



Sunnyvale

Sunnyvale Cleanwater Program

Caribbean Drive Parking and Trail Access Enhancements



Introductions

- City of Sunnyvale staff
- Consulting staff
 - Program Management Consultant
 - Project Designer (Mark Thomas)
- For additional information, visit:
www.sunnyvalecleanwater.com



Objective

- Council Recommendation of Alternative
- Amend Design/Construction Support Contract
 - Provide Status update on Project Design
 - Review Project Drivers and Constraints



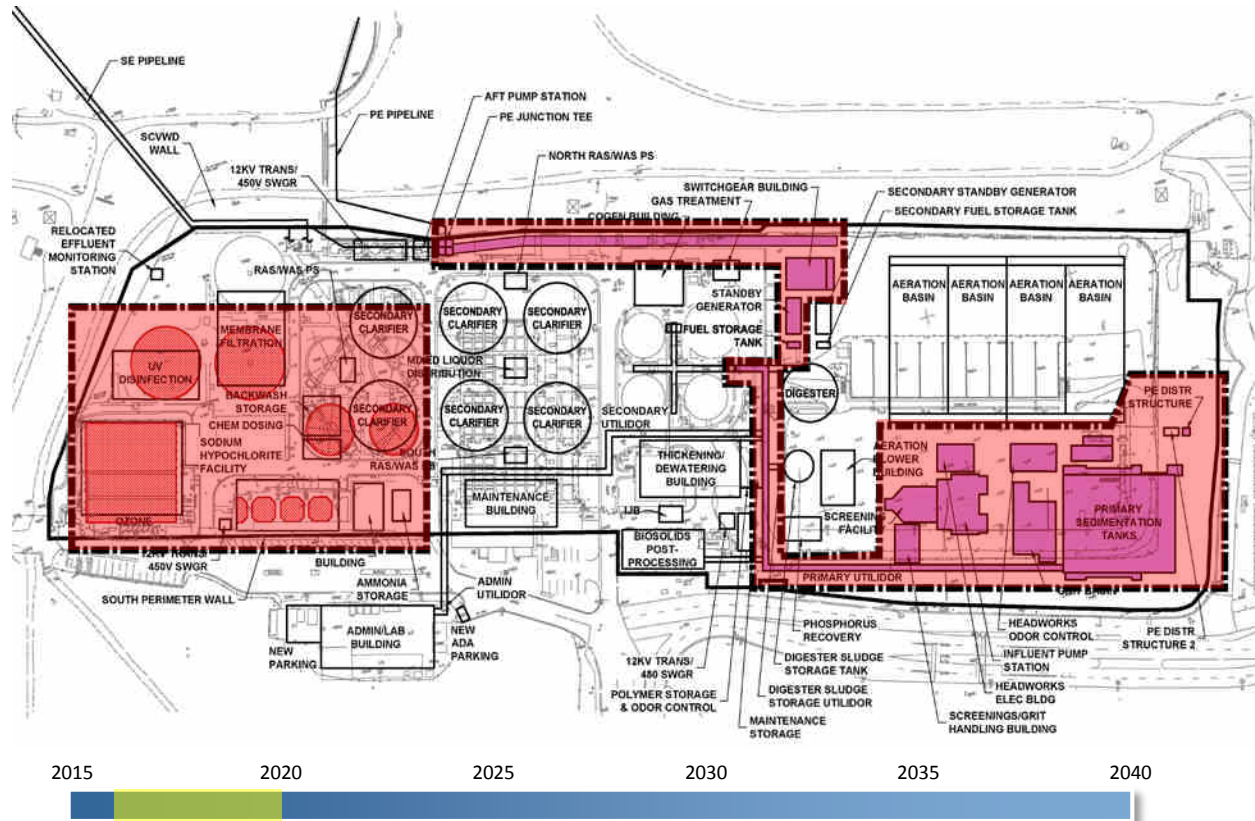
Water Pollution Control Plant - Master Plan

