

The West Oakland Link

Community Design Review

February 26, 2025



West Oakland
Environmental
Indicators
Project



COMMUNITY DESIGN REVIEW



TYLin

Meeting Expectations

- Please communicate with respect and be mindful of how much space you're taking while engaging those who haven't spoken
- Respect time agreements and stay on topic in order to achieve our meeting goals
- We actively listen with an open mind, respecting multiple points of view
- We assume good faith in giving and receiving feedback, criticism and questions
- We check for diversity gaps (who is missing) and propose solutions for it



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COMMUNITY DESIGN REVIEW



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Agenda

- Project Overview
- Project Updates
- Pedestrian and Bicycle Design
- Landscaping



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Presentors



Nicole Merino Tsui

West Oakland
Environmental Indicator
Project



Gavin Lohry

Metropolitan
Transportation
Commission/Bay Area
Toll Authority



Erin Vaca

TY Lin City Solutions



Matt Malone

Perkins and Will
Architecture
-Urban Design



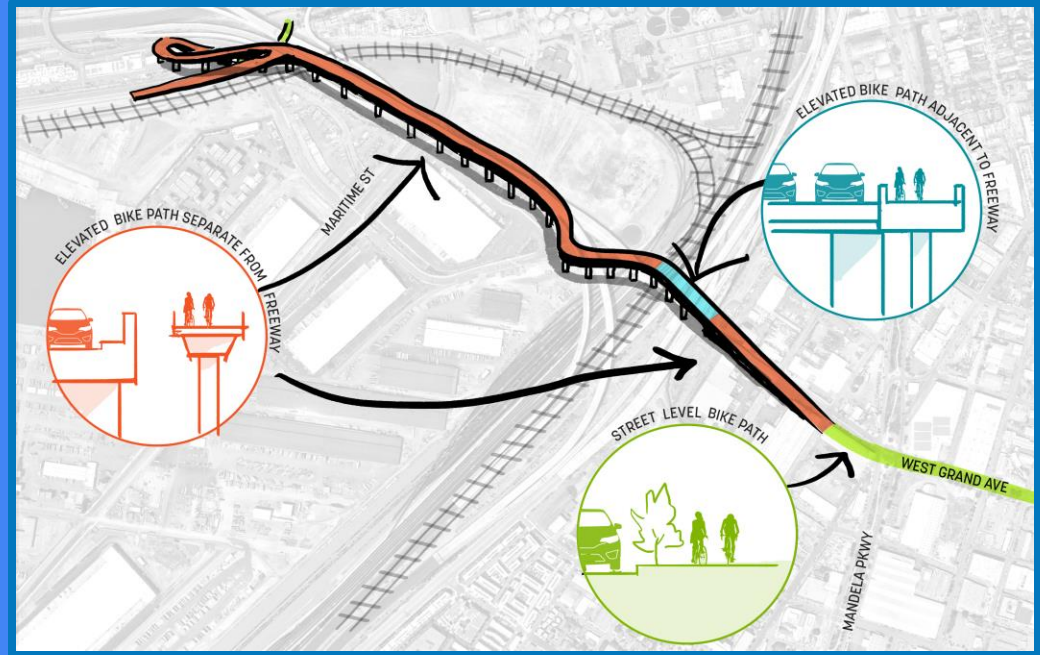
Sarah Kuehl

Einwiller Kuehl
Landscape Architecture

What Is The Project?

The West Oakland Link of the Bay Skyway, is part of the Bay Trail and will provide a safe 15-foot wide connection for bicyclists and pedestrians to travel between West Oakland, the Port of Oakland, and the Bay Bridge Trail.

- 2 miles of separated low-stress multi-use paths
- Connects with the planned Grand Ave protected bike lane (to downtown) at Mandela/Grand intersection
- Landscaping and amenities based on community input





COMMUNITY DESIGN REVIEW

APRIL 9, 2024



METROPOLITAN
TRANSPORTATION
COMMISSION

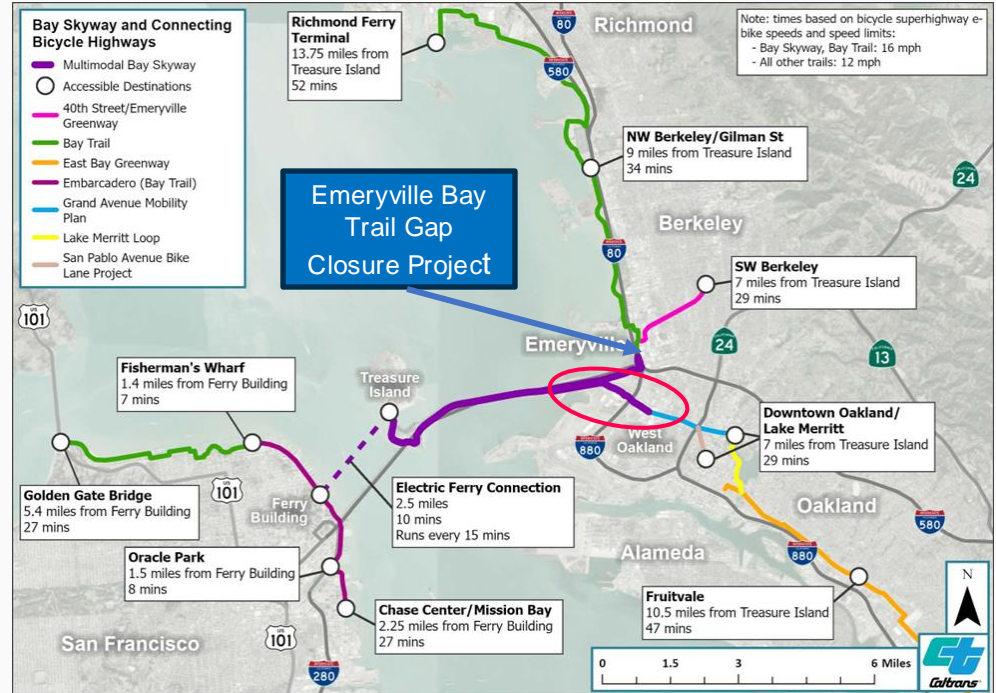


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Key Oakland Bay Skyway Connection

Bay Skyway which includes the West Oakland Link is a key link in the regional bicycle highway network

- **Bay Bridge East Span path:** Existing multiuse path on East Span of the San Francisco- Oakland Bay Bridge
- **West Oakland Link:** An off-street, multi-use path between West Oakland and the Bay Bridge East Span pathway
- **Yerba Buena Island path:** A multi-use path between the Bay Bridge East Span pathway and the Treasure Island Ferry Terminal
- **Treasure Island-San Francisco electric ferry:** Frequent electric ferry service between Treasure Island and San Francisco
- **West Span Path:** A multi-use path connecting Yerba Buena Island and the East Span path to downtown San Francisco



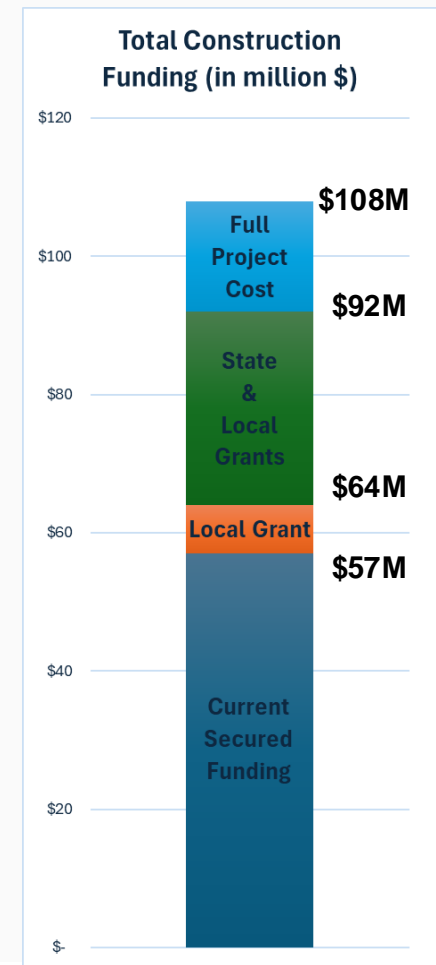
Funding & Timeline Update

The West Oakland Link has secured \$57 million in construction funding

- Currently have \$35M in State and Local grants pending
- Will continue to apply for additional funding sources

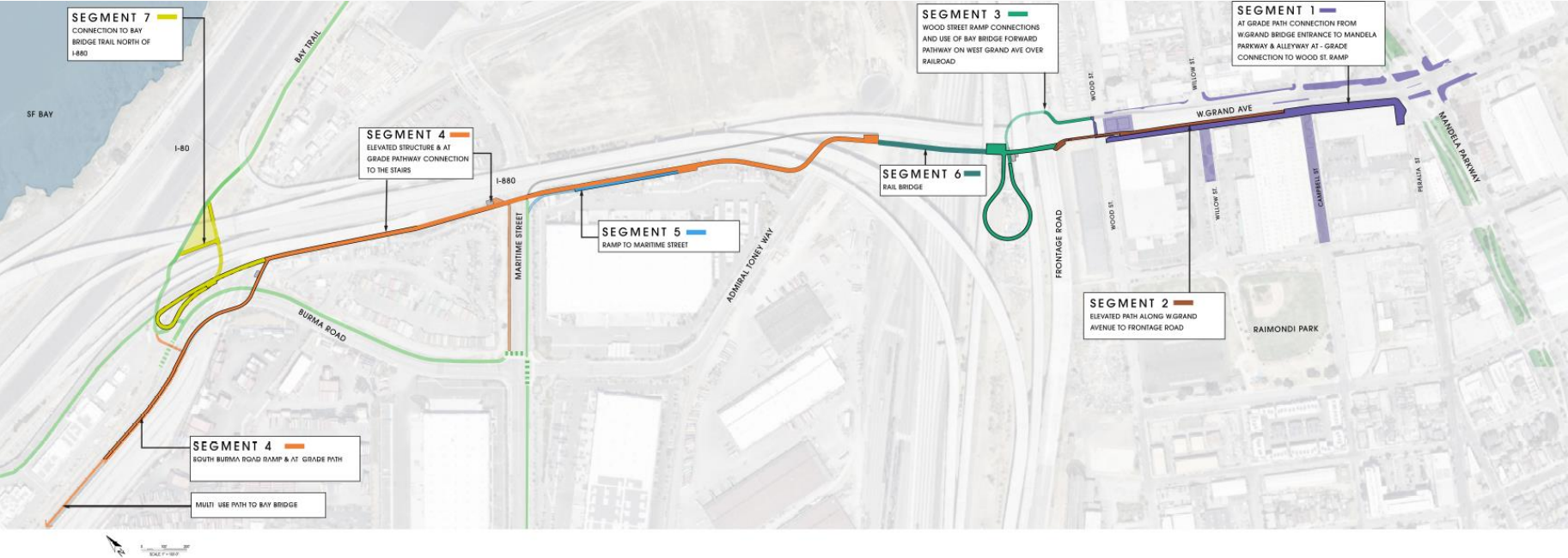
West Oakland Link Timeline

- Bay Bridge Forward Multi-use Trail Opening – Spring/Summer 2026
- West Oakland Link Design Complete - Spring 2026
- Construction Bidding/Procurement - Summer/Fall 2026
- Construction Start - Beginning 2027
- West Oakland Link Opens – Spring 2029



