

# Cargo Way Streetscape Project



**Community Workshop #1**  
**November 7, 2007**



# Presentation Outline

- Project Background
- Project Goals
- Existing Conditions
- Draft Design Alternatives
- Next Steps

# Cargo Way



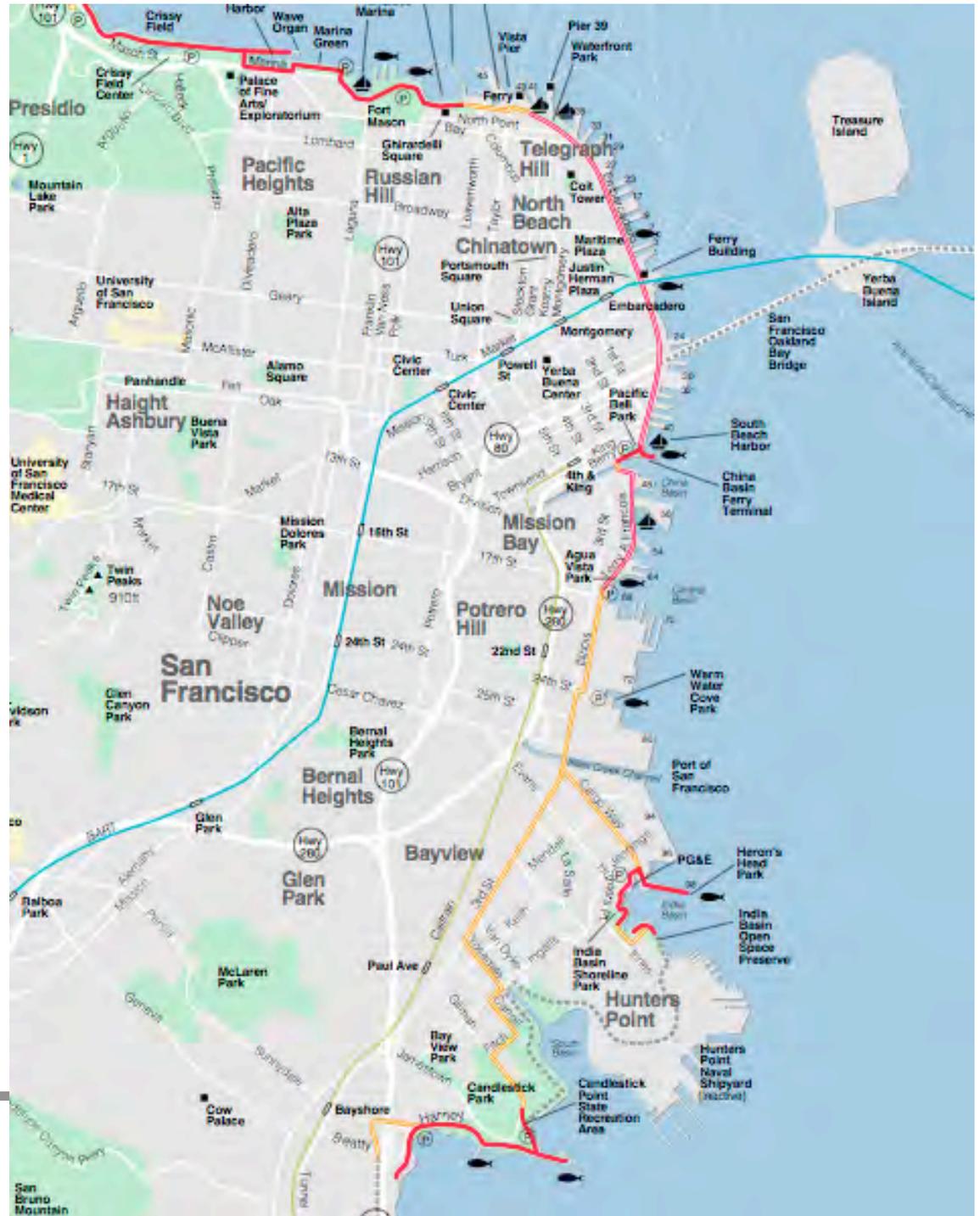
# Project Location



# Background

March 2006 – ABAG awards \$75k grant to:

- ✓ Complete a Bay Trail segment on Cargo Way
- ✓ Develop a conceptual design for possible improvements
- ✓ Improve access and safety for pedestrians & bicyclists
- ✓ Preserve vehicular and truck access
- ✓ Use design concept to secure future capital funding



## The Bay Trail

Cargo Way Conceptual Streetscape Plan

# Project Scope

1. Existing conditions research (Sept./Oct.)
2. Alternative design concepts (Nov.)
  - ✓ **Public Workshop #1 (TONIGHT!)**
3. Bicycle tour (Dec. 1)
4. Preferred design concept (Dec.)
  - ✓ **Public Workshop #2**
5. Final design concept and cost estimate (Jan./Feb.)
6. Ongoing input from BVHP PAC and SWAC

