



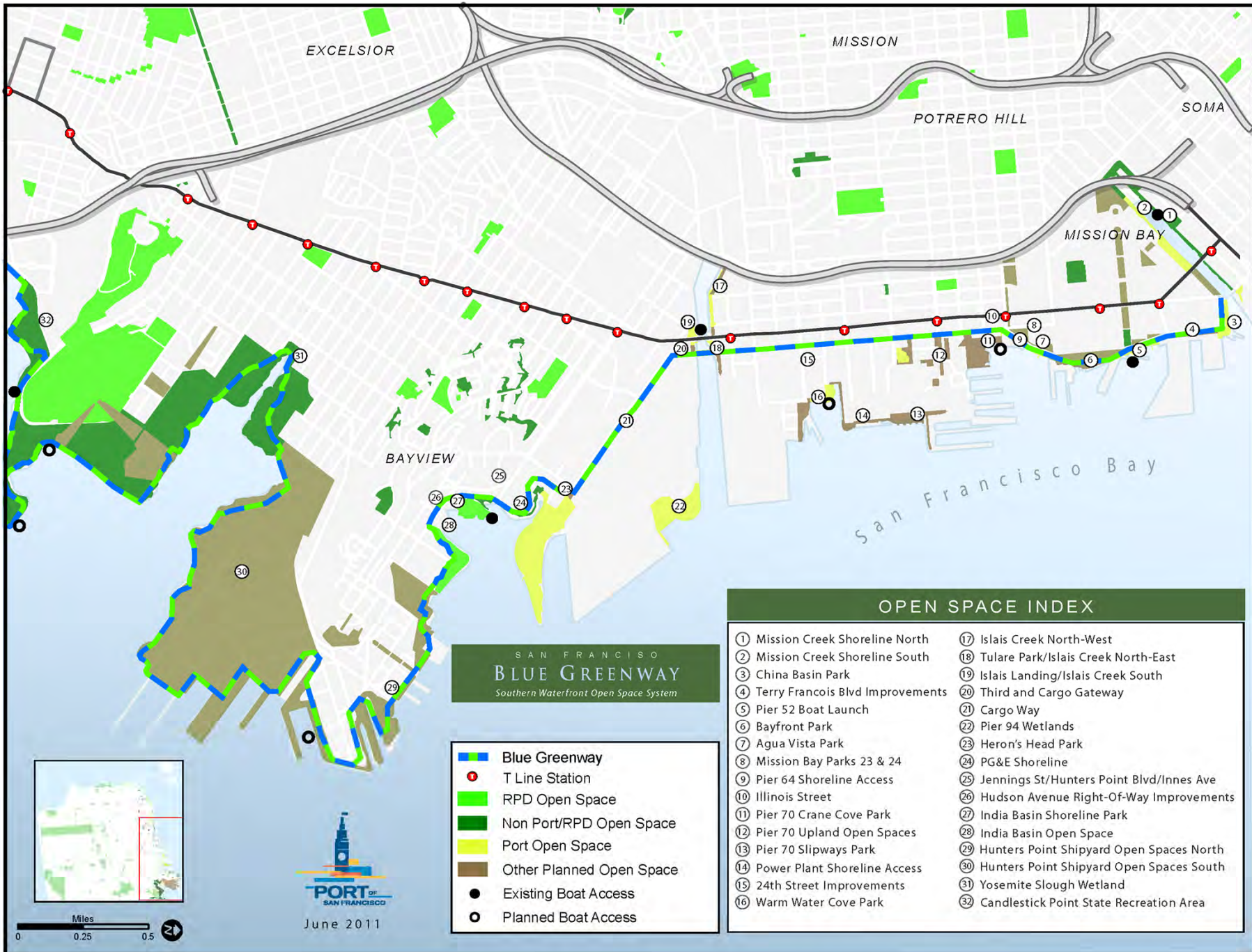
BLUE GREENWAY

Planning and Design Guidelines



For more information go to:
www.sfport.com/bluegreenway

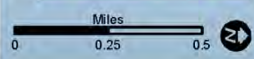
or contact David Beaupre
at david.beaupre@sfport.com