Final West Oakland Link

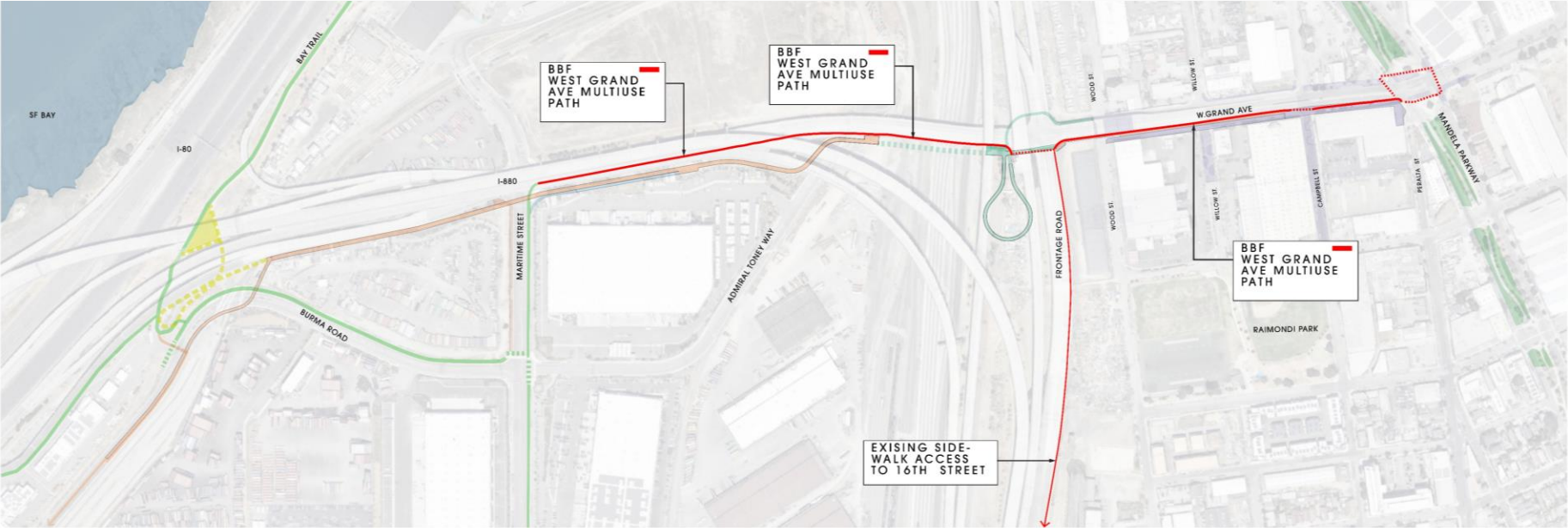
Full Build-Out



Bay Bridge Forward

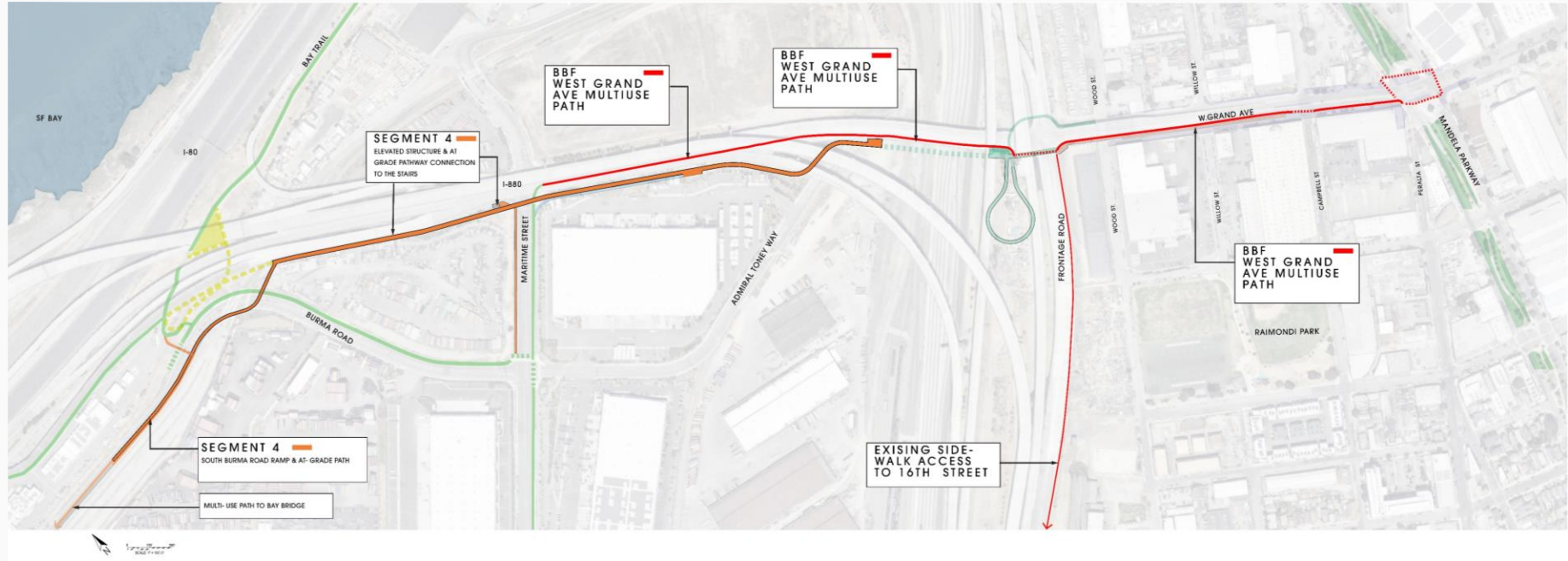
Bike & Pedestrian Path

Interim multi-use path (8' wide) on West Grand Ave between Mandela Parkway to Maritime Street bike/pedestrian path
Expected to open in Spring/Summer of 2026



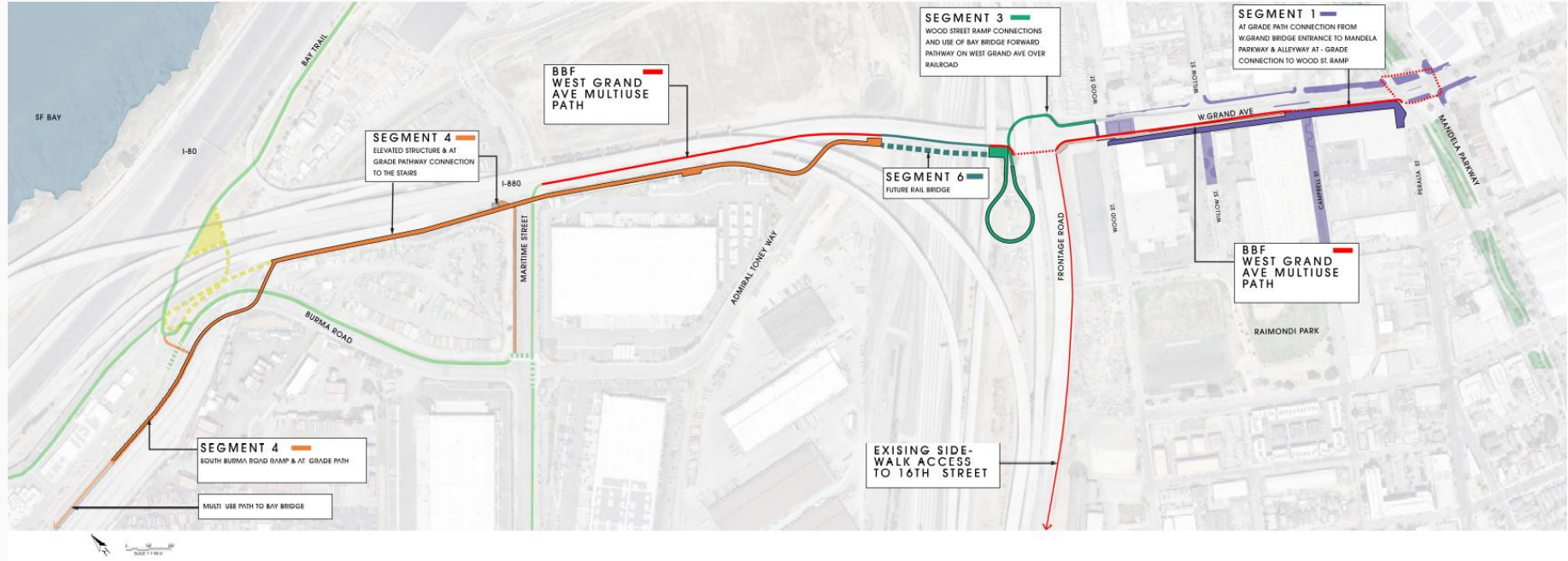
WOL \$64M Local Funding Option

Build out the infrastructure in the Port Area and utilize the Bay Bridge Forward multiuse path for the connection to West Oakland and the Maritime Street multi-use path.



WOL \$92M with successful State SCCP & ACTC funding

In addition to building out the Port Area infrastructure the Wood Street Loop ramp, alleyway, and street improvements in West Oakland are also included.

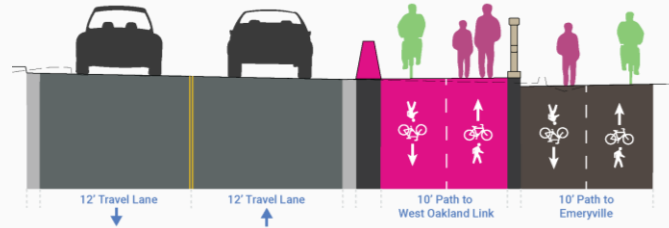


Burma Road Connection

Proposed Project Change



Section At Approach Ramp Touch Down



At-Grade Path

- 9 ft bike path utilizing the existing roadway and 5 ft pedestrian path along existing sidewalk
- Barrier separation between the bike lanes and vehicular lanes

On Structure Path

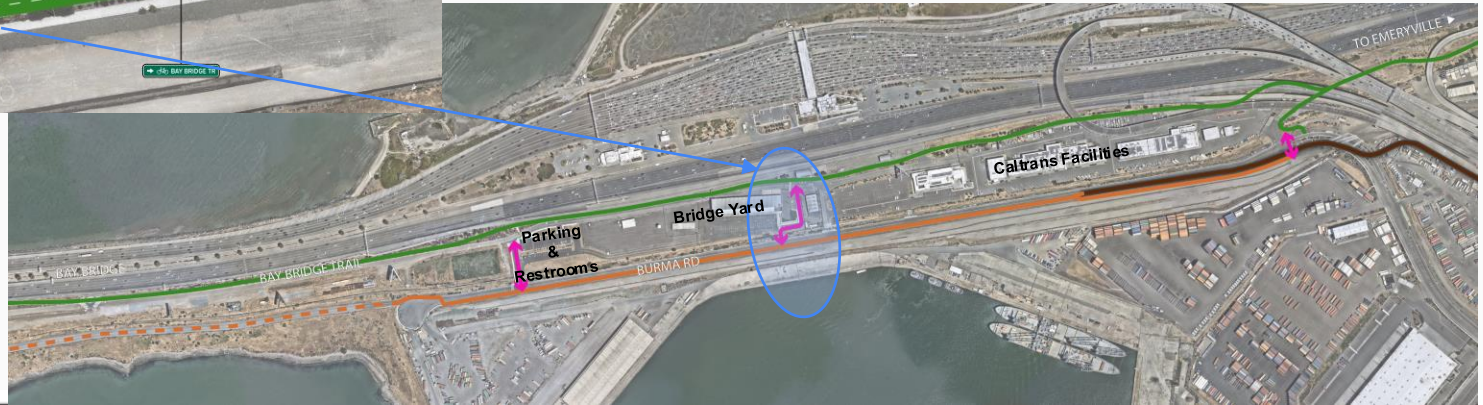
- 10 ft wide structure connection to main link.
- 10 ft wide multi-use path connection to existing Bay Bridge Trail

Burma Road Ramp

Proposed Connecting to Bridge Yard



- Warning signs for drivers
- Wayfinding signage
- High visibility ped/bike crossing
- Curb ramps and detectable warning surfaces



Burma Road Ramp

Proposed Access to the Bay Trail



- Warning signs for drivers
- High visibility cross walk and bike crossing
- Surface mounted channelizers
- Speed table along access road
- Wayfinding Signage
- Curb ramps and detectable warning surfaces



