

# 22nd St Green Connection

COMMUNITY MEETING | 30 MARCH 2016



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## TONIGHT'S TOPICS

1. Policy Background
2. Conceptual Design
3. Design Elements & Cost Estimates
4. Block-by-Block Overview
5. Timeline & Next Steps



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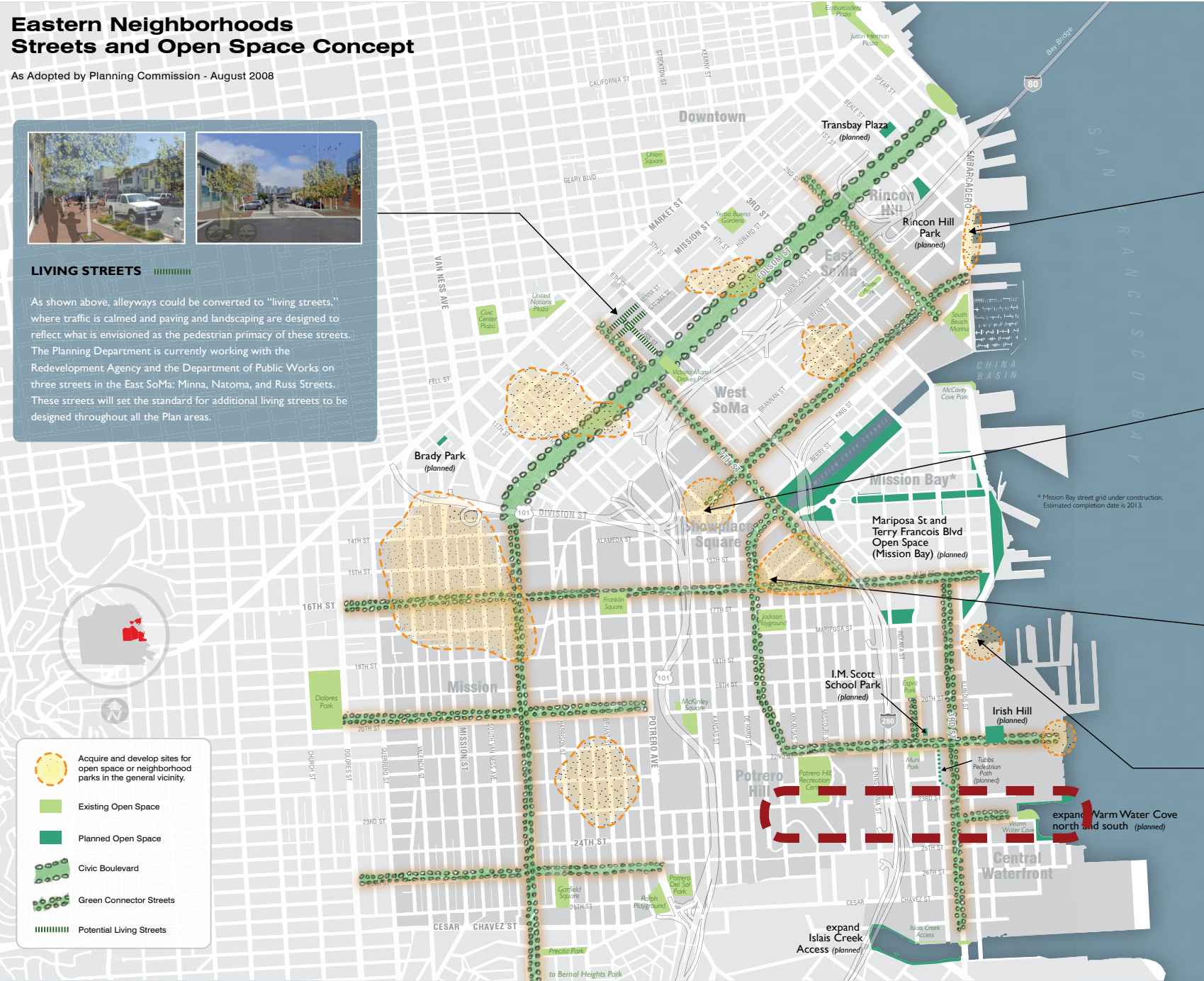
# Policy Background

|          |  |
|----------|--|
| AUG 2008 | Eastern Neighborhoods Program (SF Planning Department)                   |
| DEC 2008 | Central Waterfront Area Plan (SF Planning Department)                    |
| JUN 2010 | San Francisco Better Streets Plan (City of SF)                           |
| MAY 2011 | 22nd Street Greening Master Plan (DNA, GreenTrustSF, Fletcher Studios)   |
| NOV 2013 | Green Vision Plan (Dogpatch - NW Potrero Hill Green Benefit District)    |
| MAR 2014 | Green Connections (City of SF)   |
| ONGOING  | Central Waterfront - Dogpatch Public Realm Plan (SF Planning Department) |





