

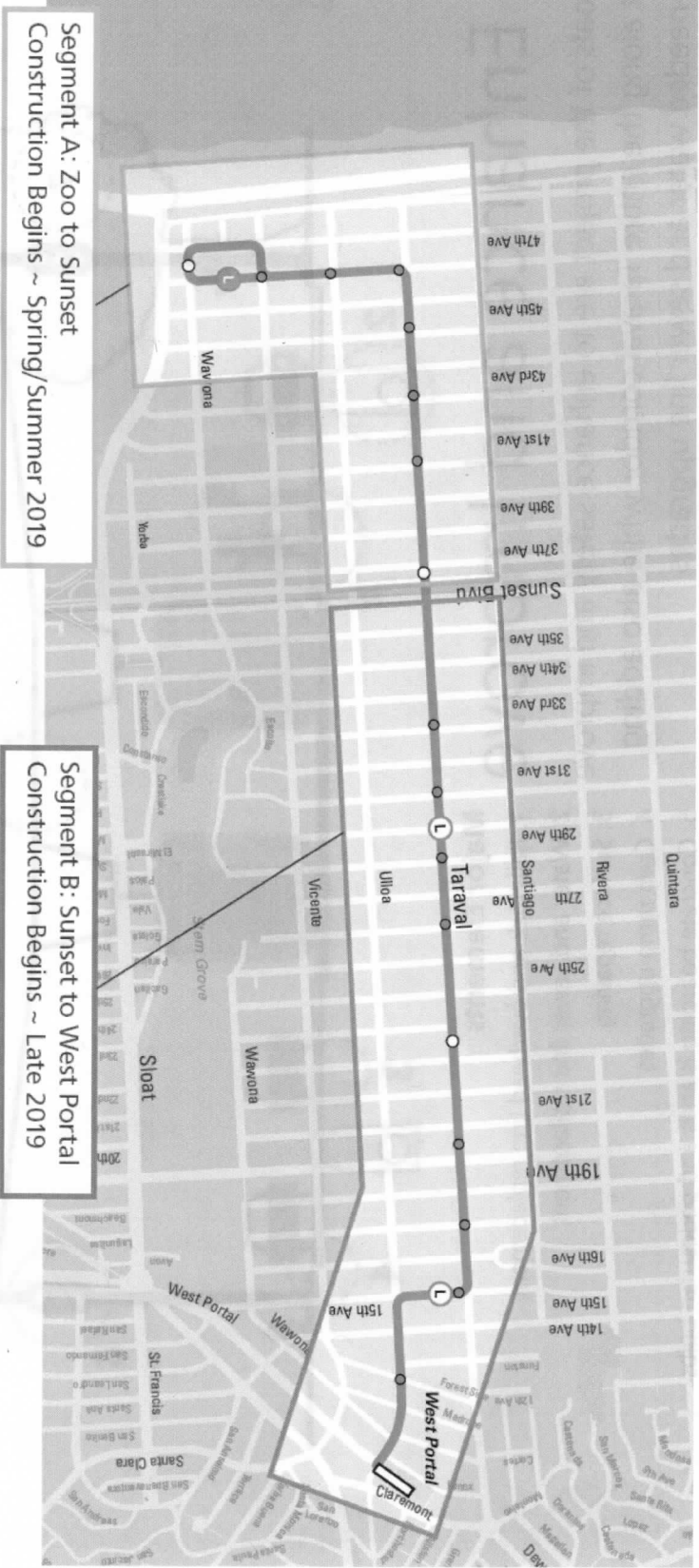
## To Enhance and Improve

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



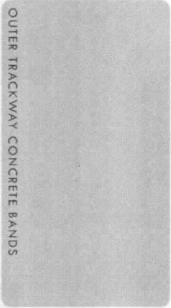
# FEEDBACK RESULTS

## HARDSCAPE PALETTE

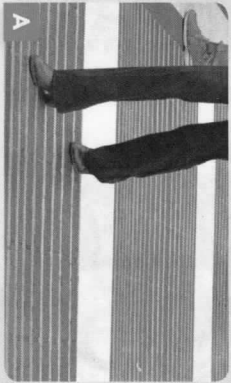
### OPTION 1 - WARM SAND



+



### Extend Special Crosswalk Treatment

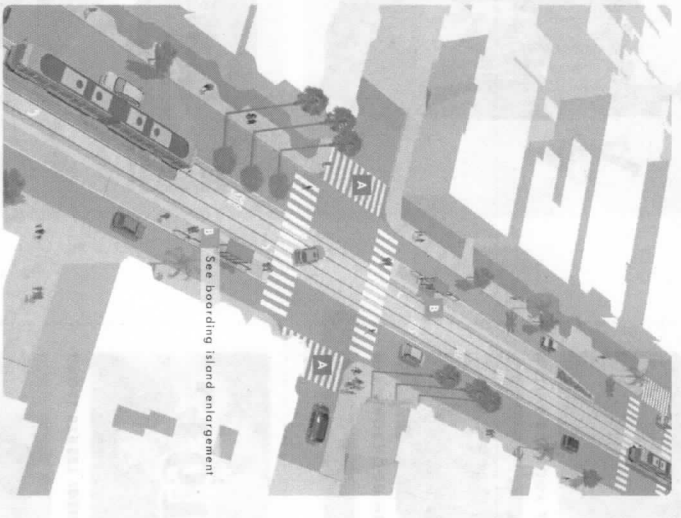


Exact design of special paving in crosswalk needs review and approval from SFMTA

### Boarding Island Identification

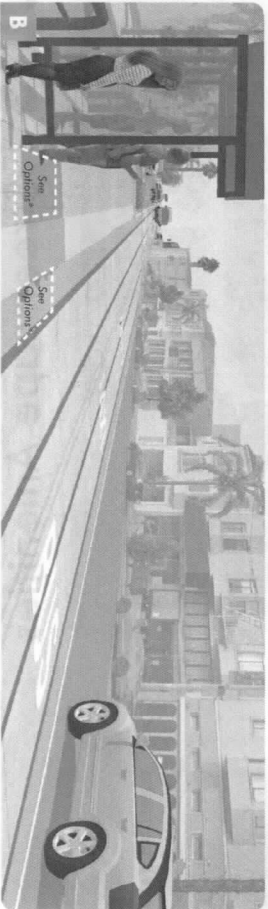


\*See left for color options

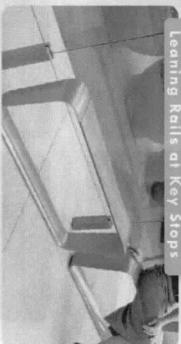


## Streetscape Elements Summary

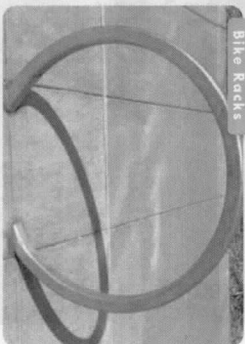
- Special crosswalk treatment at MUNI stop intersections
- Unit pavers at boarding islands
- Color concrete at outer bands of trackway
- Themed mosaic tiles at key stops
- Neighborhood specific vinyl graphics at bus shelters
- Leaning rails at key stops
- New bike racks & trash receptacles
- Infill tree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



