# Greening

## CORRIDOR-WIDE STREETSCAPE OPPORTUNITIES



### EXISTING TREE MAINTENANCE



**Prune Existing Trees** 

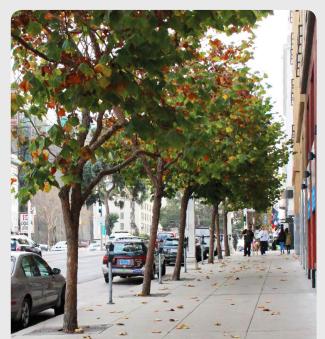




Remove Tree Grates & Develop New Tree Well Design Remove existing tree grates where they are negatively impacting overall tree health



#### INFILL STREET TREES





The Value of Planting & Protecting Urban Trees

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

- Trees absorb carbon dioxide (up to 25 lbs 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 & green settings experience less crimes such as vandalism, graffiti, & litter
  Trees act as traffic calming agents (drivers perceive the streets as more narrow)



### MEDIAN PLANTING



**Existing Median** Highlighting area of planting opportunity







**STYLE 1: Raised Planters within Medians** Restoration of Existing Irrigation System





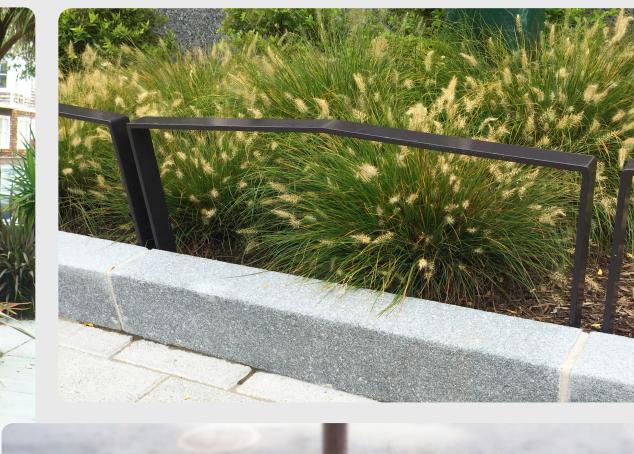


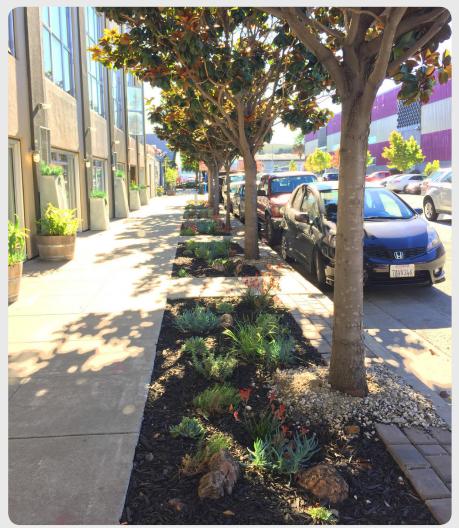
STYLE 2: At-Grade Understory Planting at Medians between Palms Restoration of Existing Irrigation System