# Eastern Neighborhoods Program



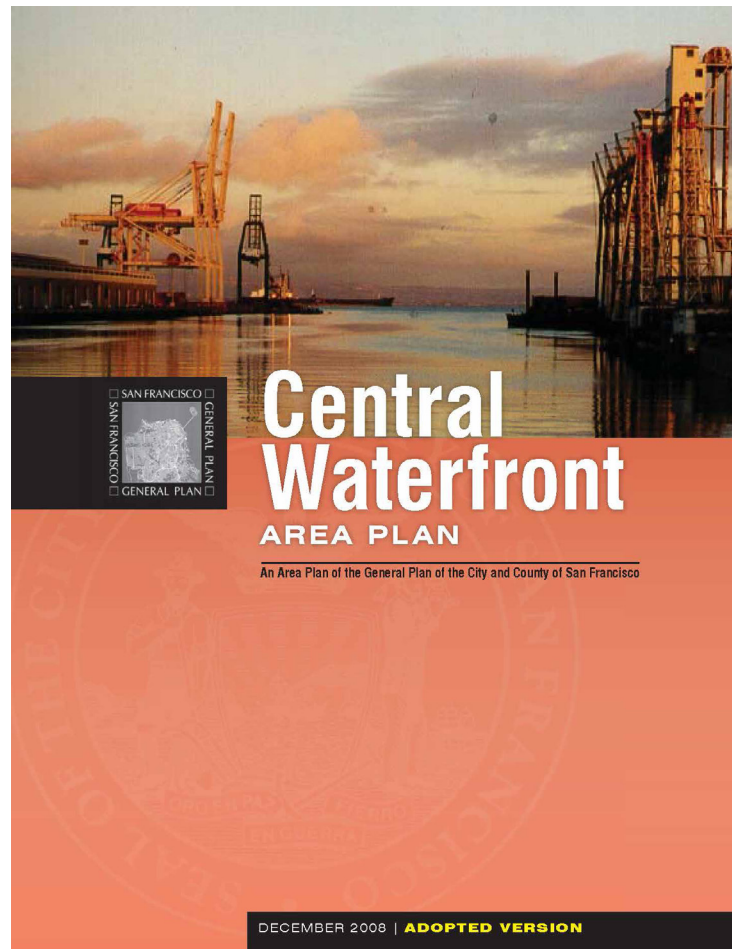
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# Central Waterfront Area Plan



## OBJECTIVE 5.3

*Create a network of green streets that connects open spaces and improves the walkability, aesthetics, and ecological sustainability of the neighborhood.*

## POLICY 5.3.1

*Redesign underutilized portions of streets as public open spaces, including widened sidewalks or medians, curb bulb-outs, “living streets” or green connector streets.*

## POLICY 5.3.2

*Maximize sidewalk landscaping, street trees and pedestrian scale street furnishing to the greatest extent feasible.*

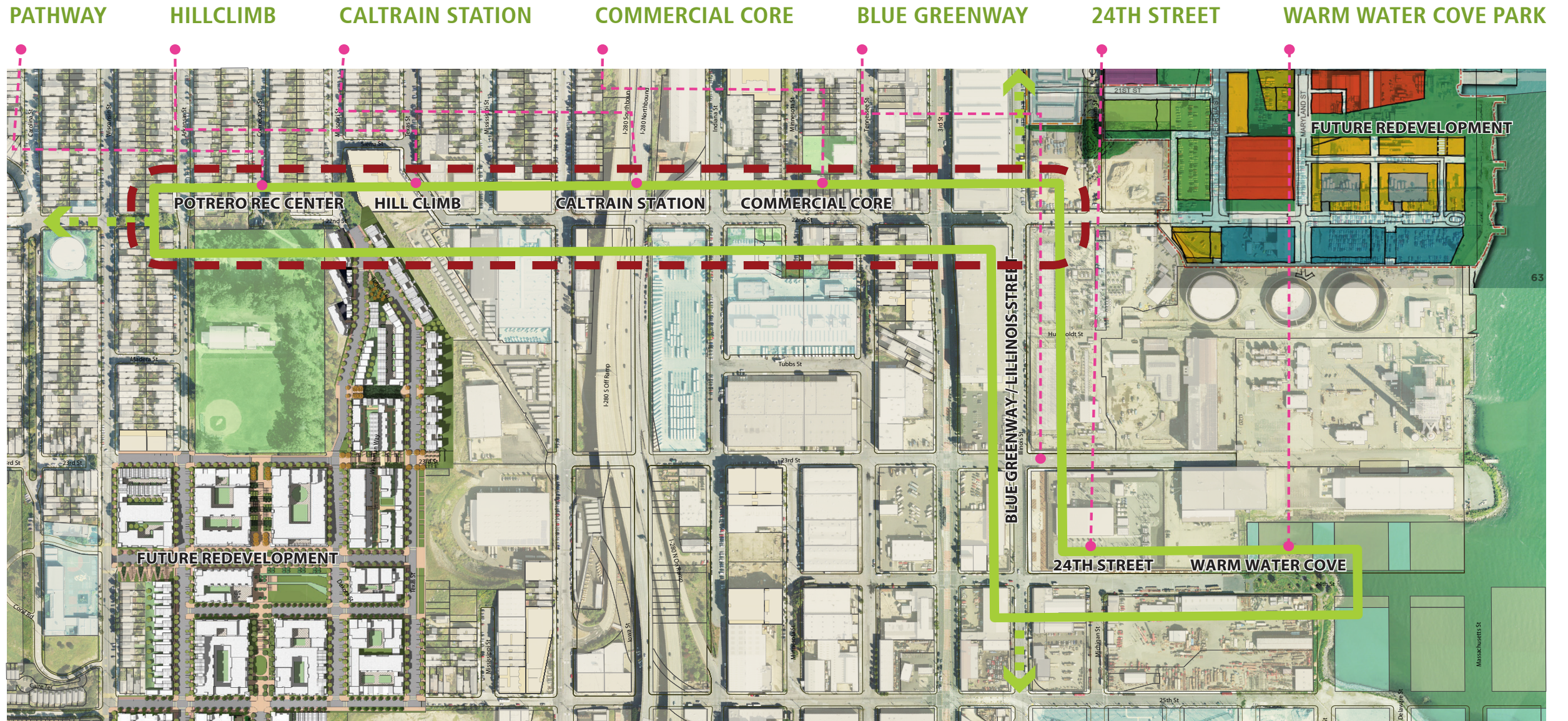
## POLICY 5.3.3

*Design intersections of major streets to reflect their prominence as public spaces.*





