## 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)

















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

## MEDIAN PLANTING

**Existing Median** Highlighting area of planting opportunity

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











Sidewalk Planting at Tree Wells



**Custom Planter Guards** 



Sidewalk Planting at Bulb-outs

UPPE MARKET SAFETY PROJECT Concept Design - Open House | 02.28.2018



# Lighting CORRIDOR-WIDE STREETSCAPE OPPORTUNITIES



## SEASONAL LIGHTING





**Decorative Lighting** On Median Palm Trees



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





## UPLIGHTING



**Uplighting at Existing Median Palms** Increased ambiance and evening aesthetics

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



## SPECIAL PAVING















**Examples of Custom Seating Opportunities** 





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





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**Copenhagen Style Foot Rests** 



Leaning Rails



A simple yet creative bicycle amenity for riders waiting at an intersection

**New Bike Racks** At Requested Locations

Trash Receptacles





# Identity + Placemaking | corridor-wide streetscape opportunities





**Pedestrian Oriented Wayfinding** Above: Temporary wayfinding signage installed on Market Street

## DISTRICT IDENTITY



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**Custom Muni Railings at Existing Boarding Islands and Key Stops** Above: Custom Railings at Duboce & Noe (constructed) & at Van Ness Ave BRT Project (currently in construction)









**Expansion of Holiday Banners & Flags** For added neighborhood identity











## RAINBOW HONOR WALK

**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









### **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

## GREEN INFRASTRUCTURE AT NEW BULBS





# Site Specific Opportunities

## GATEWAY OPPORTUNITIES











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





## SPECIAL CROSSWALK TREATMENT





### 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.