# Project Goals

- Connectivity
- Sustainability
- Implementability



# Muni Third Street Light Rail Project

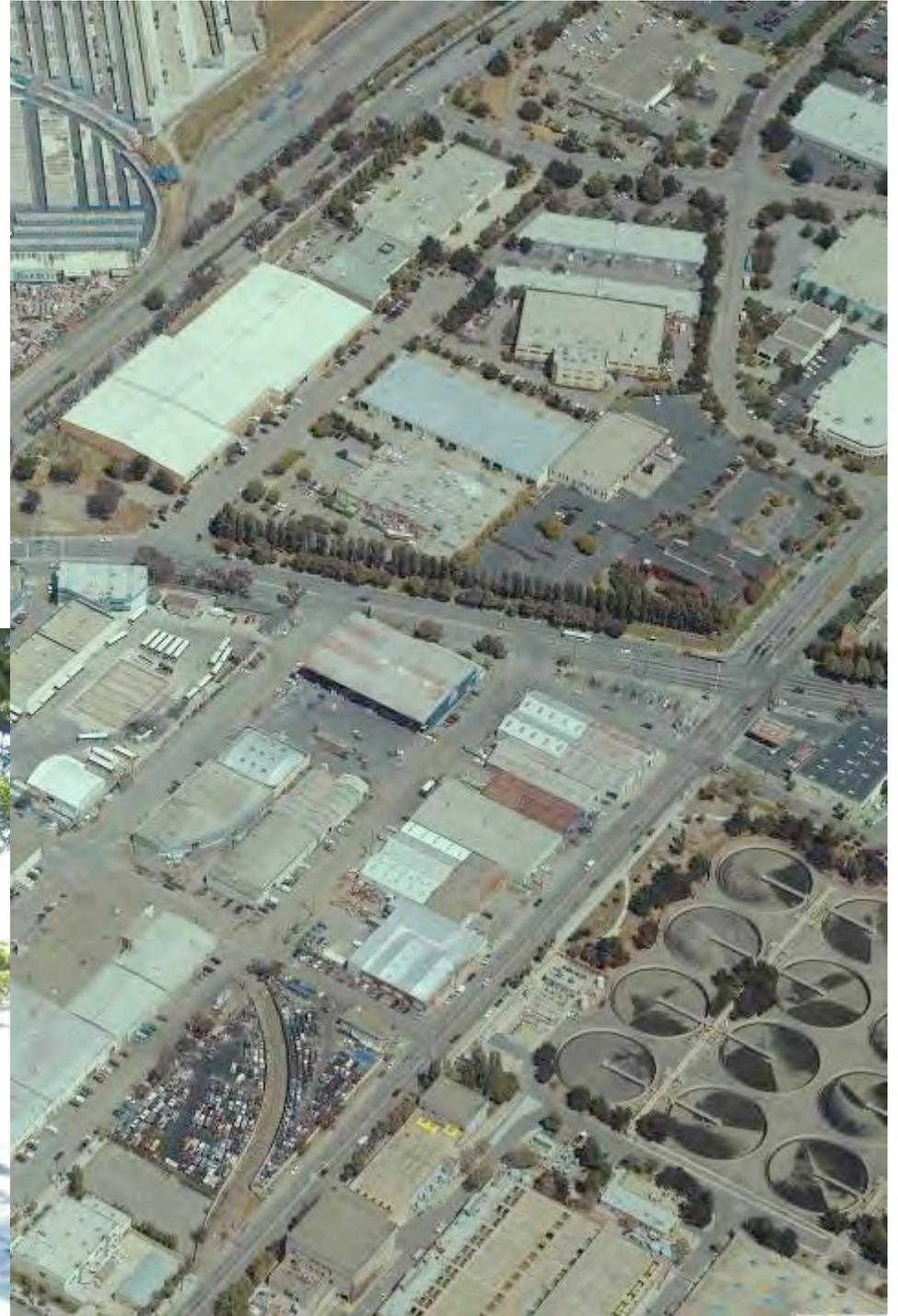


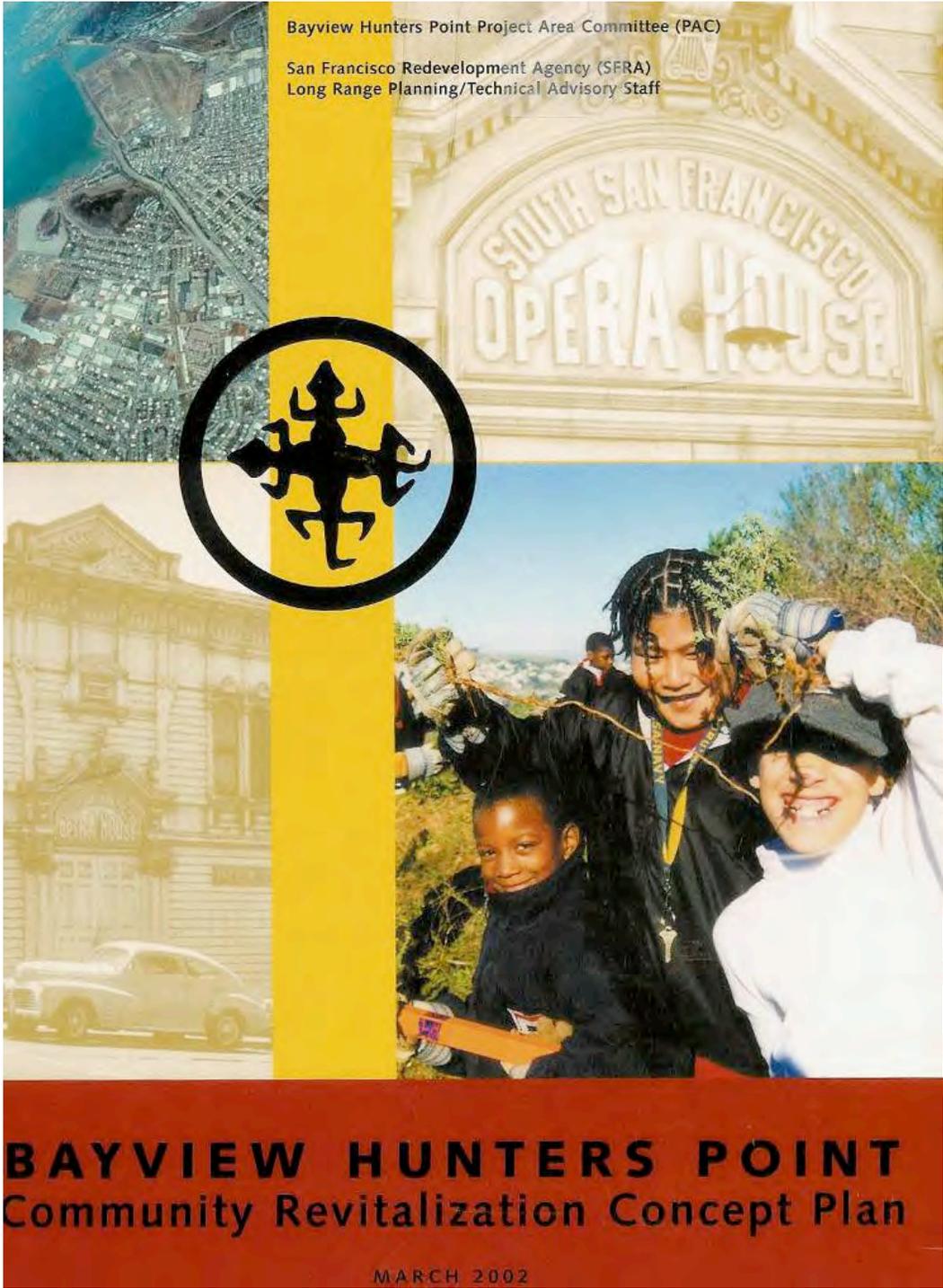
# 1. Connectivity





## 2. Sustainability





# 3. Implementability



Bayview Hunters Point Project Area Committee (PAC)

San Francisco Redevelopment Agency (SFRA)  
Long Range Planning/Technical Advisory Staff



# BAYVIEW HUNTERS POINT Community Revitalization Concept Plan

MARCH 2002



## Map 17 Enhanced Truck Route Plan

For Illustrative Purposes Only



SF City and County Line

Enhanced Truck Routes





Bayview Hunters Point Project Area Committee (PAC)  
 San Francisco Redevelopment Agency (SFRA)  
 Long Range Planning/Technical Advisory Staff



# BAYVIEW HUNTERS POINT Community Revitalization Concept Plan

MARCH 2002



## Map 21

## Existing, Planned and Proposed Public Open Space

For Illustrative Purposes Only



SF City and County Line

- Existing Public Open Space
- Planned or Designated Public Open Space
- Proposed Public Open Space
- Urban Forest
- Recreation Facilities
- Third Street Light Rail Stations
- Existing Bay Trail and Proposed Extensions
- Proposed Green Streets
- Bike Routes

# Existing Conditions

1. Land Use
2. Open Space
3. Transportation
4. Geo-technical Issues
5. Utilities
6. Opportunities and Constraints



# 1. Land Use

- India Basin Industrial Park
- The Backlands

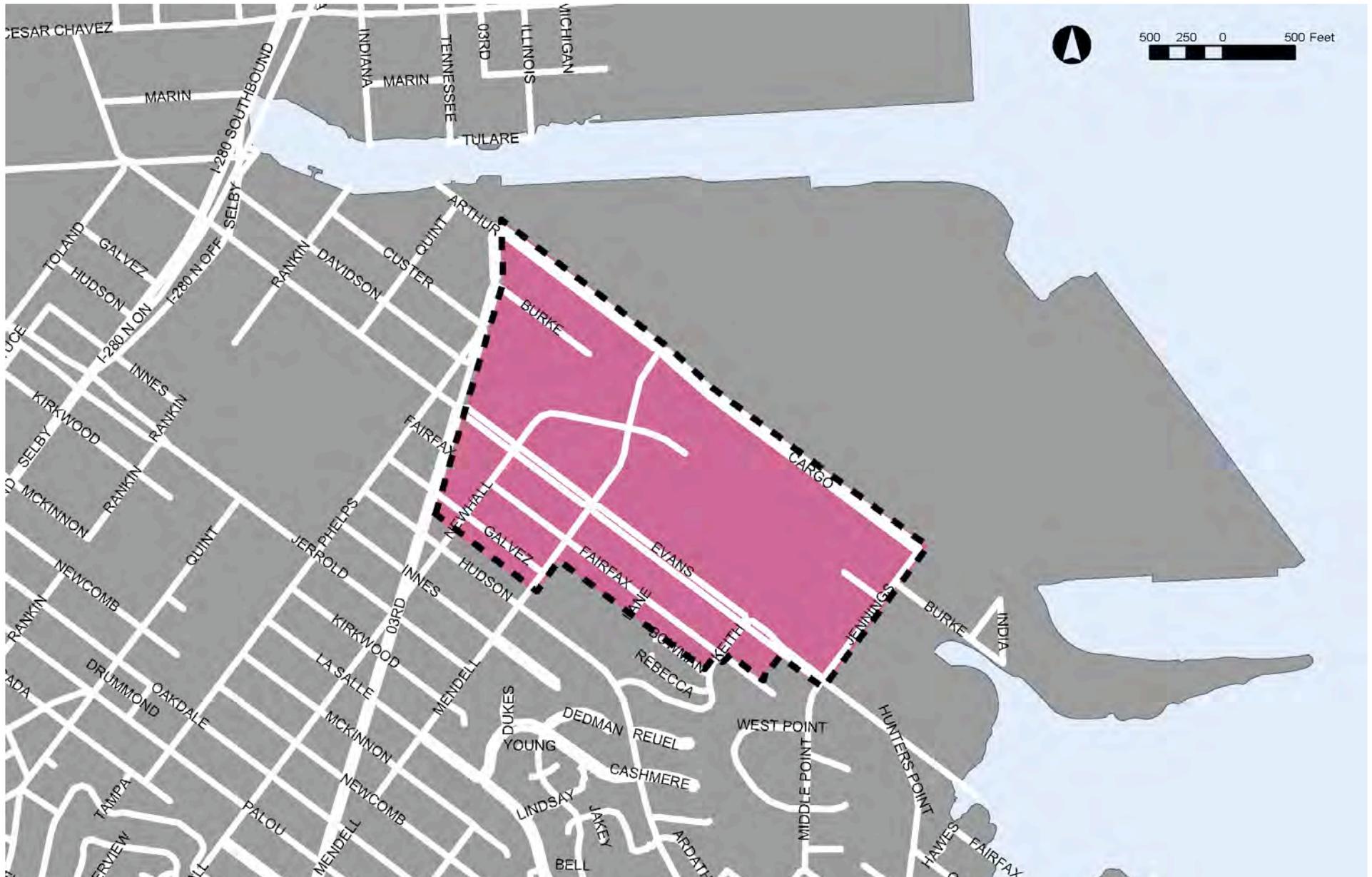




# India Basin Industrial Park

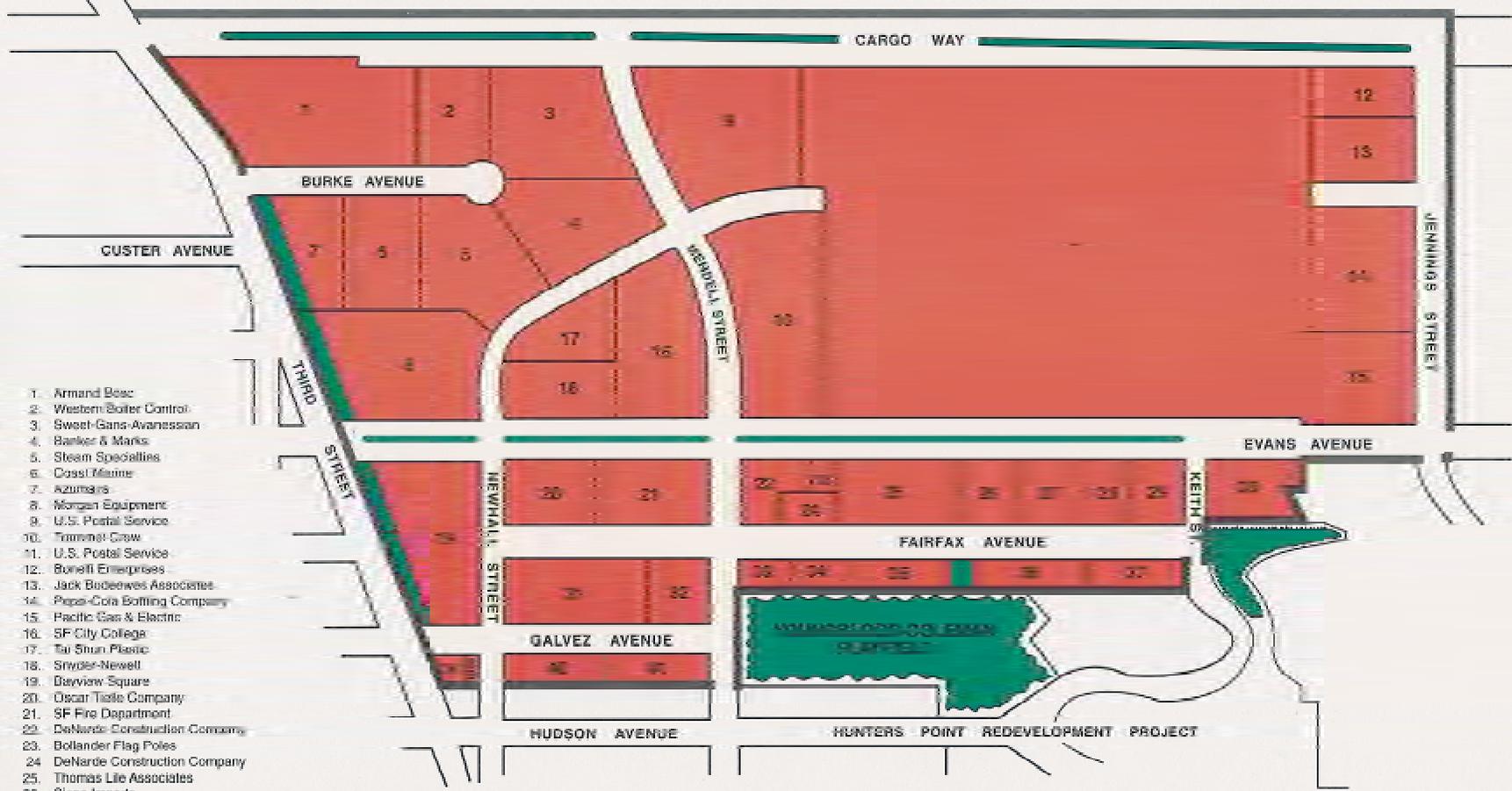
- Butchertown
- Adopted in 1969
- Modern Industrial Park