# Green Connections Plan



San Francisco Green Connections, SF Planning, SFMTA and SF DPH, March 2014



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# Central Waterfront - Dogpatch Public Realm Plan



[sf-planning.org/CentralWaterfrontPRP](http://sf-planning.org/CentralWaterfrontPRP)



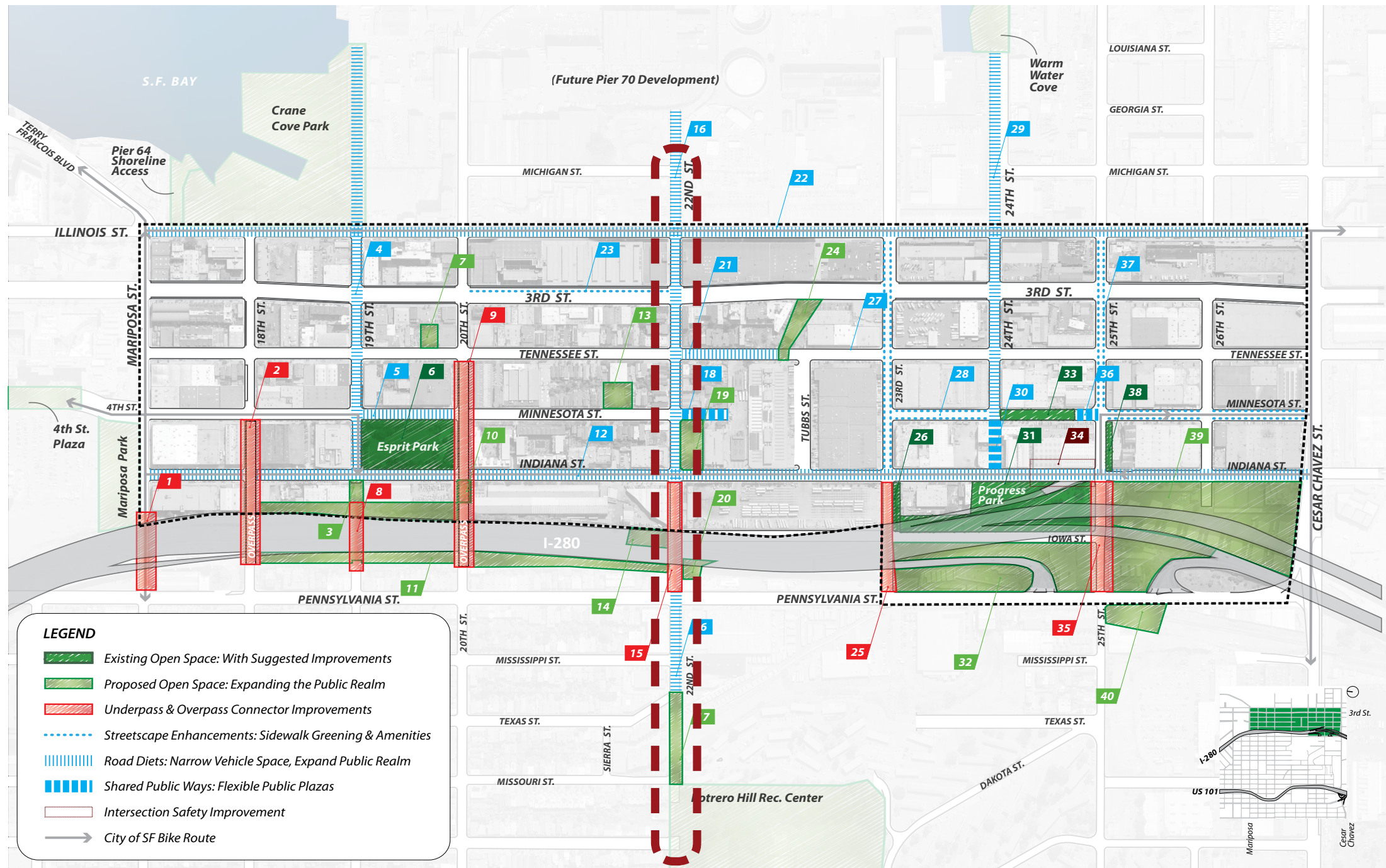
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# Dogpatch - NW Potrero Hill GBD Vision Plan



UP Urban and  
CMG Landscape  
Architecture, with  
DNA and  
Potrero Boosters,  
October 2013



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# 22nd Street Greening Master Plan