- Program Master Plan Adopted by Council on August 23, 2016
- Current Project Implementation (2014 – 2034)
 - Phase 1 – Headworks/Existing WPCP Rehab
 - Phase 2 – Initial CAS/Admin and Maintenance
 - Phase 3 – Support Facilities Upgrades
- Future Project Implementation (2027 - 2042)
 - Phase 4 –CAS Expansion
 - Phase 5 – Tertiary Treatment Upgrades



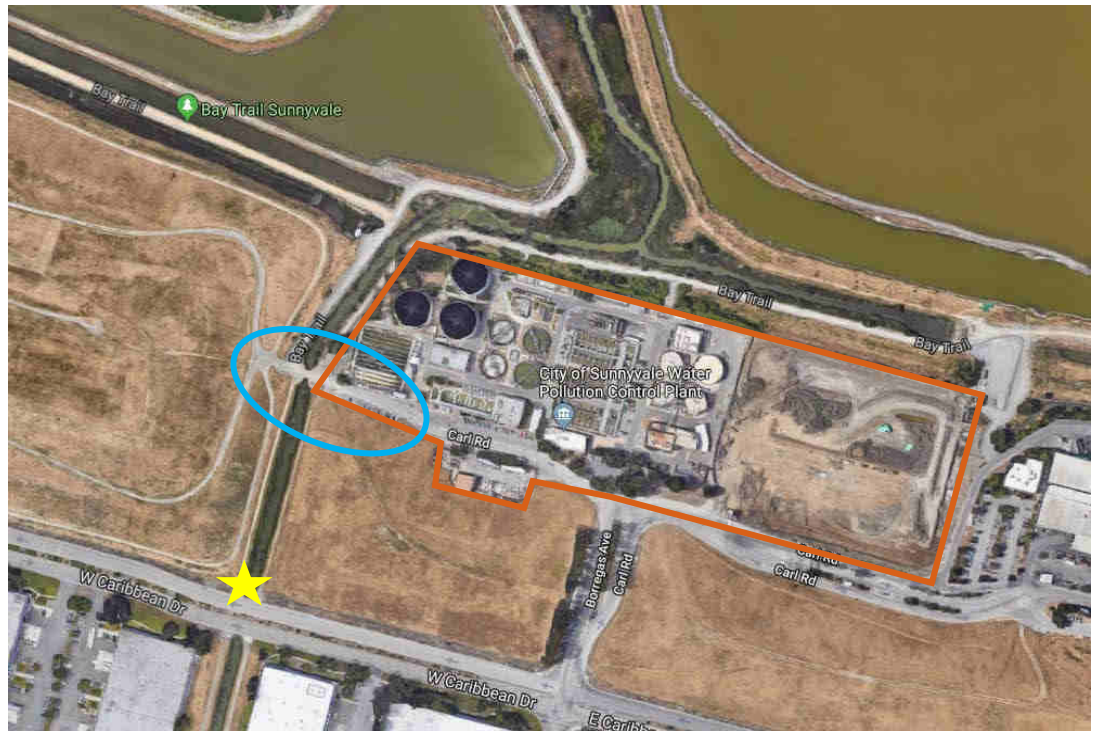
Implementation – Phase 1

Headworks and Primary Treatment/Existing WPCP Rehab



Program and Project Goals

- Program goals:
 - Carl Road area must be available for Plant buildout
- Project goals:
 - Replace/enhance Bay Trail access
 - Meet BCDC permit requirements

