TONIGHT’S TOPICS

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>AUG 2008</td>
<td>Eastern Neighborhoods Program (SF Planning Department)</td>
</tr>
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<td>DEC 2008</td>
<td>Central Waterfront Area Plan (SF Planning Department)</td>
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<tr>
<td>JUN 2010</td>
<td>San Francisco Better Streets Plan (City of SF)</td>
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<tr>
<td>MAY 2011</td>
<td>22nd Street Greening Master Plan (DNA, GreenTrustSF, Fletcher Studios)</td>
</tr>
<tr>
<td>NOV 2013</td>
<td>Green Vision Plan (Dogpatch - NW Potrero Hill Green Benefit District)</td>
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<tr>
<td>MAR 2014</td>
<td>Green Connections (City of SF)</td>
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<tr>
<td>ONGOING</td>
<td>Central Waterfront - Dogpatch Public Realm Plan (SF Planning Department)</td>
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LIVING STREETS

As shown above, alleyways could be converted to “living streets,” i.e., narrow streets designed to calm traffic and provide a pedestrian-friendly environment. The Planning Department is currently working with the Redevelopment Agency and the Department of Public Works on three streets in the East SoMa: Minna, Natoma, and Russ Streets. These streets will set the standard for additional living streets to be designed throughout all the Plan areas.

Eastern Neighborhoods Program

22ND STREET GREEN CONNECTION | COMMUNITY MEETING | 30 MARCH 2016
Central Waterfront Area Plan

<table>
<thead>
<tr>
<th><strong>OBJECTIVE 5.3</strong></th>
<th>Create a network of green streets that connects open spaces and improves the walkability, aesthetics, and ecological sustainability of the neighborhood.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POLICY 5.3.1</strong></td>
<td>Redesign underutilized portions of streets as public open spaces, including widened sidewalks or medians, curb bulb-outs, “living streets” or green connector streets.</td>
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<tr>
<td><strong>POLICY 5.3.2</strong></td>
<td>Maximize sidewalk landscaping, street trees and pedestrian scale street furnishing to the greatest extent feasible.</td>
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<tr>
<td><strong>POLICY 5.3.3</strong></td>
<td>Design intersections of major streets to reflect their prominence as public spaces.</td>
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</table>
Green Connections Plan

DESIGN CONCEPT

The conceptual design proposes the following:

22nd Street Pathway.
Install pedestrian improvements such as lighting and improvements to the informal pathway that currently links Arkansas Street to Missouri Street.

22nd Street Hill Climb.
Develop a hillclimb on what is currently missing link along 22nd street between the Potrero Hill Recreation Center and Texas Street.

FUTURE REDEVELOPMENT

The Potrero Hill / Dogpatch Green Connection will provide an important link between the Potrero Hill Recreation Center and Warm Water Cove Park. The plan builds on several existing planning efforts recently completed or currently underway in the neighborhood and will improve safety and connectivity for pedestrians and bicyclists traveling along the corridor.

PATHWAY  HILLCLIMB  CALTRAIN STATION  COMMERCIAL CORE  BLUE GREENWAY  24TH STREET  WARM WATER COVE PARK

San Francisco Green Connections, SF Planning, SFMTA and SF DPH, March 2014
Central Waterfront - Dogpatch Public Realm Plan

sf-planning.org/CentralWaterfrontPRP
Dogpatch - NW Potrero Hill GBD Vision Plan

LEGEND
- Existing Open Space: With Suggested Improvements
- Proposed Open Space: Expanding the Public Realm
- Underpass & Overpass Connector Improvements
- Streetscape Enhancements: Sidewalk Greening & Amenities
- Road Diets: Narrow Vehicle Space, Expand Public Realm
- Shared Public Ways: Flexible Public Plazas
- Intersection Safety Improvement
- City of SF Bike Route
22nd Street Greening Master Plan

THE MASTER PLAN

[Map image showing the 22nd Street Greening Master Plan with labeled streets and green spaces]
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 Roadway Paving
- Relocated Catch Basin & Gutter
- New Curb Ramps
- New Continental Crosswalks
- New Special Treatment between Continentals
- New Bicycle Sharrow Striping
- New Bike Rack
- Pedestrian Lighting
- New Trash Receptacle
- New Benches

LEGEND

- Conceptual Design
- 22ND STREET STATION
- CALTRAIN PEDESTRIAN ENTRANCE
- CALTRAIN PEDESTRIAN ENTRANCE
- 22ND STREET GREEN CONNECTION
- COMMUNITY MEETING
- 30 MARCH 2016
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.