## THE MASTER PLAN



TOOL KIT & UNIT COST ESTIMATES 26

## MASTER PLAN

GreenTrustsf 22ND STREET GREENING MASTER PLAN



Fletcher Studio and Nelson/Nygaard, for Greent Trust SF and the San Francisco

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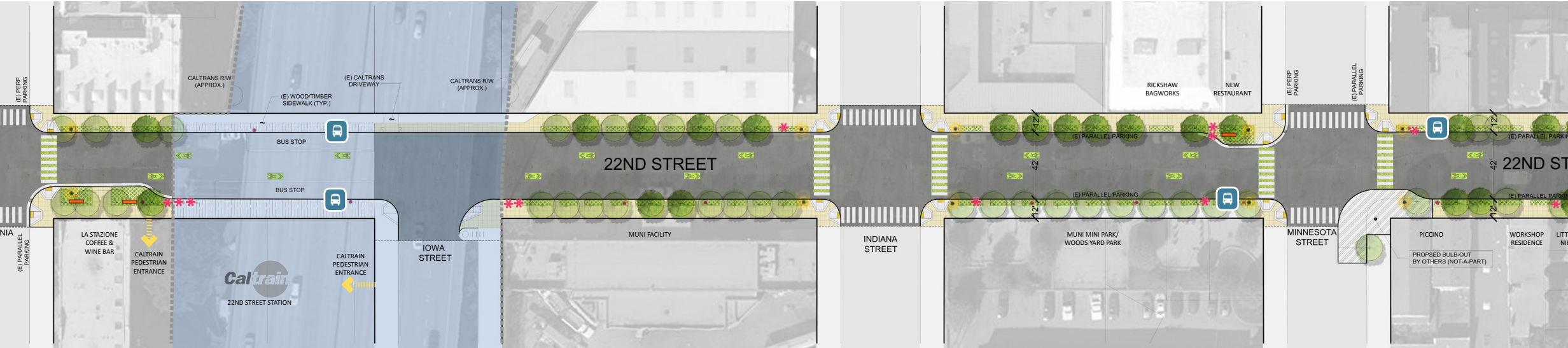


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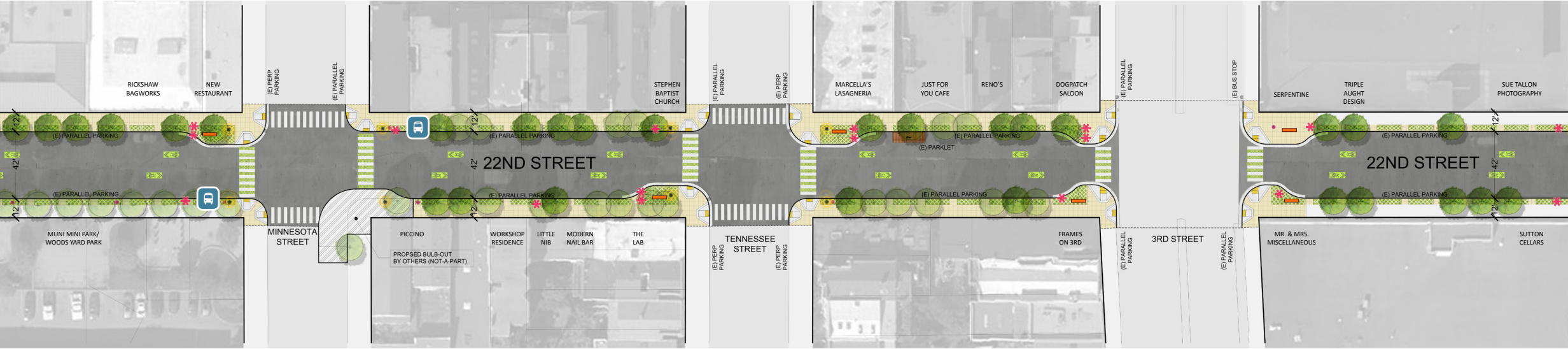
# Conceptual Design

By PUBLIC WORKS DESIGN TEAM



\*An additional \$600,000 will come from the Public Works Paving Program budget. This includes paving from Illinois Street to Pennsylvania Ave with the exception of the Caltrain bridge.

- |  |  |  |
|--|--|--|
|  New Sidewalks                  |  New Continental Crosswalks                 |  Pedestrian Lighting  |
|  New Roadway Paving             |  New Special Treatment between Continentals |  New Trash Receptacle |
|  Relocated Catch Basin & Gutter |  New Bicycle Sharrows                       |  New Benches          |
|  New Curb Ramps                 |  New Bike Rack                              |  |





# Project Overview

## FEATURES

- 6 Blocks** of Repaving (\$600,000 from Paving Program)
- 19,400 SF** New Sidewalks w/ Integral Color
- 9** Bulb-outs
- 38** New Street Trees
- 3 Year** Maintenance for New Trees
- 7,150 SF** Permeable Paving
- 7,150 SF** Low-maintenance, Drought Tolerant Planting
- 7,150 SF** Irrigation
- 1,855 SF** Special Treatment at Crosswalks @ 6 Intersections
- 18** New Pedestrian Light Fixtures (& Conduit) @ Intersections
- 24** Painted Sharrows
- 30** Bike Racks
- 9** Benches
- 13** New Trash Receptacles (at bus stops & existing locations)

## SCHEDULE

The March 30 Community Meeting goal is to get your feedback to key design decisions on 22nd Street. This will allow the design team to move forward with detailed design.

The schedule below shows the duration for each phase of the project. With clear feedback from tonight's meeting detailed design can start in April 2016.



## FUNDING

The 22nd Street Green Connection project will be funded through Development Impact Fees in the amount of \$3 million and the Public Works Paving Program Budget in the amount of \$600,000. The total project budget for the streetscape is \$3.6 Million.



