

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.





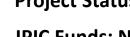
Project Status: NTP Anticipated Fall 2021

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.



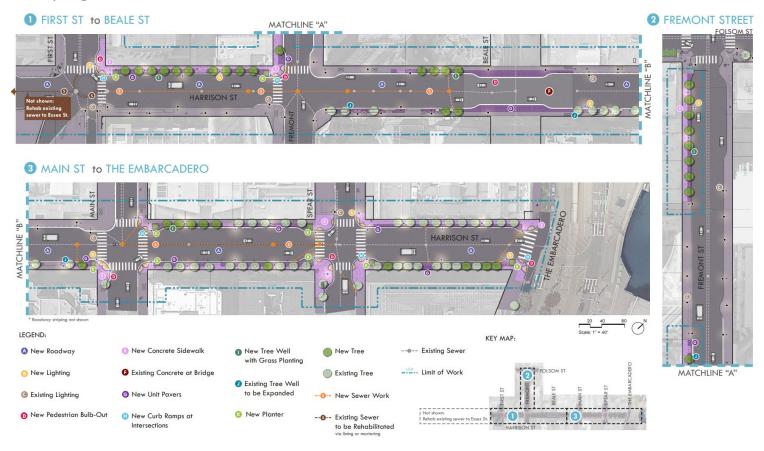


Project Status: NTP Pending

IPIC Funds: NA Total Cost: \$9M

Harrison Street Infrastructure Improvement Project

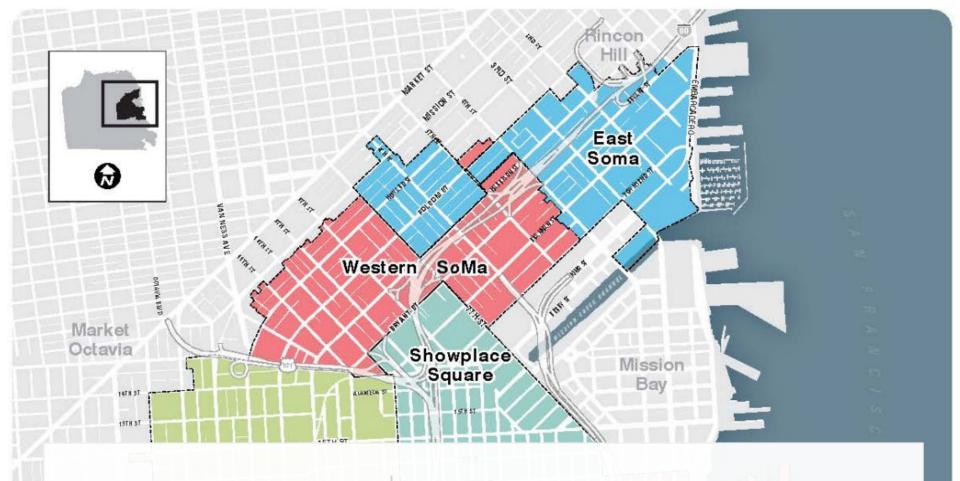
Project Description: This project is a Vision Zero priority project that includes roadway, sidewalk widening, protected cycle tracks, transit islands, traffic signals, street lighting, water work, landscaping and site furniture.





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

Waterfront

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.