# IBIP Redevelopment Area

PORT OF SAN FRANCISCO



1. Armand Boac
2. Western Boiler Control
3. Sweet-Gans-Avanesian
4. Banker & Marks
5. Steam Specialties
6. Coast Marine
7. Azumars
8. Morgan Equipment
9. U.S. Postal Service
10. Terminal Crew
11. U.S. Postal Service
12. Bonelli Enterprises
13. Jack Bodevos Associates
14. Pepsi-Cola Bottling Company
15. Pacific Gas & Electric
16. SF City College
17. Tai Shun Plastic
18. Snyder-Newell
19. Dayview Square
20. Oscar Tittle Company
21. SF Fire Department
22. DeNardo Construction Company
23. Bollerander Flag Poles
24. DeNardo Construction Company
25. Thomas Life Associates
26. Siena Imports
27. W. W. Grainger
28. Wing Lee Electric Laundry
29. The Independent
30. Elmco Sales
31. LoFell Company
32. T. P. Company
33. Lewin-Lubarsky
34. Meals on Wheels
35. Minutemen Press
36. Minutemen Press
37. Beverly Coathanger
38. Kapa Tires
39. Ophendian Company
40. Mexican Food Products
41. O'Brien Mechanical

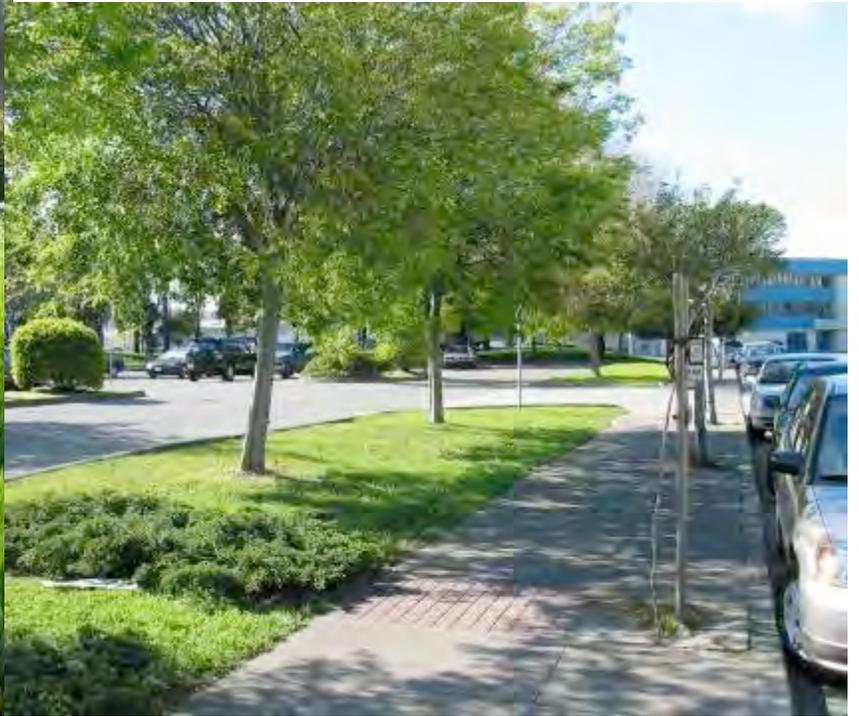
INDUSTRIAL

PARKS, PLAYGROUNDS

NOTE: All development is completed, as of January 1, 1992.

**INDIA BASIN INDUSTRIAL PARK**  
SAN FRANCISCO REDEVELOPMENT AGENCY





# The Backlands



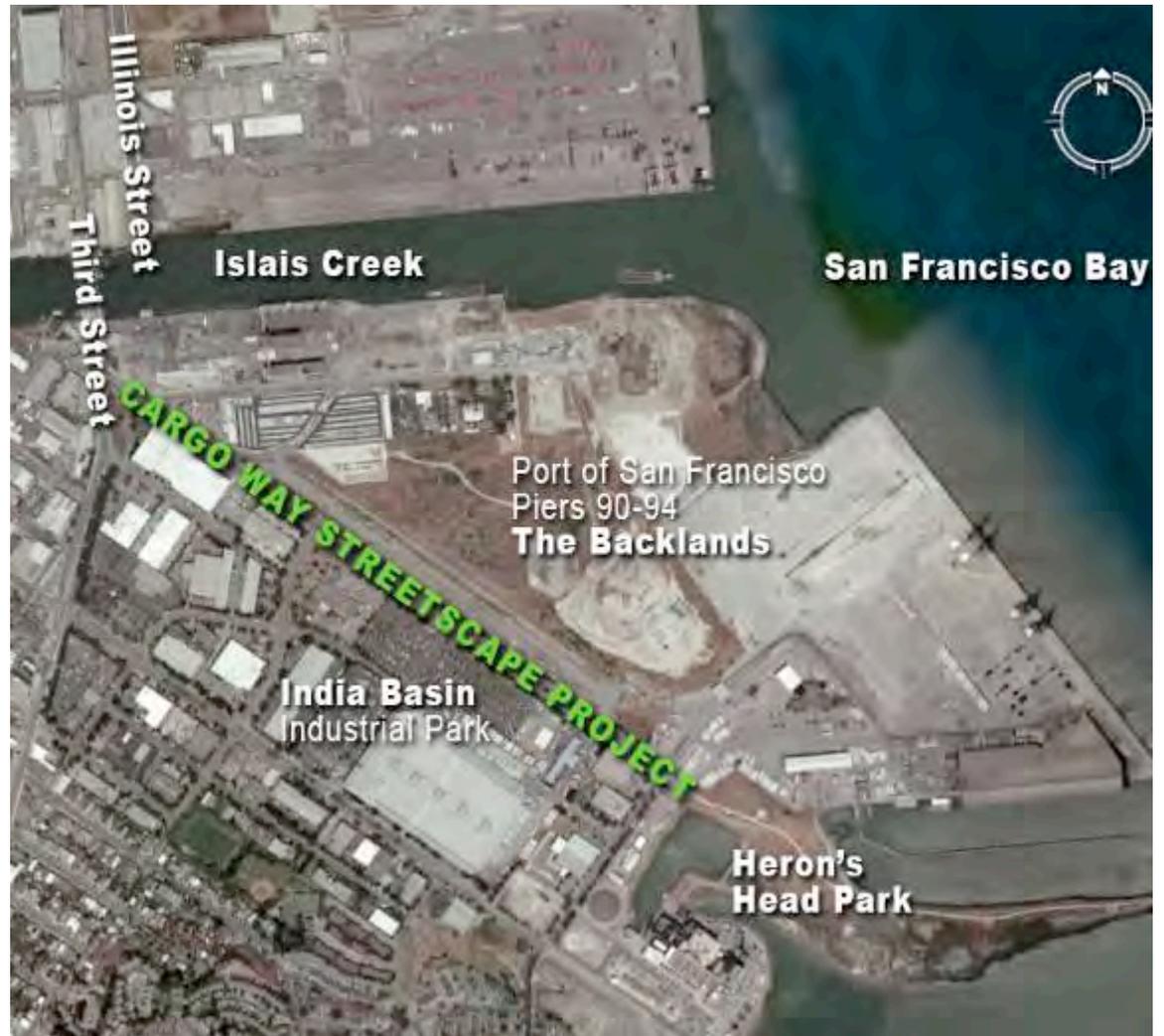
Port of San Francisco Backlands (Piers 90 – 94)