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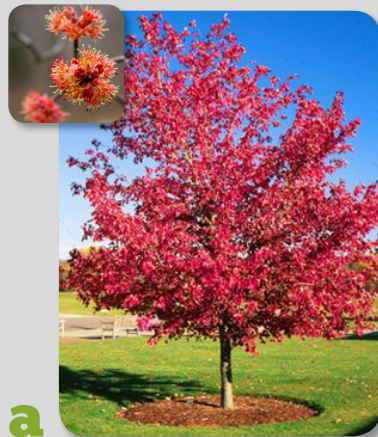
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# Conceptual Design Elements

## STREETSCAPE GREENING

### TREE SPECIES AT INFILL STREET TREES



**a**

*ACER RUBRUM*  
Red Maple

Deciduous, 60' ht, 40' spread,  
excellent shade tree with seasonal  
interest in spring and fall, tolerant  
of poor soils



**b**

*GINKGO BILOBA*  
Ginkgo Tree

Deciduous, 35-45' ht, 25-40'  
spread, slow growing,  
dramatic fall foliage, drought  
tolerant, prefers sun



**c**

*JACARANDA MIMOSIFOLIA*  
Jacaranda Tree

Semi-deciduous, 20-35' ht, 15-25'  
spread, light canopy, small oval  
leaflets of light green foliage,  
lavender flower clusters in spring



**d**

*MAGNOLIA GRANDIFLORA*  
Southern Magnolia

Evergreen, 80' ht, 60' spread,  
dense canopy, large white fragrant  
flowers in spring, large dark glossy  
green foliage



**e**

*PLATANUS X. ACERIFOLIA*  
London Plane Tree

Deciduous, 30-50' ht, 30-40'  
spread, fast growing, light canopy,  
unique bark, low maintenance,  
well adapted to urban conditions



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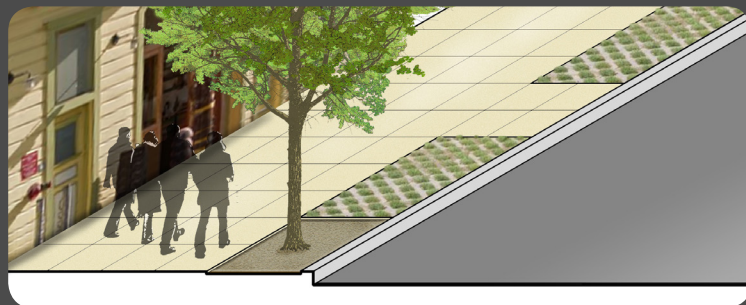
# Conceptual Design Elements

## STREETSCAPE GREENING

### GREENING ZONE

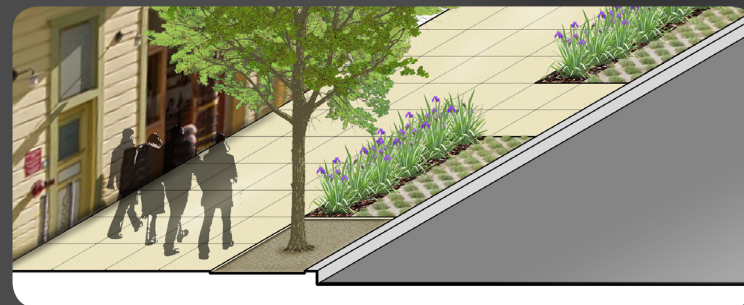
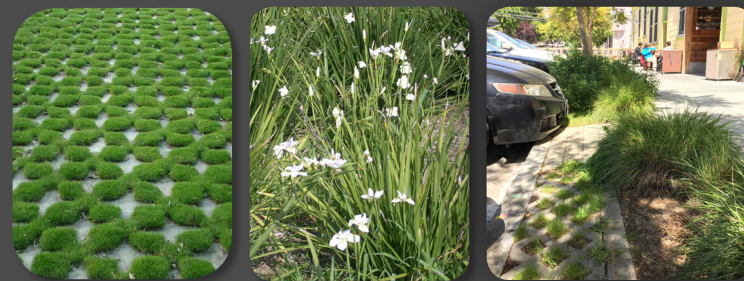
#### AT SIDEWALK FURNISHING ZONE & SIDEWALK EXTENSIONS

##### a COMPLETE "GREEN FUZZ"



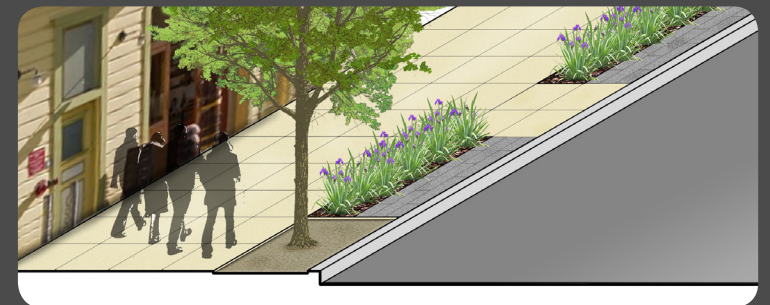
TYPICAL SECTION

##### b "GREEN FUZZ" + UNDERSTORY PLANTING



TYPICAL SECTION

##### c UNIT PAVERS + UNDERSTORY PLANTING



TYPICAL SECTION





# Conceptual Design Elements

## SITE FURNISHINGS

### BENCHES



**a** "STRATA BEAM" BENCH  
Top image shows backless & armless bench style. Bottom image shows bench style with back & armrests.



**b** "REST" BENCH  
Top image shows backless bench style with center divisions. Bottom image shows bench style with back.