#### SIDEWALK PLANTING















**Custom Planter Guards** 





Sidewalk Planting at Bulb-outs







# Lighting corridor-wide streetscape opportunities



### SEASONAL LIGHTING



**Decorative Lighting** On Median Palm Trees

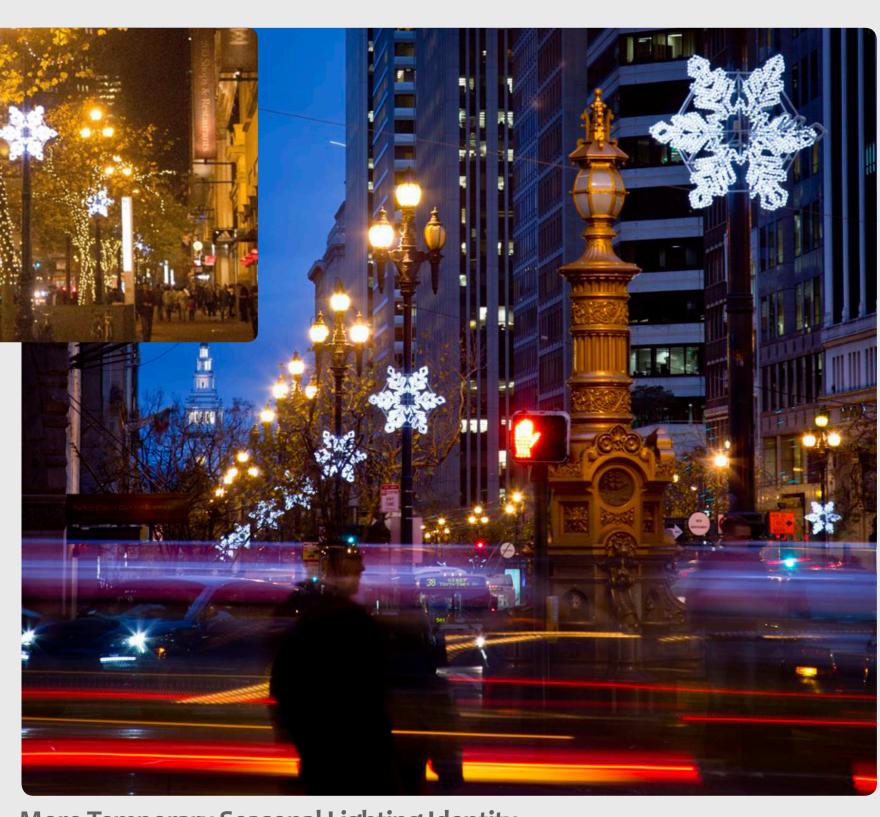
Above: Seasonal Tree

Market Street in Winter

Lighting installed on

(2017)





More Temporary Seasonal Lighting Identity Above: Seasonal Snowflakes on Market Street in Winter







