



LEEVE PROTECTION PLANNING AND IMPROVEMENTS PROJECT

Improving Today and Preparing for Tomorrow

Foster City Council Meeting
August 20, 2018



Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS



Purpose of Meeting

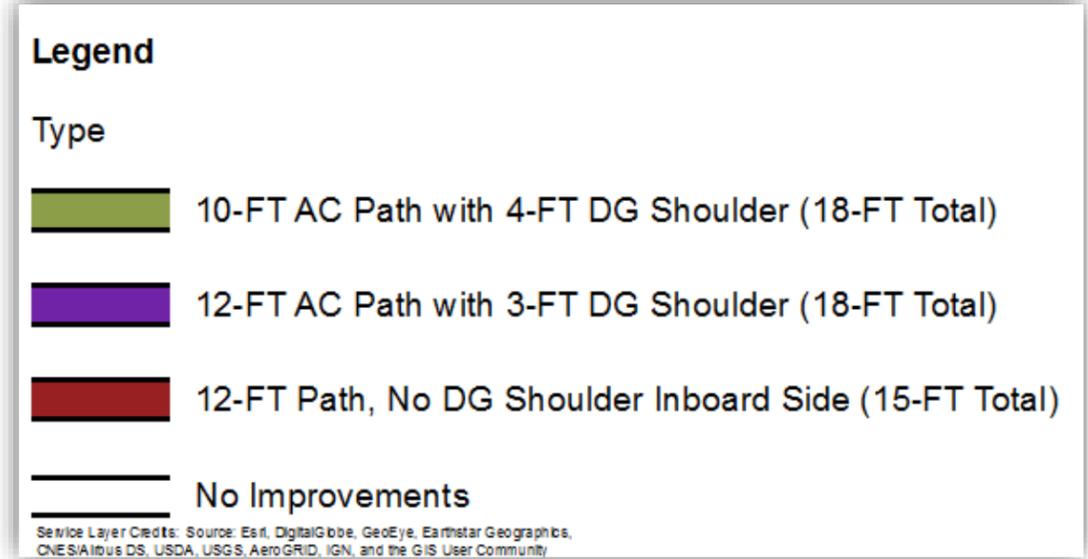
Seeking policy direction on general design guidelines for trail improvements, wall treatments and landscaping to finalize levee design.

- Recommendations and Planning Commission Feedback
 - Trail Improvements and Amenities
 - Wall Treatment Options
 - Planting Concepts
 - Bay and Trail Access

Recommendations and Planning Commission Feedback

- Importance of function over form and cost implications
- Minimize the monotony of appearance (create interest)
- Vary wall height, treatment and flooring changes (articulation)
- Project identity and branding (perhaps a repeating pattern)
- Use relief treatment (different species and plants)
- Landscaping should be drought and salt tolerant
- Maximize the retention of existing ice plant