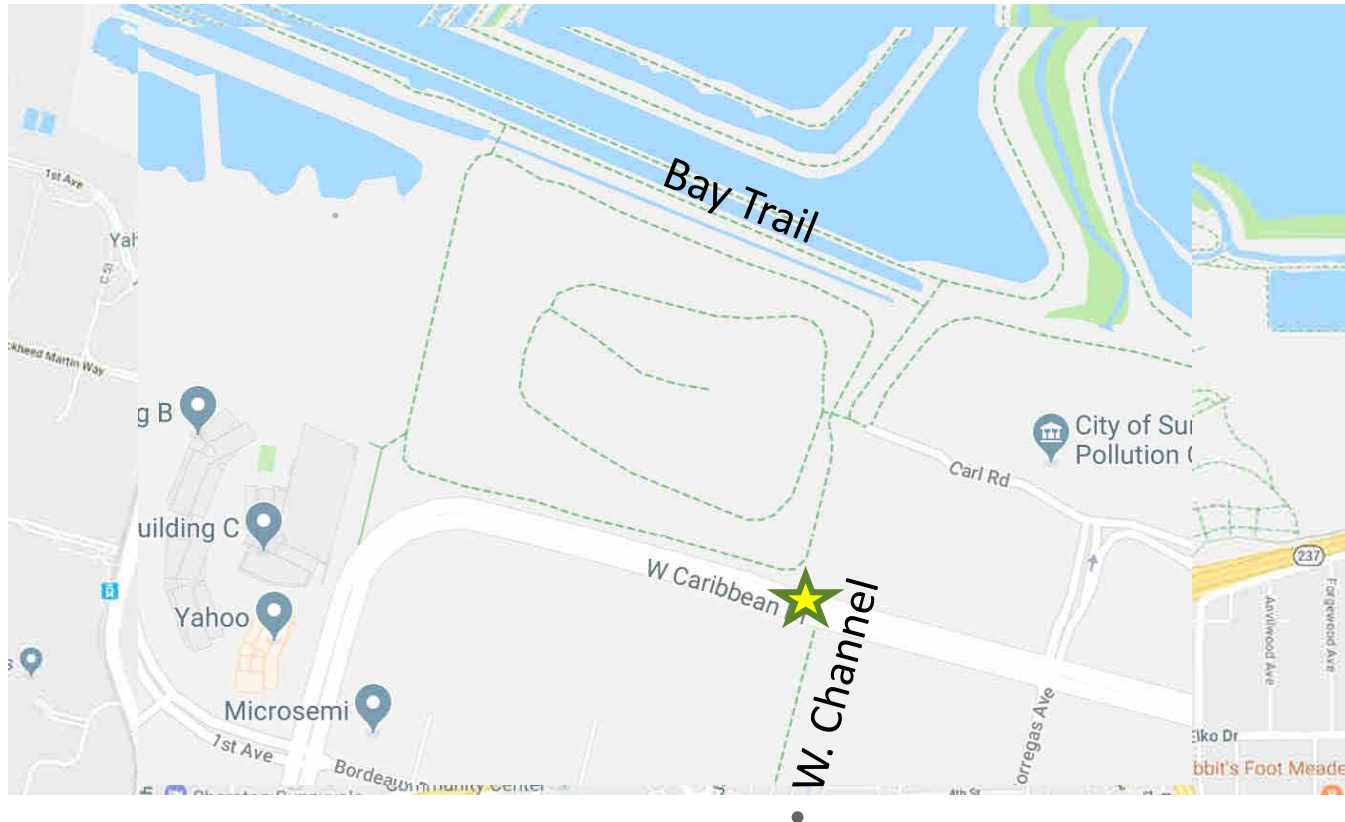


Project Constraints

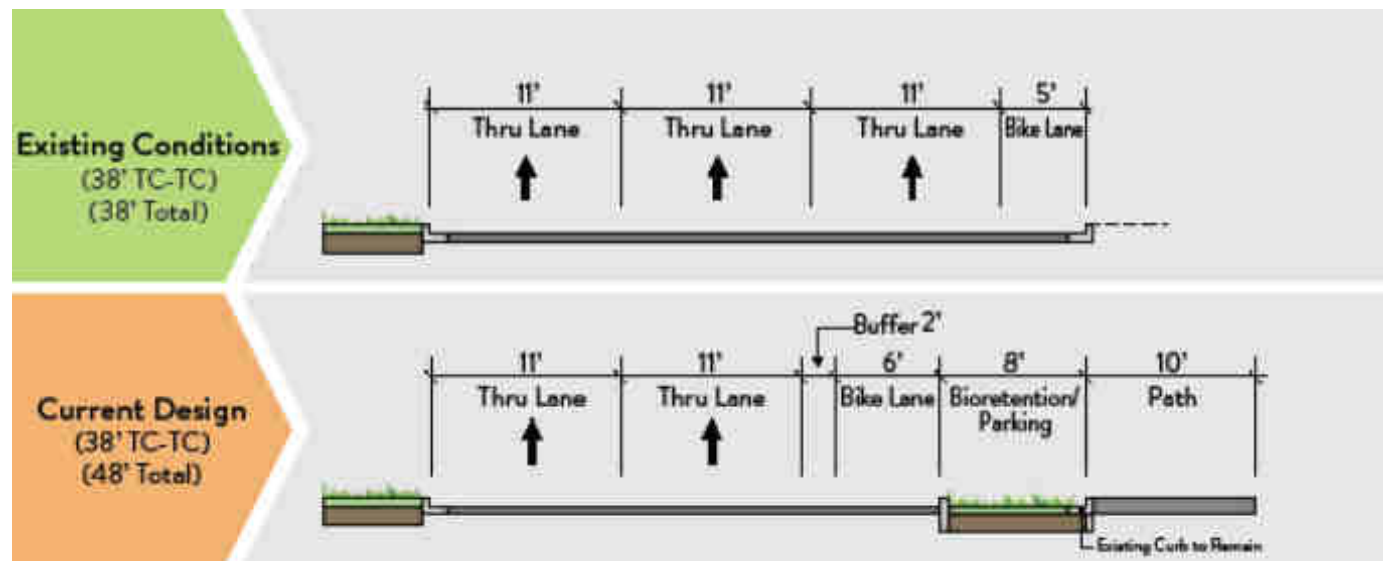
- Existing Utilities
- Comply with ADA criteria
- West Channel headwall