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.
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

22ND STREET GREEN CONNECTION | COMMUNITY MEETING | 30 MARCH 2016
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

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

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

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

PRUNUS X. BLIREANA
Flowering Plum
Deciduous, 25' ht, 20' spread, moderate to fast growing, graceful form, small oval purple foliage, pink fragrant flowers

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

GINKGO BILOBA
Ginkgo Tree
Deciduous, 35-45' ht, 25-40' spread, slow growing, dramatic fall foliage, drought tolerant, prefers sun
Conceptual Design Elements

SITE FURNISHINGS

BENCHED

"STRATA BEAM" BENCH
Top image shows bucket & armrests bench style. Bottom image shows bench style with back.

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

PEDESTRIAN LIGHTING

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

"FGP" LIGHT
16' height, triangular head, LED fixture, powdercoat finish

OTHER SITE AMENITIES

SPECIAL PAVING BETWEEN CONTINENTAL CROSSWALKS*

NEW CONCRETE SIDEWALKS

TRASH RECEPTACLES

BIKE RACKS

*Exact design of special paving in Crosswalk needs review and approval from SFMTA
Conceptual Design Elements
CROSSWALK TREATMENTS

a. STANDARD CONTINENTAL CROSSWALKS

b. SPECIAL PAVING BETWEEN CONTINENTAL CROSSWALKS

*Exact design of special paving in Crosswalk needs review and approval from SFMTA
Conceptual Design Elements

**TRANSPORTATION**

**EXISTING BUS STOPS**
See plan for (E) bus stop locations.

**NEW BUS STOPS**
See plan for (N) bus stop consolidations/relocations and (E) to remain as is.

**BIKE SHARE FACILITIES**
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.

**BIKE CORRALS**
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**
Sharrows along 22nd street will mark shared bike & vehicular travel lanes, while providing a safe connection between Illinois & Caltrain.

**OVERVIEW**

See plan for (N) bus stop consolidations/relocations and (E) to remain as is.
Conceptual Design Englargements

Pennsylvania Ave to Indiana St

LEGEND
- New Tree
- (T) 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 Sharrow Striping
- New Bike Rack
- New Trash Receptacle
- New Benches
- Pedestrian Lighting
Conceptual Design Englargements
Indiana St to Tennessee St
Conceptual Design Enlargements
Tennessee St to Illinois St
### Timeline & Next Steps for 22nd St Project

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>JUN 2015 - MAR 2016</td>
<td>Neighborhood &amp; GBD Mtgs</td>
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<tr>
<td>DEC 2015</td>
<td>Funding Confirmed by EN CAC and IPIC</td>
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<tr>
<td>MAR 9th 2016</td>
<td>Public Realm Plan Community Mtg</td>
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<tr>
<td>MAR 30th 2016</td>
<td>22nd Street Project Community Mtg</td>
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<tr>
<td>SPRING 2016</td>
<td>22nd Street Bridge Reconstruction Start</td>
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<tr>
<td>SPRING 2016</td>
<td>22nd Street Project Design Start</td>
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<tr>
<td>WINTER 2016 - SUMMER 2017</td>
<td>Contracting</td>
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<tr>
<td>SUMMER 2017 - SPRING 2018</td>
<td>Construction</td>
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*Neighborhood Meetings include monthly meetings with Potrero Dogpatch Merchants’ Assn, Dogpatch Neighborhood Assn, Potrero Boosters Neighborhood Assn, and Dogpatch - NW Potrero GBD Board.*