### PEDESTRIAN LIGHTING



**a** "HI-GLO" LIGHT  
14' Height, vertical pole with twist aesthetic, LED fixture, powdercoat finish



**b** "FGP" LIGHT  
16' Height, triangular head, LED fixture, powdercoat finish

### OTHER SITE AMENITIES



NEW CONCRETE SIDEWALKS



TRASH RECEPTACLES



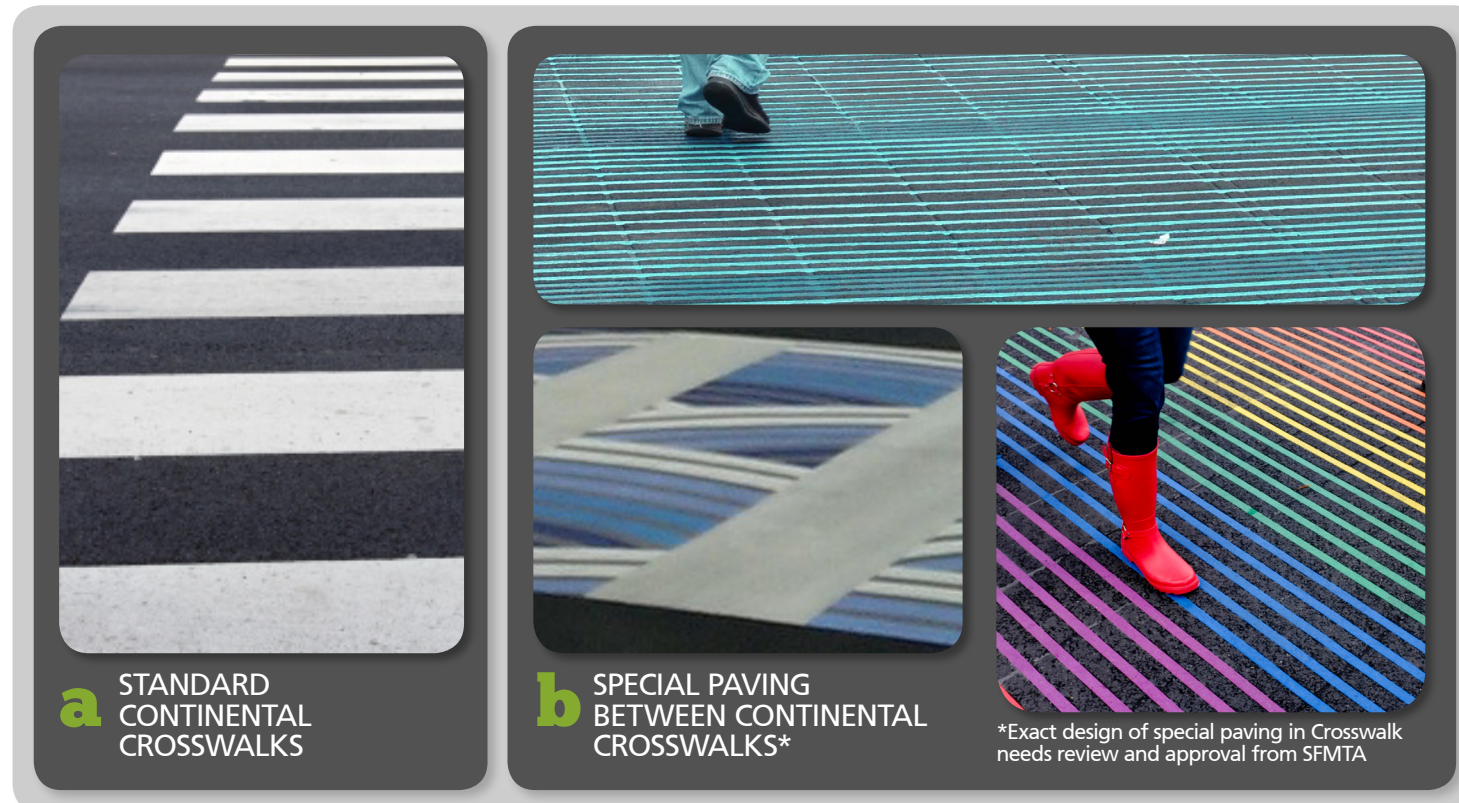
BIKE RACKS





# Conceptual Design Elements






## CROSSWALK TREATMENTS



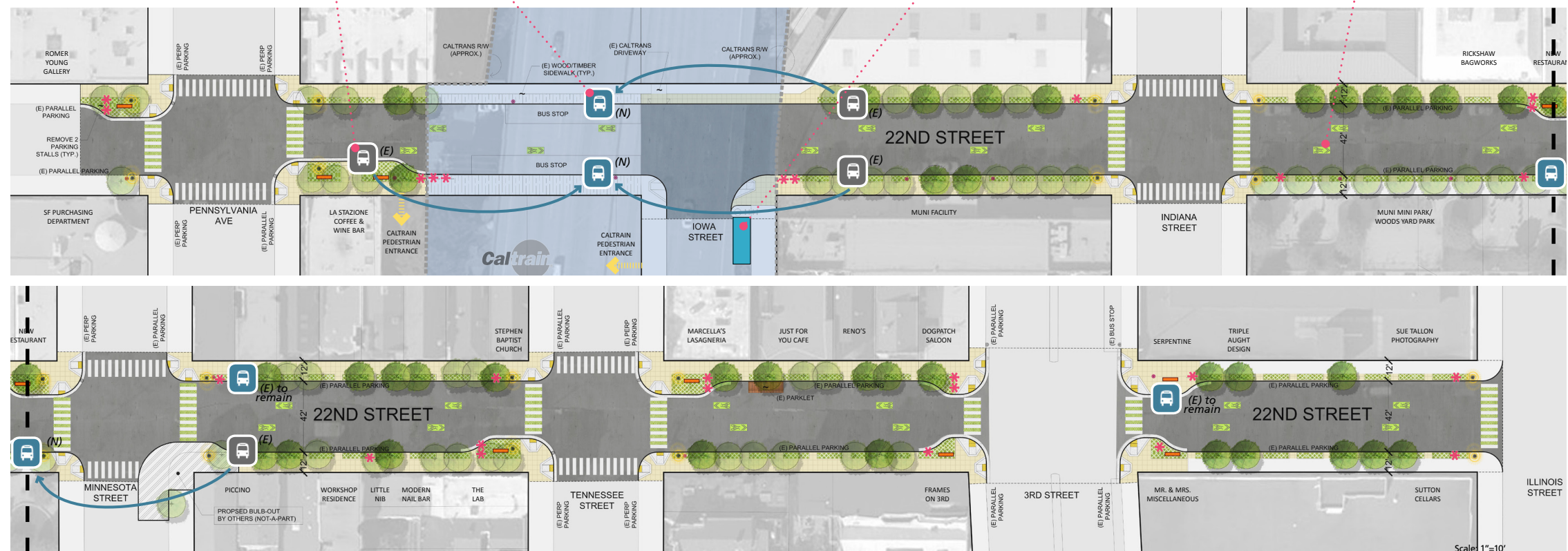


# Conceptual Design Elements

## TRANSPORTATION

| EXISTING BUS STOPS  | NEW BUS STOPS   | BIKE SHARE FACILITIES  | BIKE CORRALS   | SHARROWS  |
|---|---|--|--|---|
|  |  |    |   |    |
| See plan for (E) bus stop locations.  | See plan for (N) bus stop consolidations/relocations and (E) to remain as is.     | The plan has identified opportunities to add Bay Area Bike Share stations to the streetscape, providing residents and visitors transportation to the larger Dogpatch and Potrero Hill neighborhoods. Potential