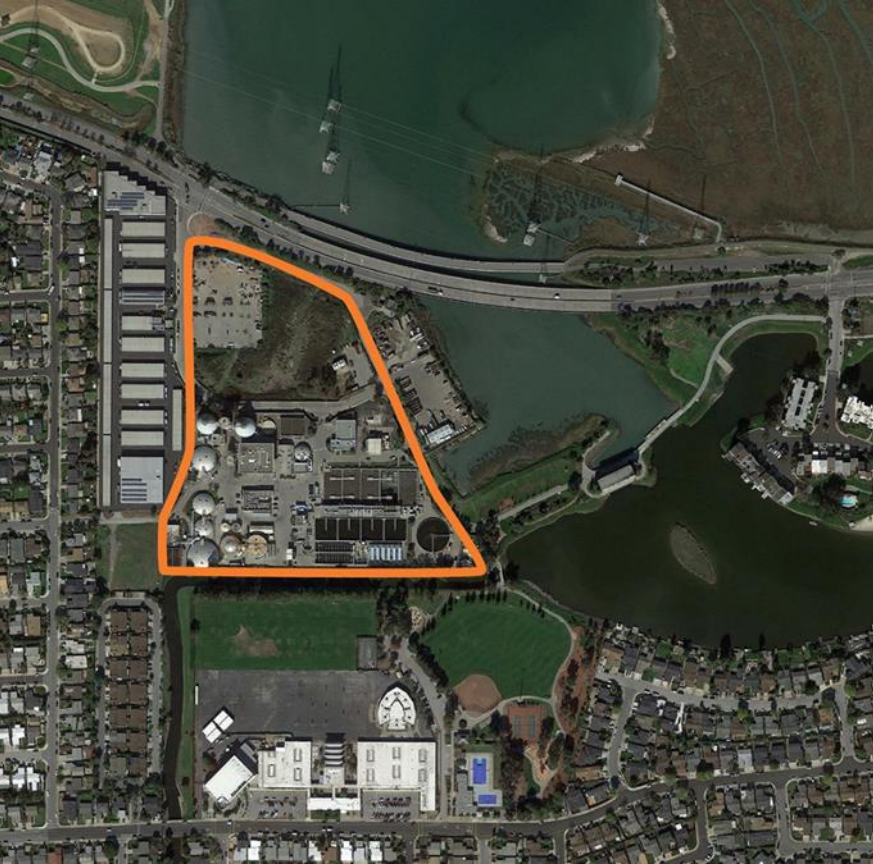


Agenda

- Wastewater Treatment Plant (WWTP) Project Overview
- Proposed Temporary Staging Areas
- Proposed Alternative Routes and Parking
- Temporary Use Schedule
- Informational Signage
- Recommendation