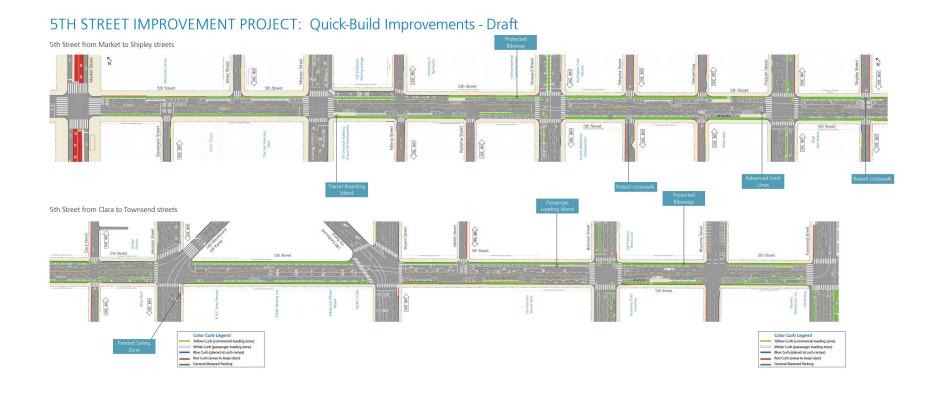


IPIC Funds: \$13.1M **Total Cost:** \$34.4M



5th Street Quick Build / Long-Term Project

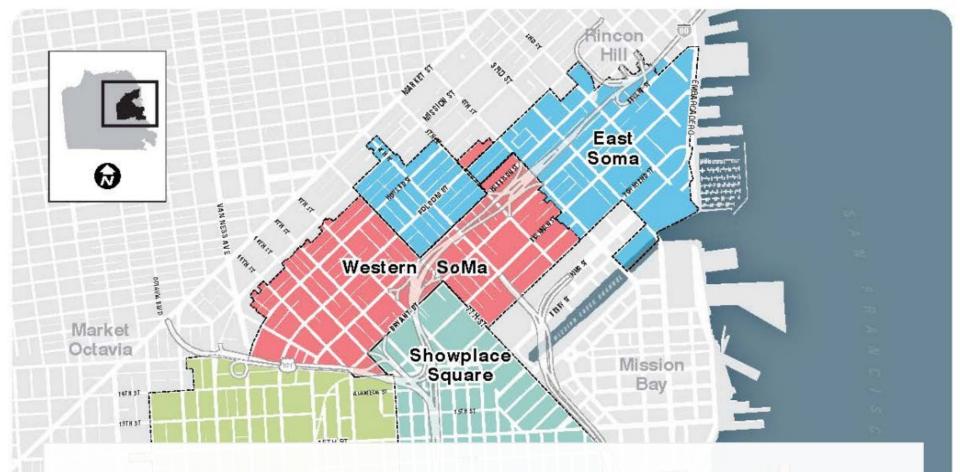
Project Description: The 5th Street project includes upgrade bicycle facilities, transit stop improvements, curb ramp upgrades and pedestrian safety treatments.





Project Status: 100% Design Winter 2021

IPIC Funds: NA **Total Cost:** \$1.8M

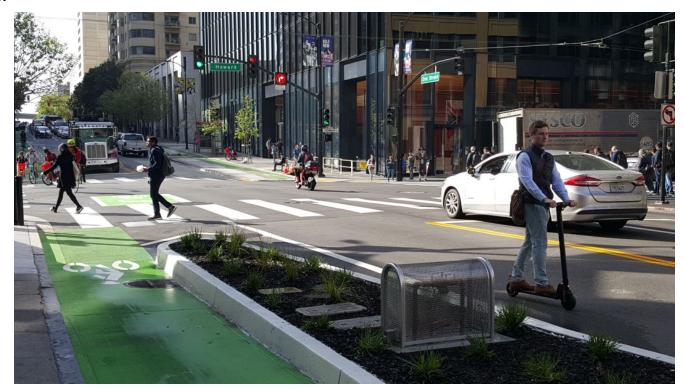


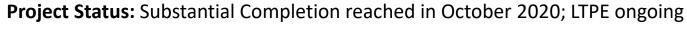
Construction
Completed /
Long-Term Plant
Establishment

- Transbay Folsom Streetscape Project
- 2nd Street Infrastructure Improvement Project

2nd Street Improvements 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.

