Presentation Outline

- Project Background
- Project Goals
- Existing Conditions
- Draft Design Alternatives
- Next Steps
Cargo Way
Project Location
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
1. Connectivity
2. Sustainability
3. Implementability
Map 21
Existing, Planned and Proposed Public Open Space

For Illustrative Purposes Only

San Francisco Bay

South San Francisco

Existing Public Open Space
Recreation Facilities

Planned or Designated Public Open Space
Third Street Light Rail Stations

Proposed Green Streets
Existing Bay Trail and Proposed Extensions

Scale: 0' 500' 1000'

SF City and County Line

Yosemite Slough

Isais Creek

San Francisco

Indiana Basin

Proposed Public Open Space
Urban Forestry
Bike Route

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

BAYVIEW HUNTERS POINT
Community Revitalization Concept Plan
MARCH 2002
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
INDIA BASIN INDUSTRIAL PARK
SAN FRANCISCO REDEVELOPMENT AGENCY

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

Monarda didyma (bee balm)
Chelone glabra (white turtlehead)
Osmunda regalis (royal fern)
Osmunda cinnamomea (cinnamon fern)
Lobelia cardinalis (red lobelia)
Ilex verticillata (winterberry holly)
Clethra alnifolia (sweet pepperbush)
Cornus stolonifera (red-osier dogwood)

A simple rain garden design, with red lobelia and royal fern occupying the lowest, wettest zone.
Swale with Native & Hearty Vegetation

Cargo Way Conceptual Streetscape Plan
Curb Slotted

Cargo Way Conceptual Streetscape Plan
Permeable Paving
Cargo Way Conceptual Streetscape Plan
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
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
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
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 & 3rd/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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