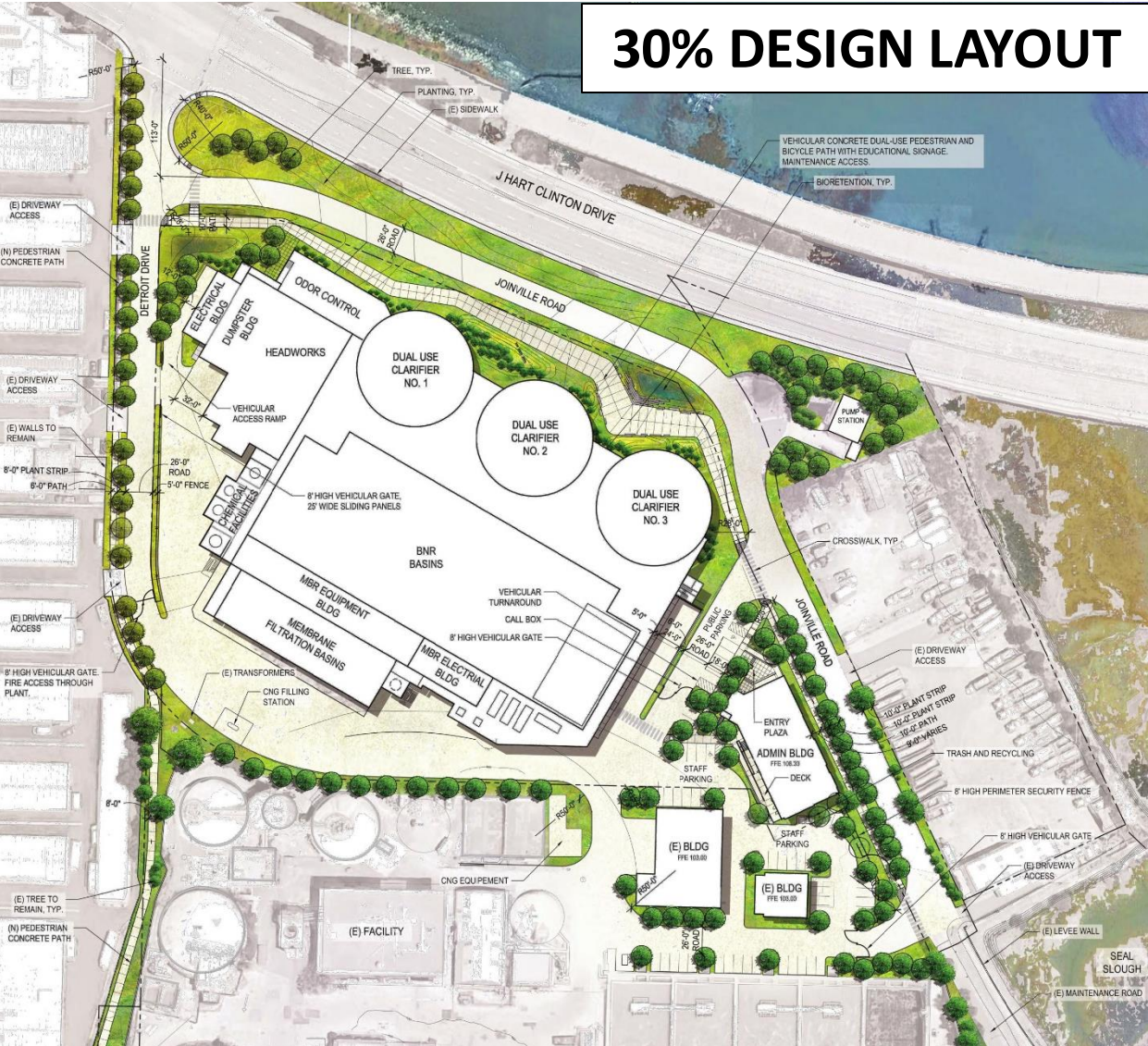


WWTP Site Location

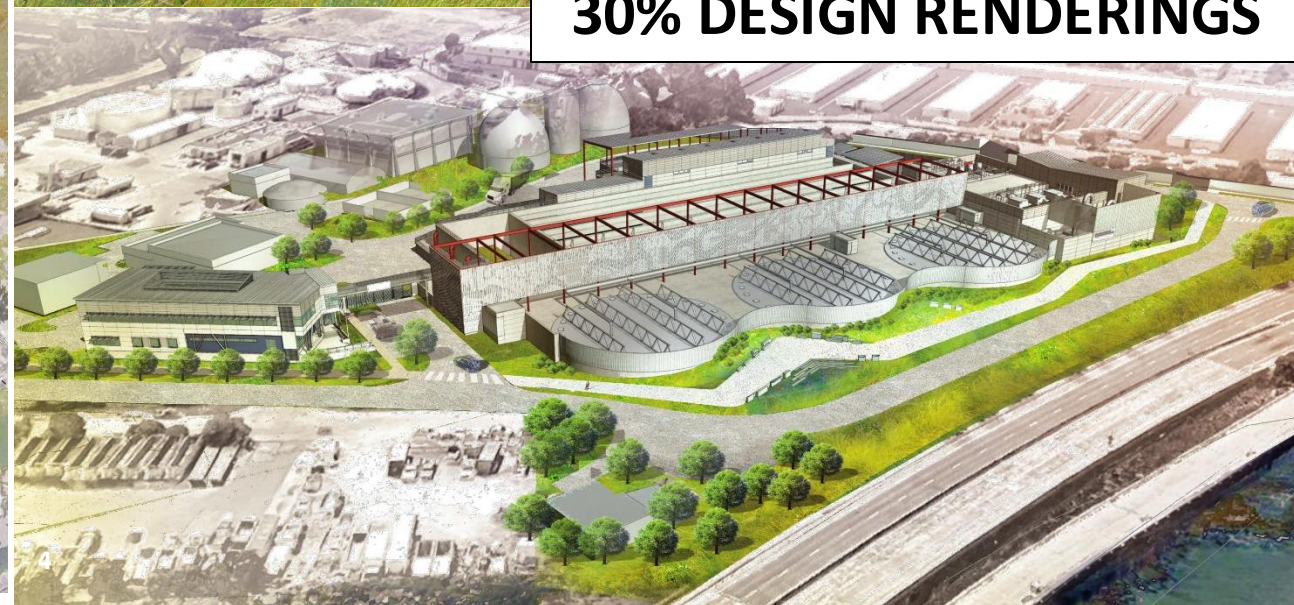


WWTP Upgrade & Expansion Conceptual Renderings

30% DESIGN LAYOUT



30% DESIGN RENDERINGS



Overview of Three Proposed Temporary Staging Areas



Area 1: Dale Ave Undeveloped Open Space



Detroit Drive Permanent Closure Segment

Ped/Bike Path Temp. Closure

Future WWTP Site (Detroit Dr Parcel)