locations could include Iowa Street, adjacent to the Caltrain Station as a way of linking multi-modal transportation options. | The plan has also identified a need for additional bike parking along 22nd Street, particularly outside the Caltrain Station and near highly frequented businesses along the corridor. Corrals are on-street bicycle racks efficiently located in one parking space. | Sharrows along 22nd street will mark shared bike & vehicular travel lanes, while providing a safe connection between Illinois & Caltrain. |

## OVERVIEW



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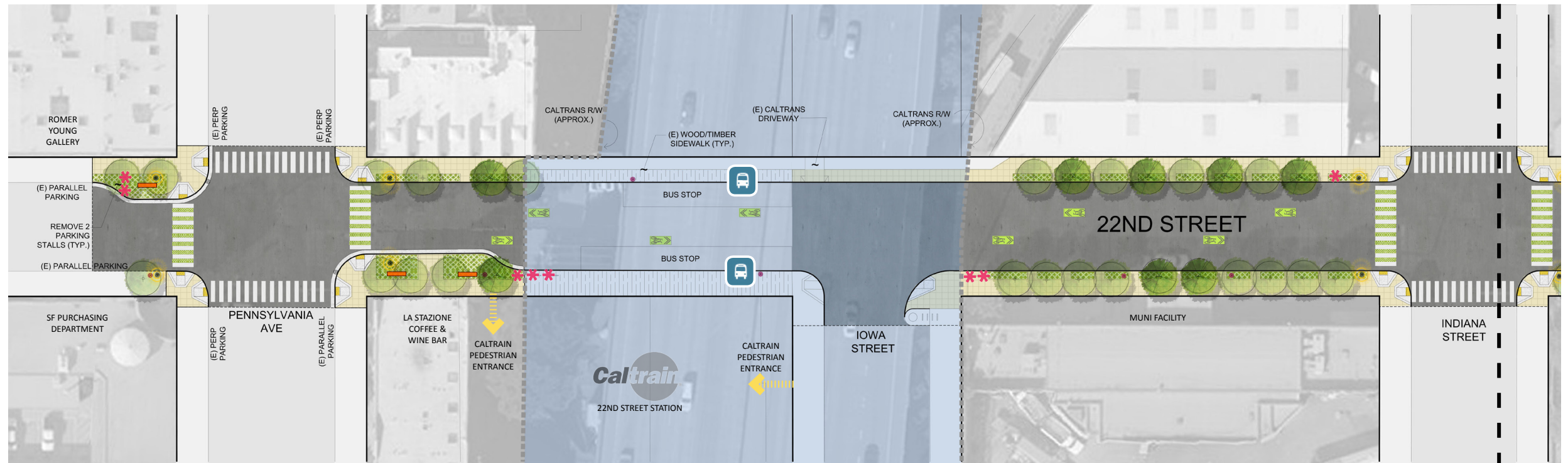


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# Conceptual Design Enlargements

Pennsylvania Ave to Indiana St



## LEGEND

- New Tree
- (E) Tree to Remain
- Greening Zone (Incl. Planting & Irrigation)
- New Bus Stops

- New Sidewalks
- New Roadway Paving
- Relocated Catch Basin & Gutter
- New Curb Ramps

