South of Market
Citizen’s Advisory Committee
September 2021 Meeting
Construction

- 6th Street Pedestrian Improvement Project
- Safer Taylor Improvements Project
- Harrison Streetscape Improvement Project
6th Street Pedestrian Safety Project

Project Description: This project is a Vision Zero priority project that includes sidewalk widening, roadway, bulbouts, sub-sidewalk basement work, abatement, street lighting, traffic signal, OCS, landscaping.

Project Status: NTP Anticipated Fall 2021
IPIC Funds: N/A  Total Cost: $10.1M
Safer Taylor Project

Project Description: This project is a Vision Zero priority project that includes roadway, sidewalk widening, protected cycle tracks, transit islands, traffic signals, street lighting, water work, landscaping and site furniture.

Project Status: NTP Pending
IPIC Funds: NA   Total Cost: $9M
Harrison Street Infrastructure Improvement Project

**Project Description:** This project is a Vision Zero priority project that includes roadway, sidewalk widening, protected cycle tracks, transit islands, traffic signals, street lighting, water work, landscaping and site furniture.

**Project Status:** NTP 7/6/2021

**IPIC Funds:** $7.5 million  
**Total Cost:** $9.3M
Design

- Folsom Streetscape Improvements Project
- 5th Street Quick Build / Long-Term Project
Folsom Street Improvement Project

**Project Description:** This Vision Zero project will include sidewalk widening, bike lanes, transit boarding islands, traffic signal and street light upgrades, roadway improvements, curb ramp improvements, decorative crosswalks, public realm improvements, landscaping and site furniture.

**Project Status:** 100% design anticipated Spring 2022

**IPIC Funds:** $13.1M    **Total Cost:** $34.4M
**5th Street Quick Build / Long-Term Project**

**Project Description:** The 5th Street project includes upgrade bicycle facilities, transit stop improvements, curb ramp upgrades and pedestrian safety treatments.

**5TH STREET IMPROVEMENT PROJECT: Quick-Build Improvements - Draft**

5th Street from Market to Shipley streets

5th Street from Clara to Townsend streets

**Project Status:** 100% Design Winter 2021

**IPIC Funds:** NA  **Total Cost:** $1.8M
Construction Completed / Long-Term Plant Establishment

- Transbay Folsom Streetscape Project
- 2nd Street Infrastructure Improvement Project
**Project Description:** The 2nd Street Improvement project is intended to transform the 2nd Street corridor in the east South of Market (SoMa) neighborhood into a pedestrian- and bicycle-friendly complete street, consistent with the vision identified by the community in the East SoMa Area Plan.

**Project Status:** Substantial Completion reached in October 2020; LTPE ongoing

**IPIC Funds:** $10.8 million  **Total Cost:** $39.8M
Transbay Folsom Streetscape Project

**Project Description:** This is a Complete Streets project that includes roadway, sidewalk widening, protected cycle tracks, transit islands, traffic signals, street lighting, water work, rain gardens, landscaping

**Project Status:** Substantial Completion Reached in February 2021; LTPE ongoing

**IPIC Funds:** N/A  **Total Cost:** $16.4M
Figure 2
PROPOSED AMENITY SUMMARY

This table summarizes the information contained in the following pages.

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<tr>
<th>STREET</th>
<th>Sidewalk Widening</th>
<th>Pedestrian Improvements</th>
<th>Transit Improvements</th>
<th>Conventional Bike Lanes</th>
<th>Protected Bike Lanes</th>
<th>Curbspace Demand Mgmt</th>
<th>Green Infrastructure</th>
<th>SF Green Connection</th>
<th>LED Streetlights (SFPPU)</th>
<th>LED Streetlights (GSP)</th>
<th>EV Charging Stations</th>
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South of Market
Street Tree Nursery
Facility & Operations Concept