Bay Trail Improvements

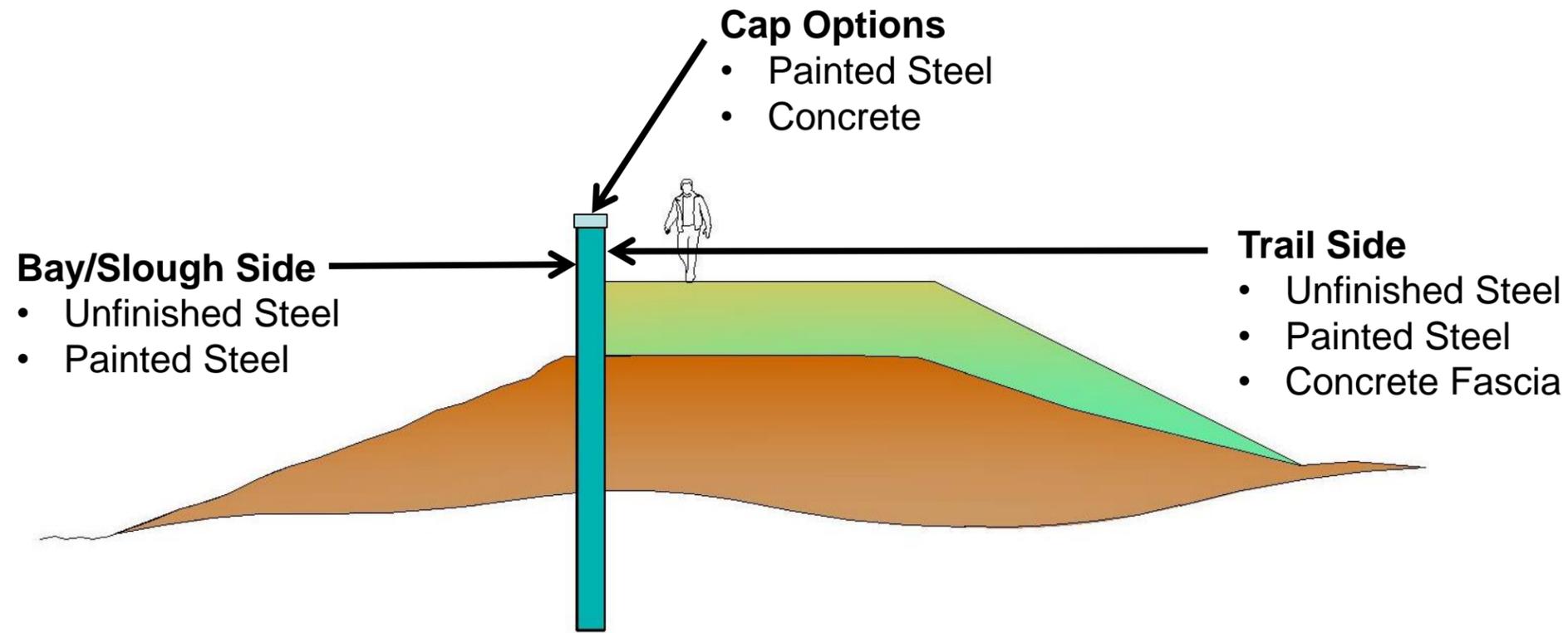


Signage and Amenities



- information kiosk
- bench
- wheelchair pad
- pet litter station
- trash/recycling bin
- bike rack for 2 bikes
- informational signs
- bike repair stations