- New Continental Crosswalks
- New Special Treatment between Continentals
- New Bicycle Sharrows
- New Bike Rack

- Pedestrian Lighting
- New Trash Receptacle
- New Benches

Scale: 1/16" = 1'-0"



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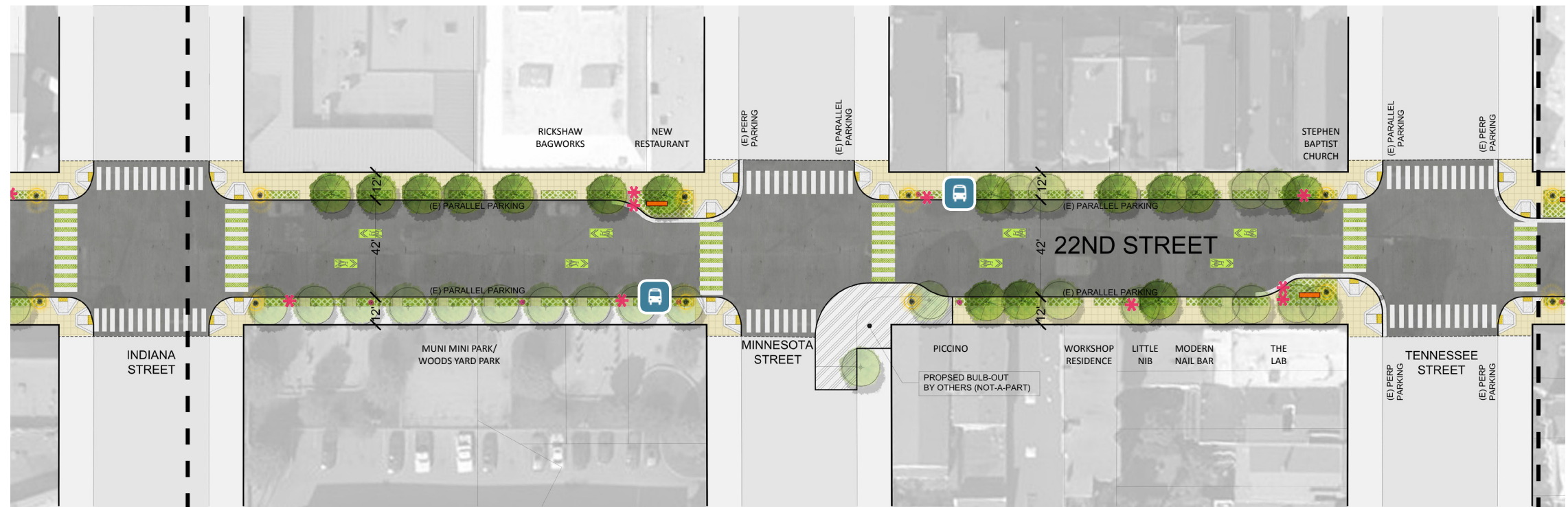


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# Conceptual Design Enlargements

Indiana St to Tennessee St



## LEGEND

- |  |  |  |                                |  |  |  |                      |
|--|--|--|--------------------------------|--|--|--|----------------------|
|  | New Tree                                   |  | New Sidewalks                  |  | New Continental Crosswalks                 |  | Pedestrian Lighting  |
|  | (E) Tree to Remain                         |  | New Roadway Paving             |  | New Special Treatment between Continentals |  | New Trash Receptacle |
|  | Greening Zone (Ind. Planting & Irrigation) |  | Relocated Catch Basin & Gutter |  | New Bicycle Sharrow Striping               |  | New Benches          |
|  | New Bus Stops                              |  | New Curb Ramps                 |  | New Bike Rack                              |  |                      |

Scale: 1/16" = 1'-0"



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













# Conceptual Design Enlargements


Tennessee St to Illinois St



## LEGEND

- |   |   |   |                                |   |  |   |                      |
|---|---|---|--------------------------------|---|--|---|----------------------|
|  | New Tree                                    |  | New Sidewalks                  |  | New Continental Crosswalks                 |  | Pedestrian Lighting  |
|  | (E) Tree to Remain                          |  | New Roadway Paving             |  | New Special Treatment between Continentals |  | New Trash Receptacle |
|  | Greening Zone (Incl. Planting & Irrigation) |  | Relocated Catch Basin & Gutter |  | New Bicycle Sharrows                       |  | New Benches          |
|  | New Bus Stops                               |  | New Curb Ramps                 |  | New Bike Rack                              |   |                      |

Scale: 1/16" = 1'-0"




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# Timeline & Next Steps for 22nd St Project

|                           |   |  |
|---------------------------|---|--|
| JUN 2015 - MAR 2016       | Neighborhood & GBD Mtgs                 |  |
| DEC 2015                  | Funding Confirmed by EN CAC and IPIC    |  |
| MAR 9th 2016              | Public Realm Plan Community Mtg         |  |
| MAR 30th 2016             | 22nd Street Project Community Mtg       |  |
| SPRING 2016               | 22nd Street Bridge Reconstruction Start |  |
| SPRING 2016               | 22nd Street Project Design Start        |  |
| WINTER 2016 - SUMMER 2017 | Contracting                             |  |
| SUMMER 2017 - SPRING 2018 | Construction                            |  |

*Neighborhood Meetings include monthly meetings with Potrero Dogpatch Merchants' Assn, Dogpatch Neighborhood Assn, Potrero Boosters Neighborhood Assn, and Dogpatch - NW Potrero GBD Board.*



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