Burma Road Ramp

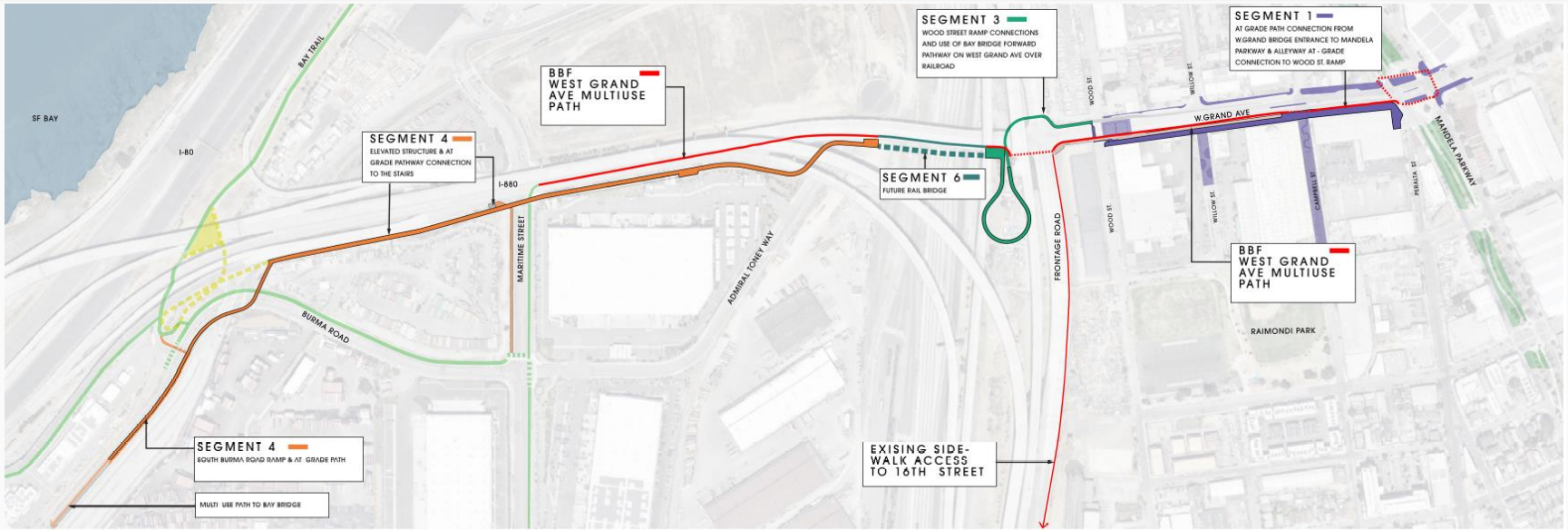
Proposed Access to the Park



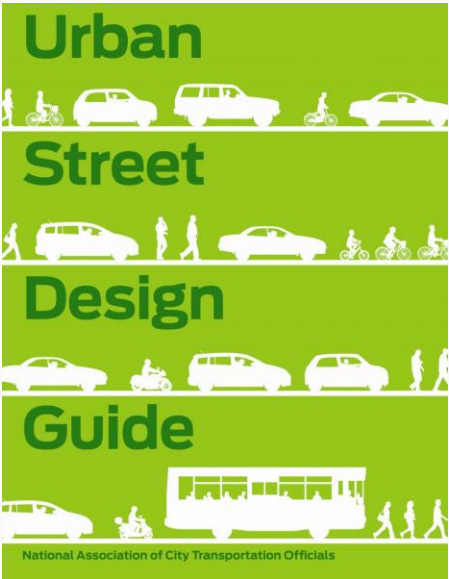
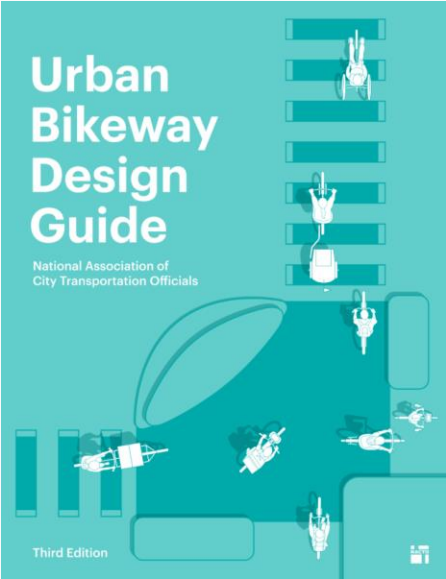
- Warning signs for drivers
- Wayfinding signage
- High visibility crosswalk and bike crossing
- Sidewalk, curb ramps, and detectable warning surfaces



Project Overview Questions

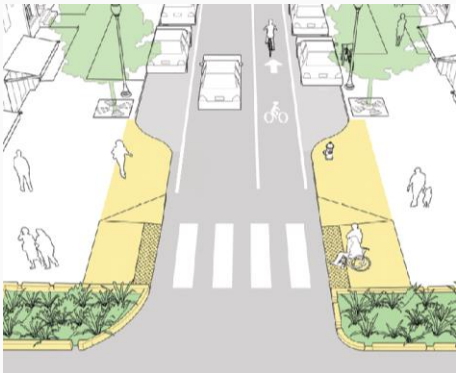


Bicycle and Pedestrian Design Standards and Best Practices



Bicycle and Pedestrian Design

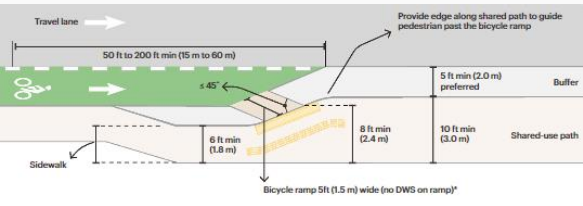
Best Practices Toolkit



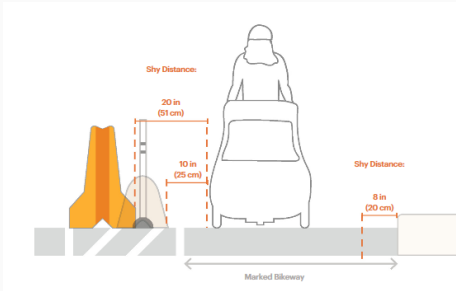
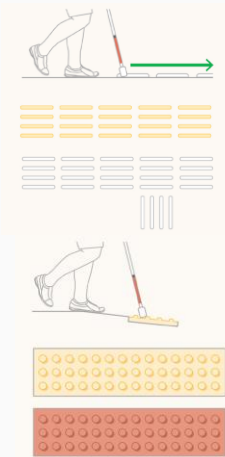
Horizontal Speed Control Elements
Curb Extensions, Medians, Islands



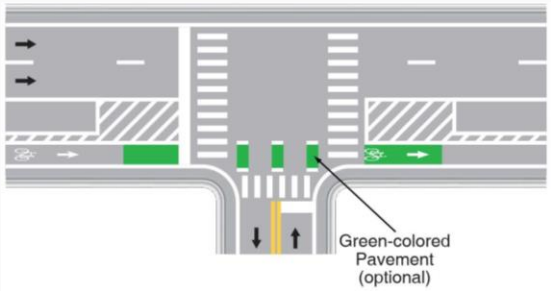
Vertical Speed Control Elements
Speed Humps, Tables, Cushions



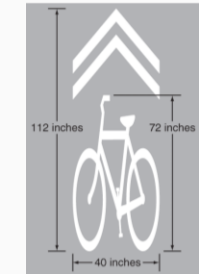
Bike Ramps to Sidewalk Level



Adequate Facility Width



Intersection Crossing Markings



Pavement Markings

Detectable Surfaces

Bicycle and Pedestrian Design

Wayfinding

A wayfinding system consists of signs and pavement markings that affirm route-specific decision-making and overall orientation within a city. These systems should be **clear and simple**, **consistent**, and **visible**.



Confirmation Signs

Indicate a designated path or bikeway. When used near roadways, they also indicate to drivers that bicyclists and pedestrians may be present.



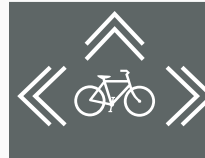
Street Name Signs

Indicate to both riders and drivers of a cross street that is a bikeway. They also help users orient themselves and stay aware of their location.



Decision-Making Signs

Mark a junction between two or more bikeways and inform path users of routes to access key destinations.



Pavement Markings

Used to reinforce routes and directional signage and bring awareness to drivers. They may be useful where signs are obstructed



Turn Signs

Indicate a change in the direction of a route.

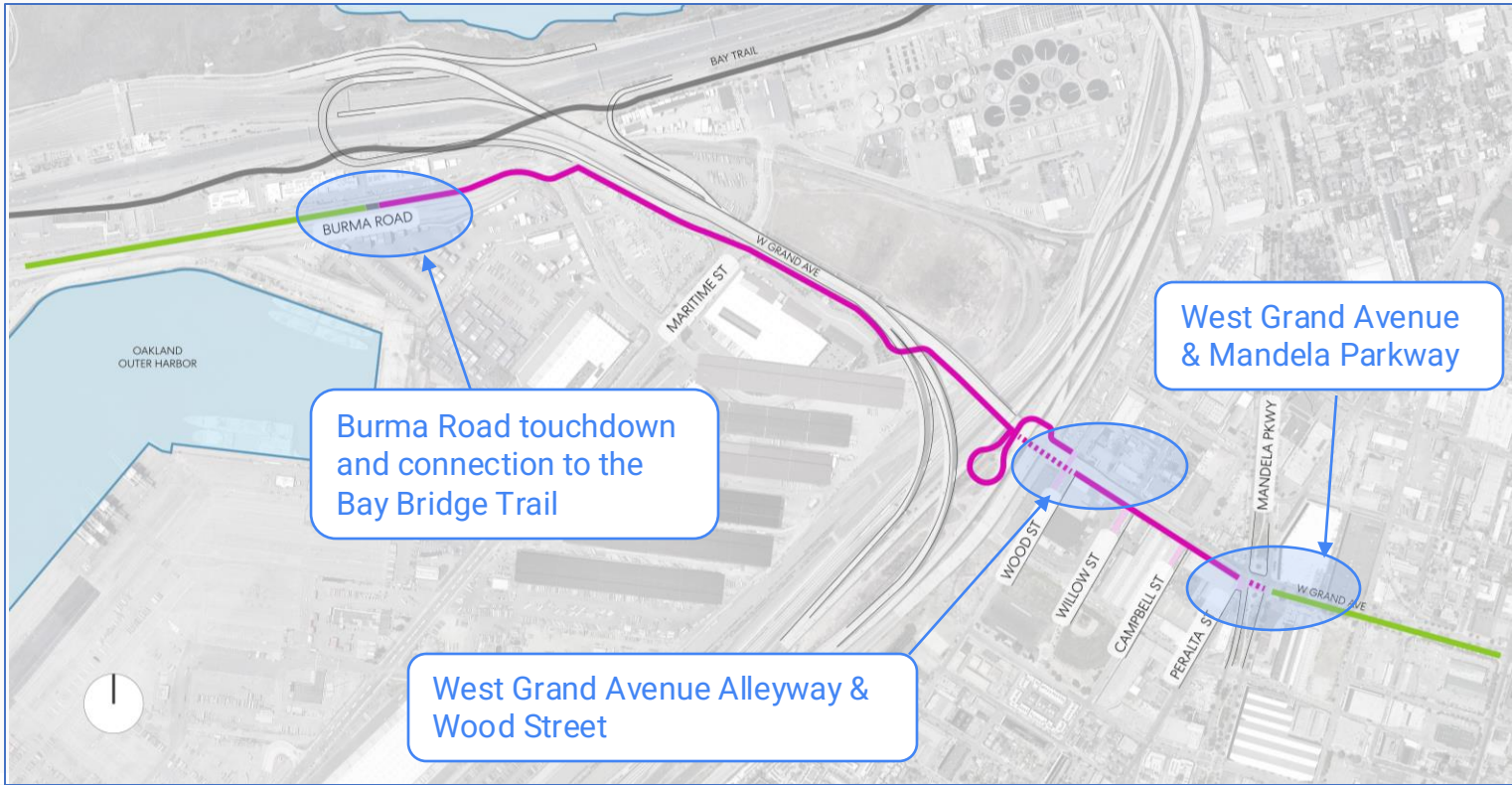


Maps and Information Signs

Map and information signs can be located at trailheads, where regionally significant bikeways intersect, at points of interest, parks, & locations where important features are nearby.