- Close proximity to regulated closed landfill
- December 2019 deadline to complete construction



Trail Network

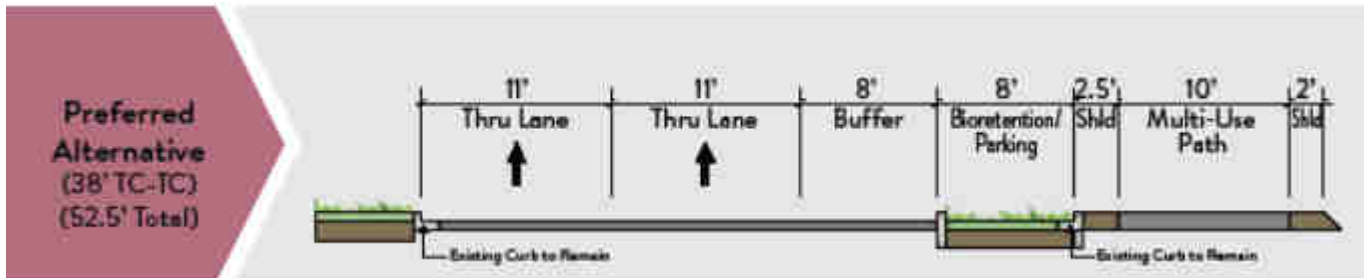
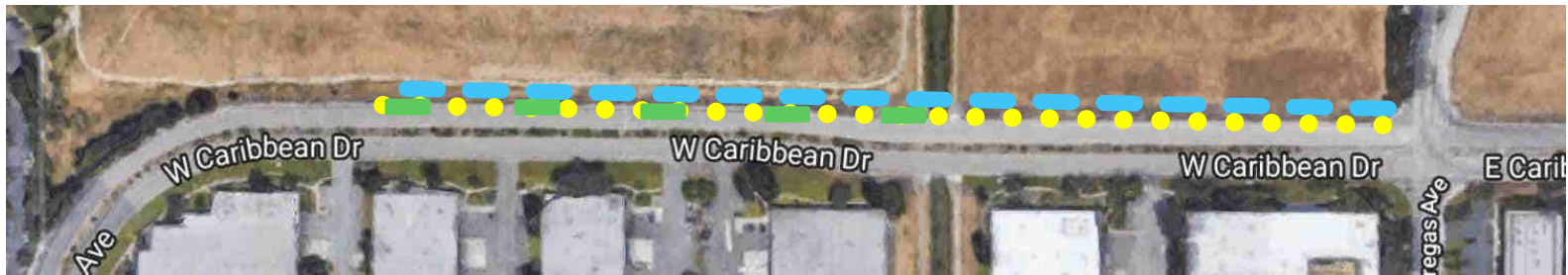