# The Backlands



## 2. Open Space

- Heron's Head Park
- Islais Creek
- India Basin Shoreline Park





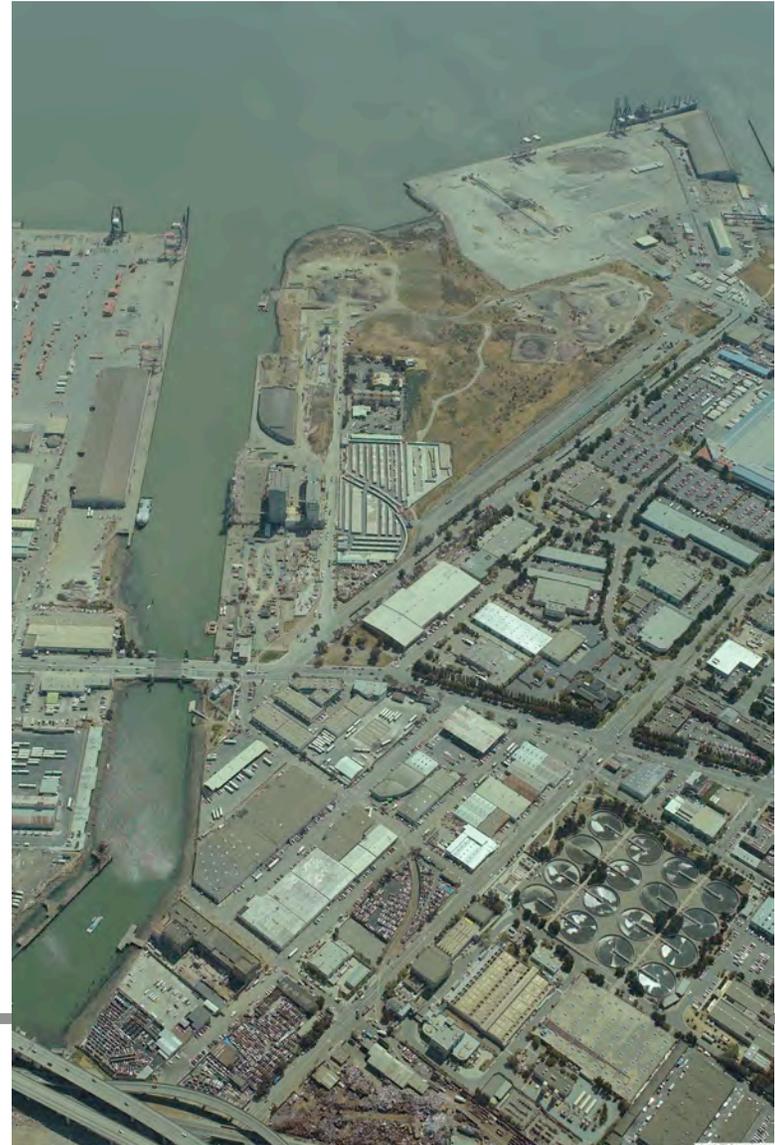
## Heron's Head Park

Cargo Way Conceptual Streetscape Plan





# Islais Creek





# India Basin Shoreline Park

# 3. Transportation



**Light rail on Third St. at  
Cargo Way**



**Illinois St. bridge under  
construction**

# The Bay Trail and Blue Greenway



**A 13-mile greenway/waterway along San Francisco's waterfront**



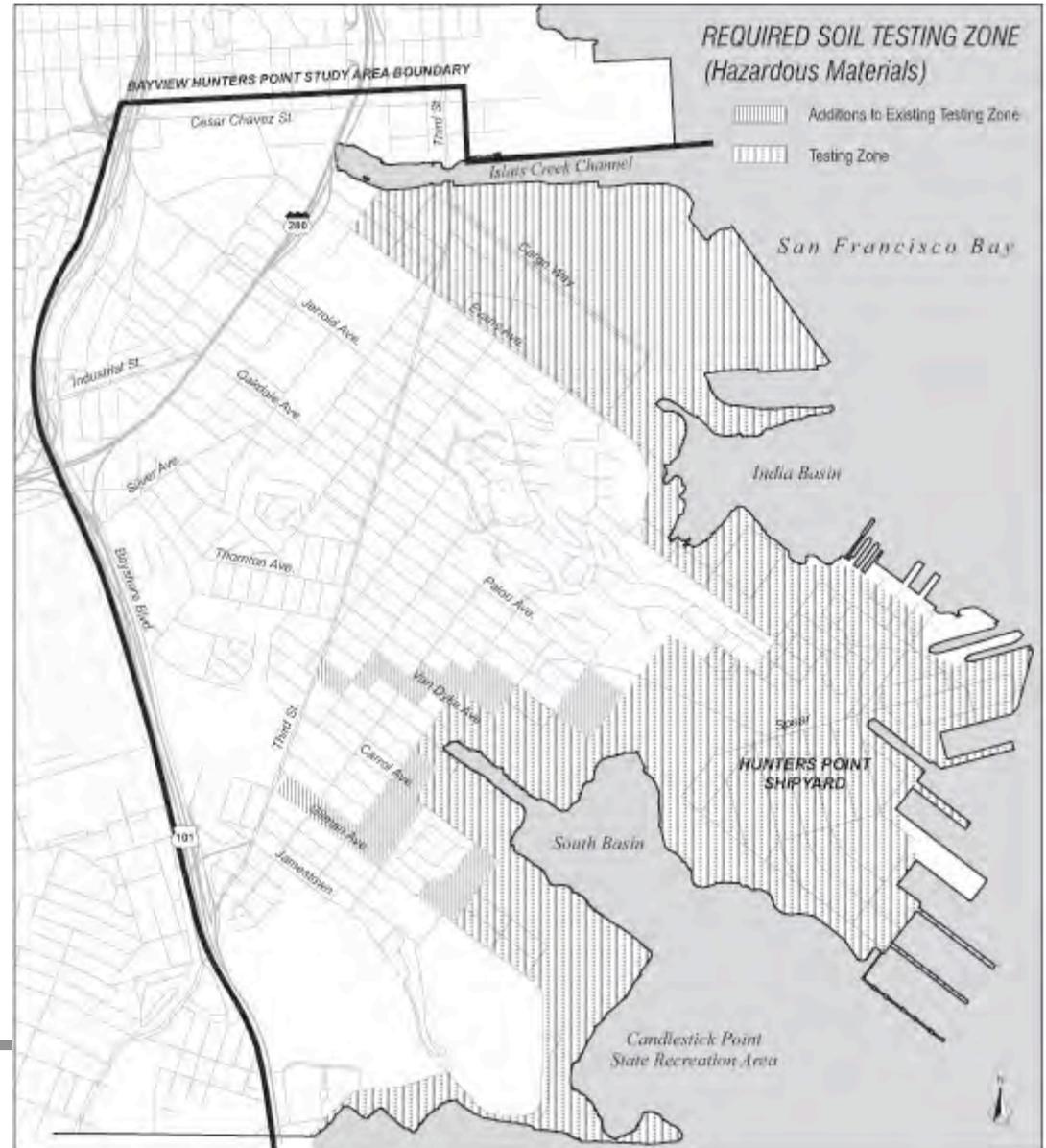
# The Better Streets Plan



**A policy master plan underway to provide standards and guidelines to govern the design of San Francisco's streets**

# 4. Geotechnical Issues

- Land fill and soft bay mud
- Liquefaction hazards



## 5. Utilities and Infrastructure

- Stormwater management
- Combined sewer – pile-supported
- PG&E facilities – fuel lines and conduit
- Possible high-pressure water system for fire-fighting



# Opportunities

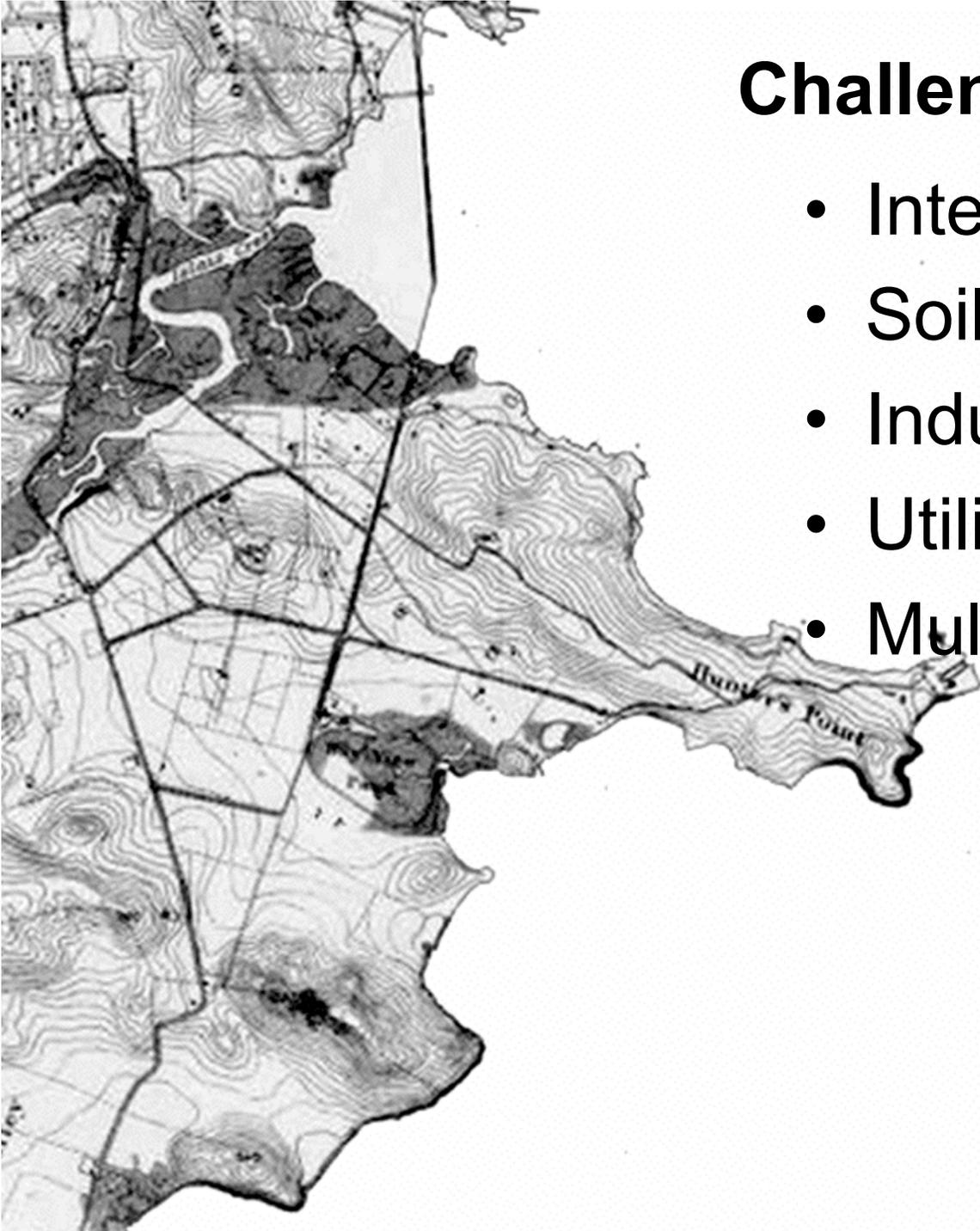
- Wide ROW!
- Existing open space
- Future open space
- Gateways
- Sustainable design
- Interdepartmental resources and interest
- Community engagement

