

I-195 Redevelopment Parcels Providence Waterfront Park

June 30, 2014

I-195 Commission 30% Design Review

November 19, 2012

Commission endorses open space design.



Design Chronology

October 2013 – 10% Design Submitted for both Parks and Pavilion

October 28, 2013 – Comments Received

February 2014 - Construction Budget Finalized.
30% Design started.

April 2014 – 30% Bridge Plans Submitted

May 2014 – 30% West Side Park Plans Submitted

June 2014 – 30% East Side Park Plans Submitted

Budget

	Estimated Construction Cost at 10% Design	Budget Adj.
East Side Park -	\$3.1 Million	\$2.4 Million
West Side Park -	\$8.7 Million	\$6.4 Million
Pedestrian - Bridge(pre-10%)	\$6.0 Million	\$5.5 Million
Total	\$17.8 Million	\$15.3 Million

Proposed Schedule

Contract 16 – Pedestrian Bridge, Boardwalk, and Riverwalls

90% Submission – September 2014

PS&E Submission – November 2014

Advertise for Construction – December 2014

Start Construction – Spring 2015

Construction Complete – Spring 2016

Proposed Schedule

Contract 17 – Parks, Landscaping, Pavilion

90% Submission – March 2015

PS&E Submission – June 2015

Advertise for Construction – August 2015

Start Construction – Fall 2015

Construction Complete – Fall 2016

Goals for Park System and Bridge

Integrate pedestrian bridge with both west and east side parks.

Integrate pedestrian connections of bridge and parks path system into city.

Plan and design parks and bridge to link 195 development parcels.

Integrate bridge and park paths with urban coastal greenway and other areas in District.

Goals for Park System and Bridge

Integrate pedestrian bridge with both parks.



