

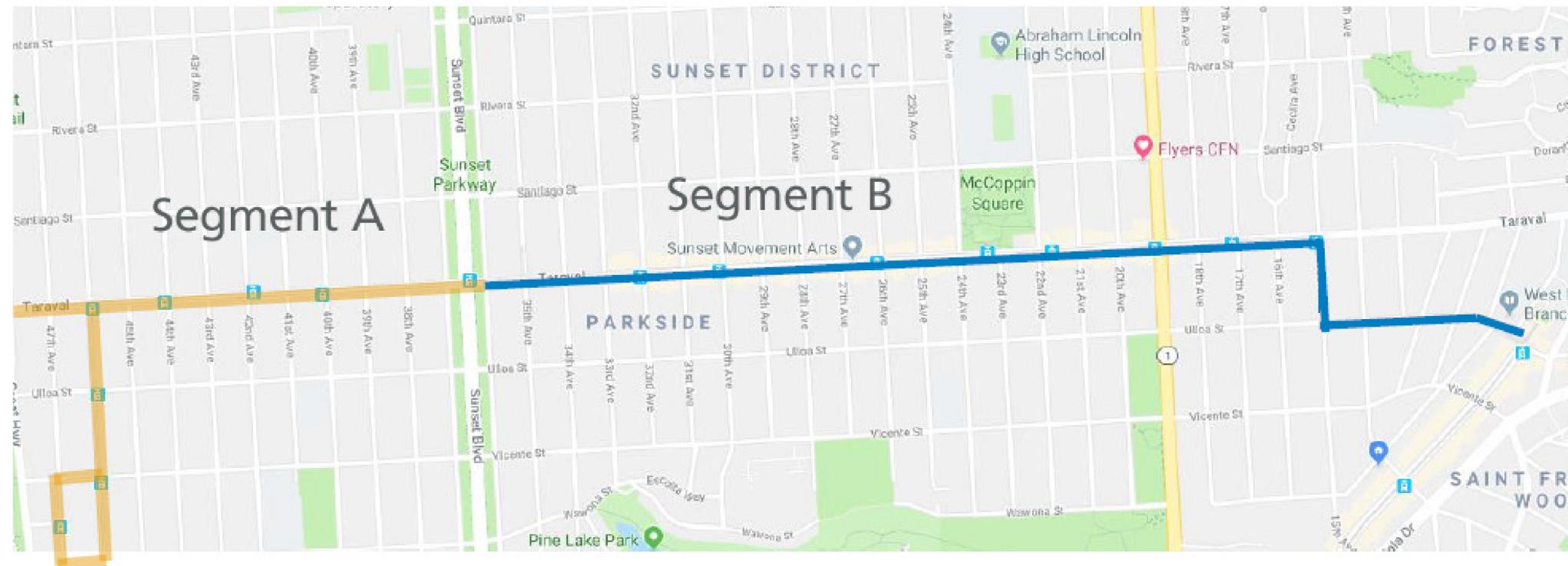
To Enhance and Improve

The goals of the project are to enhance safety and improve transit along the entire Taraval corridor while also adding much-needed water and sewer line upgrades

Major Elements

1. Rail track and overhead line replacement
2. Water and sewer line replacement
3. Surface repaving
4. Curb ramp upgrades
5. Concrete boarding islands and pedestrian bulbs
6. Traffic signals
7. New trees and landscaping