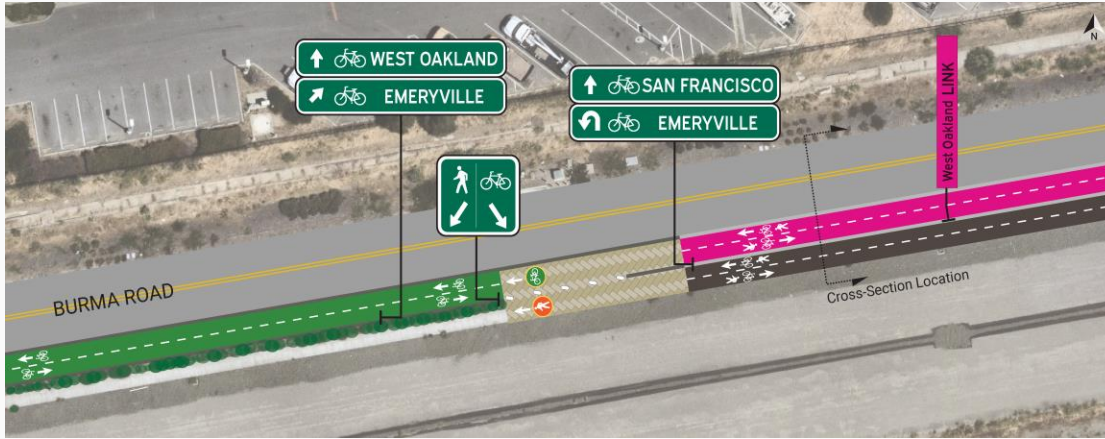
Bicycle and Pedestrian Design

Plan view locations

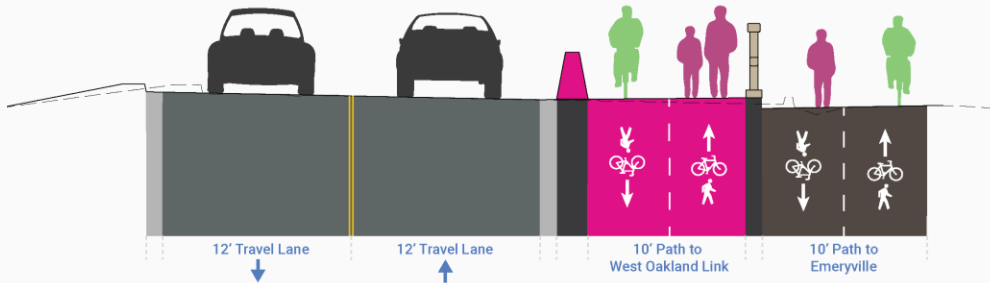


Bicycle and Pedestrian Design

Burma Road Ramp Transition



Cross Section: Burma Road Facing East



1

Wayfinding

- Clear directional signage
- Consistent symbols and markings

2

Safety

- Colored bike lanes
- Delineators & buffers
- Protected bicycle facilities

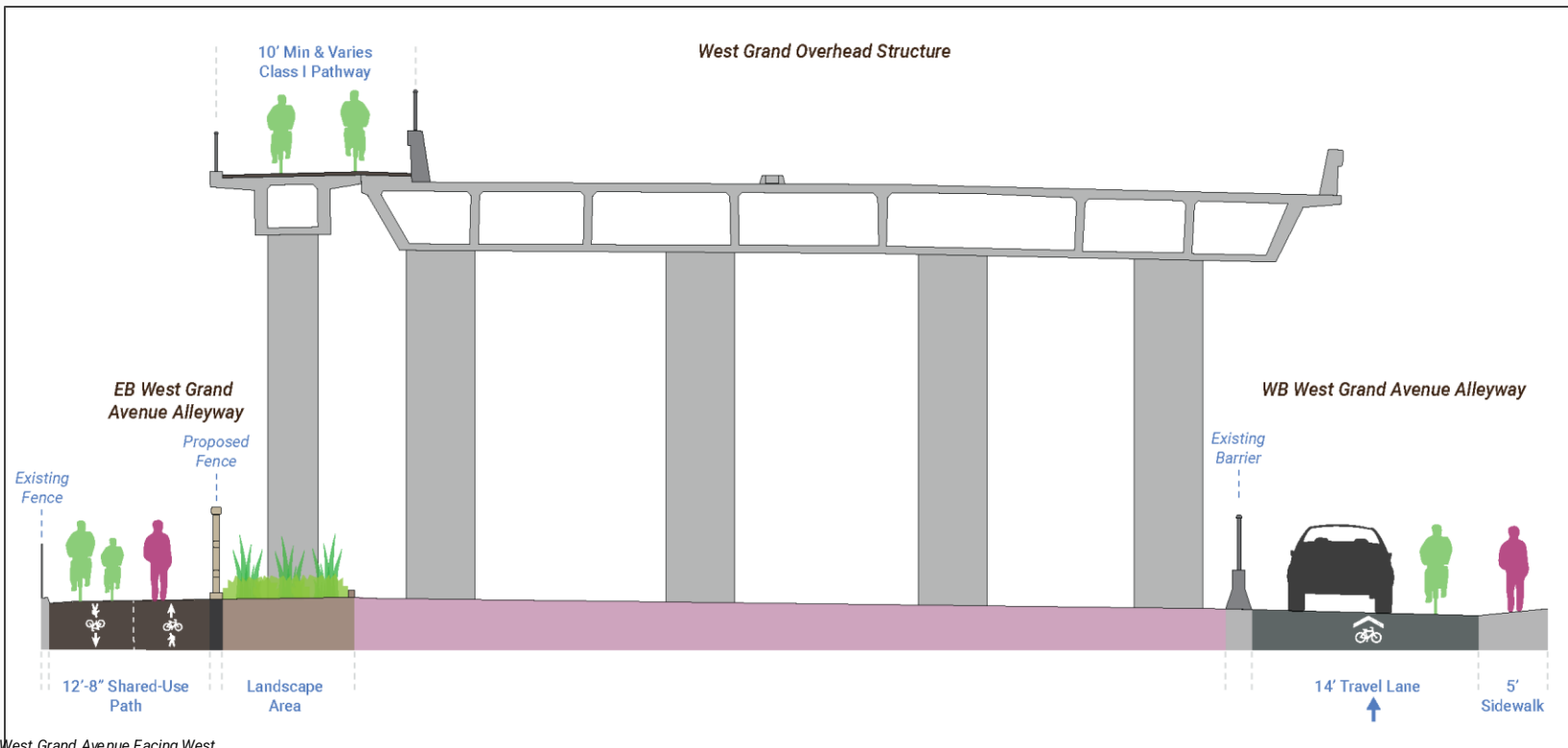
3

Accessibility

- Color and texture differentiation at the transition zone
- ADA compliant ramp slope

Bicycle and Pedestrian Design

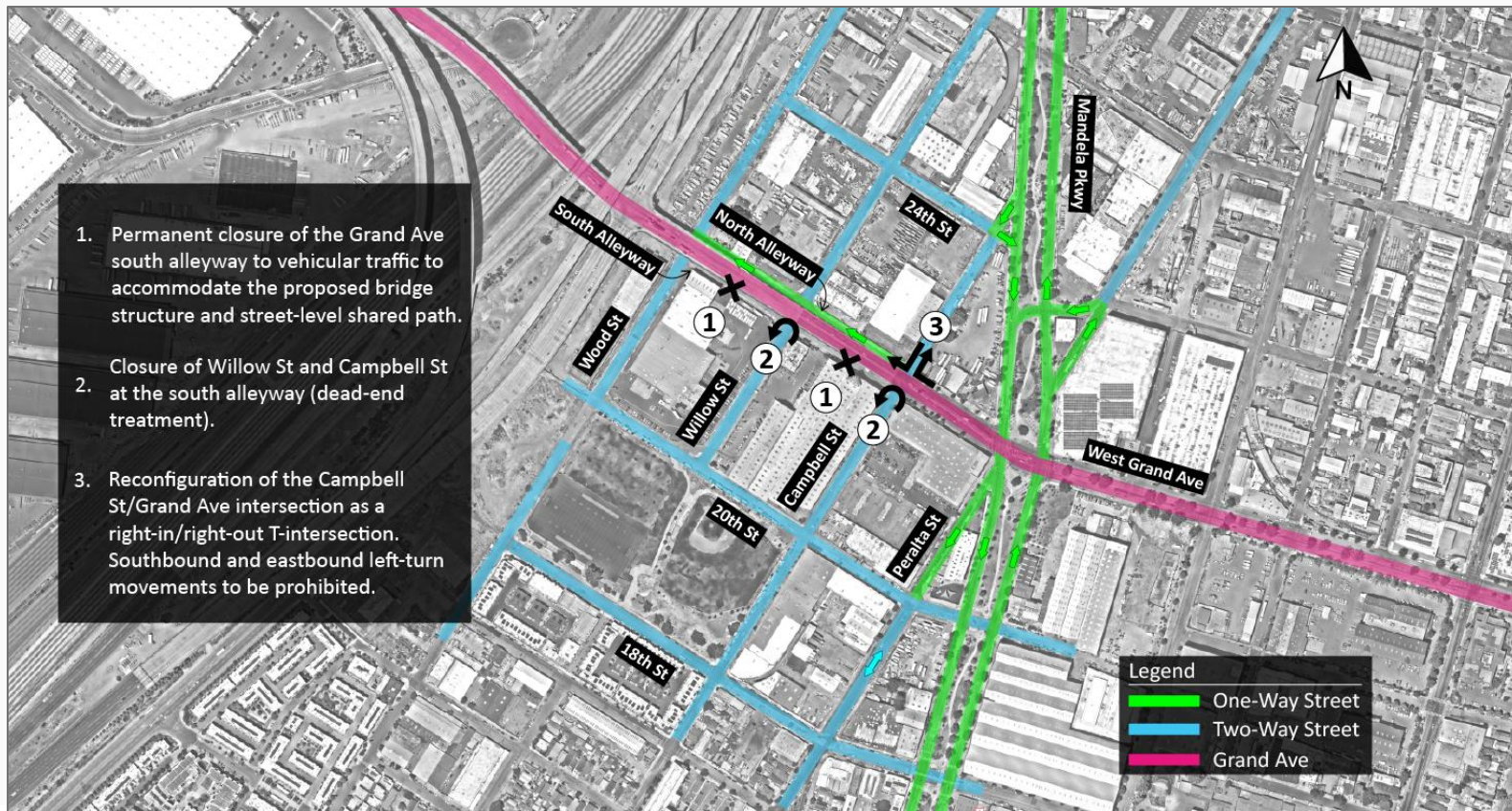
Wood Street & Grand Avenue Alleyways



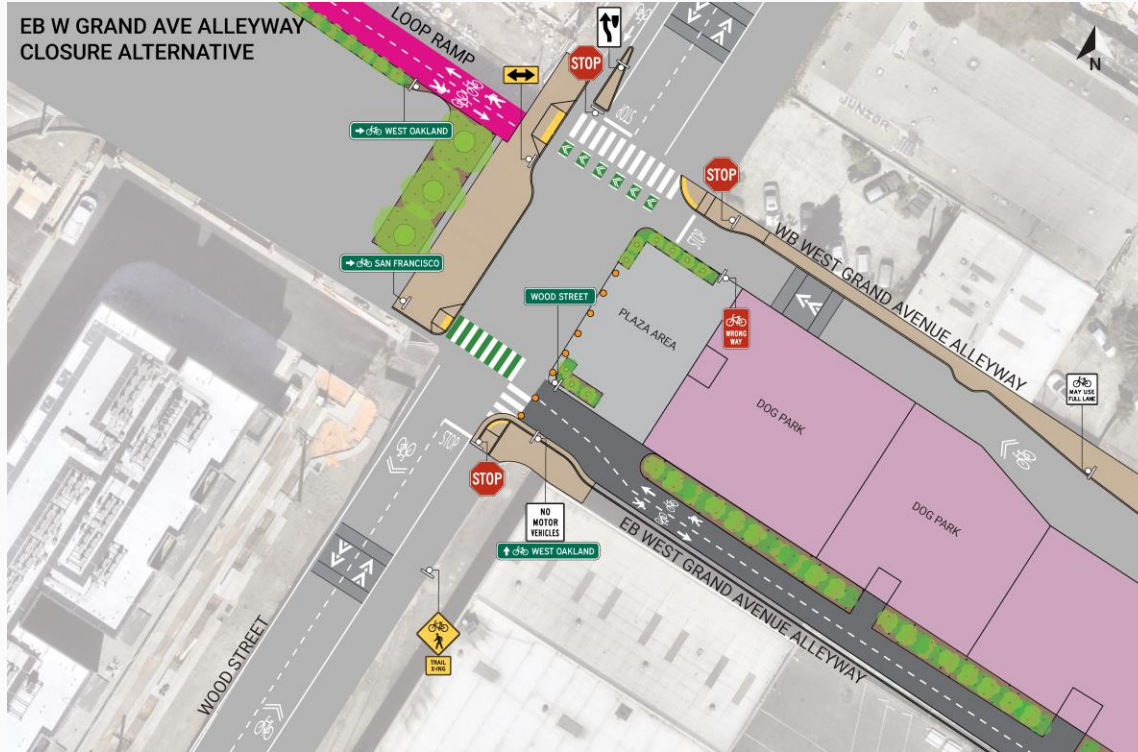
Cross Section: West Grand Avenue Facing West

COMMUNITY DESIGN REVIEW

Proposed Roadway Changes



Wood Street & Grand Avenue Alleyways – Current Design



Note: West Grand Avenue overhead structure not pictured

1

Wayfinding

- Clear directional signage
- Consistent symbols
- High-visibility crosswalks & bicycle lane extension markings

2

Safety

- Warning signs for drivers
- Speed tables
- Curb extensions
- Eliminated vehicular conflicts along EB West Grand Avenue Alleyway

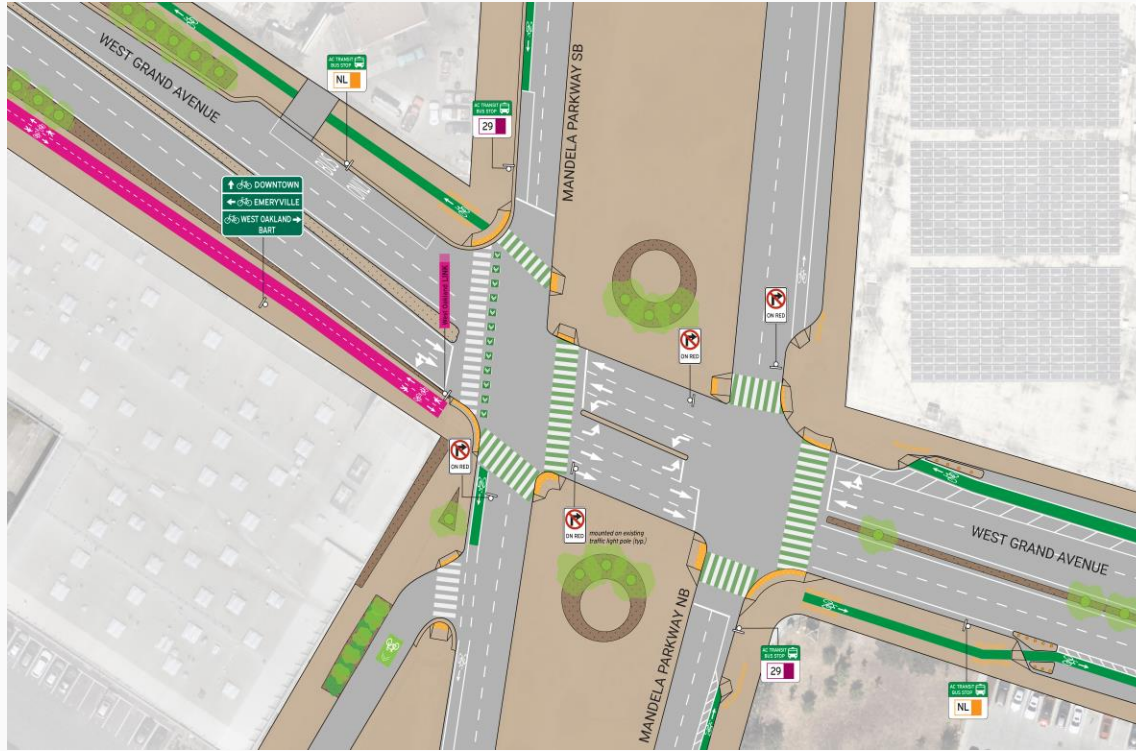
3

Accessibility

- Loop ramp provides alternative to West Grand Avenue overhead structure on-street path segment
- Detectable surfaces at ramps