Caribbean Drive Cross-sections



Preferred Alternative

- Moves bicycles off street to a Class I facility
- Provides large buffer for cars to parallel park outside the traveled way

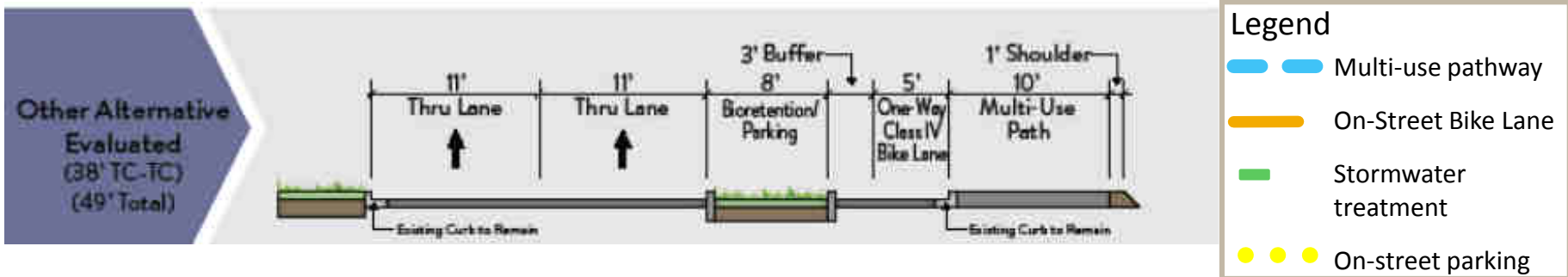


Legend

- Multi-use pathway
- Stormwater treatment
- On-street parking

Other Alternative Evaluated

- Moves westbound bicycles between parked cars and path (Class IV)
- Provides no buffer for cars to parallel park outside the traveled way



Alternatives Exceeds Project Requirements

Project Goals Met

- ✓ Replace/enhance Bay Trail Amenities of parking and trailhead access
- ✓ Meet BCDC permit requirement

Enhancements Included

- Increase available parking
- Enhance bicycle connection and add pedestrian access
- Bring visibility to Bay Trail access
- Provide Stormwater Treatment
 - EPA/SFEI grant funds

Summary

April 19th BPAC Meeting

- Comments

- ◆ Concern over high-speeds of vehicles on Caribbean Drive
- ◆ Concern of differential speeds for the various usage types
- ◆ Concern that more desirable options are eliminated due to schedule

- Commission Vote

- ◆ Commissioners felt that no alternative meets all concerns voiced by the public.
- ◆ The Vote: No Recommendation to Council