Construction Schedule



Segment A

SF Zoo to Sunset Blvd

Construction to begin in early 2019 and continue through Summer 2020

Segment B

Sunset Blvd to West Portal

Construction to begin in late 2019 and continue through 2021

CORRIDOR CHARACTER

Design Opportunities

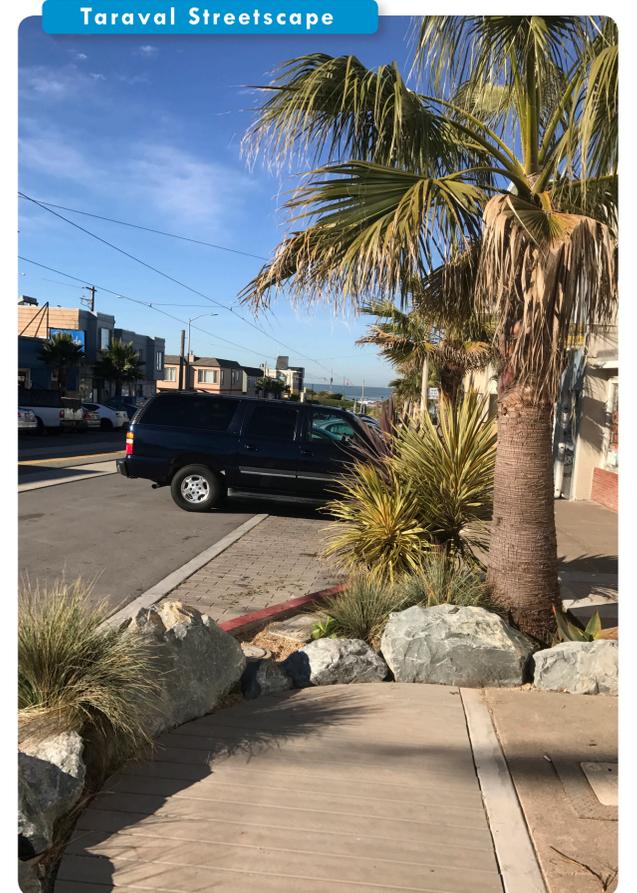
- Extension of “Boulders/Blues & Surf/Succulents” theme
- Coastal planting palette
- Warm materials palette
- Vibrant colors and textures