OPEN SPACE INDEX

- | | |
|------------------------------------|---|
| ① Mission Creek Shoreline North | ①⑦ Islais Creek North-West |
| ② Mission Creek Shoreline South | ①⑧ Tulare Park/Islais Creek North-East |
| ③ China Basin Park | ①⑨ Islais Landing/Islais Creek South |
| ④ Terry Francois Blvd Improvements | ②① Third and Cargo Gateway |
| ⑤ Pier 52 Boat Launch | ②② Cargo Way |
| ⑥ Bayfront Park | ②③ Pier 94 Wetlands |
| ⑦ Agua Vista Park | ②④ Heron's Head Park |
| ⑧ Mission Bay Parks 23 & 24 | ②⑤ PG&E Shoreline |
| ⑨ Pier 64 Shoreline Access | ②⑥ Jennings St/Hunters Point Blvd/Innes Ave |
| ⑩ Illinois Street | ②⑦ Hudson Avenue Right-Of-Way Improvements |
| ⑪ Pier 70 Crane Cove Park | ②⑧ India Basin Shoreline Park |
| ⑫ Pier 70 Upland Open Spaces | ②⑨ India Basin Open Space |
| ⑬ Pier 70 Slipways Park | ③① Hunters Point Shipyard Open Spaces North |
| ⑭ Power Plant Shoreline Access | ③② Hunters Point Shipyard Open Spaces South |
| ⑮ 24th Street Improvements | ③③ Yosemite Slough Wetland |
| ⑯ Warm Water Cove Park | ③④ Candlestick Point State Recreation Area |

- Blue Greenway
- T Line Station
- RPD Open Space
- Non Port/RPD Open Space
- Port Open Space
- Other Planned Open Space
- Existing Boat Access
- Planned Boat Access



PROJECT MAP

Blue Greenway Planning and Design Guidelines

Passage of 2008 Proposition A Clean and Safe Parks General Obligation Bond



- \$ 33.5 Million to Port
- \$ 22.5 Million to Blue Greenway Projects
 - Port to Conduct Community Planning Process and Design Guidelines to determine expenditure of funds other than Early Projects Identified to move forward
 - Port Blue Greenway Projects Identified for potential Funding:
 - Blue Greenway Planning and Design Community Planning Process
 - Signage, Way-finding, Art and Site Furnishings
 - Mission Bay - Bayfront Park Shoreline
 - Pier 70 Crane Cover Park
 - Warm Water Cove Park & Islais Creek Improvements
 - Heron's Head Park Improvements

Blue Greenway Planning and Design Guidelines

Blue Greenway Planning and Design Guidelines- Community Planning Process

- Coordinate with Other Agencies (2009)
- Coordinate Stakeholders including use of existing CAC's
- Catalog Existing Conditions (May 2010)
- Summarize Resources and Deficiencies
- Review Best Practices
- Develop Use Concepts for Port Open Spaces (and Linking Streets) (Fall '10/Now)
- Develop Standards for Site Furnishings, (Wayfinding and Identity)
- Develop Cost Estimates and Project Prioritization
- Project Prioritized for Funding will go through additional community design process
- Identify other sources of funding