Wall Treatments



Painted Steel with Cap



Concrete Cap



Weathered Steel

Wall Treatments



Post-Project



Existing



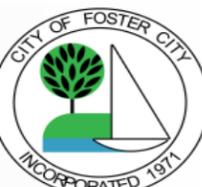
Wall Treatments



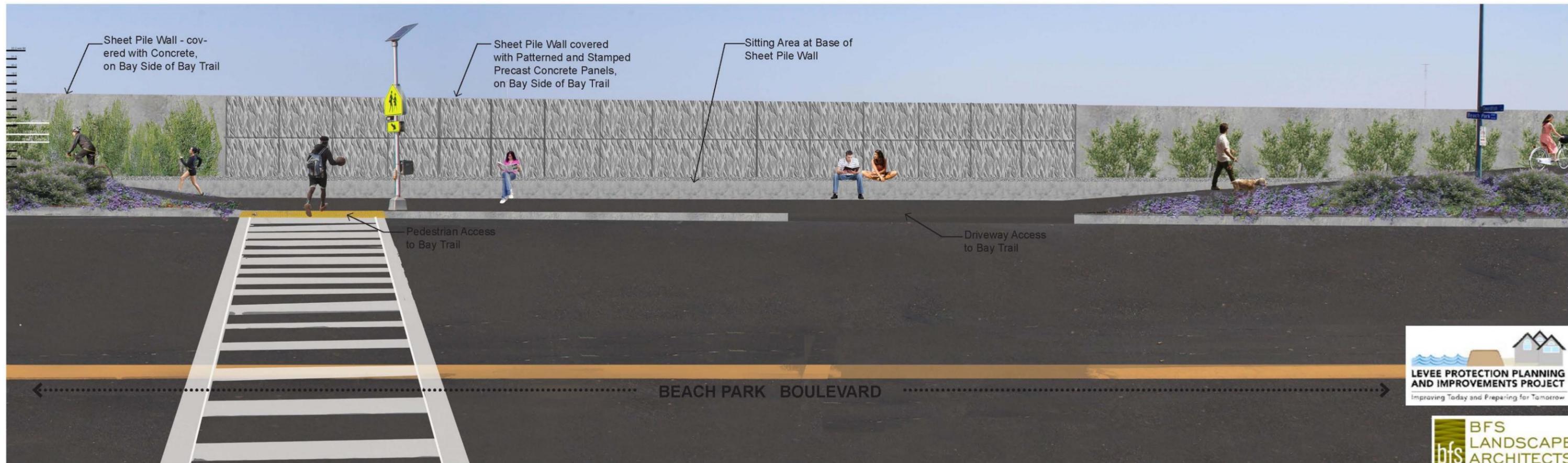
Post-Project



Existing



Wall Treatments



Post-Project



Existing

Wall Treatments



Existing



Post-Project

Articulation



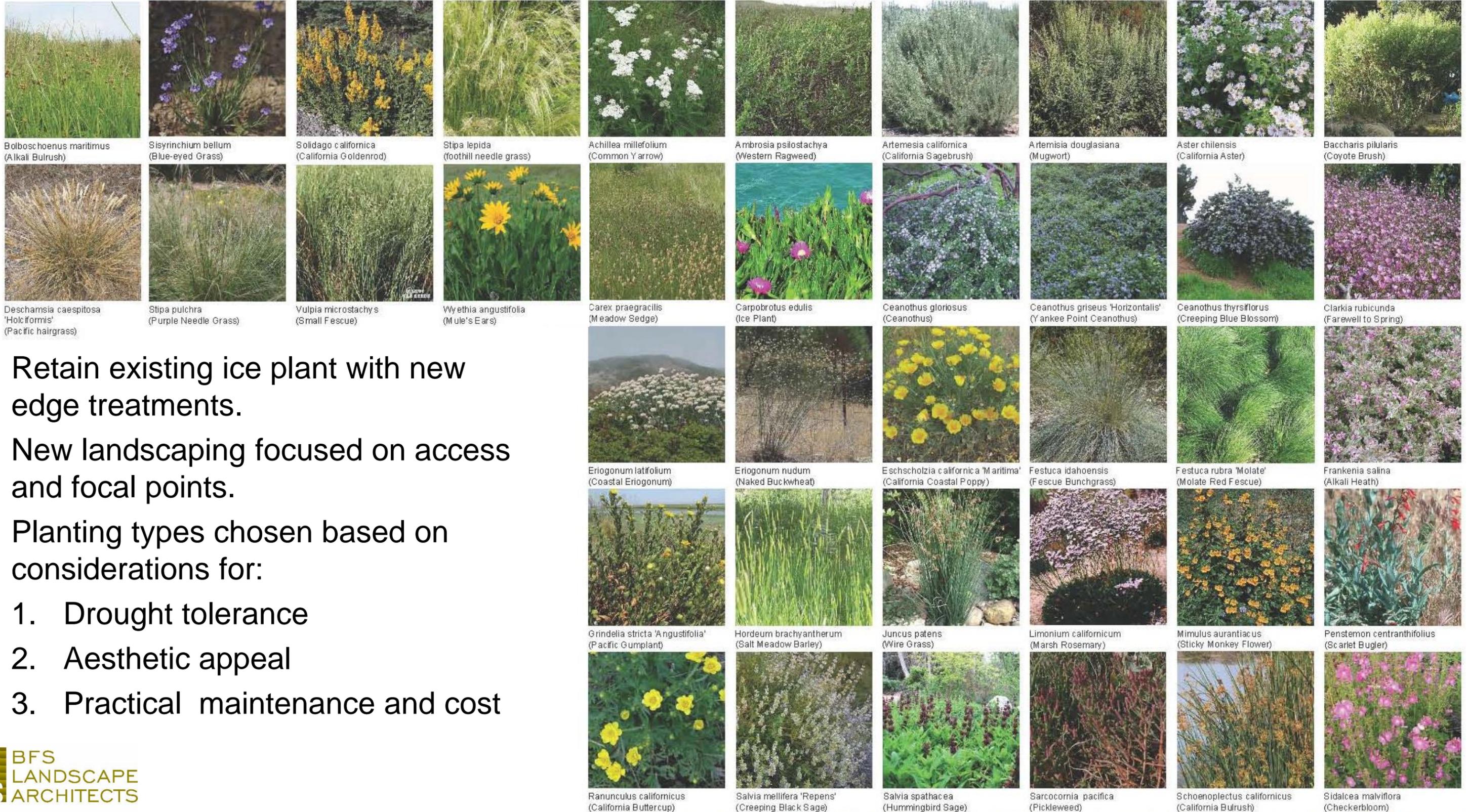
Typical View of Access along Beachpark Boulevard
 Levee Wall - Concrete Wall with Concrete Cap and 10'-0" Wide Glass Openings at Access Points



Typical View of Access along Beachpark Boulevard
 Levee Wall - Grey Sheetpile Wall with Steel Cap and 10'-0" Wide Glass Openings at Access Points



Planting Concepts



Retain existing ice plant with new edge treatments.