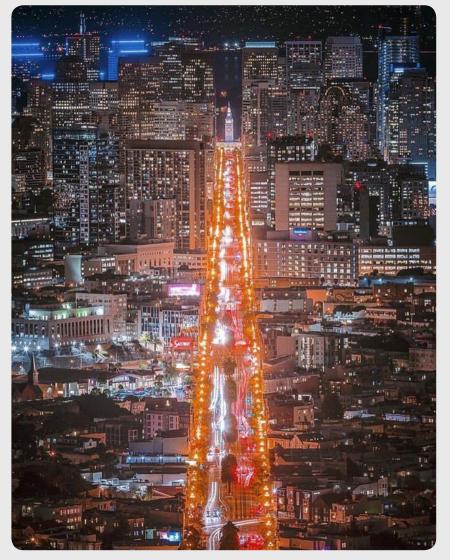




Uplighting at Existing Median Palms Increased ambiance and evening aesthetics



#### 'PATH OF GOLD' RESTORATION



Market Street "Path of Gold" View from Twin Peaks



Restore "Path of Gold" Light Fixtures LED conversion & powdercoat touch-up



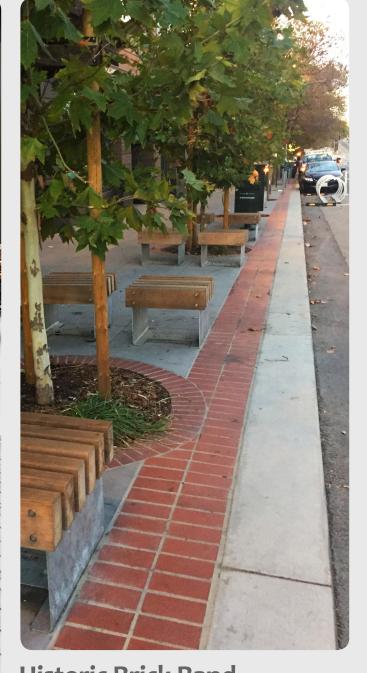


# Materials + Site Furnishings

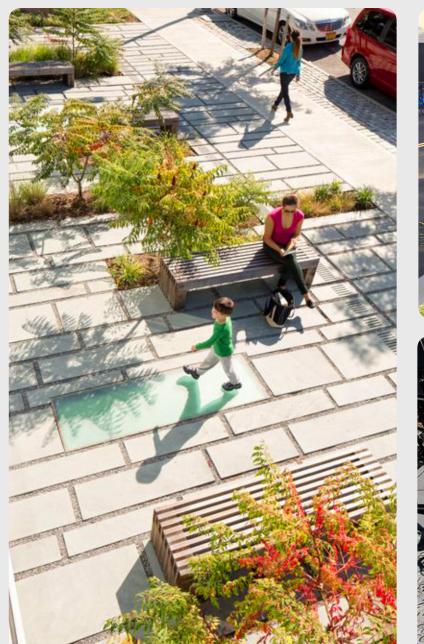
## CORRIDOR-WIDE STREETSCAPE OPPORTUNITIES







**Historic Brick Band** 







Special Paving Opportunities at New Bulb Outs Materials could include concrete unit pavers, brick pavers, or a custom pattern sidewalk etching























## BICYCLE AMENITIES





Copenhagen Style Foot Rests A simple yet creative bicycle amenity for riders waiting at an intersection