Bicycle and Pedestrian Design

West Grand Avenue & Mandela Parkway



1

Wayfinding

- Consistent symbols
- High-visibility crosswalks & bicycle lane extension markings
- Colored bike lanes

2

Safety

- Right-turn-on-red prohibition at all approaches
- Curb extensions, medians, and islands
- Protected bicycle facilities

3

Accessibility

- Various crossing options for all ages and abilities
- Realigned crosswalks to meet pedestrian desire lines
- Detectable surfaces at ramps

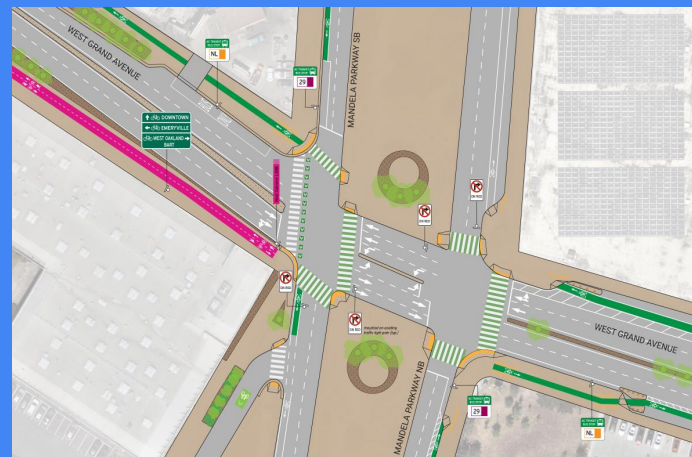
BURMA ROAD

↑ WEST OAKLAND
↑ EMERYVILLE

↑ SAN FRANCISCO
↑ EMERYVILLE

↑ WEST OAKLAND LINK

Cross Section Location





landscape



framework

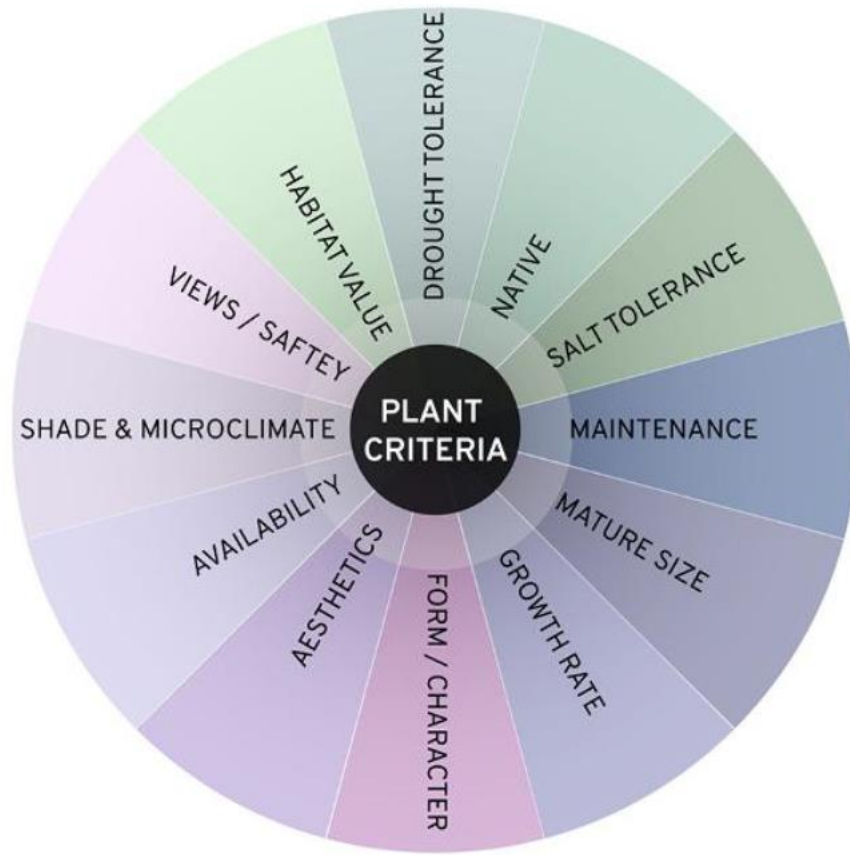
Biodiversity

Pollinator patterns

Low water use

Native planting

PLANTING CRITERIA



PLANTING CONSIDERATIONS

- Prioritize native plants in the coastal scrub plant community.
- Extremely hardy, salt, and dog waste tolerant for durability and ease of maintenance
- Low water use and drought tolerant
- Attract pollinators and support biodiversity
- Filter air pollution, treat stormwater, and sequester carbon
- Support a safe and welcoming environment

TREES



QUERCUS AGRIFOLIA
(California Live Oak)
mature height:
40' to 60'
mature spread:
40' to 50'



LOPHOSTEMON CONFERTUS
(Brush Box)
mature height:
25' to 40'
mature spread:
15' to 25'



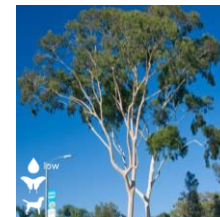
LAGERSTROEMIAS
(Crape myrtle)
mature height:
20' to 30'
mature spread:
10' to 15'



SAMBUCUS MEXICANA
(Mexican Elderberry)
mature height:
15' to 30'
mature spread:
25' to 35'



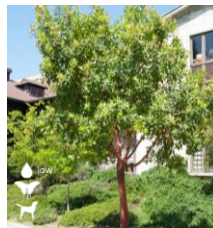
AESCULUS CALIFORNICA
(California Buckeye)
mature height:
15' to 30'
mature spread:
15' to 30'



CORYMBIA CITRIODORA
(Lemon-scented gum)
mature height:
40' to 100'
mature spread:
15' to 50'



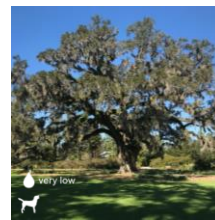
PINUS CANARIENSIS
(Canary Island pine)
mature height:
50' to 80'
mature spread:
20' to 35'



ARBUTUS MARINA
(Marina Strawberry Tree)
mature height:
25' to 40'
mature spread:
20' to 30'



AFROCARPUS GRACILIOR
(African fan pine)
mature height:
40' to 60'
mature spread:
20' to 30'



QUERCUS VIRGINIANA
(Southern Live Oak)
mature height:
40' to 80'
mature spread:
60' to 100'



CERCIS OCCIDENTALIS
native
mature height:
10' to 18'
mature size:
10' to 18'

- CA Native
- WUCOLS Rating
- Pollinator plant
- Dog Waste Tolerant

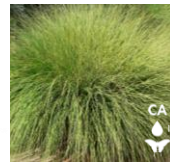
PLANT PALETTE



LEYMUS
ARENARIUS
(Blue Lyme)



CEANOTHUS X
IMPRESSUS
(Dark star ceanothus)



MUHLENBERGIA
RIGENS
(Deergrass)



ENCELIA
(Brittlebush)



ARTEMISIA
CALIFORNICA
(California sagebrush)



EPILOBIUM
CANUM
(California fuchsia)



COREOPSIS
(Tickseed)



ERIOGONUM
FASCICULATUM
(California buckwheat)



ESCHSCHOLZIA
CALIFORNICA
(California poppy)



TRITELEIA LAXA
(Brodiaea 'Queen
Fabiola')



CLARKIA
RUBICUNDA
(Ruby chalice clarkia)



SALVIA SPATHACEA
(Hummingbird sage)



RHAMNUS
CALIFORNICA
(California)



ACANTHUS MOLLIS
(Bear's breech)



CEANOTHUS
AZUREUS
(Ceanothus Concha)



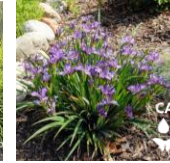
CEANOTHUS
RIGIDUS
(Monterey Ceanothus)



FESTUCA
CALIFORNICA
(California Fescue)



SESLERIA X
'GREENLEE HYBRID'
(Greenlee's Moor Grass)



IRIS
DOUGLASIANA
(Douglas Iris)



SYMPHYOTRIC
HUM CHILENSE
(California Aster)



MIMULUS
AURANTIACUS
(Bush Monkeyflower)



CORREA 'DUSKY
BELLS'
(Australian Fuchsia)



LOMANDRA
LONGIFOLIA
(Dwarf Mat Rush)



PHYSOCARPUS
CAPITATUS
(Pacific ninebark)



RIBES
SPECIOSUM
(Fuchsia-flowered
Gooseberry)



SCROPHULARIA
CALIFORNICA
(California bee plant)

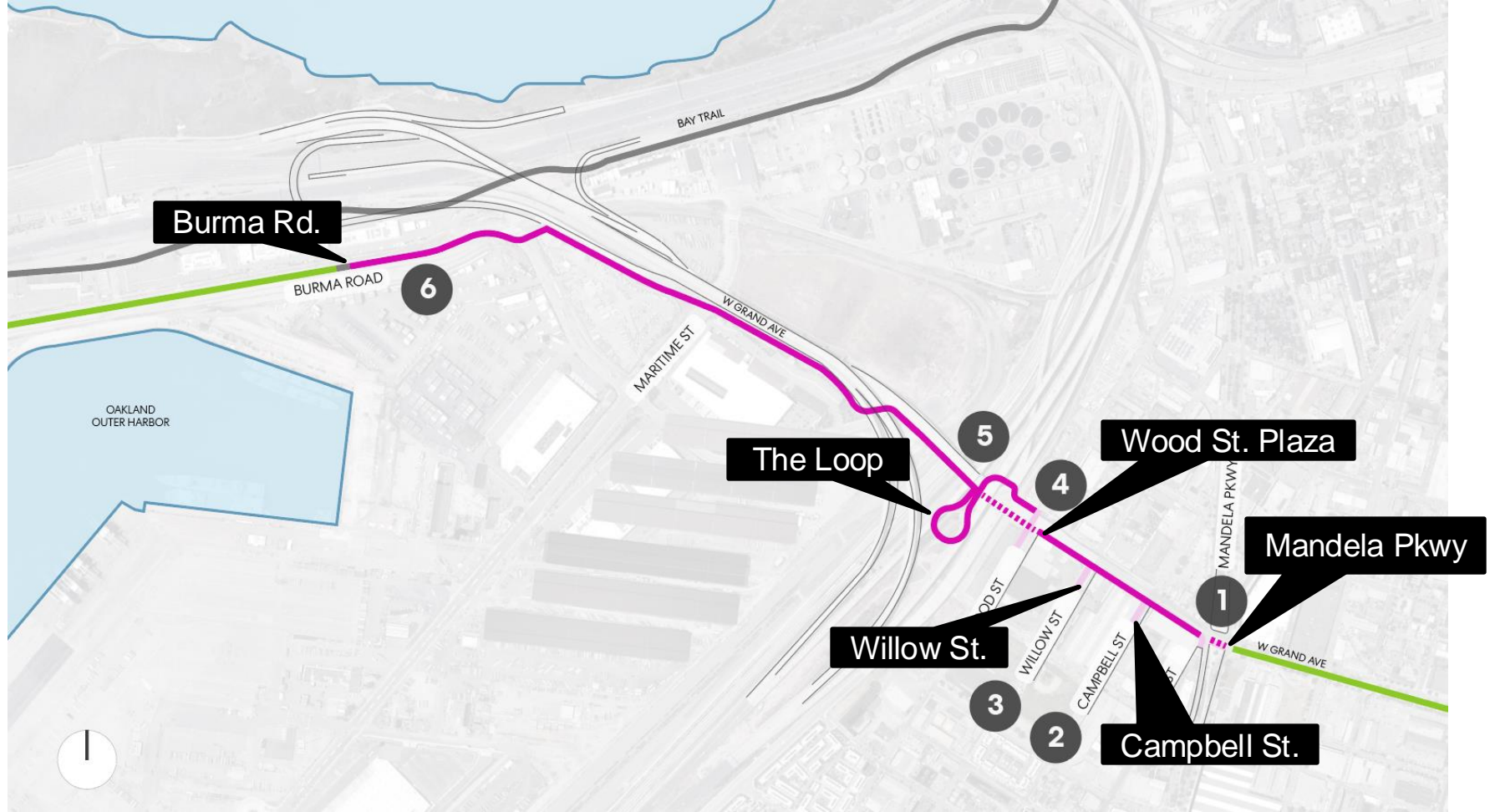


CHONDROPETALUM
TECTORUM
(Cape rush)



LEPCHINIA
FRAGRANS
(Pitcher sage)