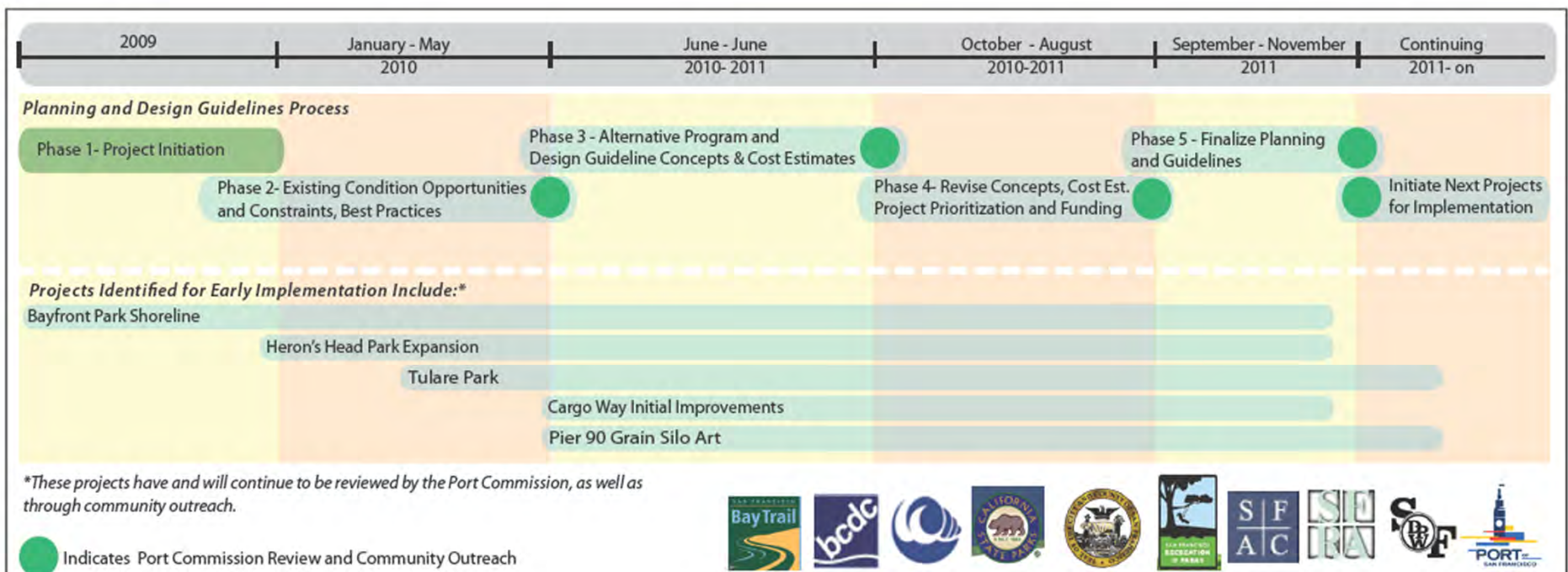


Figure 7.1: Planning Process and Schedule

Blue Greenway Components

Planning and Design Guidelines:

1. Individual Port Open Spaces/Parks
2. Linking and Connecting Streets
3. Signage, Identity, Wayfinding, Interpretation and Art
4. Site Furnishings & Standards
5. Build Stewardship
6. Funding & Project Prioritization
7. Establish and Continue Interagency Coordination

Workshops & Meetings

Work Shops

- *June 16th Signage, Streets, Site Furnishings, Cost and Priorities*
- *May 25th Port Open Spaces, Cost and Priorities*

- *October 2010 – Open Spaces & Site Furnishings (central)*
- *September 2010 - Open Spaces & Site Furnishings (northern)*

- *May 2010 – Existing Conditions, Planning Context, Best Practices Resource Deficiencies*