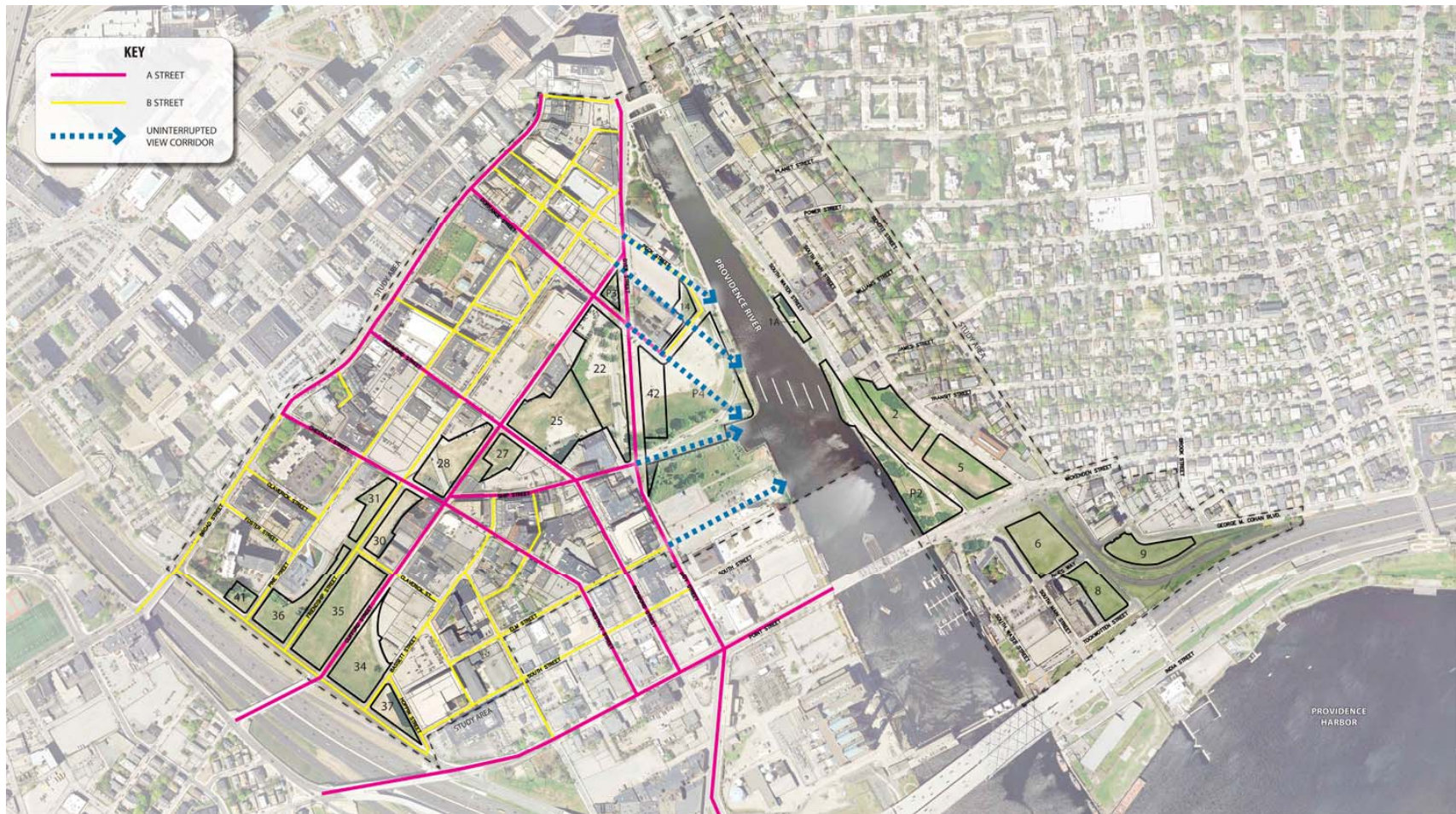
Goals for Park System and Bridge

Integrate Pedestrian Connections of Bridge and Parks into City



Goals for Park System and Bridge

Plan and design parks and bridge to link 195 development parcels.



June 30, 2014

30% open space design with pavilion



West Side Park Design Goals

Accommodate development of Parcel 42.

Accommodate existing & planned utility infrastructure.

Enhance views and connections to river & Downtown with iconic piece of art as focus for Knowledge District.

Provide active park edges.

Maximize ease of maintenance and park surveillance.

Use materials with ongoing durability and sustainability.

West Side Park Design Goals

Accommodate development Parcel 42 within park layout that is flexible over time.



11. 19.2012 Open Space Design



30% Design

West Side Park Design Goals

Optimize park space.



Design team incorporated 10% comments into layout, grading, drainage and planting in 30% Design Submission.