- CA Native
- WUCOLS Rating
- Pollinator plant
- Dog Waste Tolerant



→ MANDELA PKWY



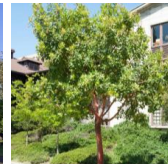
AESCULUS
CALIFORNICA
(California Buckeye)



CERCIS
OCCIDENTALIS
(Western Redbud)



LOPHOSTEMON
CONFERTUS
(Brush Box)



ARBUTUS MARINA
(Marina Strawberry Tree)



LEYMUS
ARENARIUS
(Blue Lyme Grass)



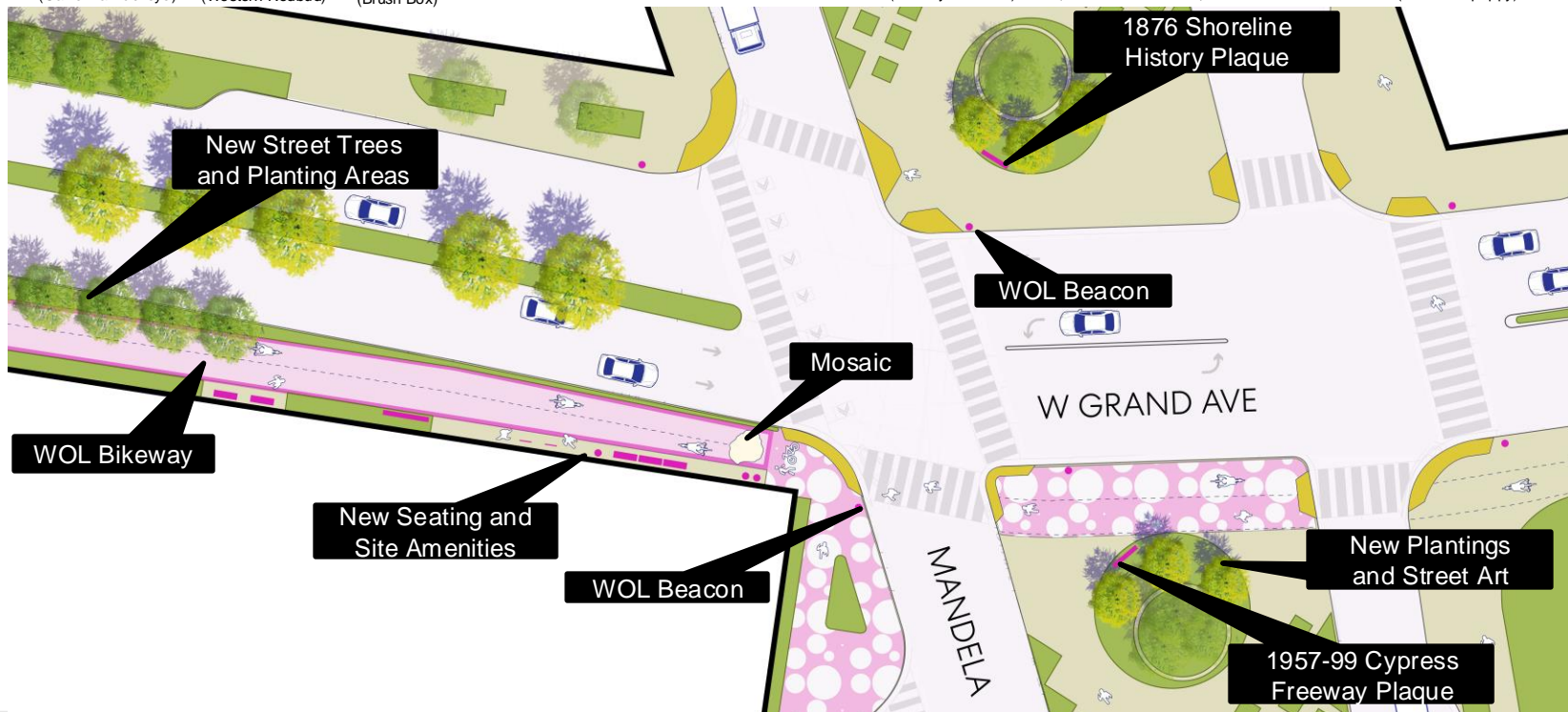
CEANOTHUS X
IMPRESSUS
(Dark star ceanothus)



EPILOBIUM
CANUM
(California fuschia)



ESCHSCHOLZIA
CALIFORNICA
(California poppy)



→ MANDELA PKWY



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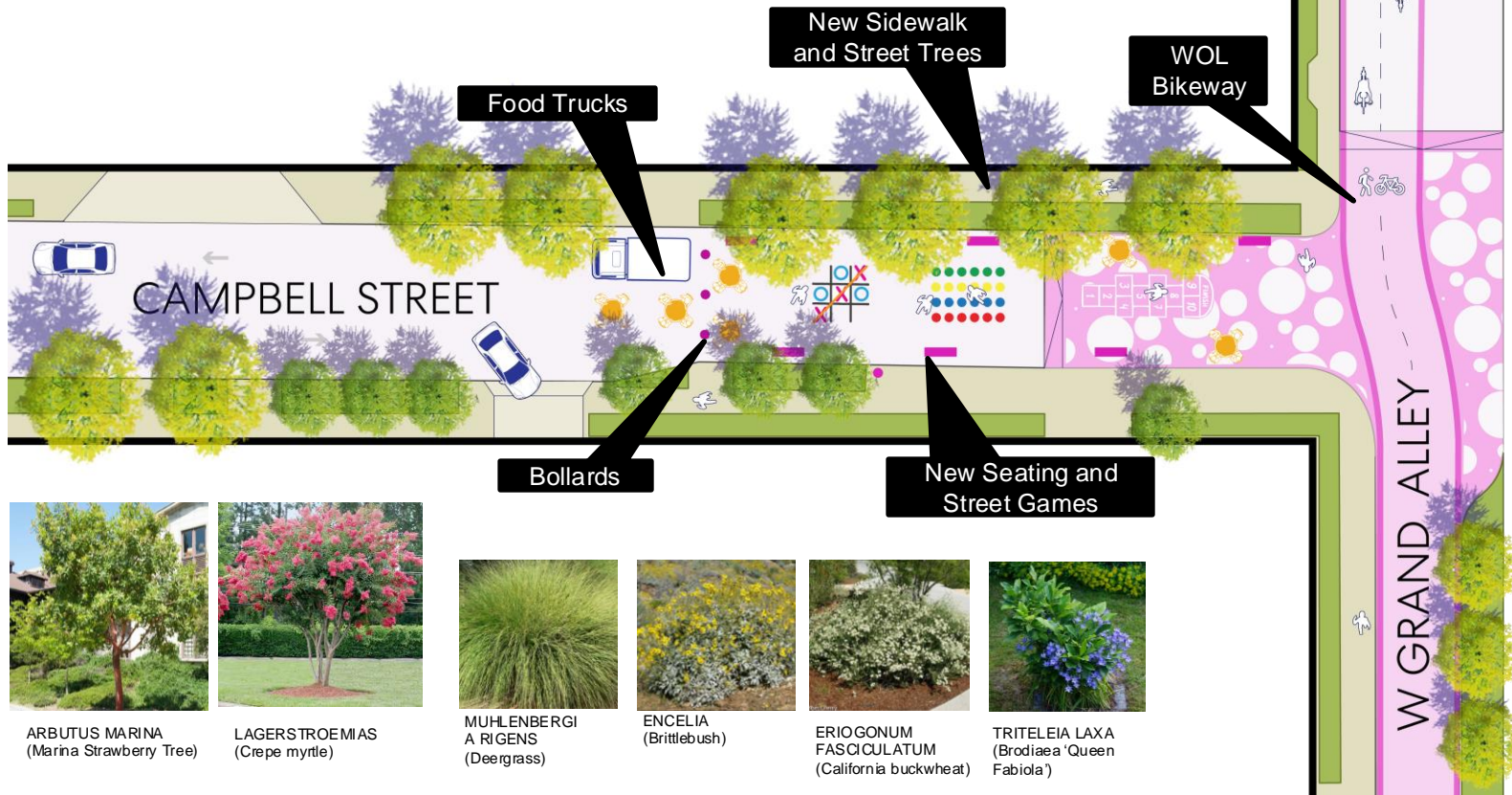


COMMUNITY DESIGN REVIEW



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2 CAMPBELL ST



2 CAMPBELL ST



West Oakland
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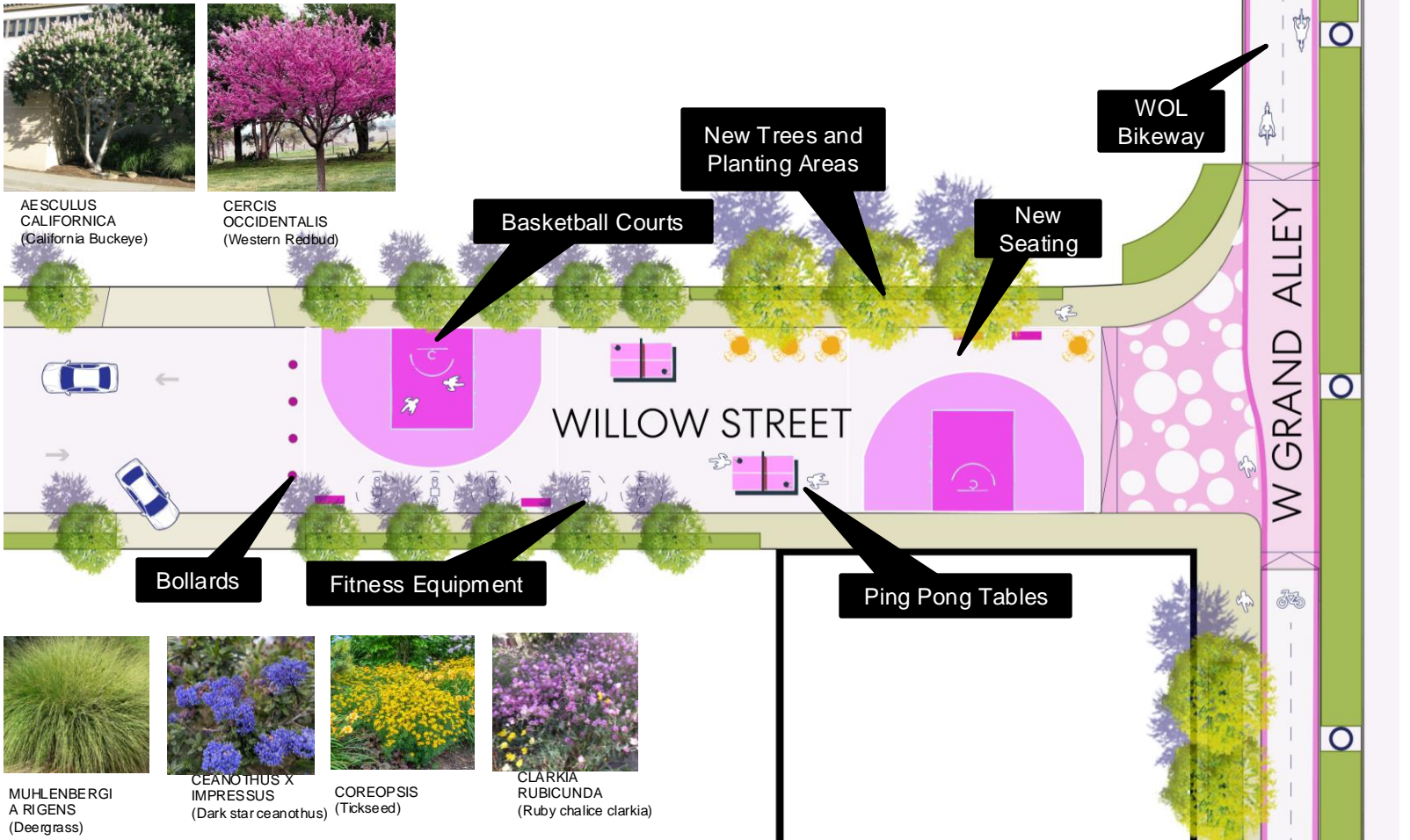
TYLin

WILLOW ST 3



AESCULUS
CALIFORNICA
(California Buckeye)

CERCIS
OCCIDENTALIS
(Western Redbud)



MUHLENBERGIA
RIGENS
(Deergrass)



CEANOTHUS X
IMPRESSUS
(Dark star ceanothus)



COREOPSIS
(Tickseed)



CLARKIA
RUBICUNDA
(Ruby chalice clarkia)