Workshops & Meetings

Port Commission Meetings

2008 Proposition A General Obligation Bond Status Report

January 11, 2011 February 9, 2010 September 8, 2009

Blue Greenway Planning & Design Guidelines

July 12, 2011 August 19, 2010 February 10, 2009

Heron's Head Park Entrance Improvement Project

May 5, 2011 May 10, 2010

Cargo Way Bicycle Lane Improvements

July 12, 2011 September 14, 2011

Crane Cove Park Project

June 9, 2011 December 14, 2010

Bayfront Park Shoreline

June 9, 2011 April 21, 2011 March 9, 2010 April 28, 2009 January 7, 2009

Blue Greenway Planning and Design Guidelines

Workshops & Meetings

Other Community Meetings

July 6, 2011 - Bayview Hunters Point PAC

June 22, 2011 - Port CWAG

December 10, 2010 - Neighborhood Parks Council

November 11, 2010 - Port's MCAC

November 2010 – Potrero Boosters

October 2010 – Mission Bay CAC

October 18, 2010 – South Beach Rincon Hill CAC

October 14, 2010 – SPUR

September 15, 2010 - Port's SWAC & CWAG

September 10, 2010 - ABAG - Bay Trail Board

September 9, 2010 - Bayview Hunters Point PAC

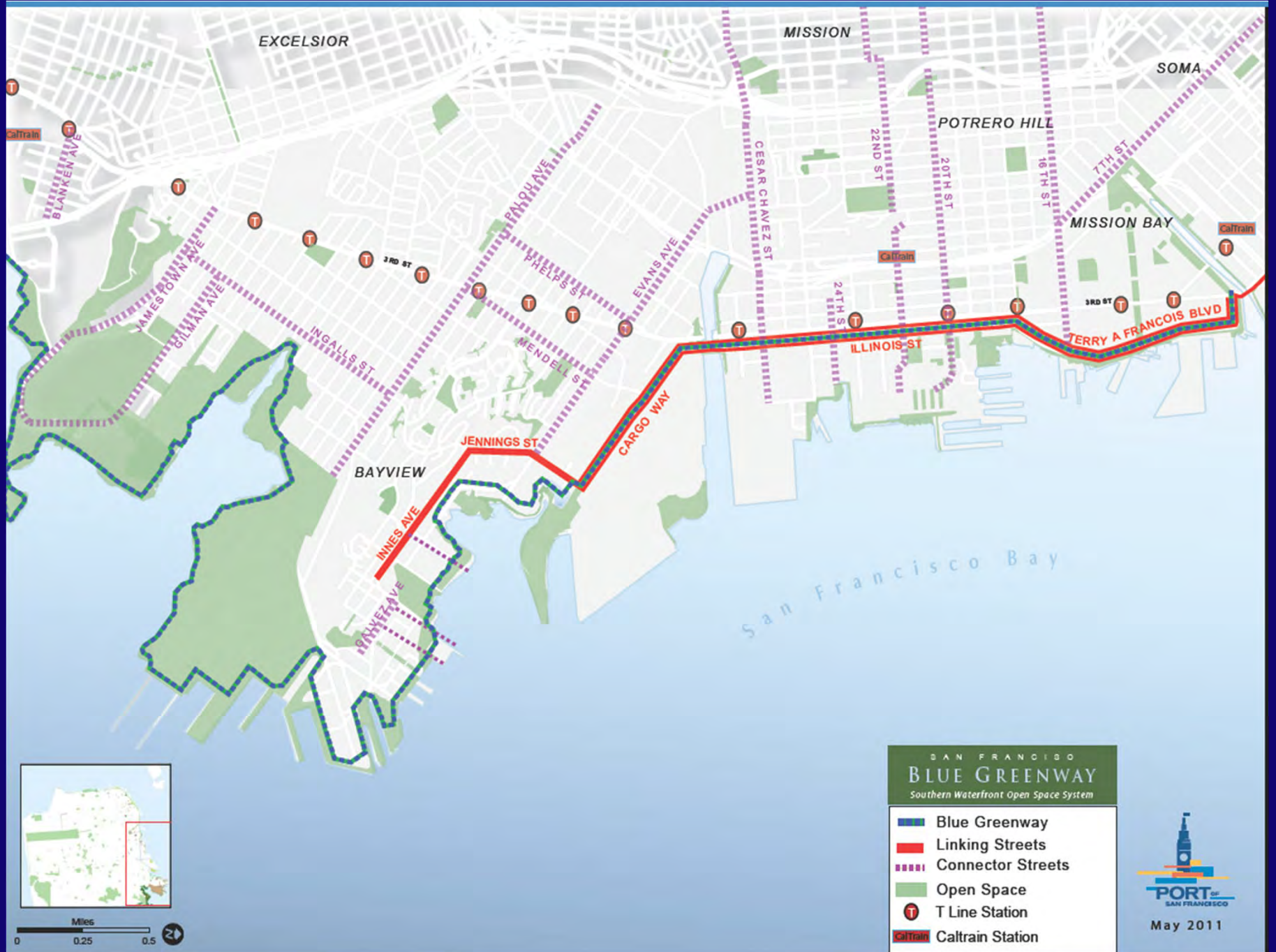
Program/Use Concepts for Port Open Spaces

ID	Name	Ped. & Bike Access		Water Access and Views						Active Recreation ¹				Passive Recreation				Habitat				Community Facilities and Support									
		Bay Trail - Pedestrian Access	Bay Trail Multi-Modal	Pedestrian Water Access/Views of Water	View of Water	Small Craft Launch	Fishing Pier	Boat Storage	Trailer Boat Launch (Water Access Support)	Boat Trailer/ Camper Parking	Sports Fields	Sport Courts	Playground	Skatepark	Picnic Areas	Passive Recreation	Community Gardens	Dog Run	Public Art	Outdoor Entertainment	Wetland Restoration	Upland Restoration	Native Garden	Native Plant Nursery	Café or Food Kiosk	Restrooms	Recreation Center/Clubhouse	Maintenance/ Storage	Nature Education Facility	Dedicated Automobile Parking	
OPEN SPACES																															
3	China Basin Park	X	X	X	X	X						X		X	X			X	X					X	X			X			
5	Pier 52 Boat Launch	X	X	X	X	X		X	X					X				X				X									
11	Pier 70 Crane Cove Park	X	X	X	X	X		X			X		X	X				X					X	X	X	X				X	
13	Pier 70 Slipway Park	X	X	X	X		X				X		X	X				X	X				X								
16	Warm Water Cove Park	X	X	X	X	X						X	X	X				X		X	X	X									
18	Islais Creek North (including Tulare Park)	X	X	X	X									X	X			X			X	X									
20	Bayview Gateway	X	X	X	X									X	X	X			X				X	X			X				

¹The suitability analysis reviewed opportunities and the need for active recreation uses to determine the level of need or appropriateness. However, use restrictions on Port lands preclude most active recreation types of uses, unless they are water oriented. The Port has been provided some flexibility on some lands from the State Lands Commission, which will allow flexibility, including active recreation uses (Sea Wall Lot 337). In addition, the Port is working with the State Lands Commission on other options that may allow a limited amount of active recreation on other Port lands within the Blue Greenway.