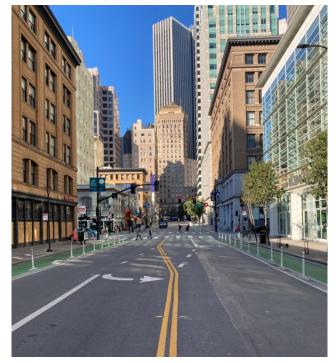


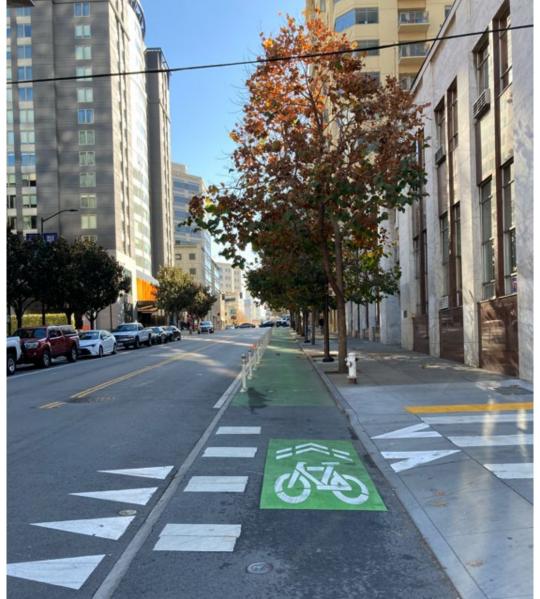




IPIC Funds: \$10.8 million **Total Cost:** \$39.8M

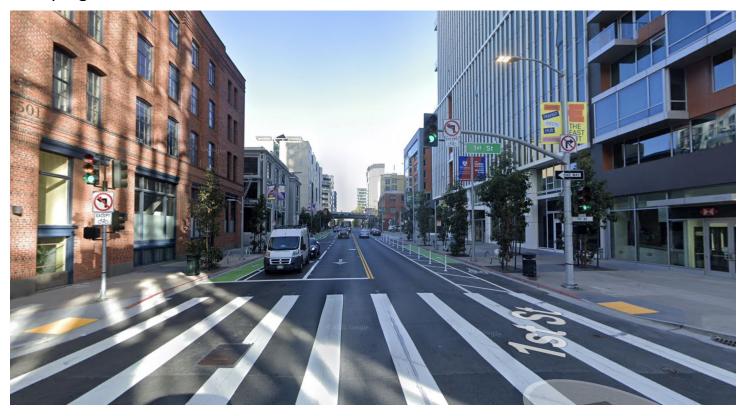






Transbay Folsom Streetscape Project

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

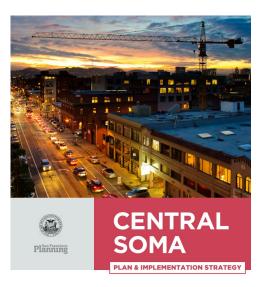
IPIC Funds: N/A Total Cost: \$16.4M











FINAL PLAN ADOPTED DECEMBER 2018

Figure 2

PROPOSED AMENITY SUMMARY

This table summarizes the information contained in the following pages.

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STREET													
2nd	Х	Х	Х			х	Х			Х	X	Х	
3rd		Х	Х	Х			Х	Х			Х		
4th		Х	Х	Х			Х				Х		
5th		Х			Х		Х	Х	Х		Х		
6th	Х	Х			Х		Х				Х		
Howard		Х				Х	Х	Х	Х		Х	Х	
Folsom	Х	Х	Х	Х		Х	Х	Х		Х	Х	Х	
Harrison	Х	Х					Х		Х		Х		
Bryant									Х		Х		
Brannan	Х	Х		Х		Х	Х	Х	Х			Х	
Townsend		Х	Х			Х	Х					Х	
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South of Market Street Tree Nursery Facility & Operations Concept