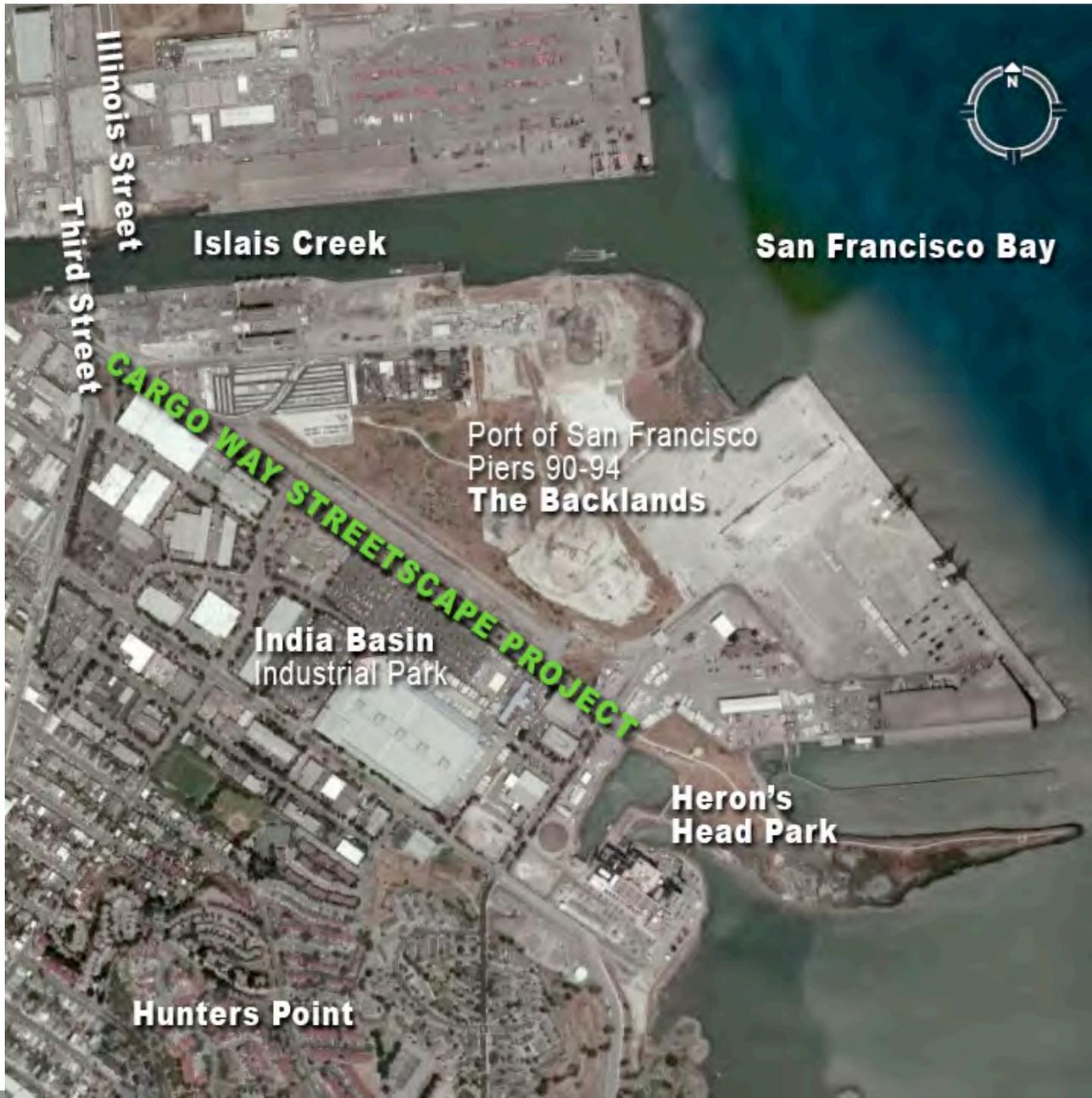




# Challenges

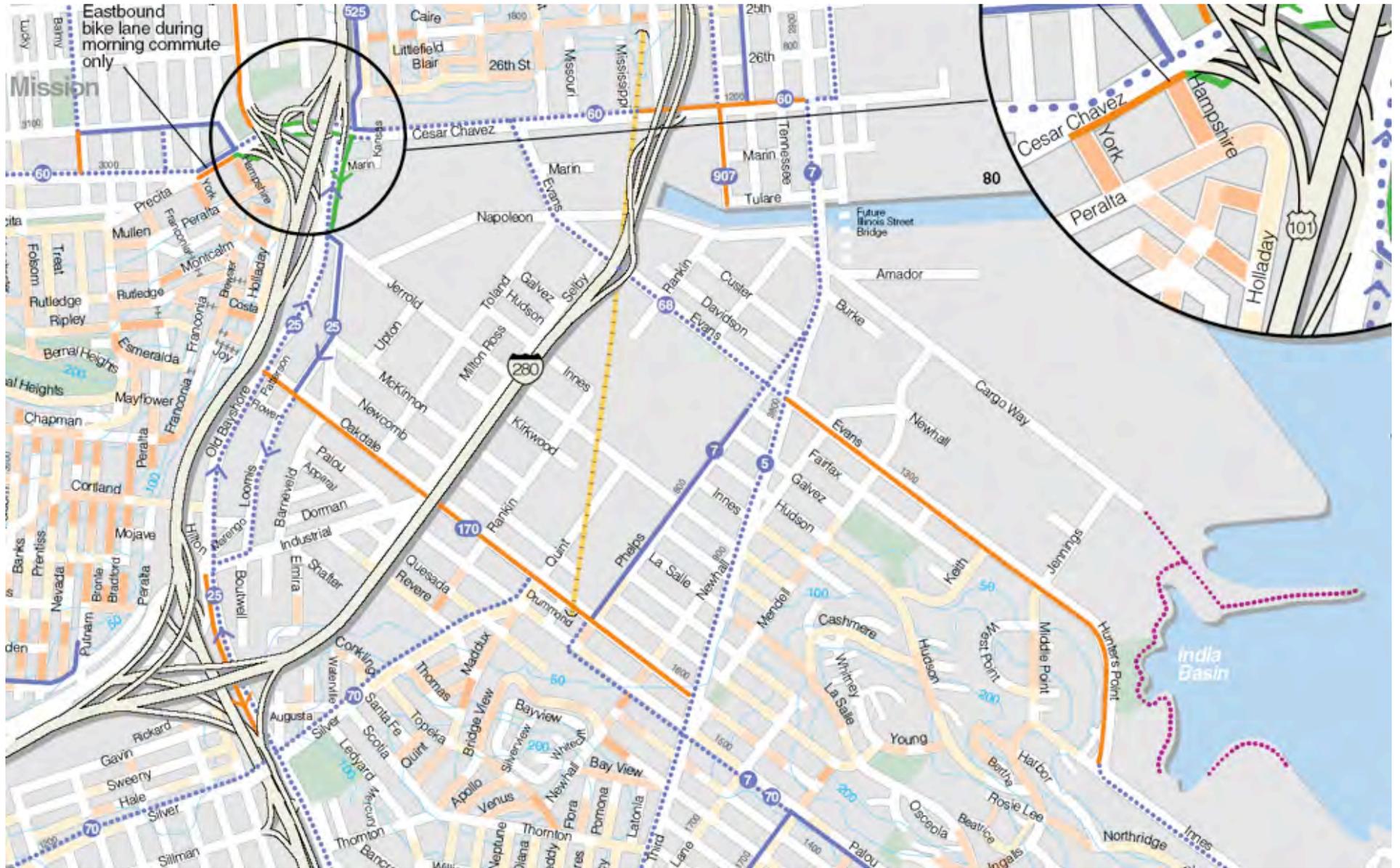
- Intersections
- Soil quality and stability
- Industrial uses
- Utility questions
- Multiple jurisdictions





## Overview

Cargo Way Conceptual Streetscape Plan



## Local bicycle network

Cargo Way Conceptual Streetscape Plan

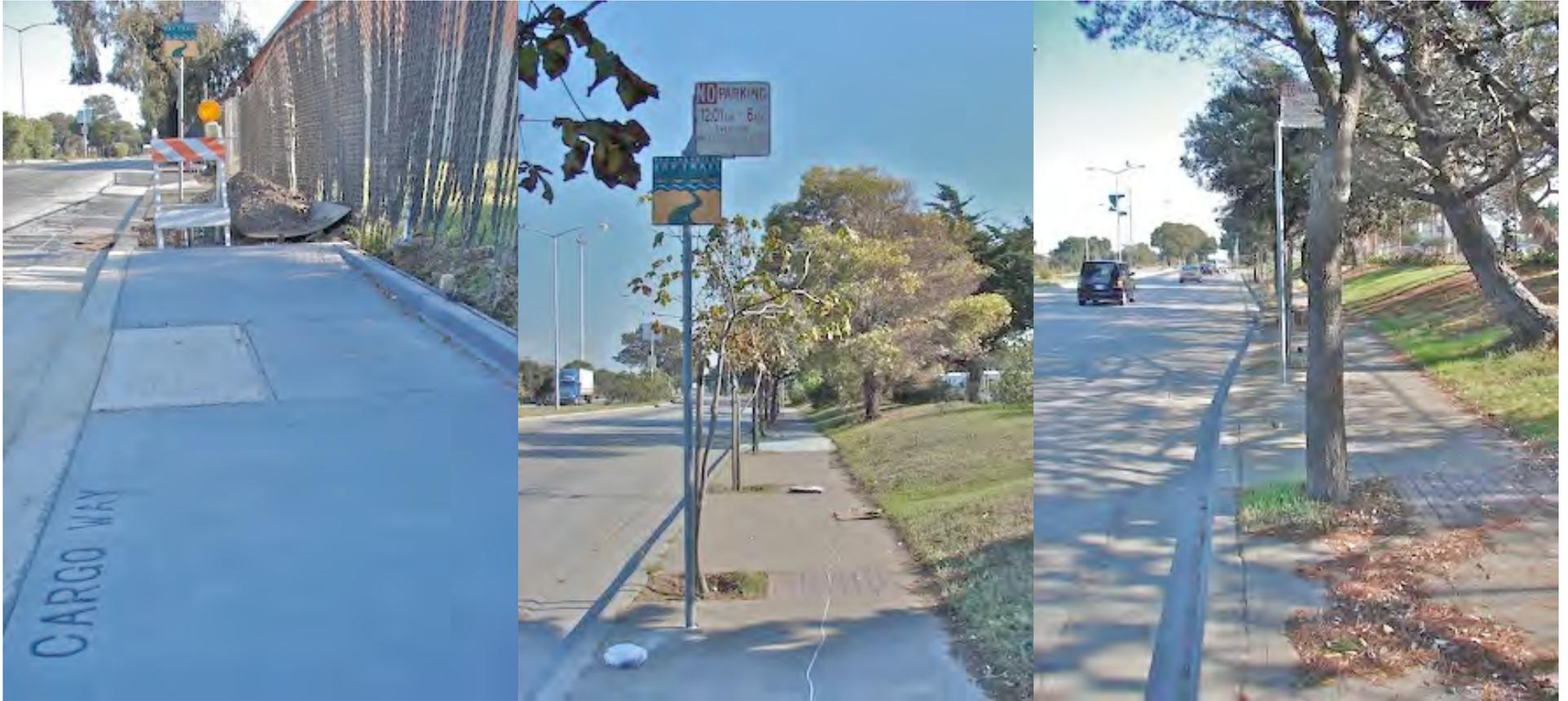


- 4'-10' sidewalk with varied widths
- Trees poorly maintained with cramped tree wells

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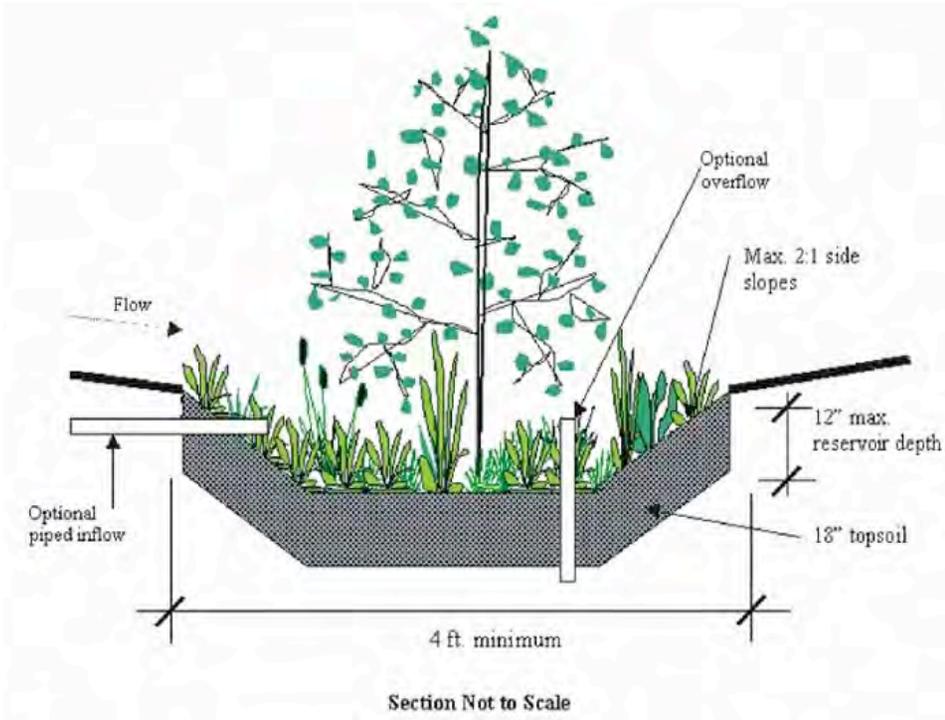
## Existing Conditions: North Pedestrian Path on Cargo Way