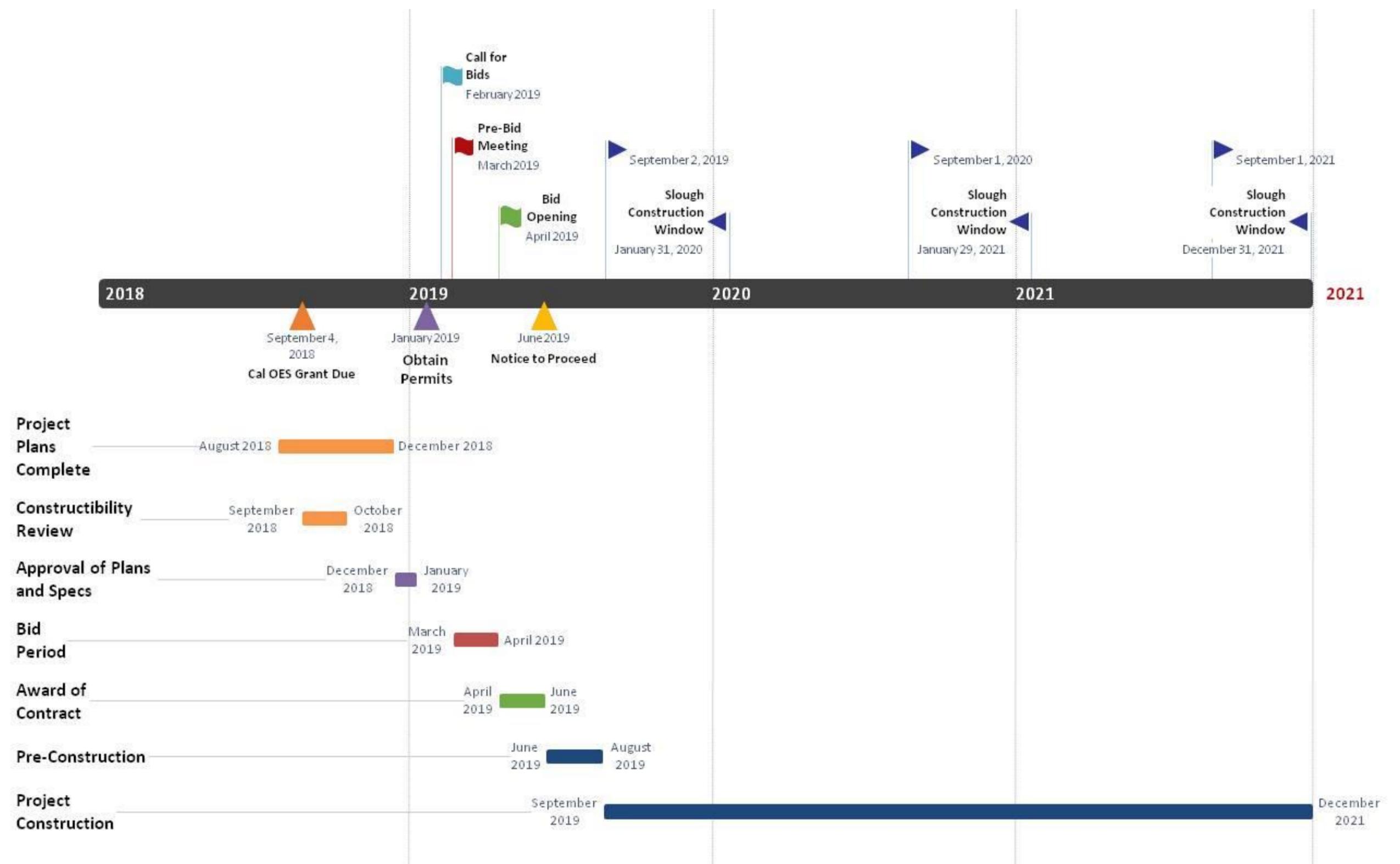
New landscaping focused on access and focal points.

Planting types chosen based on considerations for:

1. Drought tolerance
2. Aesthetic appeal
3. Practical maintenance and cost



Upcoming Project Milestones

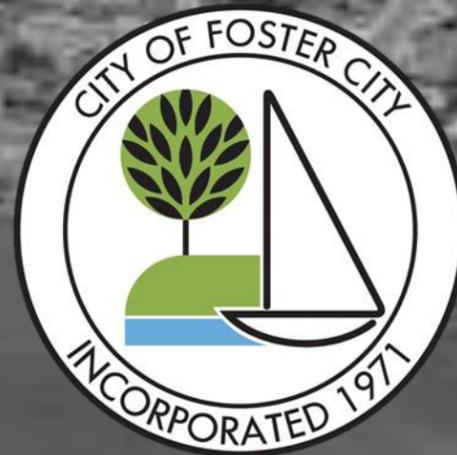




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Access Points and Amenities



- Forty-nine improved access points:
 - Nine from Trail to Bay
 - Forty from street level to Trail
- Public access will be ADA-compliant:
 - Ramps; and/or
 - Stairs with handrail