View down Taraval Street



Planting Schemes



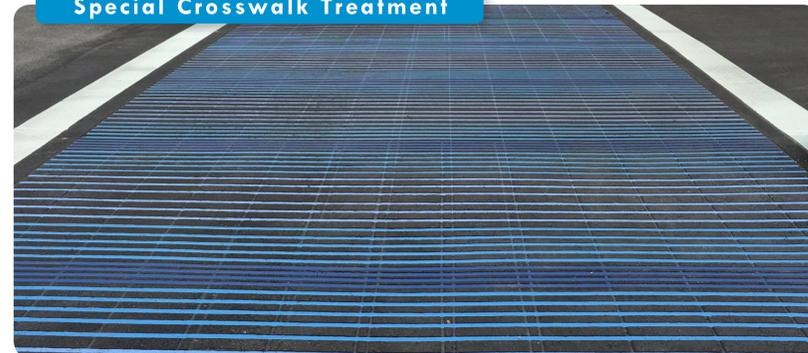
Taraval Streetscape



Special Crosswalk Treatment



Mosaic Gateway Element



MATERIALS PALETTE

HARDSCAPE PALETTE OPTIONS

OPTION 1 - WARM SAND



OPTION 2 - COOL SLATE



Extend Special Crosswalk Treatment

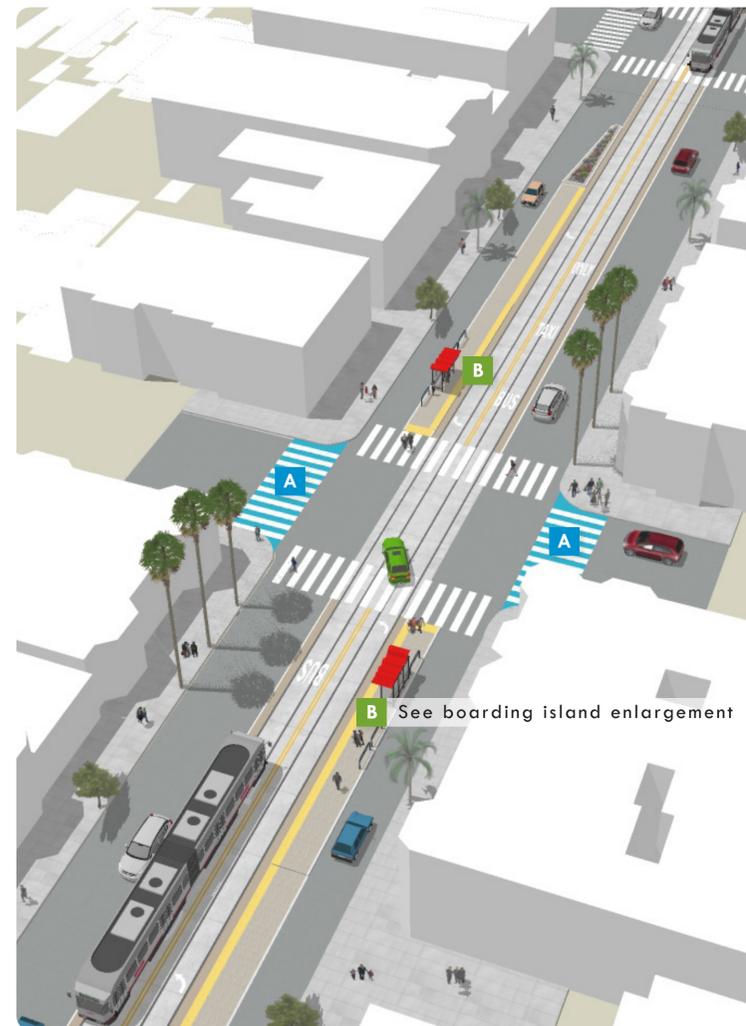


Exact design of special paving in crosswalk needs review and approval from SFMTA

Boarding Island Identification



*See left for color options



*See left for boarding island unit paver and outer trackway bands color options

Leaning Rails at Key Stops



Bike Racks



Streetscape Elements Summary

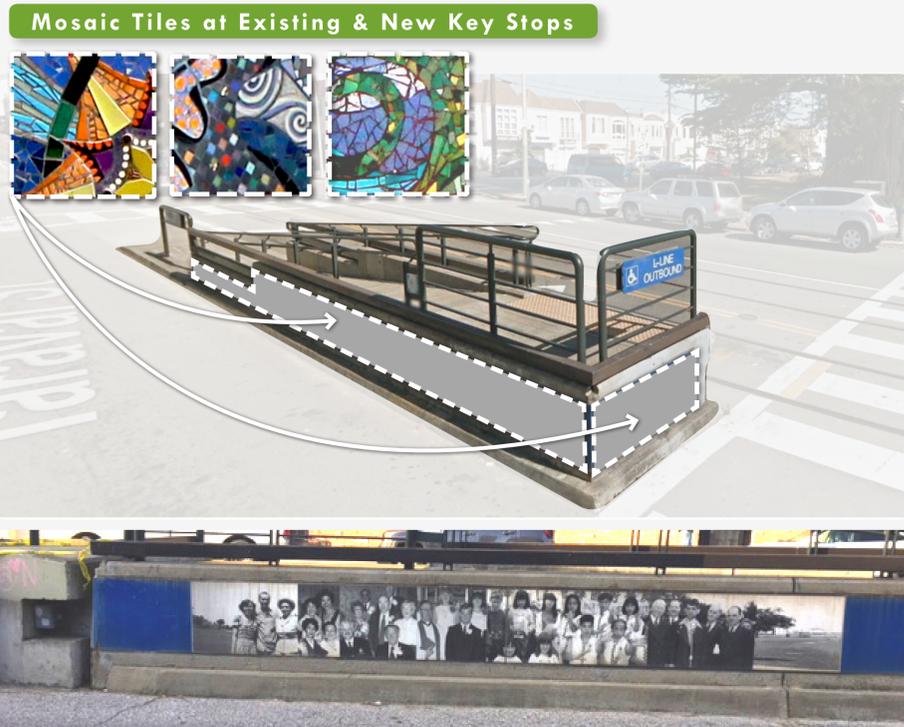
- Special crosswalk treatment at MUNI stop intersections
- Unit pavers at boarding islands
- Color concrete at outer bands of trackway
- Themed mosaic tiles at key stops
- Neighborhood specific vinyl graphics at bus shelters
- Leaning rails at key stops
- New bike racks & trash receptacles
- Infill tree planting & low planting with boulders at boarding islands thumbnails



NEIGHBORHOOD IDENTIFIERS | Streetscape Amenities



Existing Mosaic Gateway at Taraval & Great Highway



Mosaic Tiles at Existing & New Key Stops

Preserve existing murals at key stops (back side)

Vinyl Graphics at Bus Shelters



Shumate's Pharmacy at 19th & Taraval (1936)



*Shown as example only - exact design TBD

MOSAIC TILE THEME AT KEY STOP OPTIONS

*Shown as examples only - exact design TBD

OPTION 1 - CONTINUE TARAVAL GATEWAY THEME



OPTION 2 - CROSS STREET IDENTITY



BUS SHELTER GRAPHIC THEME OPTIONS

*Shown as examples only - exact design TBD

OPTION 1 - NEIGHBORHOOD HISTORY



Shumate's Pharmacy at 19th & Taraval (1936)



17th & Taraval (1951)



Taraval Street (1944)

OPTION 2 - NATIVE ECOLOGY & CULTURAL



Xerces Blue Butterfly



Lupine



Snowy Plover

PLANT PALETTE | Infill Trees Planting Studies

Existing Tree Canopy Along Taraval Project Area Shown



Existing Trees

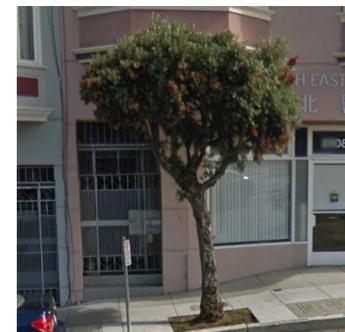
URBAN FOREST FACT:
49% OF TREES ON TARAVAL ST. IN THE PROJECT AREA
ARE LESS THAN 2" DIAMETER BREST HEIGHT (DBH)