## OTHER SITE FURNISHINGS









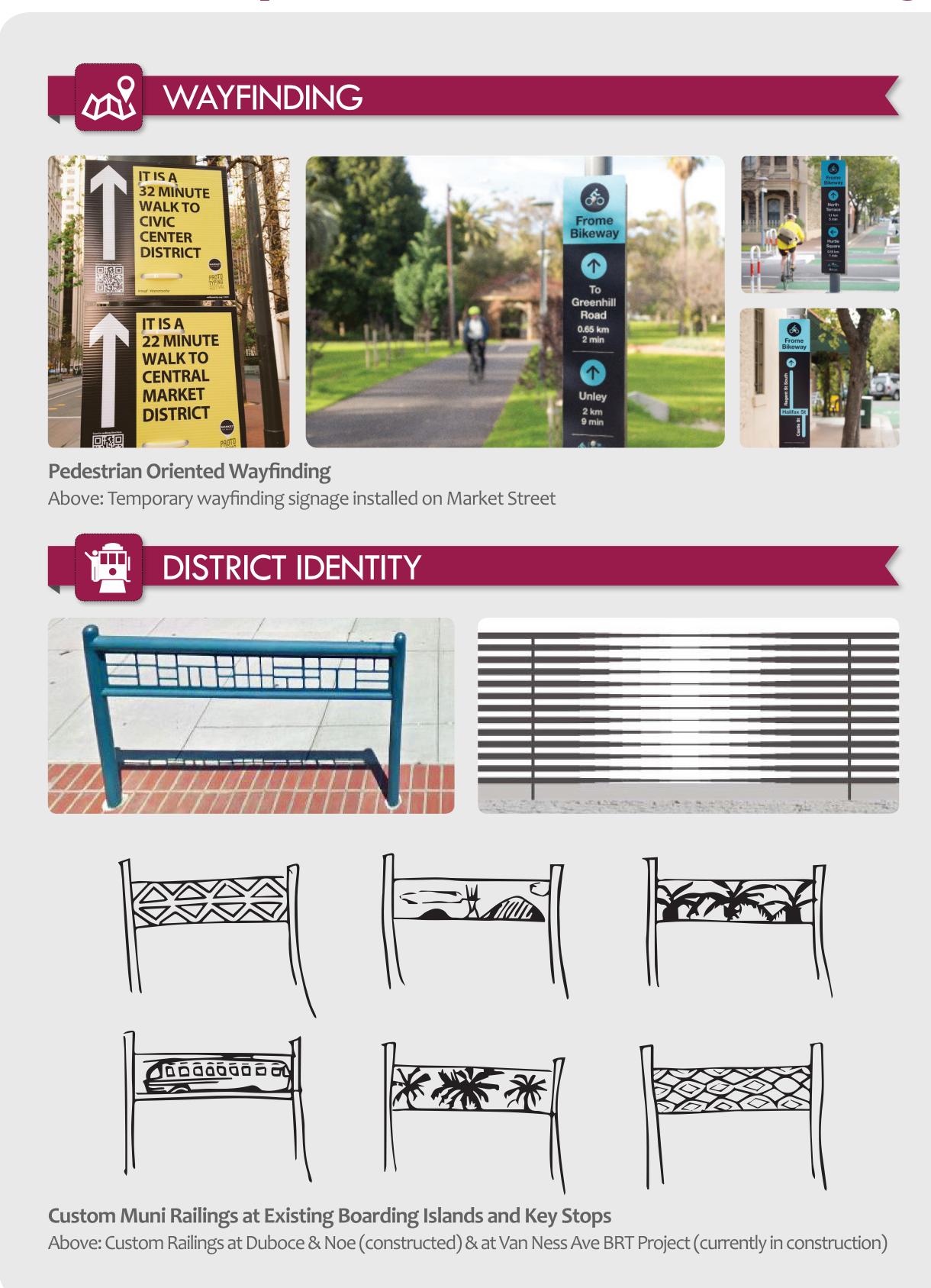


Trash Receptacles

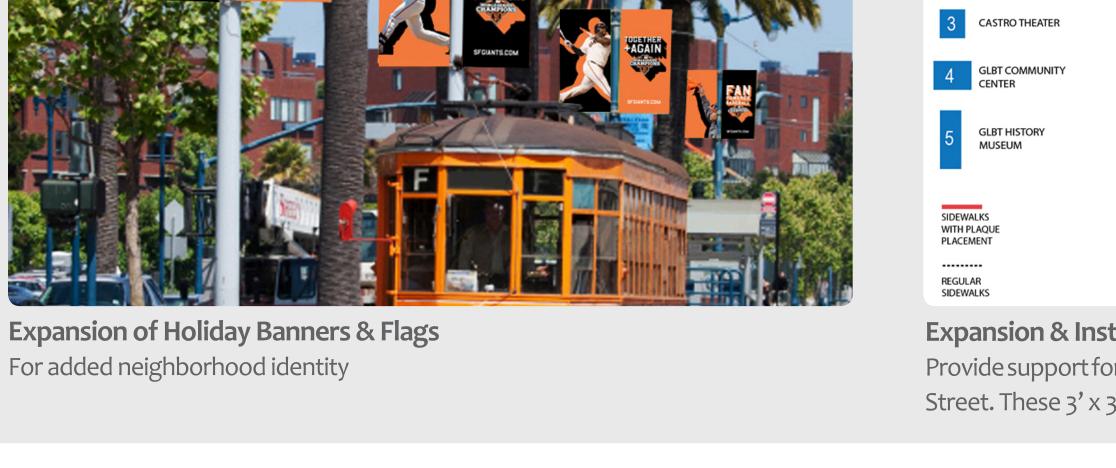


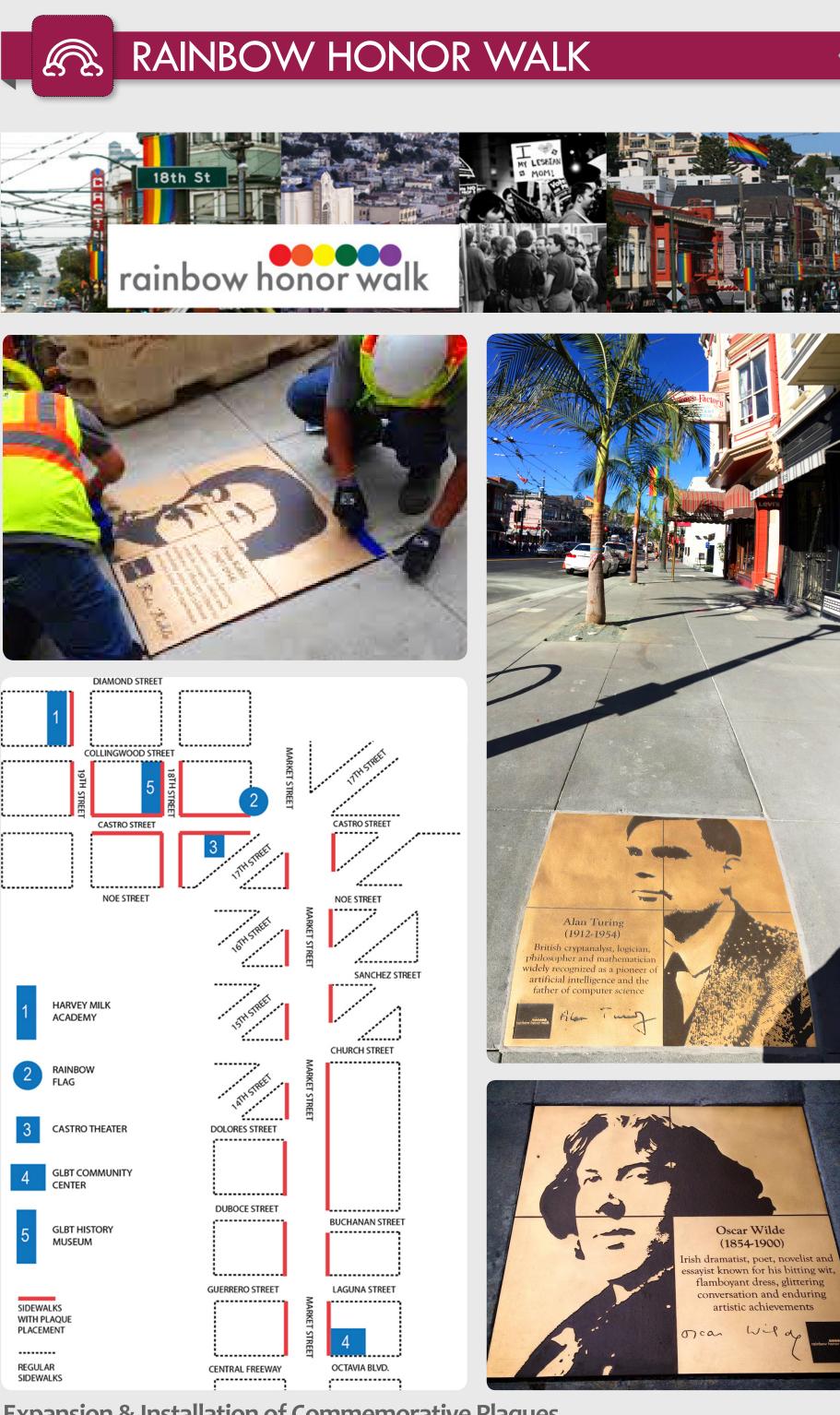


# Identity + Placemaking | corridor-wide streets cape opportunities









**Expansion & Installation of Commemorative Plaques** 

Provide support for installation of the planned Rainbow Honor Walk extension down Market Street. These 3' x 3' plaques would be located in the path of travel of the sidewalk.





# Site Specific Opportunities

## PLANTING AT KEY STOPS



#### **Understory Planting at Key Stops**

In lieu of crash barriers, planting