Site 20 Bayview Gateway





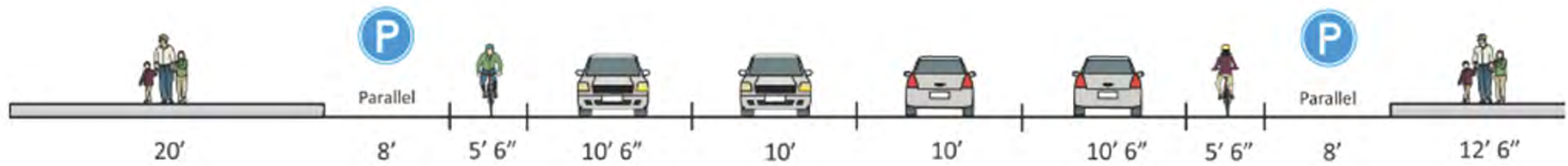
Blue Greenway Planning and Design Guidelines

Terry Francois Cross Sections

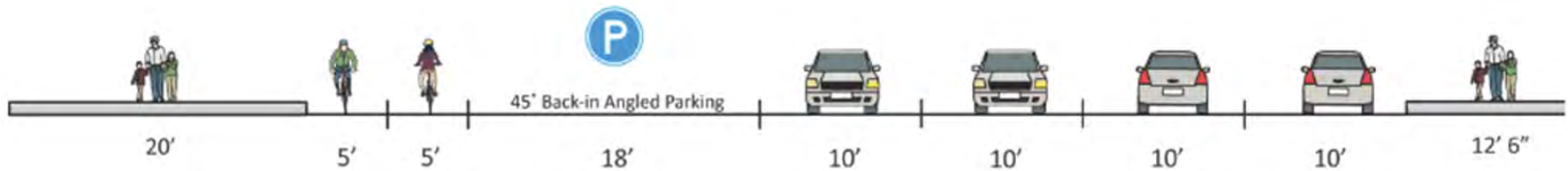
Mission Rock to Mariposa

Looking South

Existing



Alternative 1



Alternative 2

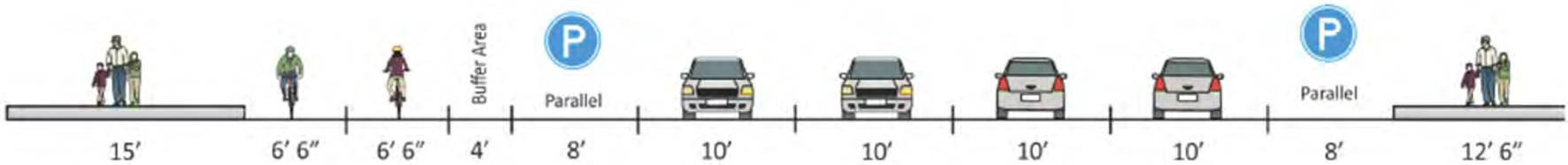


Figure 3.2: Terry Francois Boulevard Planned Profile

Cargo Way Cross Sections

Illinois to Jennings Streets

Looking East

Existing



Immediate Plan



Long Term Plan

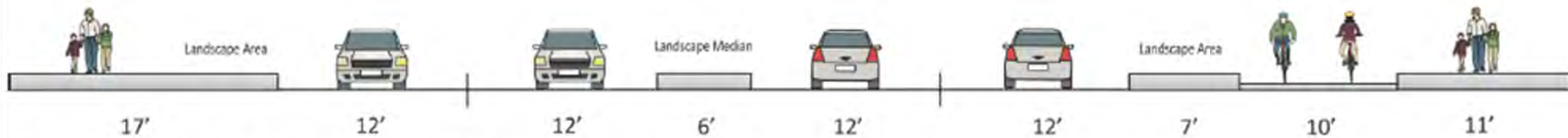


Figure 3.4: Cargo Way Existing Conditions and Concepts

SIGNAGE



Lefty O'Doul Bridge



Grain Silos at Islais Creek



Historic Administrative Building at Pier 70



Historic Crane at Pier 70



Historic Crane at Pier 70



Historic Crane at Pier 70



Historic Administrative Building at Pier 70

OPPORTUNITIES

Blue Greenway Planning and Design Guidelines



Hard Edge Conditions



Hard Edge Conditions



Users Have to Consciously Find Transitions



Hard Edge Conditions



Vast Stretches of Industrial Frontage



Inconsistent Parking and Sidewalk Conditions



Inconsistent Parking and Sidewalk Conditions



Lack of Water Views

CHALLENGES

Blue Greenway Planning and Design Guidelines



Street Signage



Bay Trail Signage



Park Identification Signage



Park Interpretive Signage

Port Boat Launch Identification

EXISTING

Blue Greenway Planning and Design Guidelines

- Be comprised of visually significant streetscape and park elements that respond to the urban, historic and industrial setting
- Promote public use of the waterfront by providing directional, orientation, interpretive, and system information
- Increase the waterfront's connectivity to adjacent neighborhoods and San Francisco at Large
- Increase public awareness of the entire Bay waterfront from Candlestick Point to Golden Gate Bridge, defining established waterfront districts and landmarks;
- Inform public about adjacent waterfront neighborhoods within context of Blue Greenway
- Be sustainable in terms of material specification, product life span and durability



Blue Greenway Planning and Design Guidelines

Sign Concept – Sail

bright yellow and citrus orange / platinum gray inside

Top of Blaze Height - 19'6"

Top of Wayfinding Height - 12'



HIERARCHY

Blue Greenway
Blaze

Neighborhood
Identification

Wayfinding

DOGPATCH

←
AT&T Park
Ferry Building
→
Aqua Vista Park
Crane Cove Park
Heron's Head Park
Slipways Park
Warm Water
Cove Park



DOGPATCH

←
AT&T Park
Ferry Building
→
Aqua Vista Park
Crane Cove Park
Heron's Head Park
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Cove Park