SAN FRANCISCO PUBLIC WORKS BUREAU OF URBAN FORESTRY





* STREET TREE NURSERY

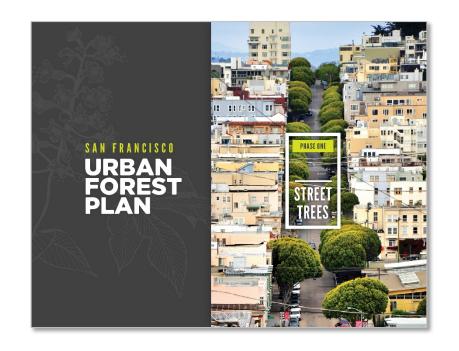


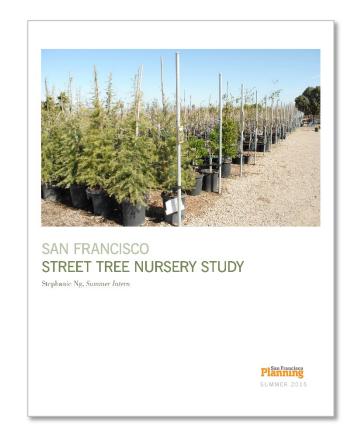
+ LANDSCAPE ARCHITECTURE

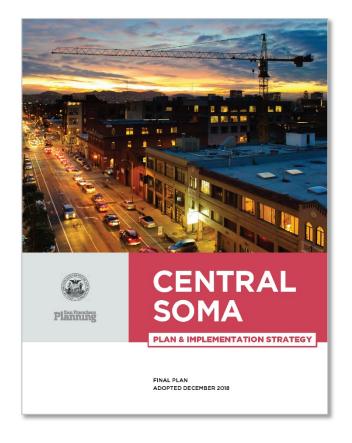
December 2020



Policy History



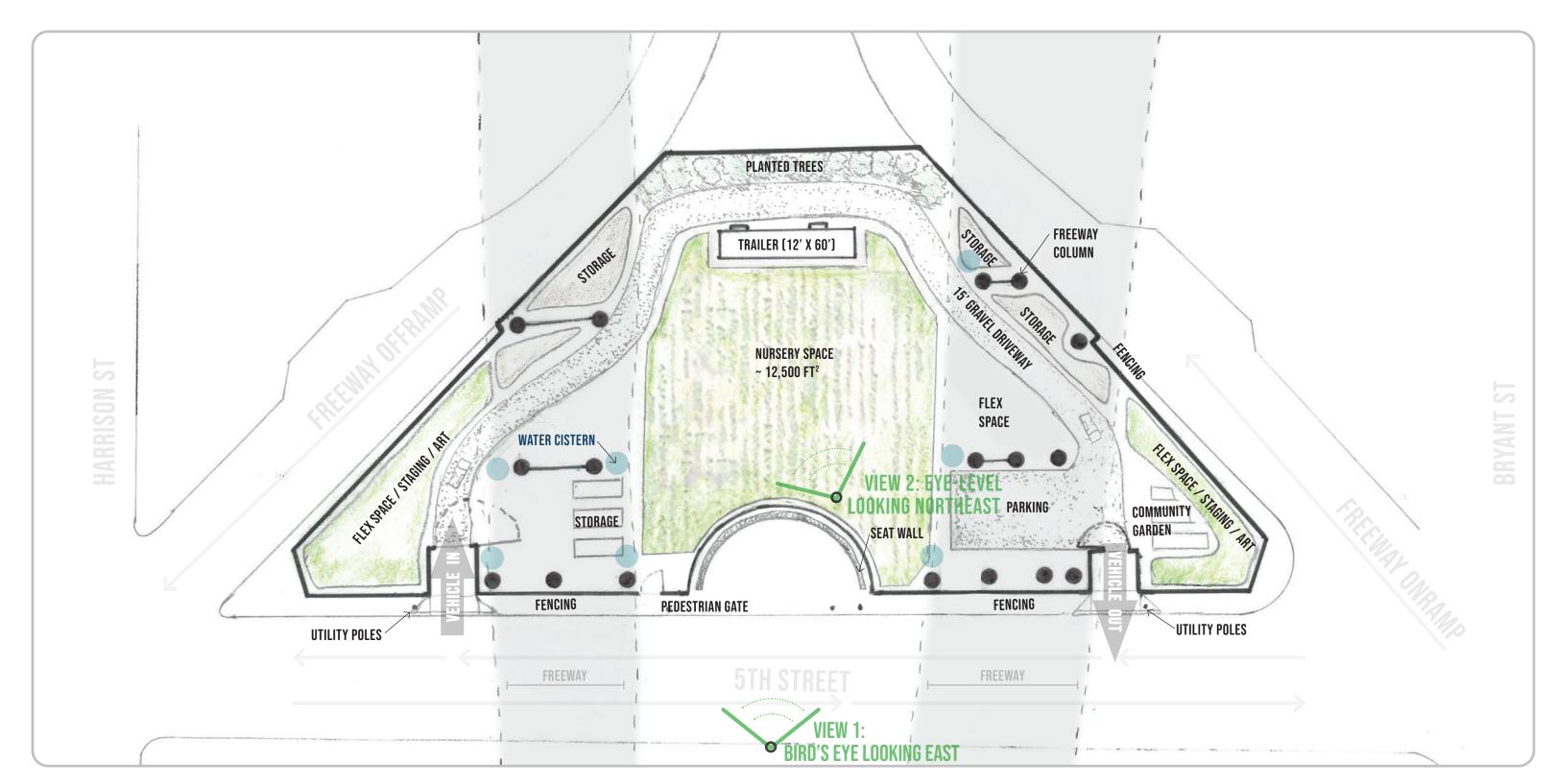






BUF NURSERY CONCEPT DIAGRAM

- fenced behind plaza
- 12,500 ft2 total nursery area
- 15' gravel driveway
- 2 vehicle entries at wings





0' 20' 40' 80'







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



Signage



Storage Container



Materials Storage



Portable toilets



Irrigation



Lighting



Security





Street Tree Planting Needs

PLANTING

Participants in urb responsible for a sign cared for in San Fran

T e Friends of the U forestry vocational com m unities that ar environm ental feld bng-term em ployab. as certifed arborists

Several years ago, F 19-26, in partnershi which helps survive position for six m on with the opportuni organizations in the

T e San Francisco C tree watering and la safe and well-maint om ploym ont to ven San Franciscans, Pa general greening tra trainees at a time w weekly landscape t more than 1,500 pa ofpartners.

Tree planting contin after the tree is in thalso trained towater to grow on City side planting creates a d throughout their life

STREET TR

In order to significar of Urban Forestry h on a public parcel in for growing, storing for planting.Beneft opportunities as we ared if cult to source BUF is currently wor and ongoing operat



COMMUNITY PA

Planting large numbers trees as identified in this: num ber of street trees plan An estin ated 4000 trees w over twenty years to reach street trees. Historically, Sa com m unity partners have p trees annually.