islands can provide added greening to the corridor. With a maintenance partner, these planters could be replanted with a palette of low-maintenance and low-water use plants







#### **Median Plant Palette**

Criteria for the plant palette used in medians would be drought tolerant, low-water use, low maintenance and maintain sight lines

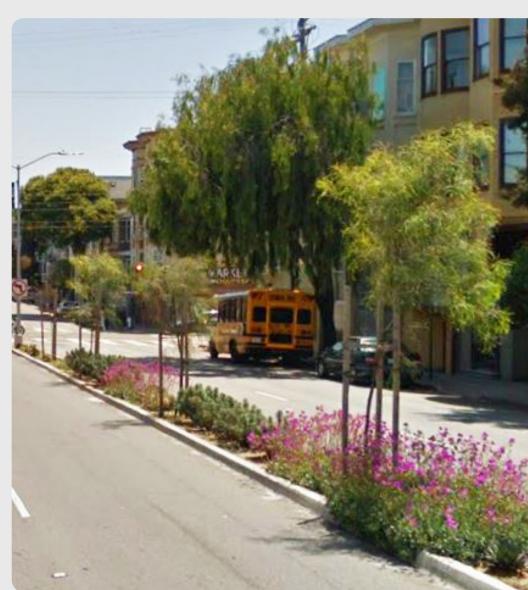


## MEDIAN PLANTING DOWN GUERRERO



#### **Understory Planting at Median**

Under the proposed project, the median along Guerrero from Market to Duboce would be extended and planted to match the other planted medians along Guerrero