DOGPATCH

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Cove Park



DOGPATCH

←
AT&T Park
Ferry Building
→
Aqua Vista Park
Crane Cove Park
Heron's Head Park
Slipways Park
Warm Water
Cove Park



6' 12' 18' 24'

Sign Concept – Sail

golden gate red, brick red and green/ marine blue inside platinum/gray

Top of Blaze Height - 19'6"

Top of Wayfinding Height - 12'



HIERARCHY

Blue Greenway
Blaze

Neighborhood
Identification

Wayfinding

DOGPATCH

←

AT&T Park

Ferry Building

→

Agua Vista Park

Crane Cove Park

Heron's Head Park

Slipways Park

Warm Water

Cove Park

DOGPATCH

←

AT&T Park

Ferry Building

→

Agua Vista Park

Crane Cove Park

Heron's Head Park

Slipways Park

Warm Water

Cove Park

DOGPATCH

←

AT&T Park

Ferry Building

→

Agua Vista Park

Crane Cove Park

Heron's Head Park

Slipways Park

Warm Water

Cove Park

DOGPATCH

←

AT&T Park

Ferry Building

→

Agua Vista Park

Crane Cove Park

Heron's Head Park

Slipways Park

Warm Water

Cove Park

6' 12' 18' 24'

BLUE GREENWAY SIGMADS - JUNE 16, 2011
SCALE: 1/4"=1'-0"
Blaze Height: 19'6", Wayfinding Panel: 10'-0"

Sign Concept – Sail

citrus orange placed on Illinois at 25th Street



BLUE GREENWAY SIGNAGE, JUNE 16, 2011
NOT TO SCALE
San Blue: 10' W' Wayfinding: Green: 10' W'

Sign Concept – Sail Park and Interpretation Signage



6' 12' 18' 24'

BLUE GREENWAY SIGNAGE, JUNE 16, 2011
SCALE: 1"=1'-0"
FIGURE 10-8



SITE FURNISHINGS

Comments Received on Prior Draft

- Suggested palette was too specific
- Surrounding lands use as a basis for palette, too specific
- Furnishings for individual open spaces should be based upon criteria that allows designers to choose based upon context of site
- Should develop a furnishing or element that helps strengthens or establishes identity to Blue Greenway, which utilizes local materials or is manufactured locally reflective of the industrial and maritime forms

Color and Material Suggestions



Concrete



Concrete - cast



Concrete - textured



Concrete - form finished



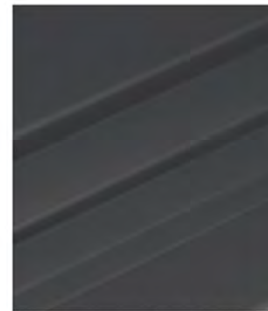
Steel - Stainless



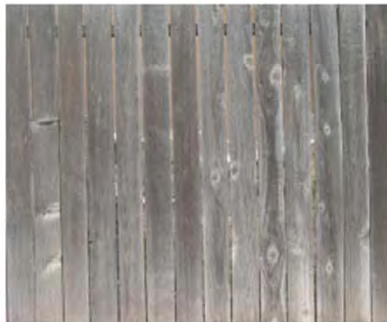
Steel - Weathering



Steel - Galvanized



Steel - Powder Coated



Wood - Sustainably Harvested
Redwood or Cedar



Wood - Reclaimed

Color Notes:

- Site furnishings should not distract from the primary focus of the Blue Greenway which is Nature and the Industrial Waterfront.
- A neutral, natural color palette based on the industrial materials found in the area would work well.
- Bright colors should be avoided except for interpretive signs, way-finding, and public art.