Staff Response

BPAC meeting 4/19/18

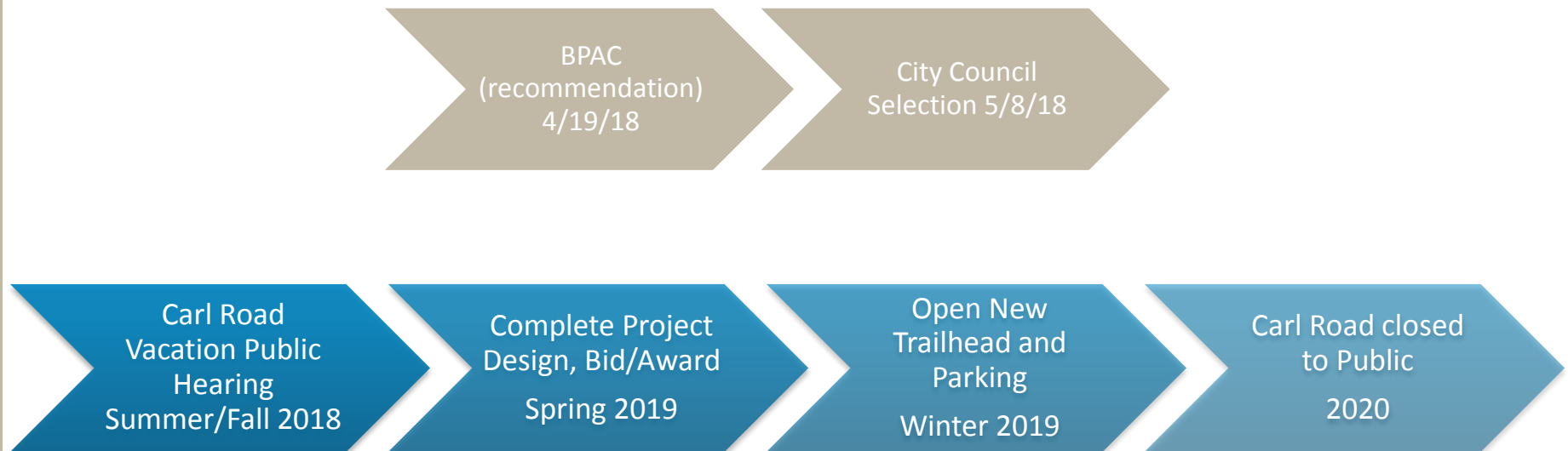
High and Differential Speeds

- Conduct speed surveys to look at possible reduction of speed limit
- Current Design and Other Alternative separates bicyclists, pedestrians, and vehicles
- Preferred Alternative separates bicyclists/pedestrians from vehicles

Off-street Parking Alternatives

- Current agreement for visitor/Bay Trail parking at Yahoo! parking lot
- Continue discussions with Google to provide public parking on their site in the future