Legend	
	ADA Accessible Ramp
	Stairs
	Bench
	Bike Rack
	Bicycle Repair Station
	Pet Litter Station
	Picnic Table
	Trash Recpticle
	Boat Access Ramp
	Public Parking
	Trail Access Point
	Bay Access Point

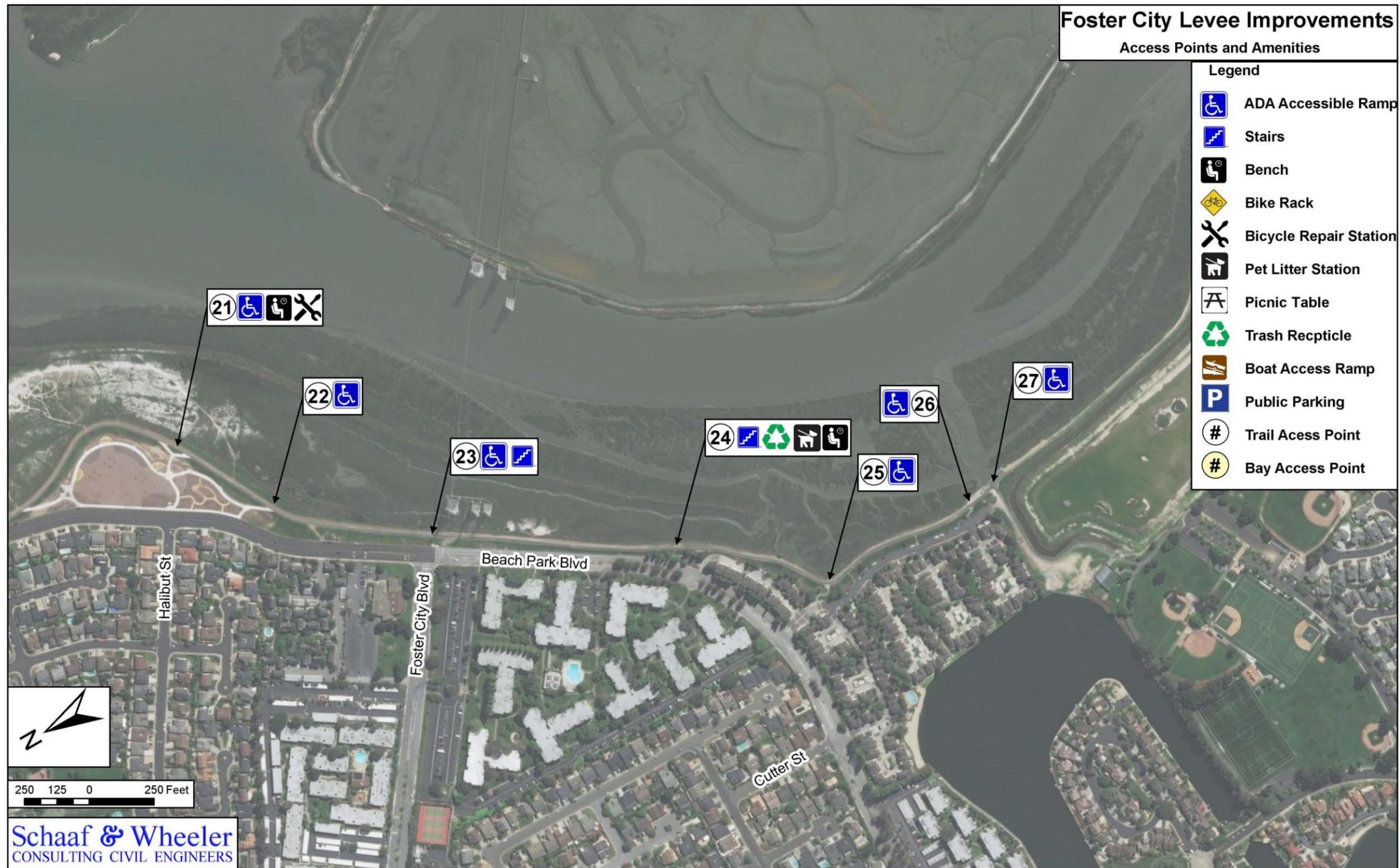
Access Points and Amenities



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