Palette for Streetscape Site Furnishings



*Trash / Recycling Receptacle
Stainless or Powder-coated Steel*



*Bike Rack Stainless Steel
Square Tube*



*Trash / Recycling Receptacle
Powder-coated Steel*



*Exercise Equipment Stainless
or Powder-coated Steel*



*Water Fountain / Bottle Refill Station
Powder-coated Steel*



Bicycle Racks



Water Fountain / Refilling Station



Concrete Block



Concrete Block - Detail

Specific Open Space Furnishings:

The selection of site furnishings for individual open spaces with the exception of three furnishing types (bike racks, drinking fountains and Blue Greenway Landscape blocks) will be based on the unique characteristics of the individual sites while using the criteria and characteristics established in this section. This is intended to provide for a certain level of consistency while allowing individual designers some flexibility and creativity.

The three pieces of site furnishings specified for the design of the Blue Greenway open spaces are established to help strengthen the identity and system as a whole and ease in maintenance and replacement of the furnishings. The three elements include, bicycle racks, drinking fountains and Blue Greenway landscape blocks, as described below:

Bicycle racks

- Use tubular square material, in cross section to deter pipe cutting
- Locate in a convenient location, in plain view, and away from the street edge if possible
- Provide enough for anticipated activity in the area

Drinking fountains

- Provide extremely durable units
- Include a dog bowl option, one per site, minimum
- Incorporate jug filler for refilling personal water bottles

Blue Greenway Landscape Blocks

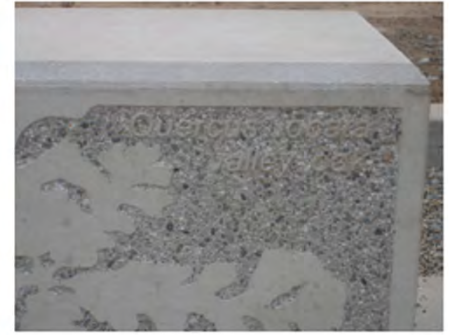
- Select from Blue Greenway Customized Blocks (details and options to be defined)
- To be used as seating, retaining or sculptural forms
- To be utilized in all open spaces

Criteria for other Site Furnishing Selections based upon:

- **Benches**
- **Waste and Recycling**
- **Bullrails**
- **Railings**
- **Tables**
- **Barbecues**
- **Bollards**
- **Lighting**
- **Planters**
- **Tree Grates**
- **Exercise Equipment**
- **Blue Greenway Landscape Blocks**



Concrete Block



Concrete Block - Detail



Project Funding

- 2008 Proposition A Clean and Safe Parks Bond \$22.5 million
- Port of SF Lease Agreement for Transbay Cable \$ 550,000 a year for 10 yrs
- BCDC/ SFPUC Islais Creek Mitigation Funds \$ 720,000
- Port Southern Waterfront Beautification \$ 550,000
- California Resource Agency Grant - Tulare Park \$ 275,000

- Port will continue to investigate other funding sources such as:
 - State of California Proposition 84
 - ABAG Bay Trail Grants
 - Coastal Conservancy Grants
 - Eastern Neighborhood Impact fees