Project Timeline



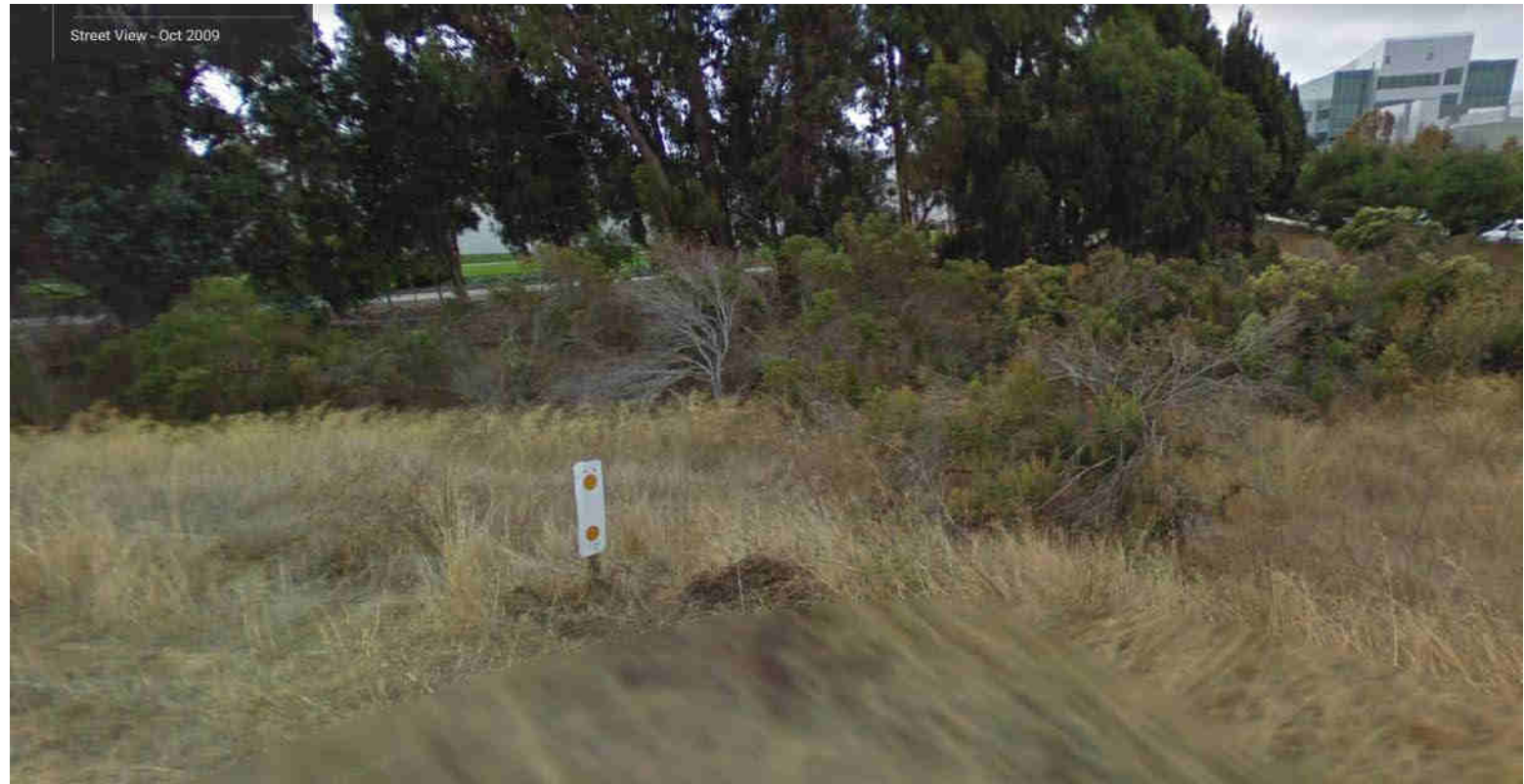
Staff Recommendation

1. Select the Preferred Alternative-Multi-Use Path and Wide Buffers
2. Direct staff to perform speed surveys along Caribbean Drive to maintain or reduce the speed limit
3. Authorize the City Manager to execute an amendment to an existing contract with Mark Thomas & Company

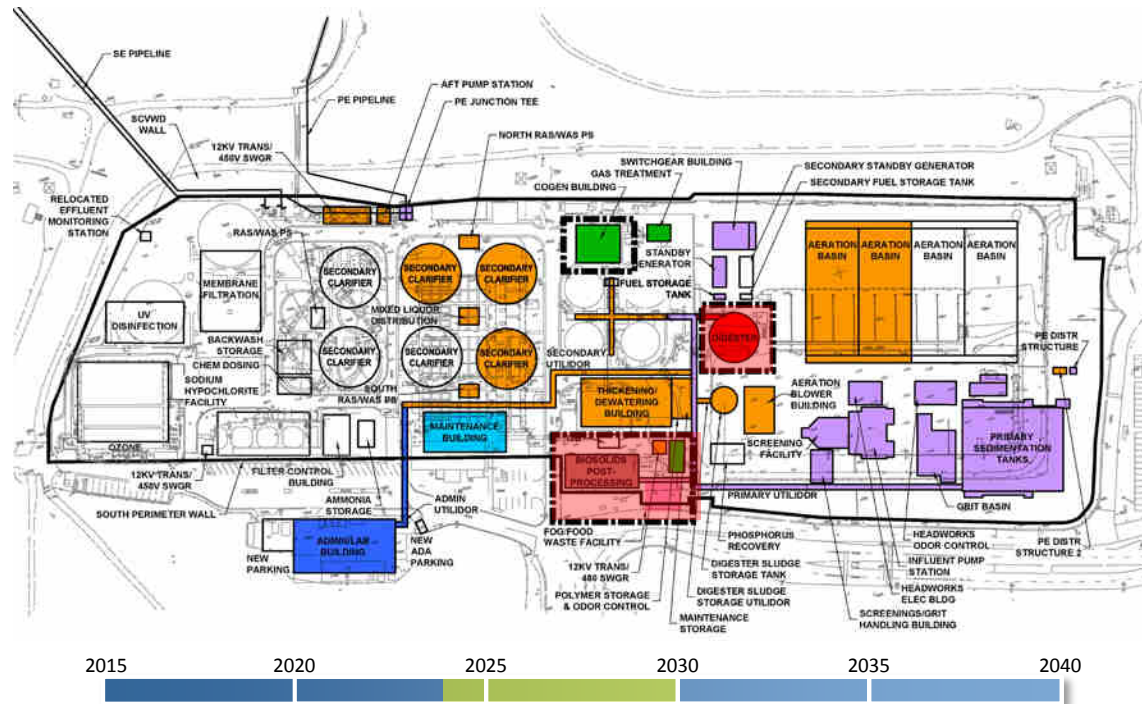


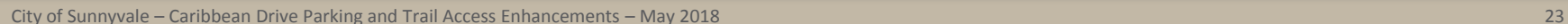
Questions?