3 WILLOW ST



West Oakland
Environmental
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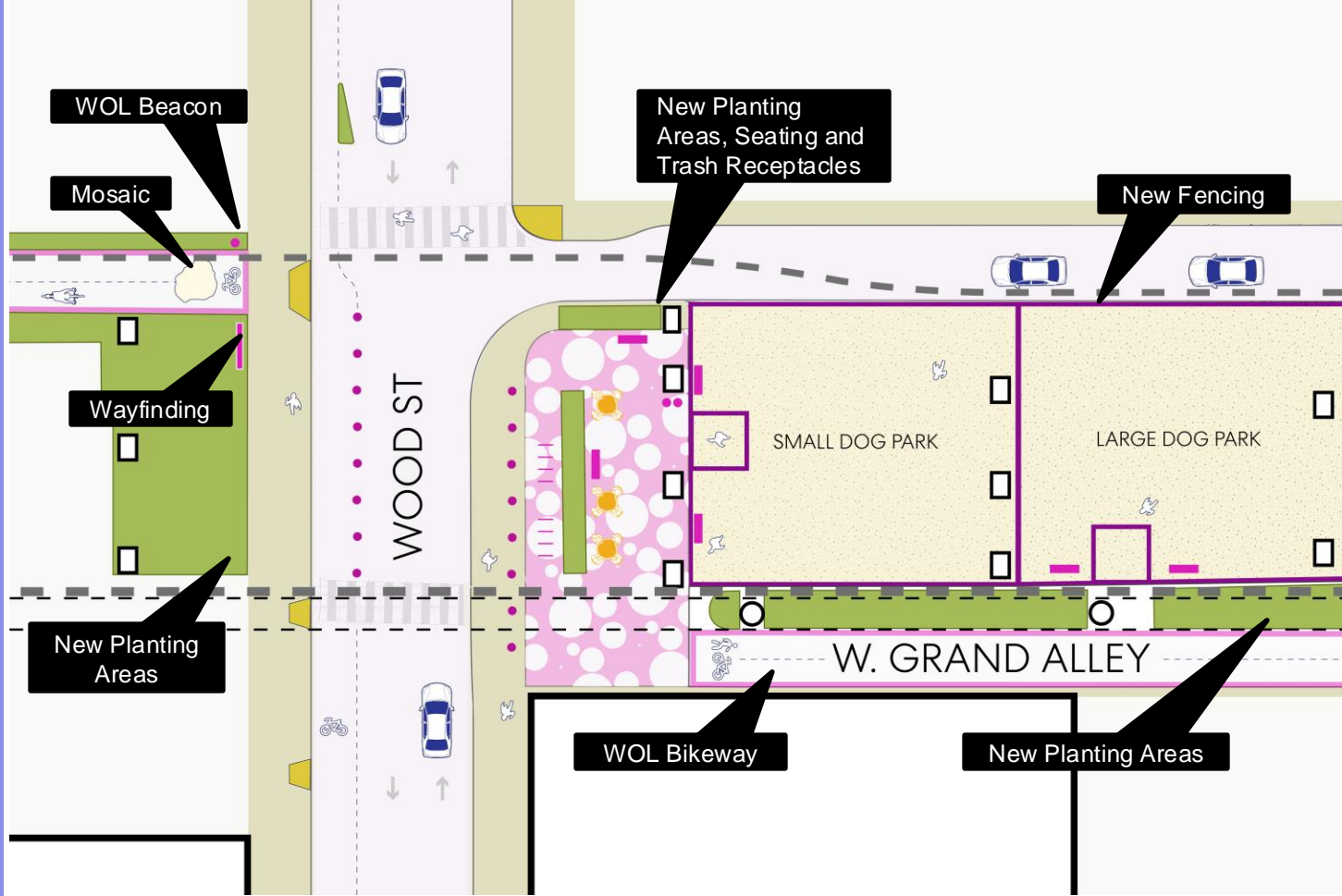


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4 DOG PARK



CORREA DUSKY BELLS' (Australian Fuschia)



LOMANDRA LONGIFOLIA (Dwarf Mat Rush)



RIBES SPECIOSUM (Fuchsia-flowered Gooseberry)

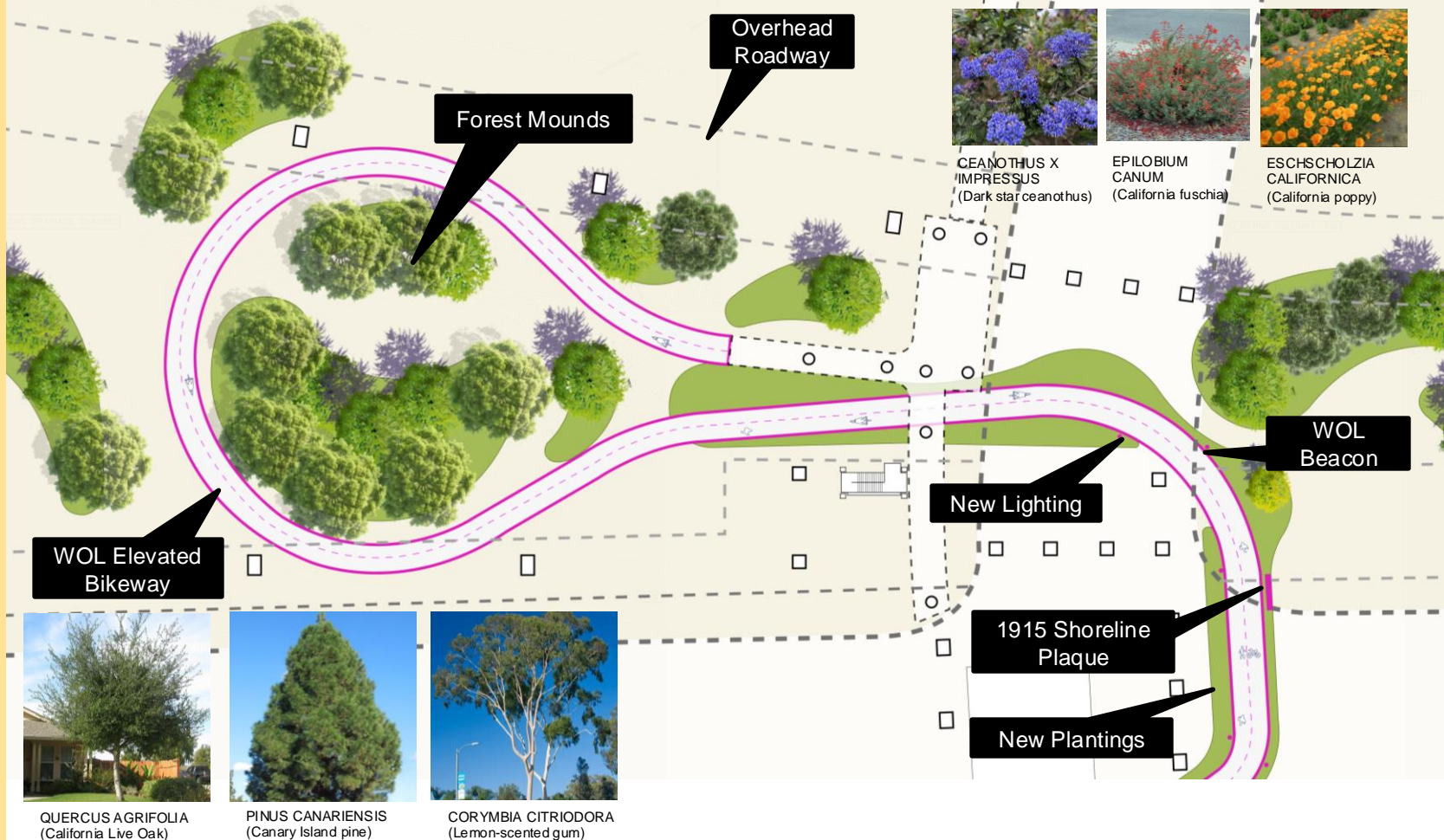


TRITELEIA LAXA (Brodiaea 'Queen Fabiola')

4 DOG PARK



5 WOL LOOP



QUERCUS AGRIFOLIA
(California Live Oak)



PINUS CANARIENSIS
(Canary Island pine)



CORYMBIA CITRIODORA
(Lemon-scented gum)

CEANOTHUS X IMPRESSUS
(Dark star ceanothus)

EPILOBIUM CANUM
(California fuchsia)

ESCHSCHOLZIA CALIFORNICA
(California poppy)

New Lighting

1915 Shoreline Plaque

New Plantings

WOL Beacon

5 WOL LOOP



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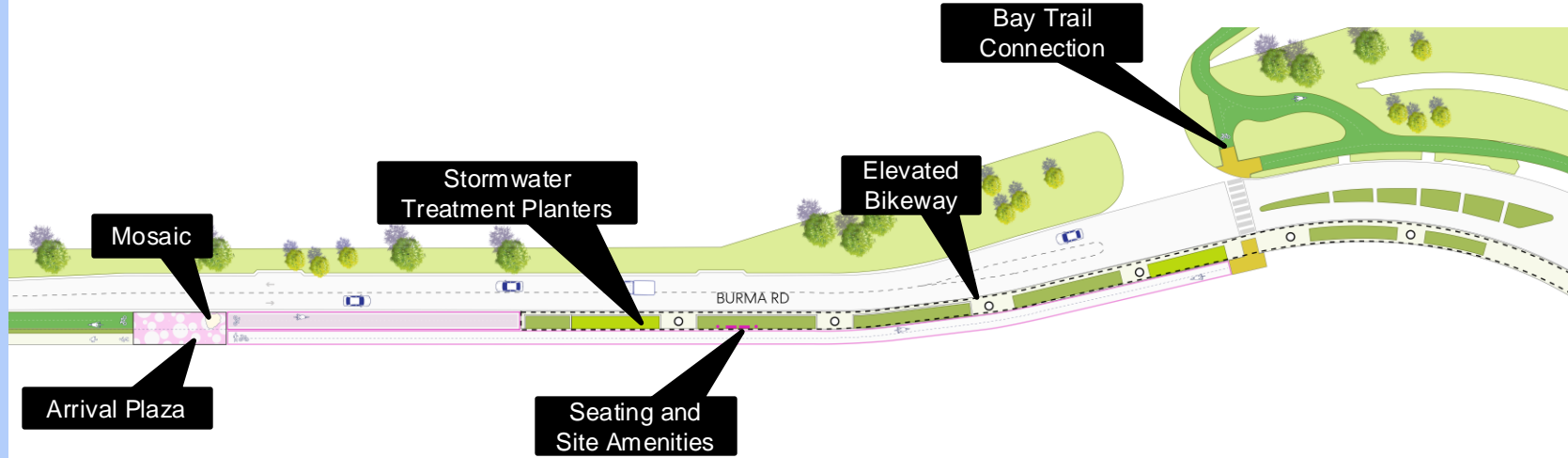


COMMUNITY DESIGN REVIEW



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6 BURMA ROAD



LEYMUS
ARENARIUS
(Blue Lyme Grass)



LOMANDRA
LONGIFOLIA
(Dwarf Mat Rush)



SESLERIA X
'GREENLEE HYBRID'
(Greenlee's Moor Grass)



CHONDROPETALUM
TECTORUM
(Cape rush)



IRIS
DOUGLASIANA
(Douglas Iris)

PROJECT COLOR



Color as a Unifying Element

- Make it different from the Freeway
- Differentiate the WOL Bike Path
- Signature Elements – both on Structure and off Structure
- Support a safe and welcoming environment

Bay Bridge Steel Program

Adaptive reuse

Scrap steel from the demolition of the historic East Span of the San Francisco-Oakland Bay Bridge was picked up late last week by selected artists, architects and designers for repurposing into public art projects. The innovative Bay Bridge Steel Program, created in response to significant public interest from Bay Area creative communities to make steel from the dismantled bridge available for repurposing and reuse, is being administered by the Oakland Museum of California under the direction of MTC and its Bay Area Toll Authority (BATA) offshoot, along with MTC/BATA's partners on the Toll Bridge Program Oversight Committee.