Since the voter-approved fi for tree m ain tenance and in a very limited way ,Pu additional funding sources. partners such as Friends Action Now to carry out th planting citywide.



the low est of any large city in United States, at 13.7% Plant street trees serves to preserve existing canopy (replacing tre m ust be rem oved) and to gree City's overall tree canopy to it coverage citywide.



TREE PLANTING **NEW JOBS AND**

Planting large num bers of street trees planted annual to reach our tree planting g planted closer to 1,500-200

Since the voter-approved: a very limited way "Public! such as Friends of the Urba

PRIORITIES & BE

Healthy tree-lined streets are: as private property. Trees con urban forest providing socia benefts are listed below.

SOCIAL BENEFITS



Improve physical health Reduce violence and crime

Connect people to nature ("bi

Calmitral candpromote pedestriarybicyclists safety

PRESERVE & GROW **URBAN TREE**

San Franciscos tree canopy is

SAN FRANCISCO STREET TREE ? 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' Street'TreeSF program has been working to ensure everyone in San Francisco can enjoy a safer, healthier and more beautiful urban forest.

To date, Public Works' StreetTreeSF crews have:









Repaired & Replaced 535,000

damaged by trees



Made Safe 40,000

sites that posed tripping hazards due to tree-related damage

Our goal is to have:

beautiful street trees by 2040

125,000 +

30,000 new trees

50.000 replace

4,000

the next 20 years

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 basins and most new potential sites with trees.

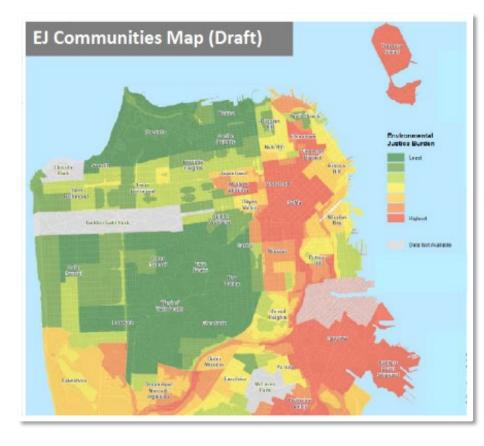
To achieve this goal and grow our urban forest, we'll need to plant an additional 30,000 trees beyond our existing 125,000 street trees. These trees will be prioritized for planting in areas that need them most.