Cargo Way Conceptual Streetscape Plan



## Existing Conditions: South Pedestrian Path on Cargo Way

Cargo Way Conceptual Streetscape Plan



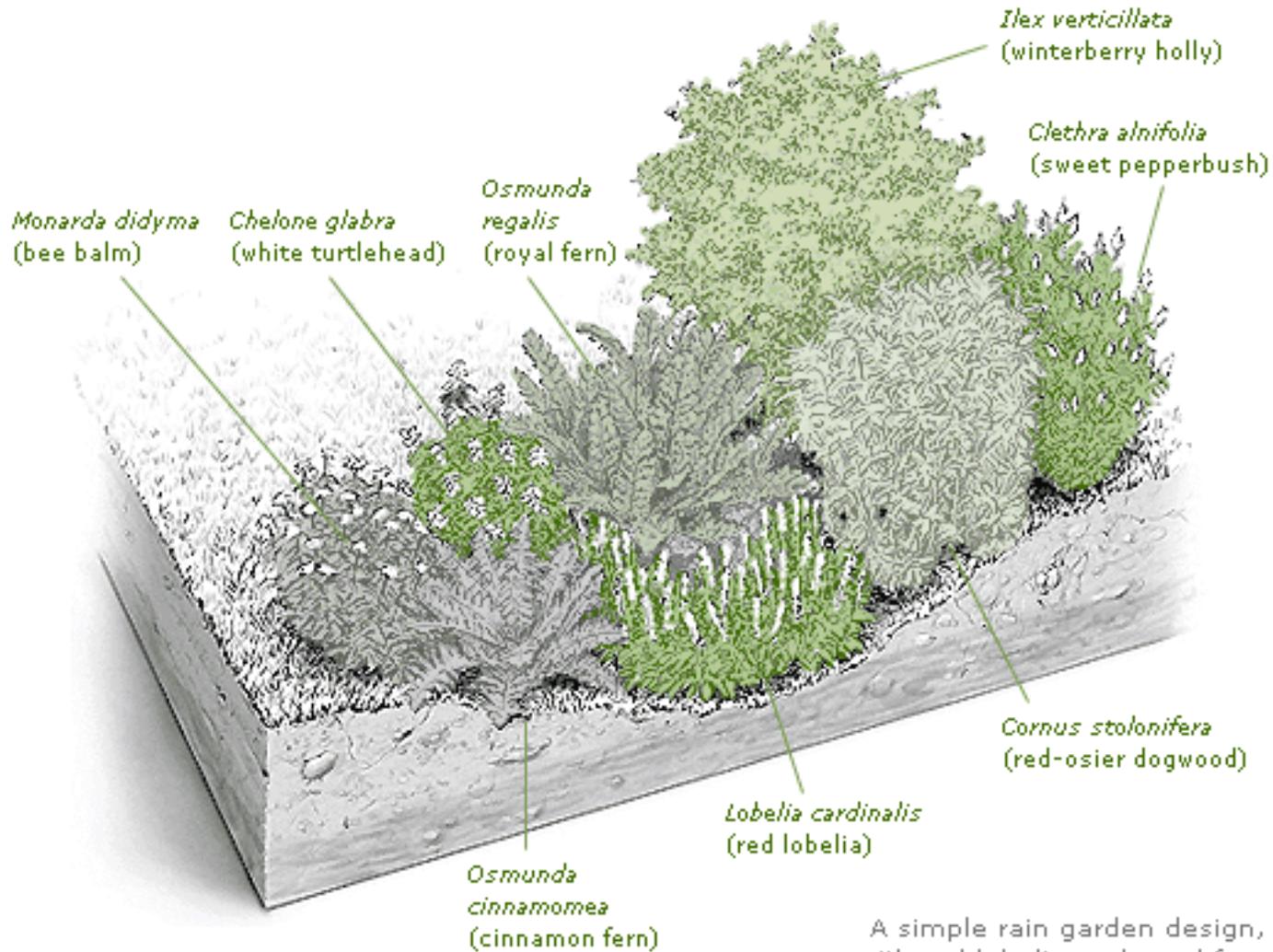
Swale: EPA Specification

Sunset Swale: SF PUC demo project

## Stormwater Management: Swales

Cargo Way Conceptual Streetscape Plan

## Swale: Use local and hearty vegetation

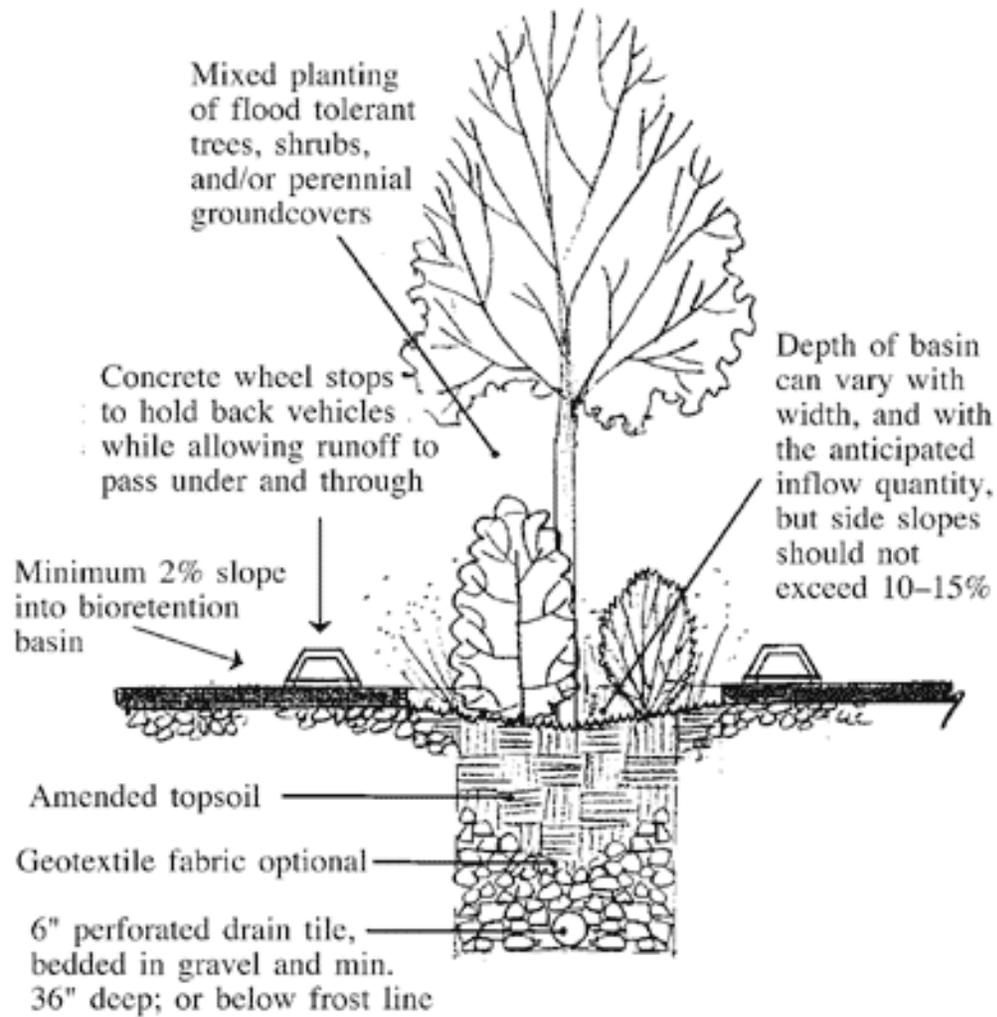


A simple rain garden design, with red lobelia and royal fern occupying the lowest, wettest zone.

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## Swale with Varied Vegetation

Cargo Way Conceptual Streetscape Plan



## Swale with Native & Hearty Vegetation

Cargo Way Conceptual Streetscape Plan





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## Curb Slotted

Cargo Way Conceptual Streetscape Plan



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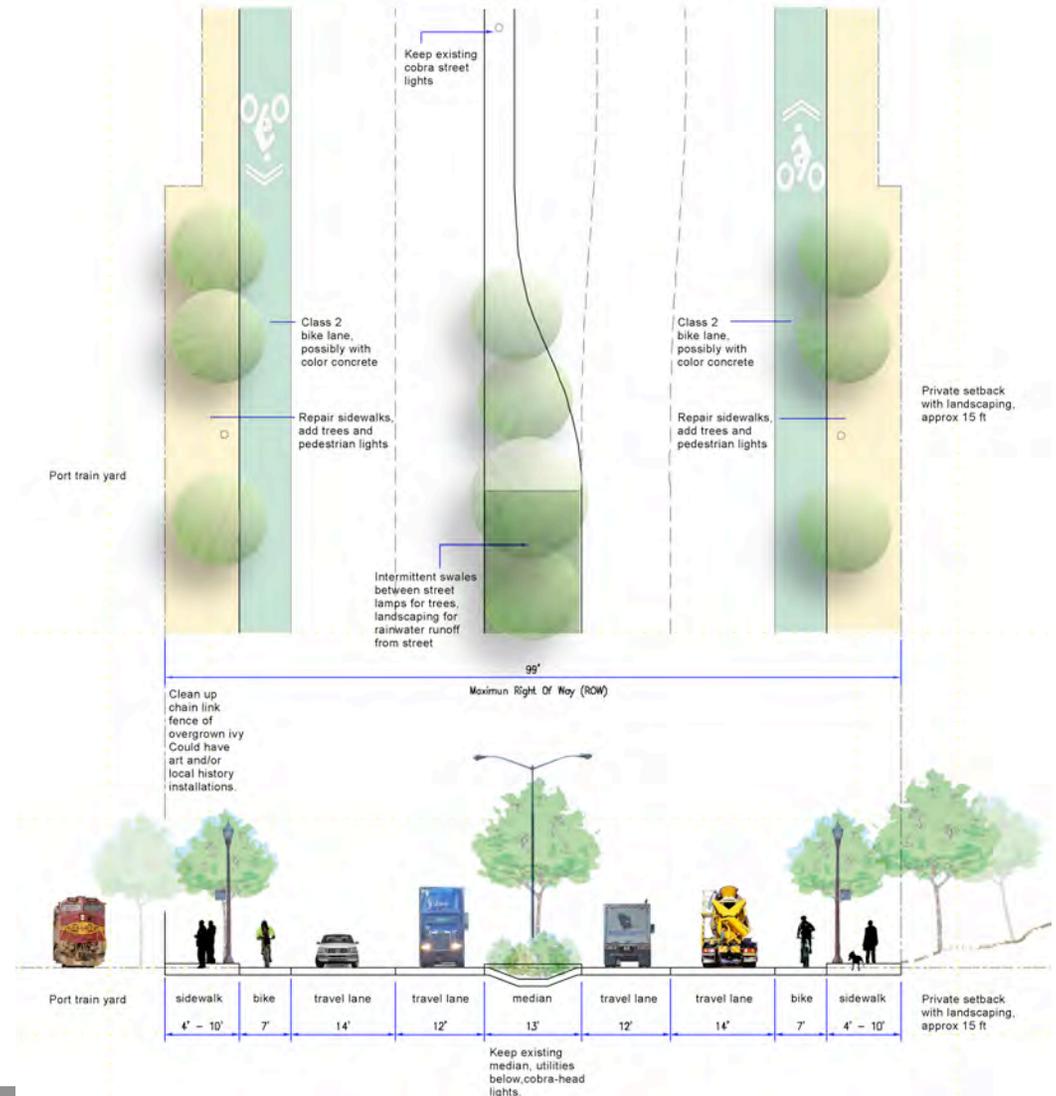
## Permeable Paving

Cargo Way Conceptual Streetscape Plan

Keep existing median & cobra-head lights.  
Clean up landscaping, trees and maintain  
over time. Add bike lanes on either side  
of street.