On West Hill Spur Trail – Looking Towards Mathilda Ave

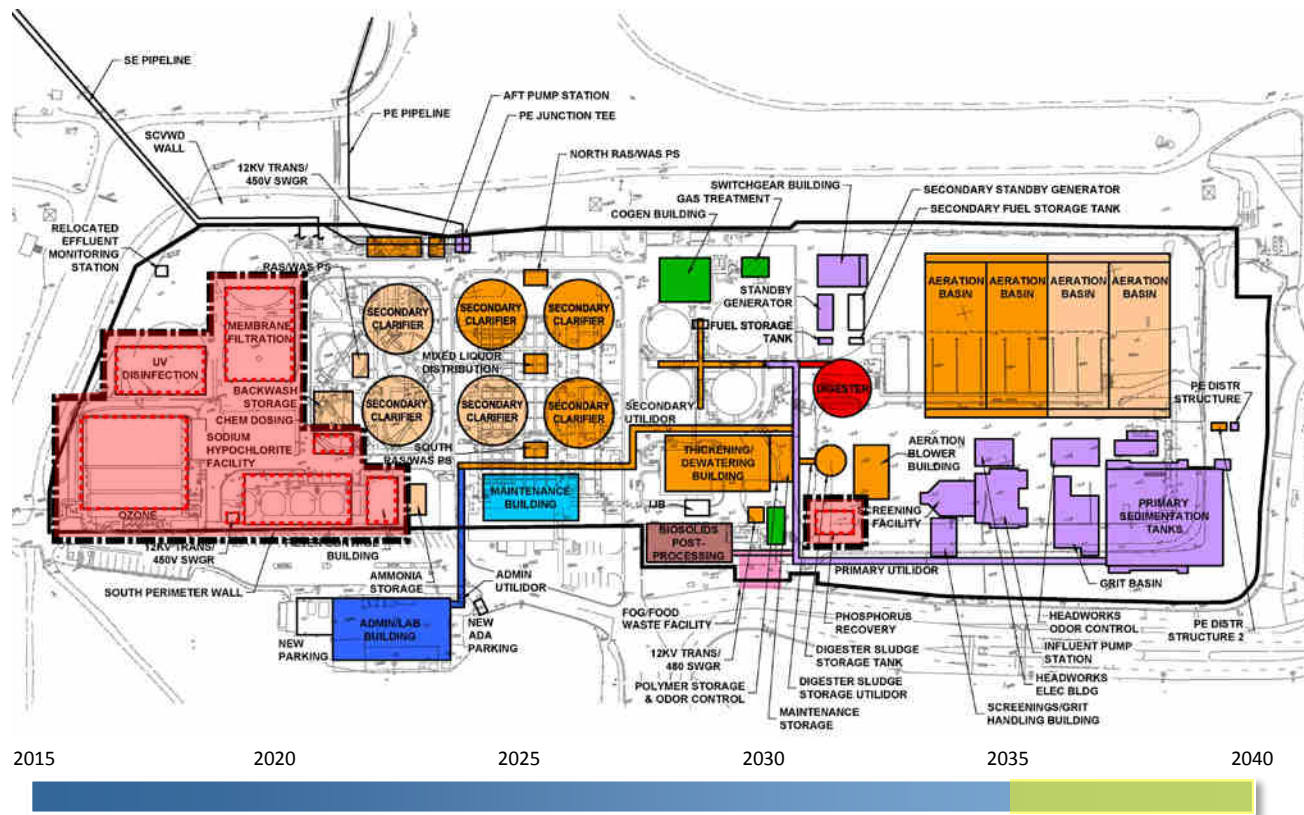


Implementation – Phase 3 Support Facilities Upgrade





Implementation- Phase 5 Tertiary Treatment Upgrade



Existing Bay Trail