New street trees are needed in neighborhoods with lowest 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

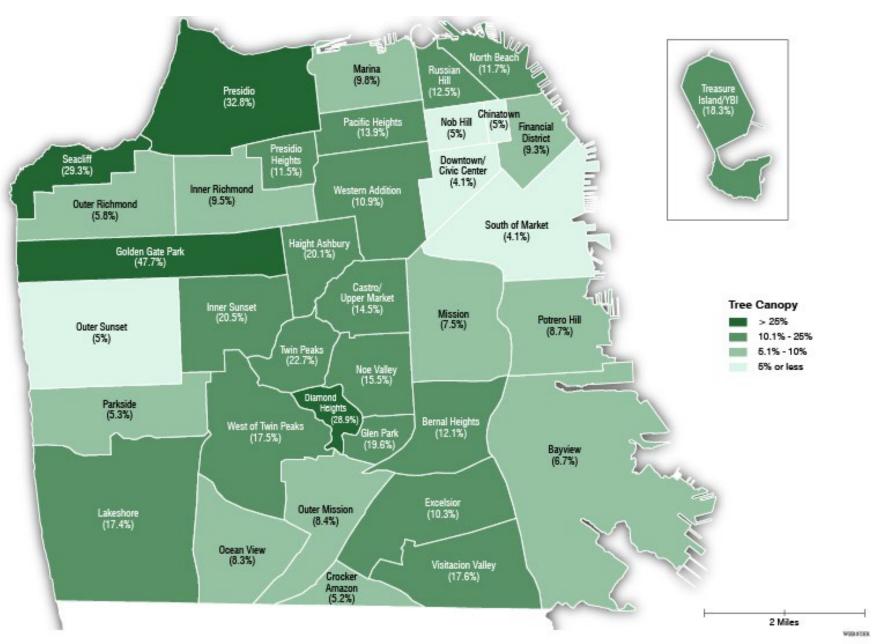
Advance

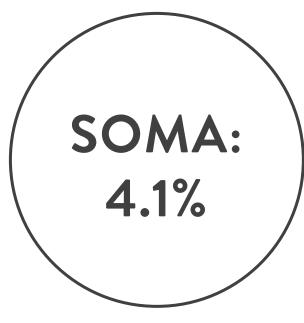
Racial & Social Equity

Promote

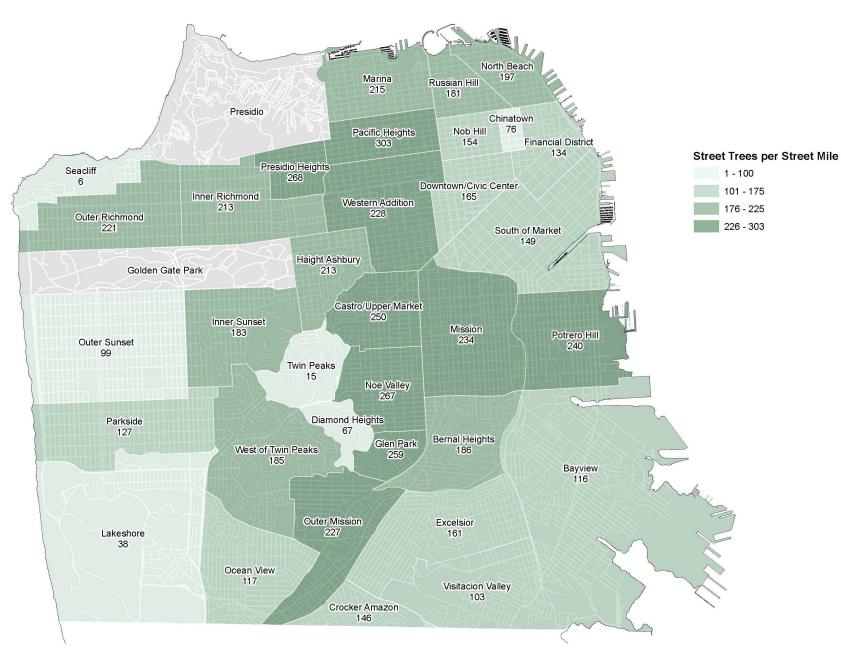