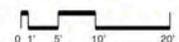
## Alternative A

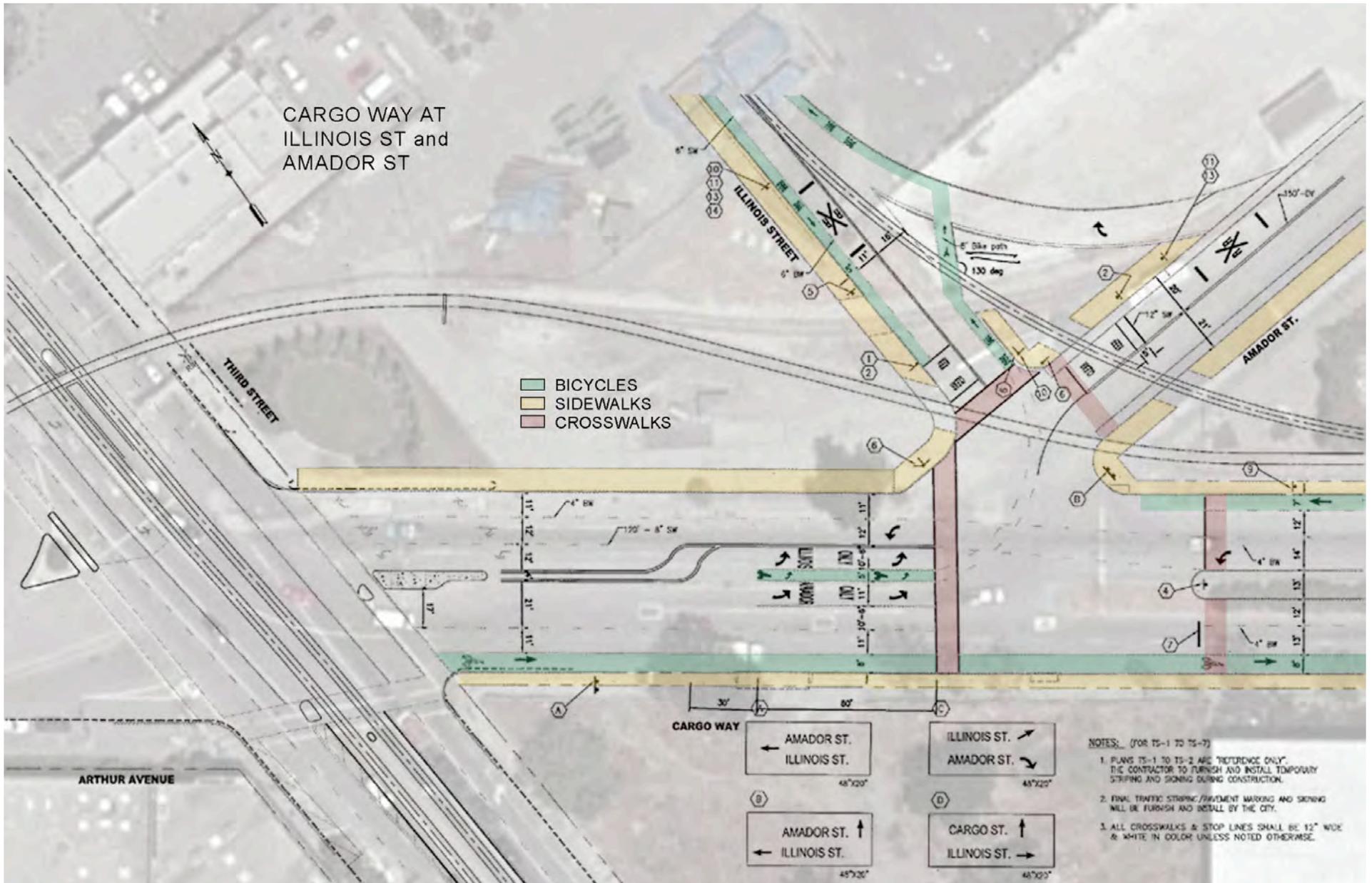
- Sidewalk and one-way bicycle lanes or paths on north and south sides
- Add pedestrian-level lighting on sidewalks
- Fill in missing trees, improve median landscaping
- Improve the landscaping along the rail yard to improve visibility and appearance



## Alternative A

### Cargo Way Conceptual Streetscape Plan





Adopted bicycle improvements – Cargo/Amador/Illinois intersection  
 Cargo Way Conceptual Streetscape Plan



## Bicycle lane (Paris)

Cargo Way Conceptual Streetscape Plan



## Colored bicycle lanes in conflict zones (Oregon)

Cargo Way Conceptual Streetscape Plan



Colored bicycle lanes in conflict zones (Market and Octavia – Proposed)

Cargo Way Conceptual Streetscape Plan



Colored bicycle lane with bollards (Cordoba, Spain)

Cargo Way Conceptual Streetscape Plan



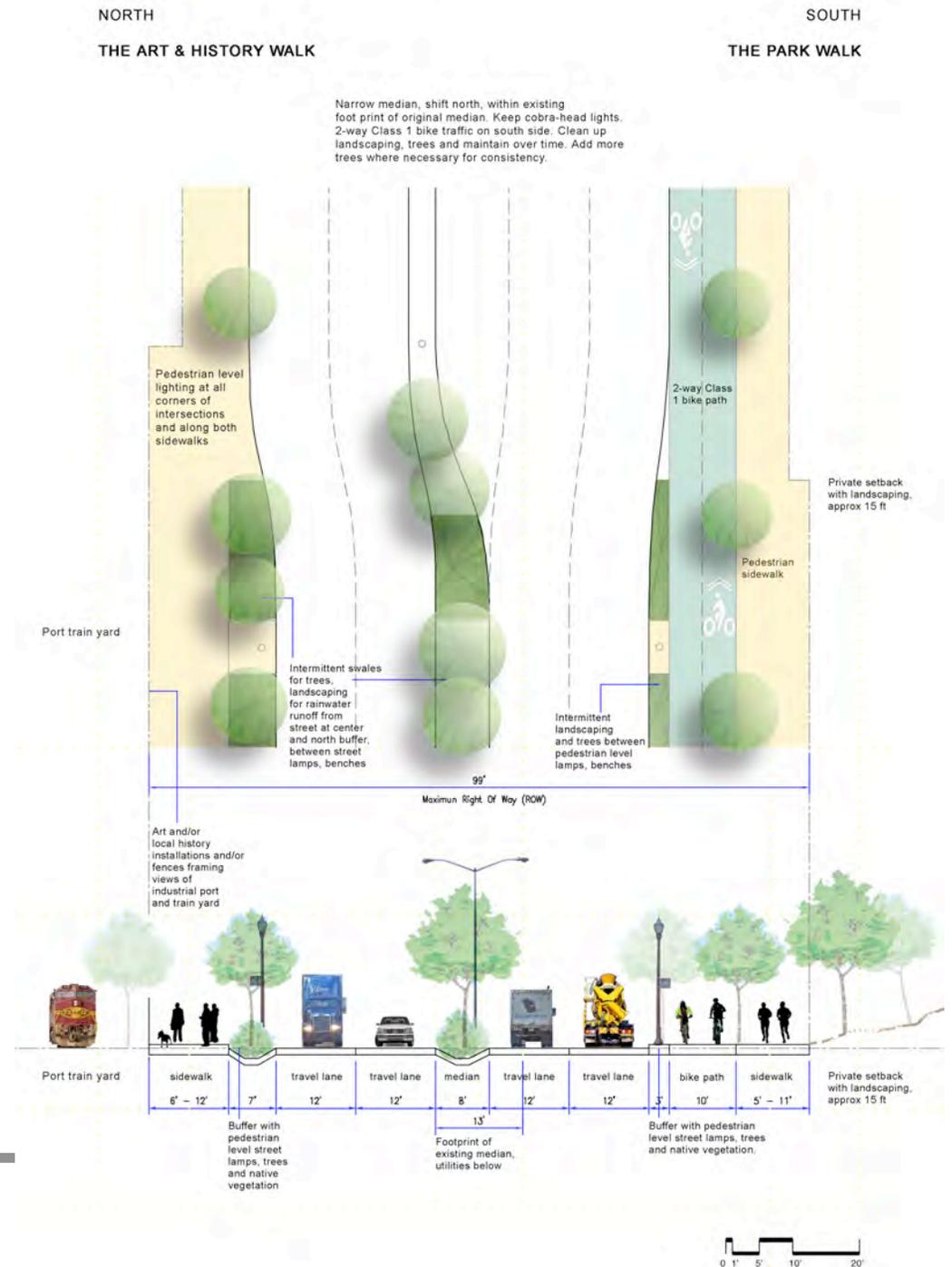


Separated bicycle path (Paris)

Cargo Way Conceptual Streetscape Plan

## Alternative B

- Sidewalk and two-way Class 1 bicycle path on south side
- Sidewalk and landscaped buffer on north side
- Narrower planted median



## Alternative B

Cargo Way Conceptual Streetscape Plan



Two-way bicycle path (New York: Hudson River Greenway)