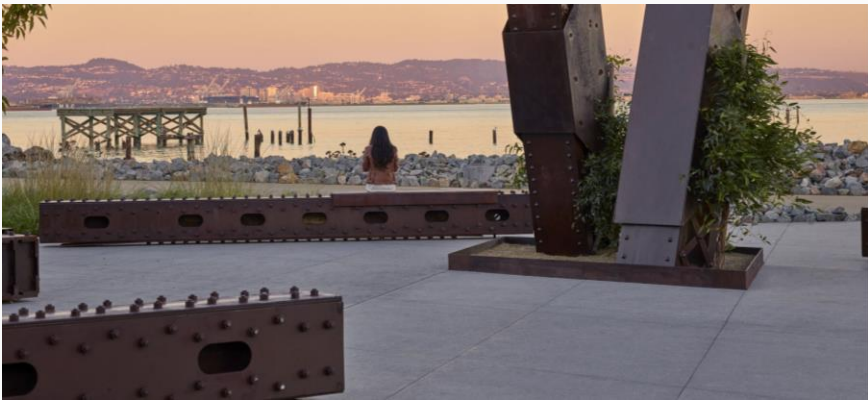


Bay Bridge Steel Salvage Yard



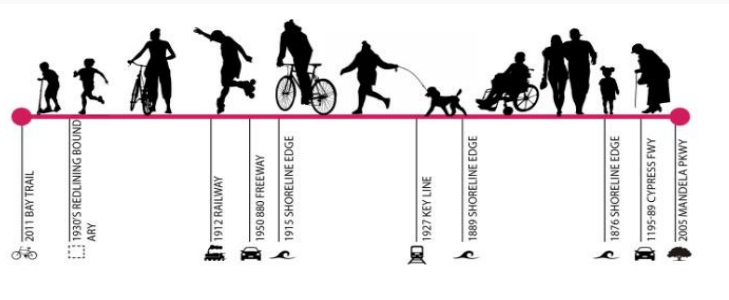
Bay Bridge Steel

New Parks In San Francisco

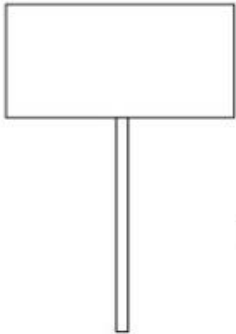


West Oakland Link

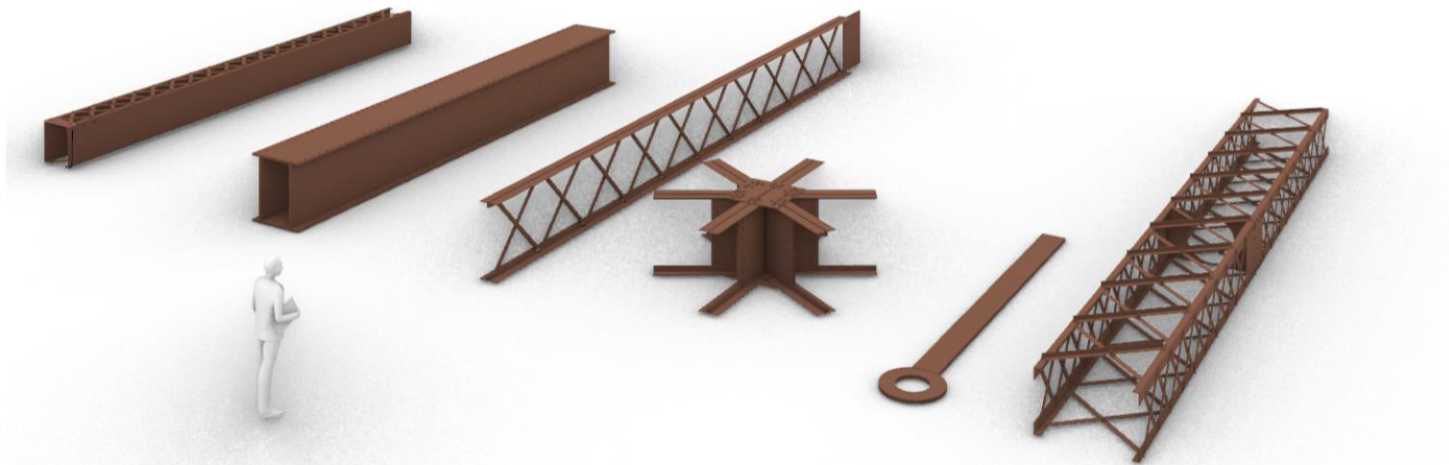
A material opportunity for storytelling



Could some of the beacons, signs, and furniture be made from Bay Bridge Steel?



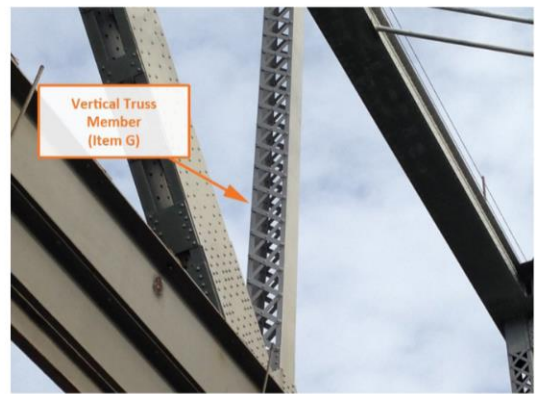
Bay Bridge Steel Parts



A starting point

Bay Bridge Steel

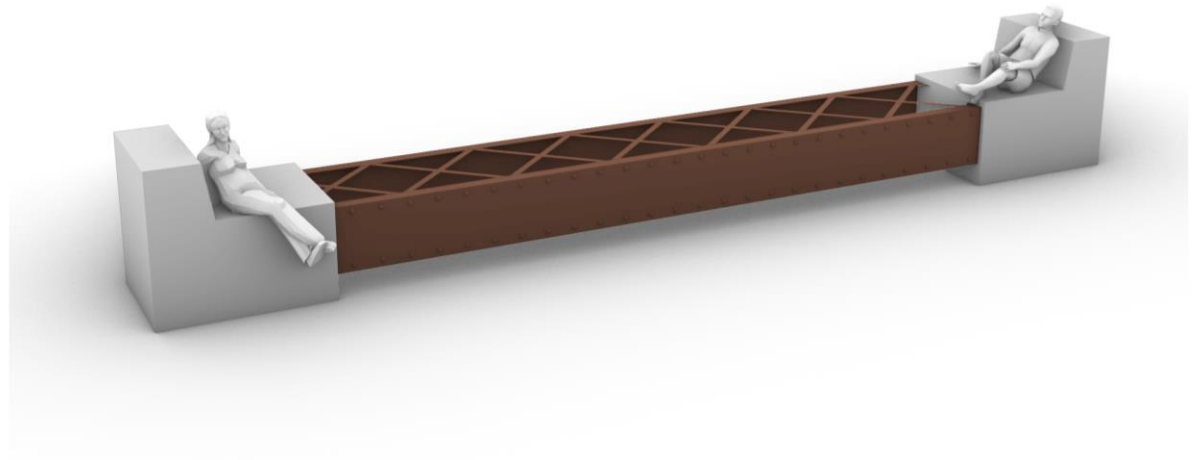
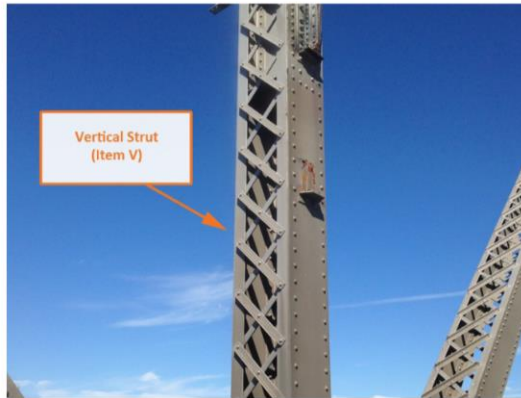
Should some of the beacons be made from Salvaged Bay Bridge Steel?



What stories would they tell?

Bay Bridge Steel

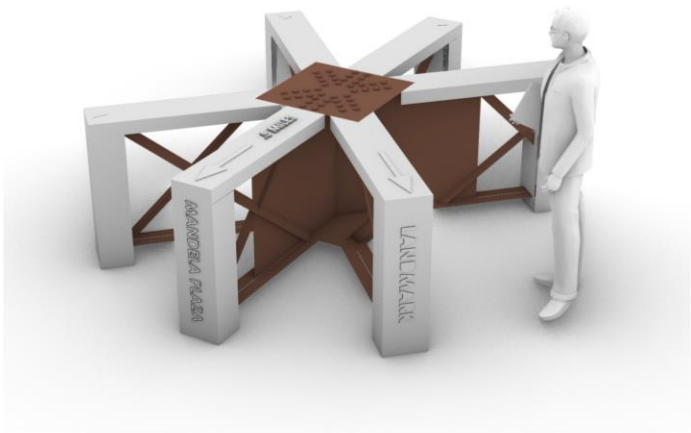
Should some of the benches be made from Salvaged Bay Bridge Steel?



What stories would they tell?

Bay Bridge Steel

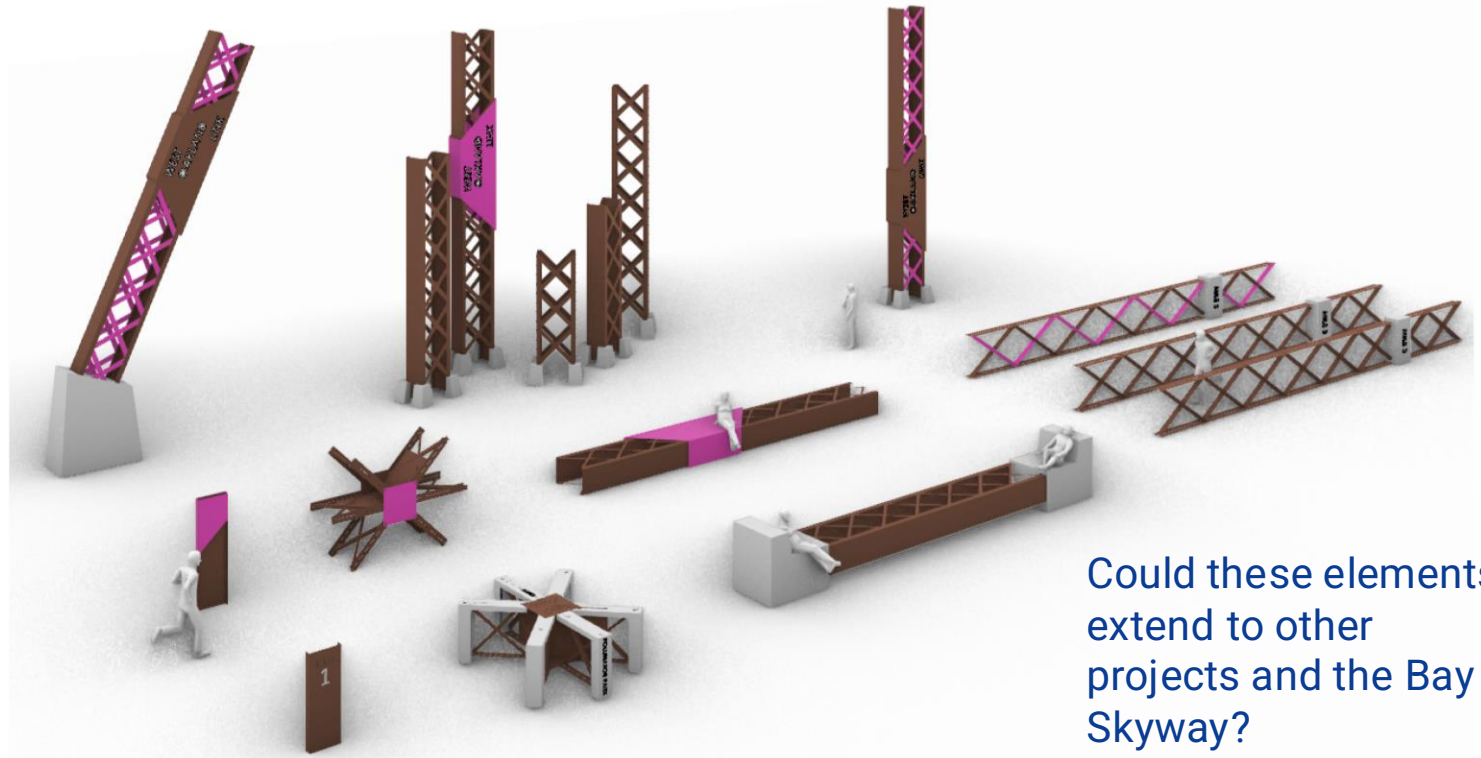
Could some of the signs be made from Salvaged Bay Bridge Steel?



What stories would they tell?

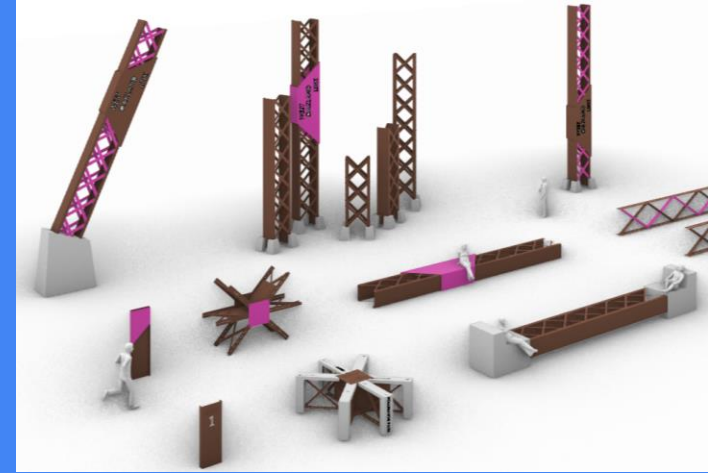
Bay Bridge Steel

How can these elements become a strong unifying identity for the West Oakland Link?



Could these elements extend to other projects and the Bay Skyway?

Questions on Landscape and Site Amenities?



Upcoming Events

- March 1st - Fanfest @ Raimondi Park between 11 am – 5 pm
- March 2nd – Raimondi Park Clean Up @ 10:30am. Hosted by Friends of Raimondi Park, West Oakland Clean Up, and Trash Falcons
- March 6th – In-person walking tour starting at Prescott Market @ 4:30pm
- March 6th – In-person at Prescott Market @ 5 – 7:30pm
- Final design community meeting – Summer/Fall 2025



COMMUNITY DESIGN REVIEW