Existing WWTP

AREA 1
Dale Ave Undeveloped Open Space



A



B



C

Area 1: Dale Ave Undeveloped Open Space

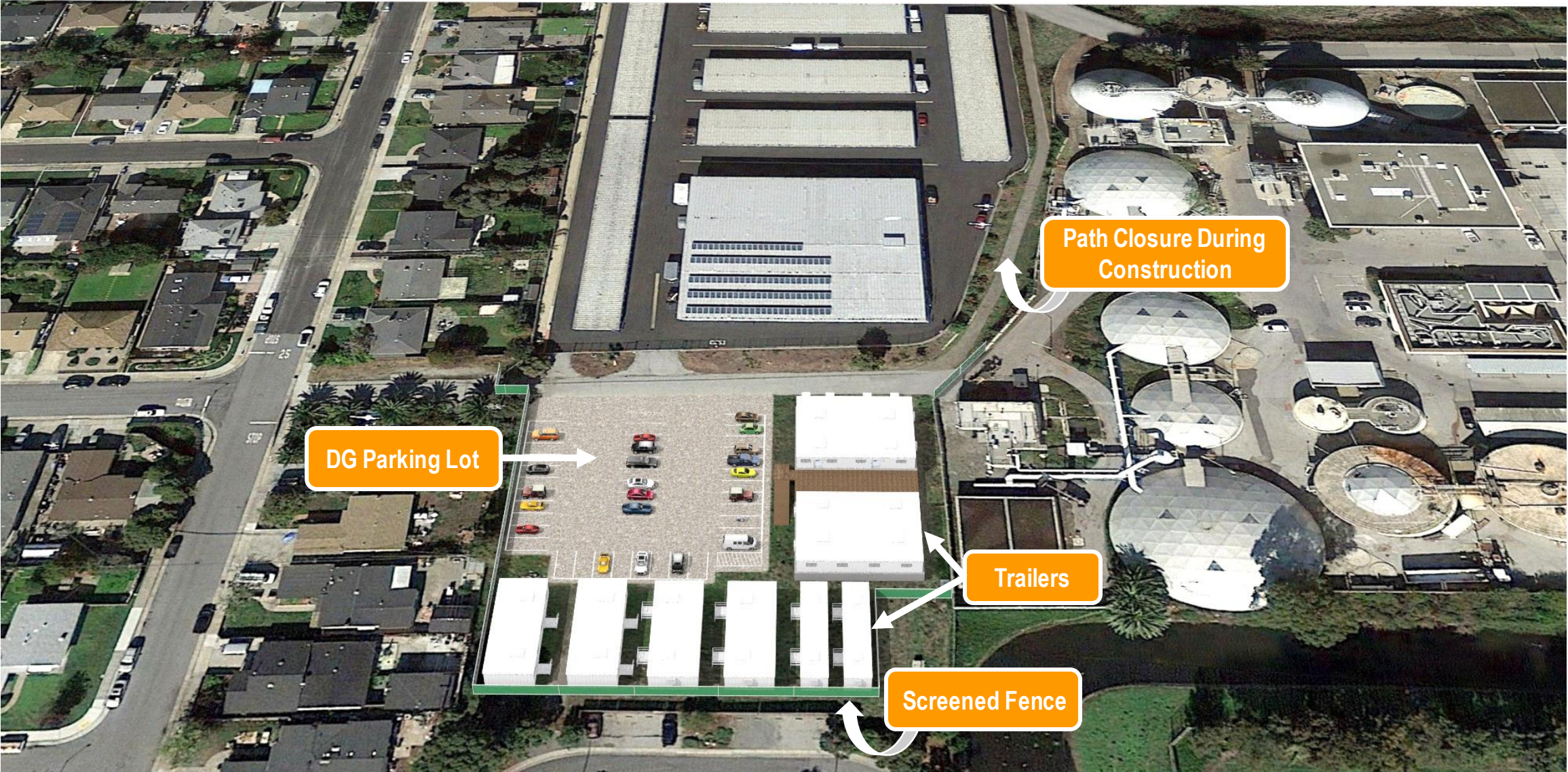
Proposed Temporary Uses

- **Temporary Uses:**
 - *Construction trailers/field offices*
 - *Construction management parking (~40 spaces)*
 - *Some equipment laydown, if needed*
- **Preparation for Use:**
 - *Grade site to level*
 - *Parking lot to be covered with decomposed granite*
 - *Install safety/security lights & screening/fencing*
 - *Close ped/bike path; provide alternative route(s)*
- **Access to/from Staging Area:**
 - *From East: Through existing WWTP*
 - *From West: Emergency access from Dale Ave and Shoreview Ave, and potential access to mobilize construction trailers*