Climate Resilience & Adaptation

Urban Tree Canopy by Neighborhood



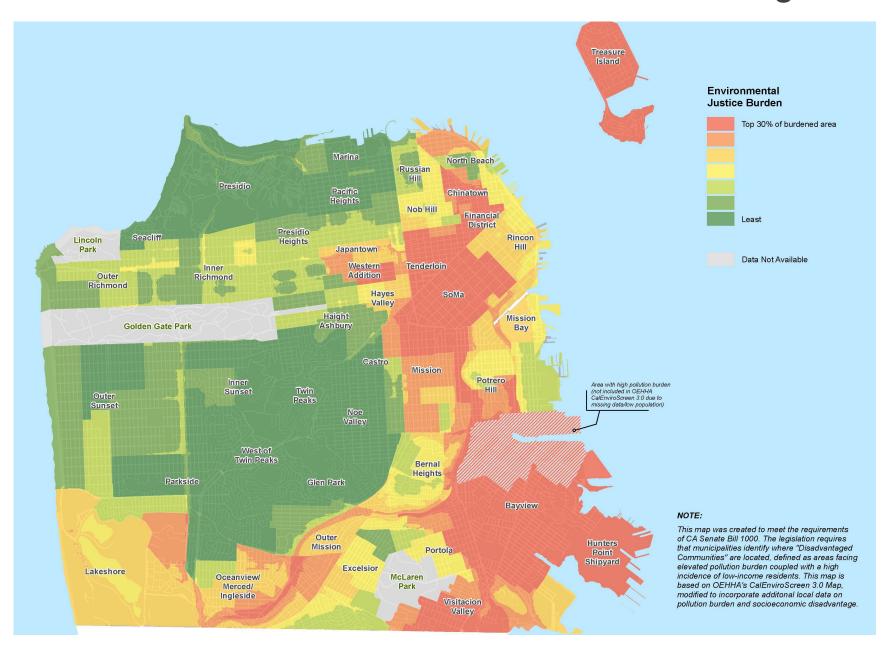


Street Trees Per Street Mile

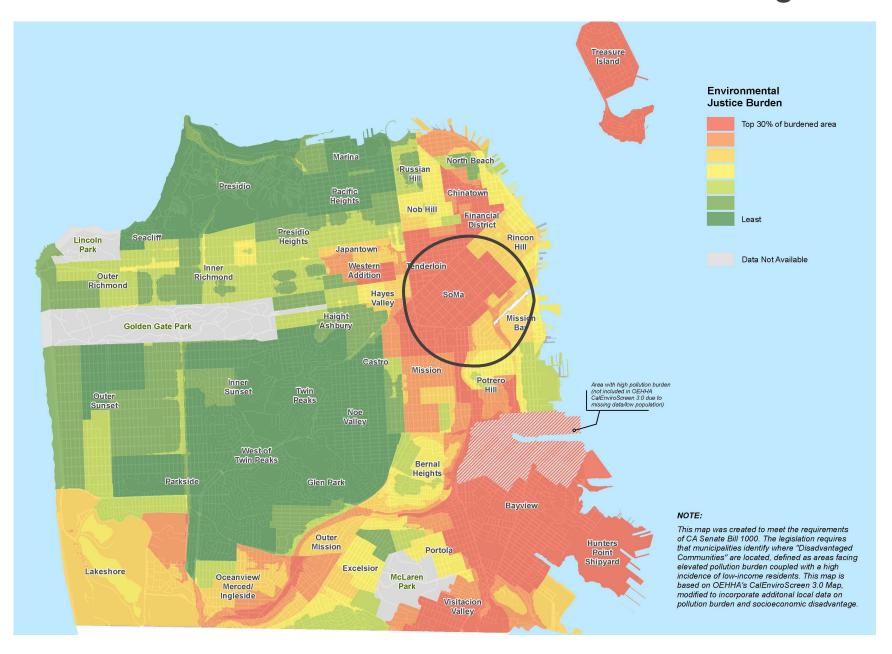




Environmental Justice Communities (SF Planning)



Environmental Justice Communities (SF Planning)



Questions?