Cargo Way Conceptual Streetscape Plan

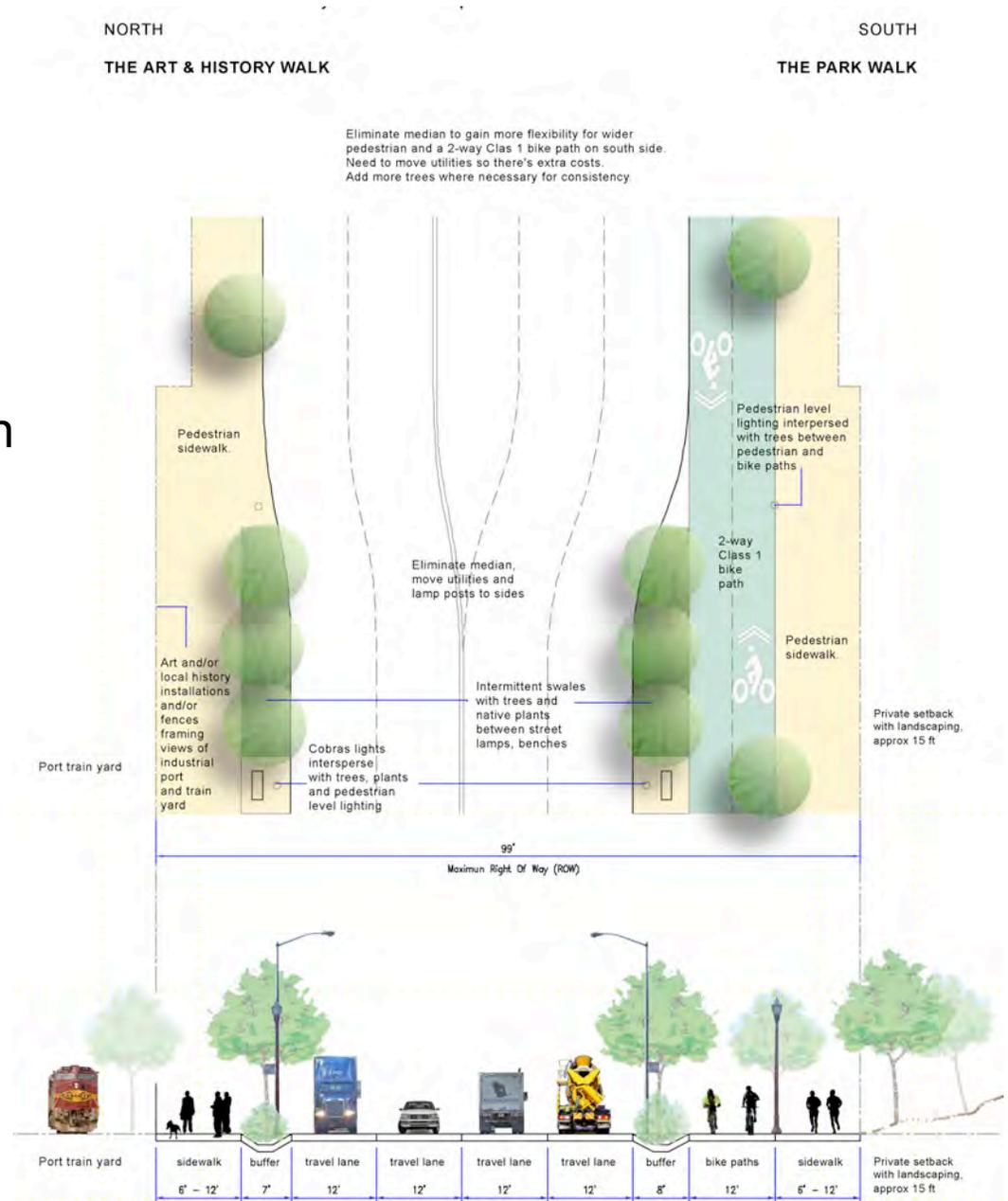


## Two-way bicycle Path: Hudson River Greenway

Cargo Way Conceptual Streetscape Plan

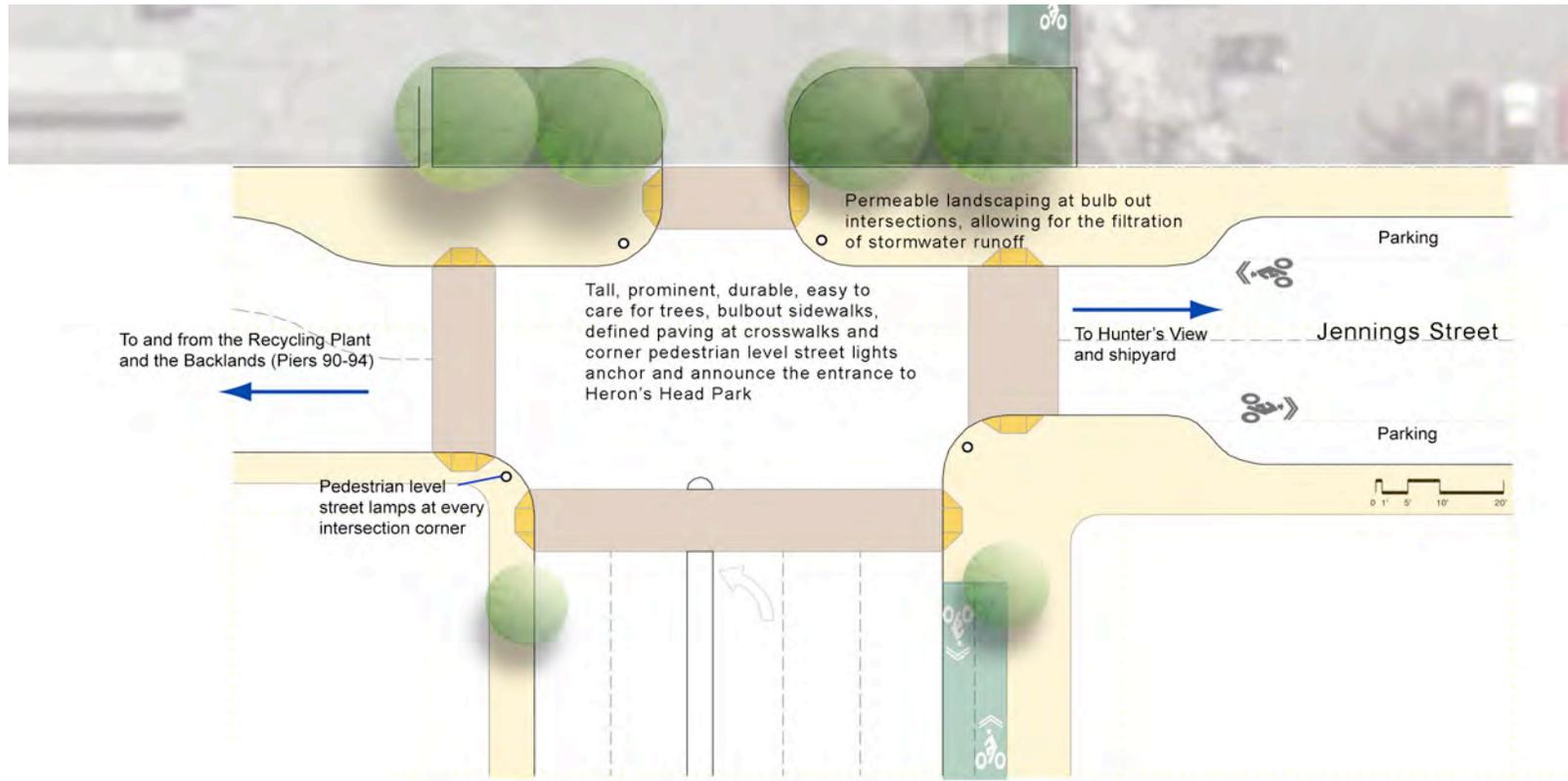
## Alternative C

- Sidewalk and two-way Class 1 bicycle path on south side
- Sidewalk on north side
- Wider landscaped zones on north and south sides
- No median



## Alternative C

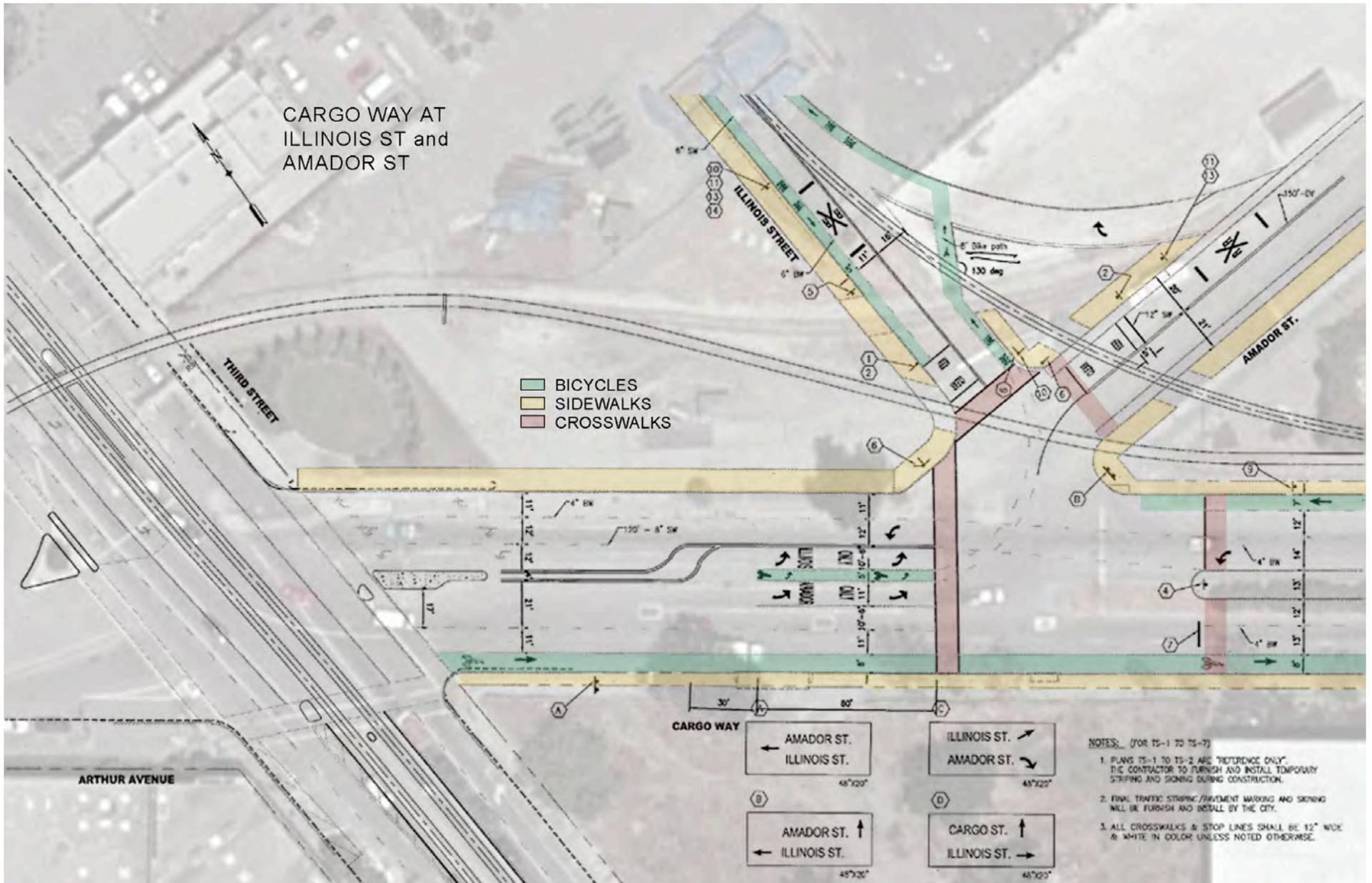
Cargo Way Conceptual Streetscape Plan



Sidewalks, driveway and lamp posts with colorful banners to create a sense of place for Heron's Head Park

## Entrance to Heron's Head park, intersection of Cargo Way and Jennings

Cargo Way Conceptual Streetscape Plan



Adopted bicycle improvements – Cargo/Amador/Illinois intersection  
 Cargo Way Conceptual Streetscape Plan

# Table Top Review of Alternatives

- Visit each station
- Review alternatives and ask questions
- Consider key issues:
  - Bike lanes vs. 2-way path
  - Median vs. no median
  - Landscaping buffers & storm water
  - Lighting
  - Key intersections: Cargo & Jennings and Cargo & 3<sup>rd</sup>/Illinois
- Record impressions on handout
- Reconvene to discuss



# Table Top Review of Alternatives

- Table 1: Alternative A
- Table 2: Alternative B
- Table 3: Alternative C
- Table 4: Key intersections

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