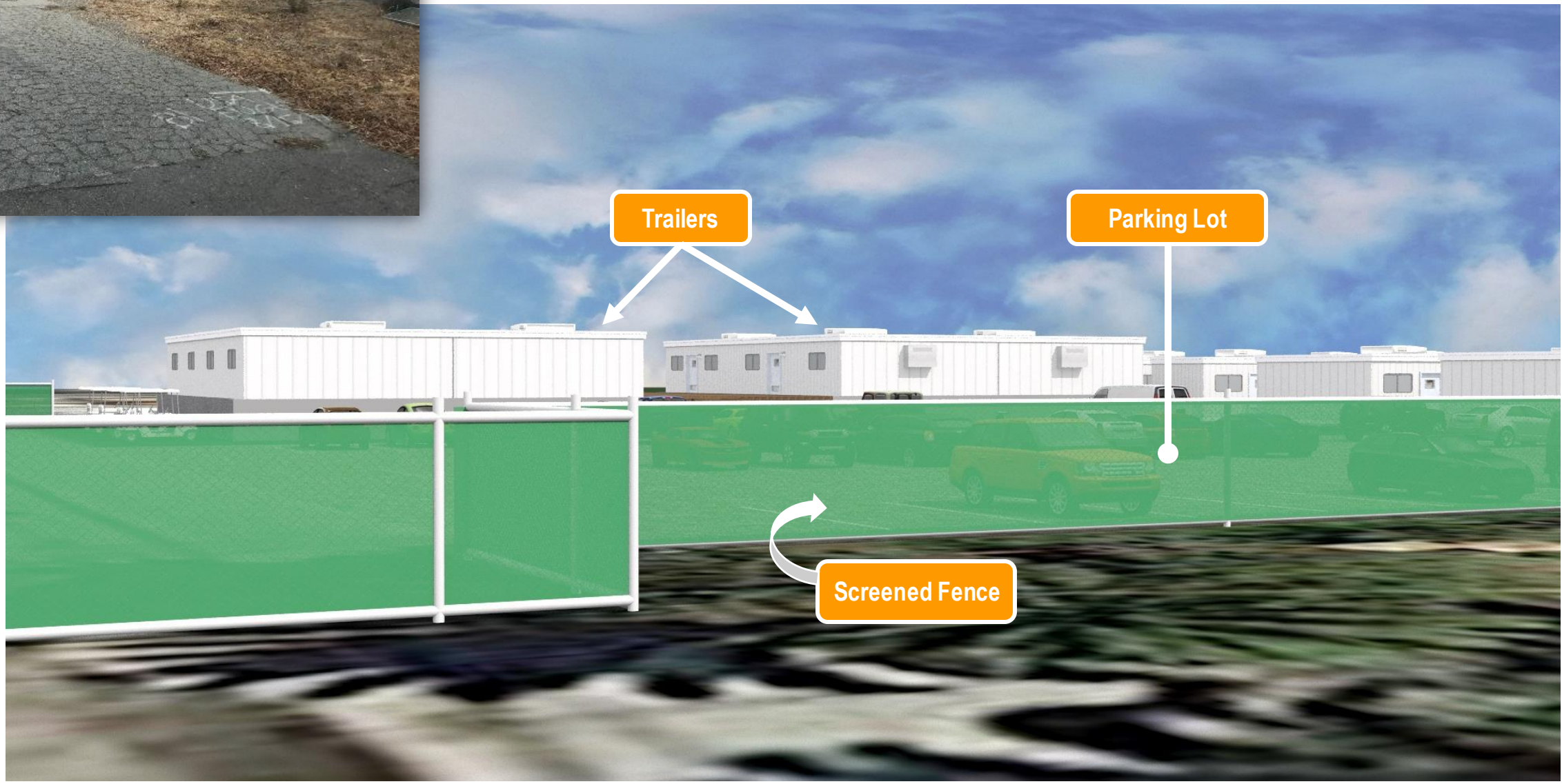
Typical Construction Trailer

Area 1: Dale Ave Undeveloped Open Space Conceptual Rendering – Aerial View