Yew Podocarpus
Podocarpus macrophyllus
 (33 existing)



Japanese Flowering Cherry
Prunus serrulata
 (31 existing)



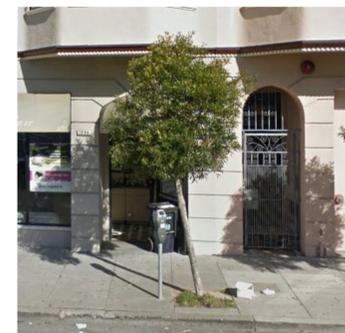
New Zealand Christmas Tree
Metrosideros excelsa
 (26 existing)



Myoporum
Myoporum laetum
 (16 existing)



Black Acacia
Acacia melanoxylon
 (15 existing)



Water Gum
Tristanopsis laurina
 (11 existing)

Why are trees important?

A **mature tree** in an urban environment provides up to **\$162,000** in ecosystem services*:

- Trees **absorb carbon dioxide** (Up to 25 pounds of CO2 per year)
- Trees **produce oxygen**
- Trees **reduce up to 60% of particulate pollution** in the air
- Trees **provide erosion control** and act as **flood control agents**
- Trees **provide habitat** for birds and beneficial insects

People are more likely to shop on streets that are planted with trees*
 Clean and green settings experience less petty crimes such as vandalism, graffiti and litter**

Trees act as traffic calming agents (drivers perceive the street as narrower)*

*Michael Kinsley - Rocky Mountain Institute, Denver CO
 **New Kensington Study-The Wharton School

Sunset/Project Area Planting Criteria

- Fog tolerant
- Wind tolerant
- Low-water use
- Low maintenance
- Maintain sight lines
- Drought tolerant
- Sandy soil tolerant
- Urban survivability
- Sun exposure

PLANT PALETTE | Infill Trees & Low Planting

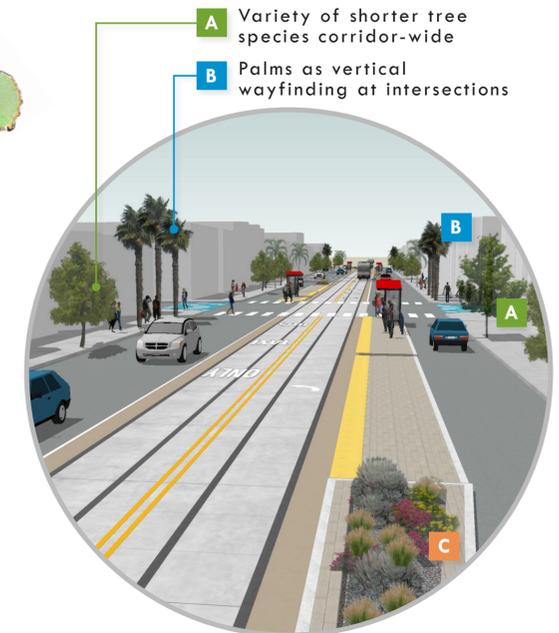
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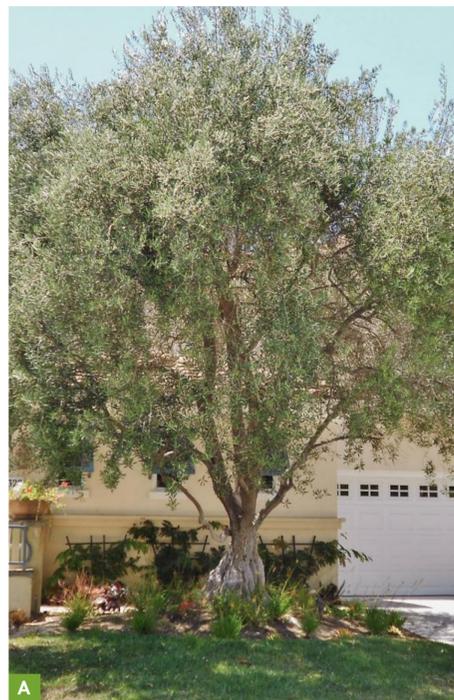
Proposed Planting Palette



C Low Planting & Accent Boulders at Boarding Islands (under 3' tall)



View from boarding island planter



A
Olive Tree
Olea europaea
'Majestic Beauty'



A
Cabbage Palm
Cordyline australis



A
Primrose Tree
Lagunaria patersonii



A
Peppermint Tree
Agonis flexuosa



A
Catalina Ironwood
Lyonothamnus floribundus
asplenifolius



B
Windmill Palm
Trachycarpus fortunei