Project Cost

PROJECT / COST ESTIMATE	SOURCE							TOTAL FUNDED
	GO Bond	Southern Waterwront Beautification	Transbay Cable Public Trust Benefit	BCDC/PUC Islais Creek Mitigation	CA Resource Agency Grant (Tulare)	Other Grants		
Blue Greenway Planning and Design Guidelines/ CEQA	\$913,500	\$913,500						\$913,500
China Basin Park (SITE 3)	\$TBD							\$0
Pier 52 Boat Launch (SITE 5)	\$600,000							\$0
Bayfront Park Shoreline (SITE 6)	\$2,950,000	\$2,950,000						\$2,950,000
Pier 70 Crane Cove Park (SITE 11)	\$30,000,000	\$9,663,250		\$1,100,000				\$10,763,250
Pier 70 Slipways Park (SITE 13)	\$15,000,000							\$0
Power Plant Shoreline (SITE 14)	\$TBD							\$0
Warm Water Cove Park (SITE 16)	\$5,000,000							\$0
Islais Creek Northwest (SITE 17)	\$1,300,000							\$0
Copra Crane Restoration	\$170,000				\$170,000			\$170,000
Tulare Park/ Islais Creek North-East (SITE 18)	\$860,000	\$585,000				\$275,000		\$860,000
Islais Landing/ Islais Creek South (SITE 19)	\$0							\$0
Bayview Gateway (SITE 20)	\$3,595,000	\$3,594,125						\$3,594,125
Heron's Head Park Improvements (SITE 23)	\$1,975,000	\$1,975,000						\$1,975,000
Blue Greenway Signage, Identity & Furnishings	\$1,545,000	\$1,545,000						\$1,545,000
Public Art	\$1,250,000	\$1,000,000	\$250,000					\$1,250,000
Islais Creek Pile and Debris Removal	\$550,000				\$550,000			\$550,000
Cargo Way Bicycle Improvements	\$437,000		\$125,000				\$312,000	\$437,000
TOTAL	\$66,145,500	\$22,225,875	\$375,000	\$1,100,000	\$720,000	\$275,000	\$312,000	\$25,007,875

Blue Greenway Planning and Design Guidelines

Project Prioritization

PROJECT	CRITERIA	Does the project meet the established criteria for the specific funding source	Is the project identified in an existing Port or City Plan	Does the project strengthen the Blue Greenway identity	Does the project create waterfront access where it does not exist today	Is the project identified as a priority by the adjacent community	Will the project serve an adjacent community	Can the project leverage other funding (now or in the future)	Does the project be easily phased or completed with the available funding	Does the project enhance or protect natural/cultural resources	PRIORITIZED
Blue Greenway Planning and Design Guidelines	X	X	X	X	X	X	X	X	X	X	X
China Basin Park (SITE 3)		X	X			X					
Pier 52 Boat Launch (SITE 5)						X					
Bayfront Park Shoreline (SITE 6)	X	X	X	X		X	X	X	X	X	X
Pier 70 Crane Cove Park (SITE 11)	X	X	X	X	X	X	X	X	X	X	X
Pier 70 Slipways Park (SITE 13)		X		X					X		
Power Plant Shoreline (SITE 14)				X							
Warm Water Cove Park (SITE 16)	X			X					X		
Islais Creek Northwest (SITE 17)	X			X							
Copra Crane Restoration	X	X	X		X		X	X	X	X	X
Tulare Park/ Islais Creek North-East (SITE 18)	X	X					X	X	X	X	X
Islais Landing/ Islais Creek South (SITE 19)	X										
Bayview Gateway (SITE 20)	X	X	X	X	X	X		X	X	X	X
Heron's Head Park Improvements (SITE 23)	X	X	X		X	X		X			X
Blue Greenway Signage, Identity & Furnishings	X	X	X		X	X	X	X	X	X	X
Public Art	X	X	X		X	X	X	X			X
Islais Creek Pile and Debris Removal	X			X		X		X	X		X
Cargo Way	X	X			X	X	X	X			X

PROJECT	PHASE	2009	2010	2011	2012	2013	2014
Bayfront Park Shoreline	Planning	█					
	Design/Review/Permitting		█	█			
	Construction			█			
Pier 70 Crane Cove Park	Planning			█	█		
	Design/Review/Permitting				█	█	
	Construction					█	█
Copra Crane	Planning	█	█	█			
	Design/Review/Permitting			█			
	Construction				█	█	
Tulare Park	Planning		█				
	Design/Review/Permitting			█	█		
	Construction				█		
Bayview Gateway	Planning		█	█			
	Design/Review/Permitting			█	█		
	Construction				█	█	
Heron's Head Park	Planning	█	█				
	Design/Review/Permitting		█	█			
	Construction			█			
Signage and Furnishings	Planning			█			
	Design/Review/Permitting			█	█		
	Construction				█		
Public Art	Planning			█			
	Design/Review/Permitting				█	█	
	Construction				█	█	
Islais Creek Pile and Debris Removal	Planning			█			
	Design/Review/Permitting				█		
	Construction				█		
Cargo Way	Design/Review/Permitting			█			
Bicycle Improvements	Construction			█			
		2009	2010	2011	2012	2013	2014

Next Steps

- **Community Outreach through CAC's & Stakeholder organizations**
- **Public Comment until July 29th**
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