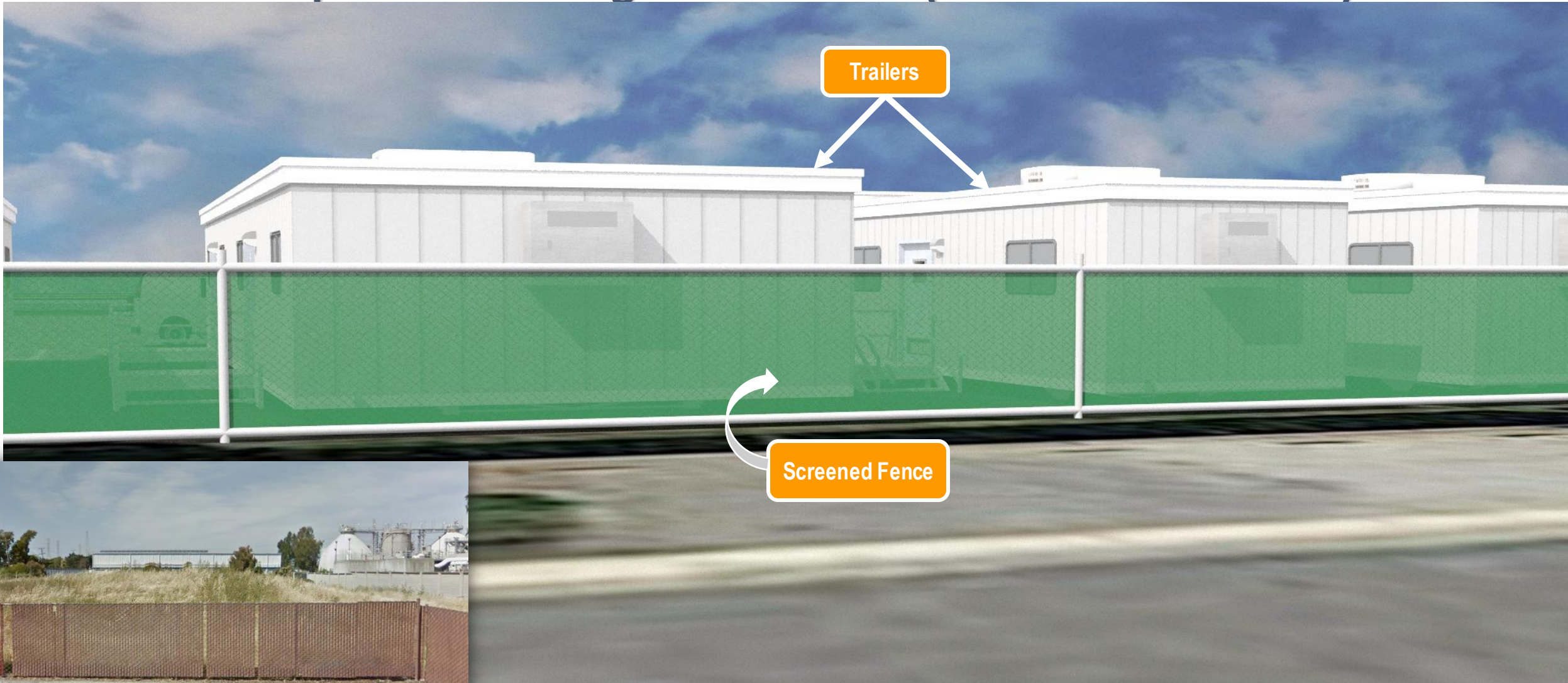




Area 1: Dale Ave Undeveloped Open Space Concept Rendering – Street View (from Dale Ave)