SAN FRANCISCO PUBLIC WORKS
BUREAU OF URBAN FORESTRY

September 2021
STREET TREE NURSERY
CONCEPT DESIGN

context map
Policy History
FREEWAY ONRAMP
FREEWAY OFFRAMP
5TH STREET
FREEWAY
FREEWAY
SEAT WALL
UTILITY POLES
NURSERY SPACE
~ 12,500 FT²
planted trees
STORAGE
FLEX SPACE / STAGING / ART
15' GRAVEL DRIVEWAY
PARKING
COMMUNITY GARDEN
FLEX SPACE / FENCING / ART
FREEWAY COLUMN
TRAILER (12' X 60')
NURSERY SPACE
~ 12,000 FT²
WATER CISTERN
VEHICLE IN
VEHICLE OUT
PEDESTRIAN GATE
SEAT WALL
VIEW 1: BIRD’S EYE LOOKING EAST
VIEW 2: EYE-LEVEL LOOKING NORTHEAST
UTILITY POLES
FENCING
PEDESTRIAN GATE
FREEWAY
FREEWAY
FREEWAY
FREEWAY
FREEWAY
FREEWAY OFFRAMP
0’ 20’ 40’ 80’
STREET TREE NURSERY CONCEPT DESIGN UPDATE
BUREAU OF URBAN FORESTRY +
BUREAU OF LANDSCAPE ARCHITECTURE
- fenced behind plaza
- 12,500 ft² total nursery area
- 15' gravel driveway
- 2 vehicle entries at wings
- partnership opportunities
- 12,500 ft² total nursery area
- 15' gravel driveway
- 2 vehicle entries at wings
- partnership opportunities
CURRENT VIEW 1: BIRD’S EYE LOOKING EAST
VIEW 1: BIRD’S EYE LOOKING EAST
VIEW 2: EYE-LEVEL LOOKING NORTHEAST
Operations Concept

**Stage street trees for future plantings**

**Grow trees uncommon in nursery trade and that are acclimated to San Francisco’s unique climate**

**Create green jobs, workforce training and educational opportunities**
Facility Needs

Fencing
Storage Container
Portable toilets
Lighting
Signage
Materials Storage
Irrigation
Security
Street Tree Planting Needs
PLANTING

The need for street tree planting in San Francisco...distributed...number...San Francisco's street tree planting program...to...priorities...plant...planting strategy...San Francisco Public Works Bureau of Urban Forestry's (BUF) is committed to preserving and growing the City's tree canopy. This strategy identifies the citywide street tree planting goal, planting priorities, resources and partners needed to increase street tree planting in San Francisco.

BACKGROUND

In 2016, San Francisco voters passed the Healthy Trees and Safe Sidewalks ballot measure (Proposition E) and significantly changed the way street trees are managed in San Francisco. Responsibility for street tree maintenance shifted from property owners to San Francisco Public Works. Since that time, Public Works' StreetTreesSF program has been working to ensure everyone in San Francisco can enjoy a safer, healthier and more beautiful urban forest.

So far, Public Works' StreetTreesSF crew have:
- Planted 40,000 street trees
- Removed 6,800 street trees
- Repaired & Replaced 535,000 square feet of sidewalks damaged by street trees
- Made Safe 40,000 street trees through trimming and root realignment

STREET TREE PLANTING GOAL

The City of San Francisco's Urban Forest Plan set a goal of increasing the street tree population to 155,000 street trees over twenty years. 155,000 street trees would bring San Francisco to "full stocking" of street tree locations - filling existing empty spaces and most new potential sites with trees.

To achieve this goal and grow our urban forest, we need to plant an additional 30,000 trees beyond our existing 125,000 street trees. These trees will be prioritized for planting in areas that need them most.

New street trees are needed in neighborhoods with least tree canopy cover and higher vulnerability to the extreme heat and air quality impacts of climate change. Replacement street trees must be planted to prevent tree canopy loss in neighborhoods where trees are removed for maintenance reasons or die of natural mortality.
Preserve and Grow

Urban Tree Canopy

Advance

Racial & Social Equity

Promote

Climate Resilience & Adaptation

#EarthDay: Our Urban Forest
SOMA: 4.1%
SOMA: 149 street trees per street mile
Environmental Justice Communities (SF Planning)

NOTE: This map was created to meet the requirements of CA Senate Bill 1080. The legislation requires that municipalities identify where “Disadvantaged Communities” are located, defined as areas facing elevated pollution burden coupled with a high incidence of low-income residents. This map is based on OESWA’s CalEnviroScreen 3.0 Map, modified to incorporate additional local data on pollution burden and socioeconomic disadvantage.
NOTE:
This map was created to meet the requirements of CA Senate Bill 1080. The legislation requires that municipalities identify areas where “Disadvantaged Communities” are located, defined as areas facing elevated pollution burden coupled with a high incidence of low-income residents. This map is based on OESWA's CalEnviroScreen 2.0 Map, modified to incorporate additional local data on pollution burden and socioeconomic disadvantage.
Questions?