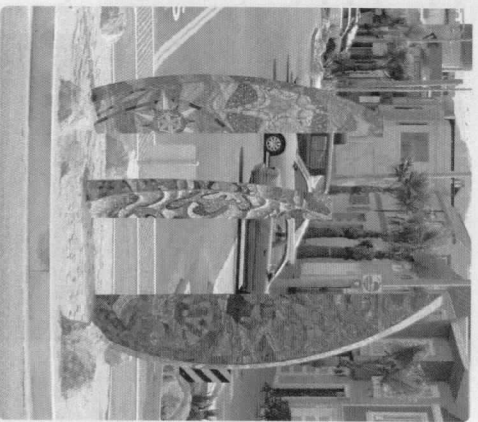
### Leaning Rails at Key Stops



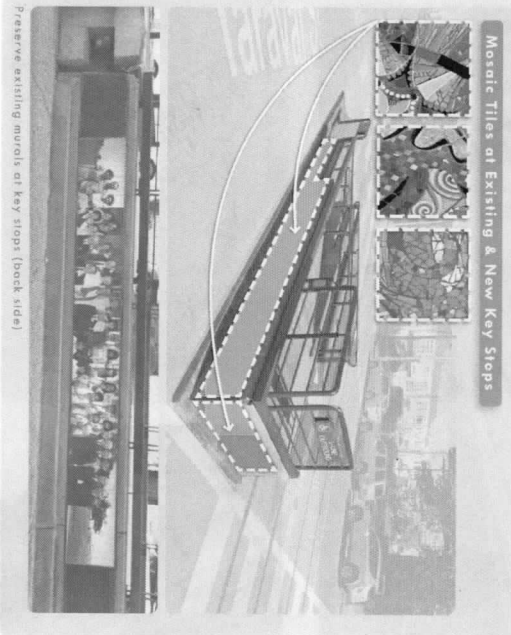
### Bike Racks



FEEDBACK RESULTS | Streetscape Amenities



Existing Mosaic Gateway at Taraval & Great Highway

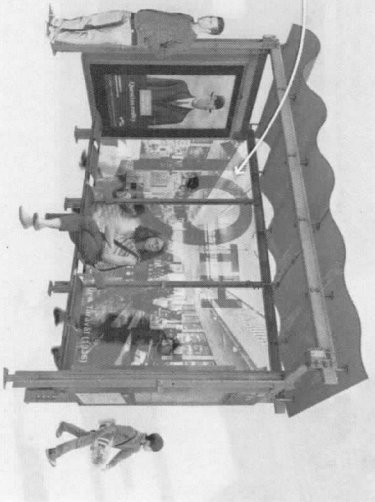


Preserve existing murals at key stops. (back side)



Vinyl Graphics at Bus Shelters

\*Shown as example only - exact design TBD





## FEEDBACK RESULTS | In ill 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 BREAST HEIGHT (DBH)



Yew Podocarpus  
*Podocarpus macrophylla*  
(3 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  
*Trichostema laeviro*  
(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 Kintley - 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

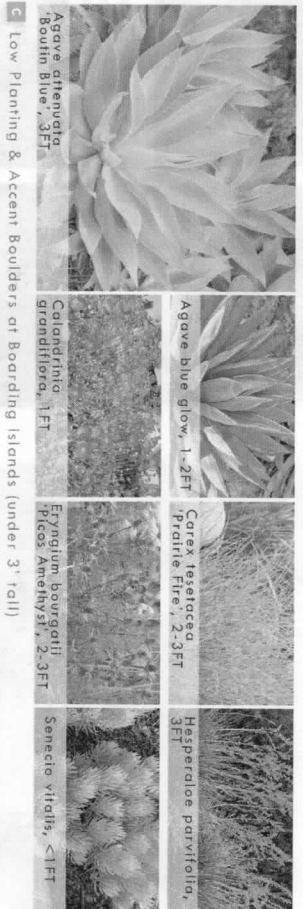


## FEEDBACK RESULTS | Infill Trees & Low Planting

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- ✓ Fog tolerant
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- ✓ Urban survivability

### Proposed Planting Palette



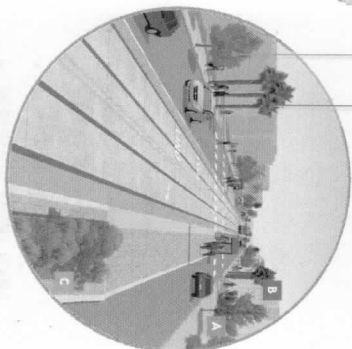
Low Planting & Accent Boulders at Boarding Islands (under 3' tall)

### Habitat for green hairstreak butterflies

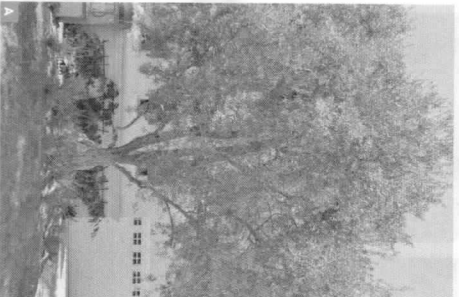


- ✓ Eriogonum latifolium, <2FT
- ✓ Amelita maritima x californica, <1 FT

View from boarding island planter



- A Variety of shorter tree species corridor-wide
- B Palms at vertical wayfinding at intersections
- C



**Olive Tree**  
*Olea europaea*  
'Majestic Beauty'



**Cabbage Palm**  
*Cordyline australis*



**Primrose Tree**  
*Lagunaria patersonii*



**Peppermint Tree**  
*Agonis flexuosa*



**Catalina Ironwood**  
*Lyonothamnus floribundus asplenifolius*



**Windmill Palm**  
*Trachycarpus fortunei*



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## NEAR-TERM PARKING CHANGE

Responding to multiple conflicts between cars and trains, traffic striping is being changed on **Taraval at 46th Avenue** to provide more space for turning trains to maneuver safely.

**Details:**

- Removes 3 parking spots
- These spots were already planned for removal for the future boarding island
- Work scheduled for last week of February