Area 1: Dale Ave Undeveloped Open Space Conceptual Rendering – Street View (from Meadow View)



Area 1: Dale Ave Undeveloped Open Space Post Construction Restoration

- Restoration Identified:
 - Remove lighting and screening/fencing
 - Leave decomposed granite (DG) over parking lot
 - Restore pedestrian/bike path
- Anticipated Temporary Use Schedule:
 - October 2018 to December 2023



Area 2: Anchor Road Passive Open Space



Area 2: Anchor Road Passive Open Space Proposed Temporary Uses

- Temporary Uses:
 - Contractor parking (~106 parking spots)
 - Equipment laydown, if needed
- Preparation for Use:
 - Lightly grade site
 - Clearing, grubbing, & tree removal (interior to area only)
 - Place DG surface
 - Install safety/security screening/fencing (path side only)
 - Maintain & accommodate ped, bike, & boat ramp uses
- Access to/from Staging Area:
 - From East: From 3rd Ave to Anchor Rd
 - Potentially from West (For Workers Only, Not Vehicles/Materials): Path from Detroit Dr, along the front of dog park, and across bridge over Seal Slough

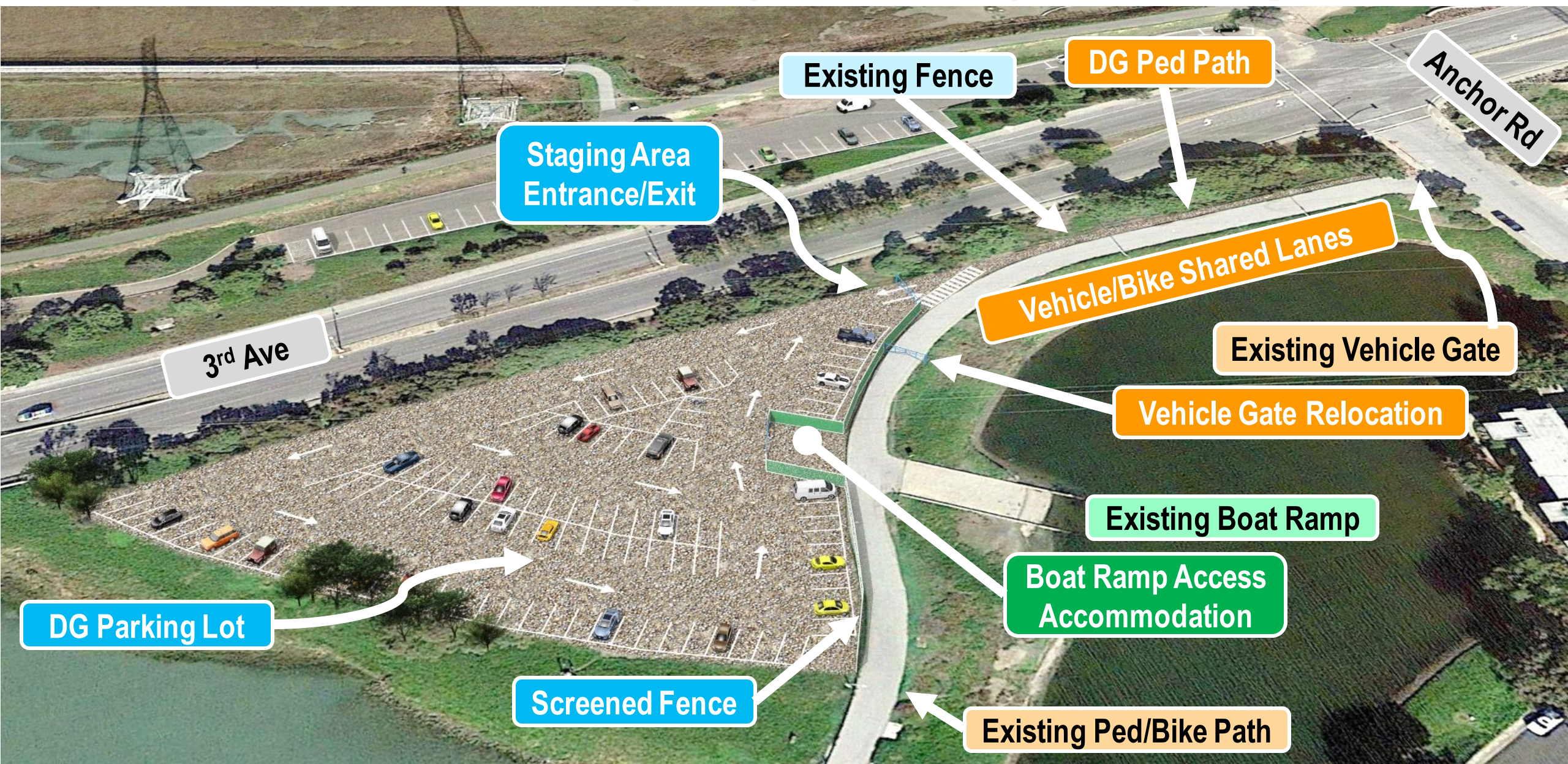


Decomposed Granite Parking Example