**Median Planting** Above: Guerrero St. Median Planting



**Median Planting** Above: Divisadero St. Median Planting









**Green Infrastructure at Bulb-outs** Further analysis is required to determine feasibility and potential locations





# Site Specific Opportunities

# GATEWAY OPPORTUNITIES Output Output





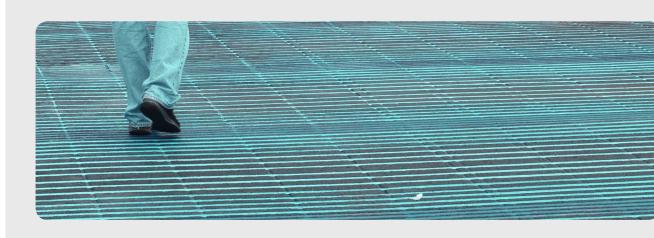


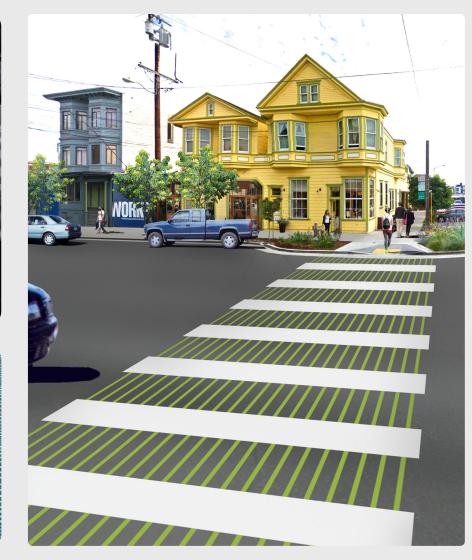


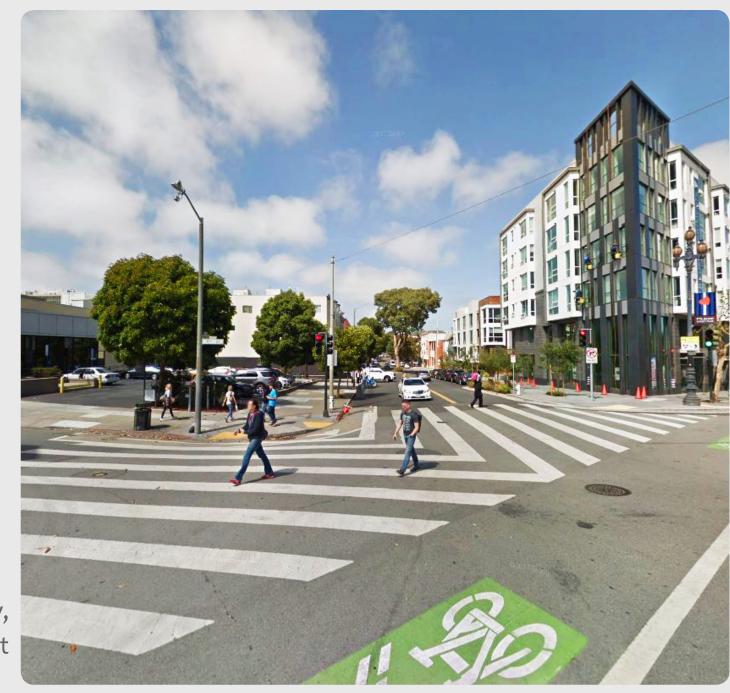


Gateway Opportunities at Select Plaza Locations
Rotating Art provides an opportunity for added identity, wayfinding, and neighborhood interest









**Special Crosswalk Treatment** 

At key locations, special crosswalk treatment can provide unique visual interest, enhance intersection visibility, and provide a pedestrian link within the urban realm. Note: Images are for representation purposes and not to be taken literally. Exact design would need to comply with SFMTA review & SF Public Works Standards.



Regular Pit Stop Presence at Key Locations along Upper Market Street

With an increased concerns and need for facilities, Pit Stops are a successful model to help make neighborhoods more livable for all. The Pit Stop Program is staffed, maintained, and operated by SF Public Works.