Chain Link Fence w/ Screening

Area 2: Anchor Rd Passive Open Space, Concept Rendering Aerial View



DG Parking Lot

3rd Ave

Anchor Rd

Staging Area Entrance/Exit

Existing Fence

DG Ped Path

Vehicle/Bike Shared Lanes

Existing Vehicle Gate

Vehicle Gate Relocation

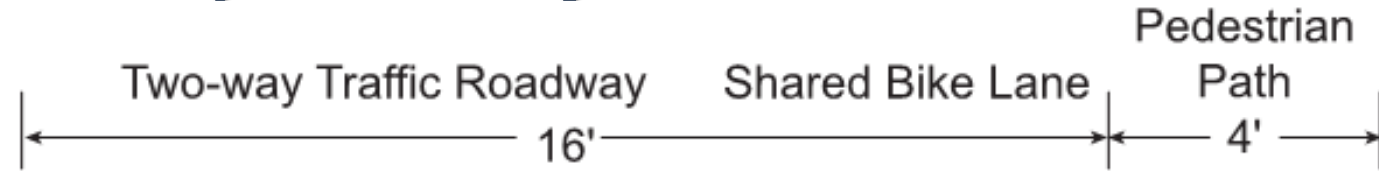
Existing Boat Ramp

Boat Ramp Access Accommodation

Screened Fence

Existing Ped/Bike Path

Area 2: Anchor Road Passive Open Space Vehicle, Pedestrian, and Bicycle Accommodations



Shared Lane
Pavement Marking



Typical Cross Section (from Anchor Rd to Vehicle Gate Relocation)

Area 2: Anchor Road Passive Open Space Post Construction Restoration

- Restoration Identified:
 - Leave DG surface
 - Remove screened fencing
 - Restore vehicle gate to original location
- Anticipated Temporary Use Schedule:
 - September 2019 to August 2022



Area 3: Portion of Anchor Road Parking Lot



Bay Trail



Parking Lot



Area 3: Portion of Anchor Road Parking Lot Proposed Temporary Uses

- **Temporary Uses:**

- *Designate contractor parking (~37 parking spots)*
- *Reserve 8 public parking spaces, including 1 ADA (located closest to Bay Trail access path)*

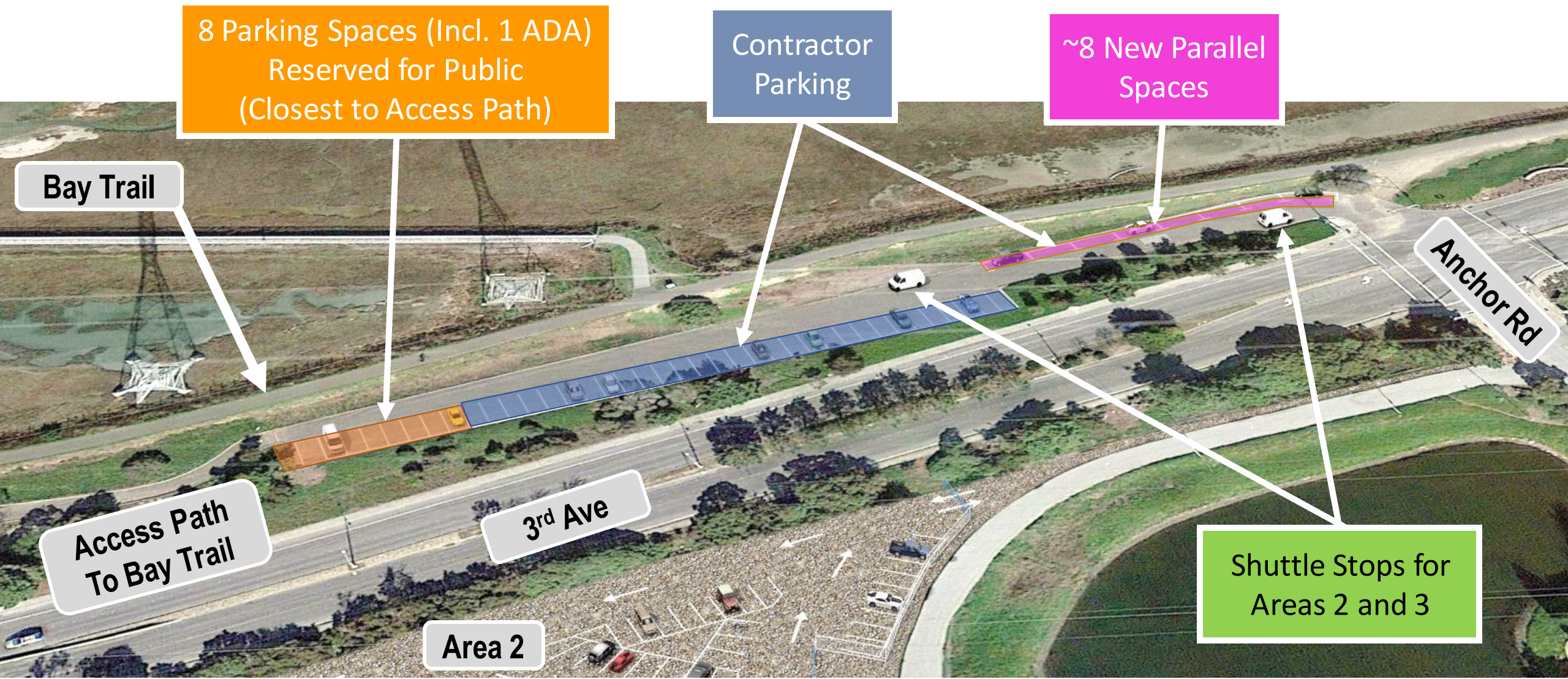
- **Preparation for Use:**

- *Add/Stripe contractor designated parallel parking spaces*
- *Designate public and contractor parking spaces; method of designation to be determined*

- **Access to/from Staging Area:**

- *3rd Ave & Anchor Rd intersection*
- *Entire lot available for weekend public parking (with exceptions on an as-needed basis)*

Area 3: Portion of Anchor Road Parking Lot Conceptual Rendering – Aerial View



Area 3: Portion of Anchor Road Parking Lot Post Construction Restoration Considerations

- Restoration Identified:
 - *Fix pavement of excessive wear or damage by patching, seal-coating, and/or striping*
 - *Remove temporary parking designations*
- Anticipated Temporary Use Schedule:
 - *September 2019 to August 2022*



Contractor Shuttle Route / Stops



Pedestrian/Bicycle Routes

Existing & Proposed Routes During Construction



Parking Restrictions & Accommodations During Construction

 Existing Parking to be Restricted/Limited

 Parking & Facilities to be Promoted as Alternatives



Joinville Park
Parking Lot 

Early Informational Signage

Early signs to be installed two months prior to access closures include:

- 1 Detroit Drive indicating road closure and local business traffic only
- 2 Dale Ave indicating path/access closure and alternate routes
- 3 At John Lee Dog Park indicating path access closure and alternate routes



**ROAD CLOSED DURING CONSTRUCTION.
LOCAL BUSINESS TRAFFIC ONLY.**

CLEAN WATER PROGRAM
PROTECTING THE BAY FOR A SUSTAINABLE FUTURE

JACOBS HDR SUNDT

Concept Sign Example

Anticipated Temporary Use Schedules

| Staging Area | Start Use* | End Use* |
|--|------------|----------|
| 1: Dale Ave Undeveloped Open Space (Including Dale Ave Ped/Bike Path Closure) | Oct 2018 | Dec 2023 |
| 2: Anchor Rd Passive Open Space | Sep 2019 | Aug 2022 |
| 3: Anchor Road Parking Lot | Sep 2019 | Aug 2022 |

* *Dates are based on current schedule and are subject to change*



Recommendation

Approve the proposed temporary uses, durations, and restorations of three Parks & Recreation Department managed parcels, to support construction of the wastewater treatment plant upgrade and expansion project





THANK YOU