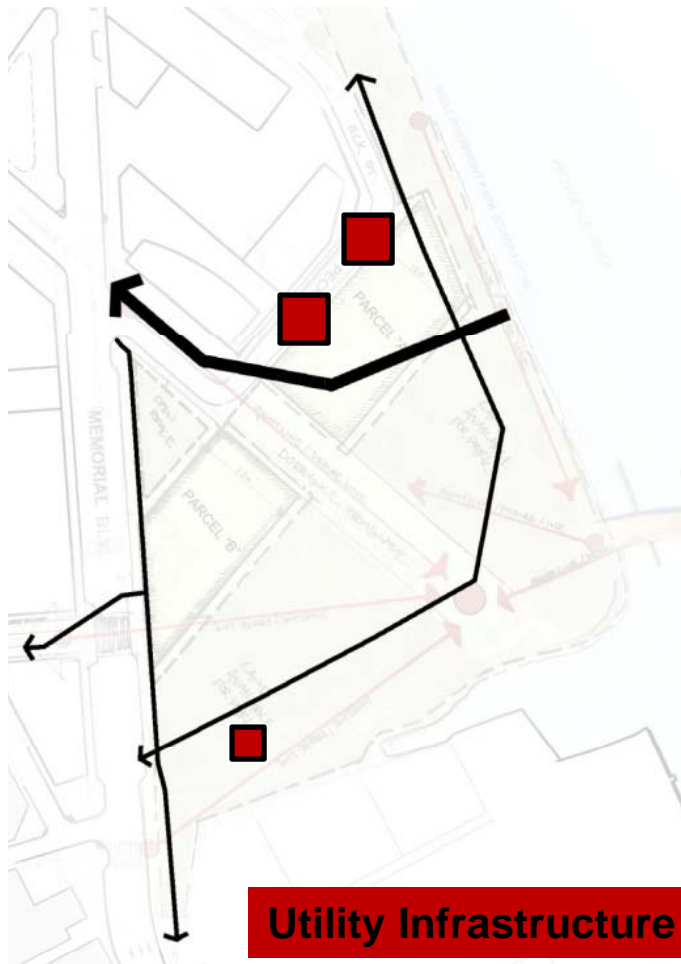
West Side Park Design Goals

Integrate bridge and park paths.



West Side Park Design Goals

Accommodate existing and planned infrastructure.



Screen National Grid site and Ship Street utility box with plantings.



West Side Park Design Goals

**Enhance important views & connections to river & downtown.
Provide place for iconic piece of art as focus of Knowledge District.**



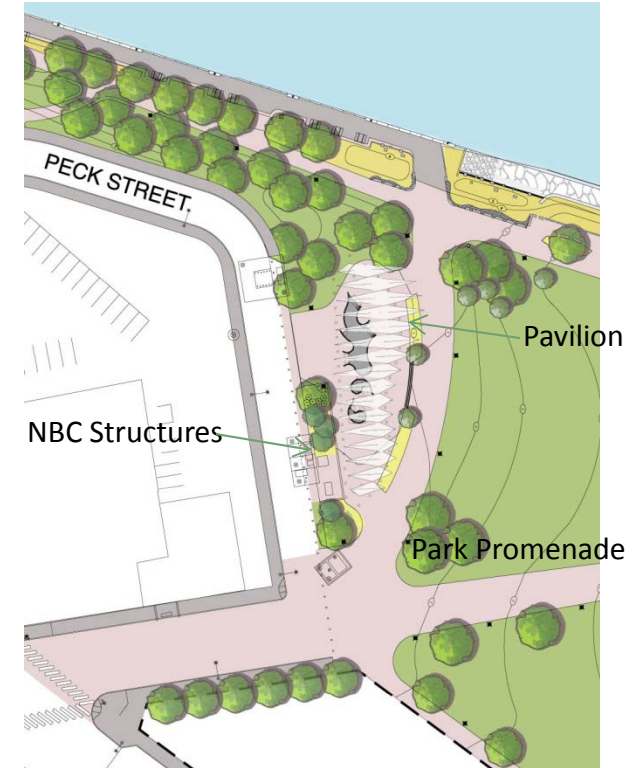
* Asterisk shows potential location of art on plan.

▲ Arrow shows viewer's position.



West Side Park Design Goals

Provide active park edges.



Pavilion along Peck Street avoids utilities and allows space for people waiting in lines for food trucks.

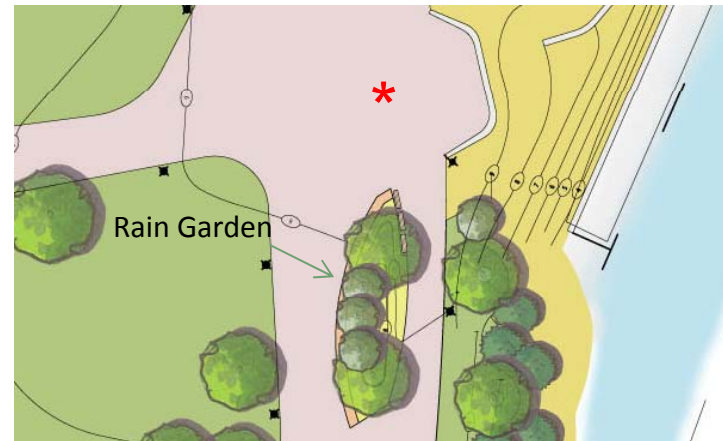
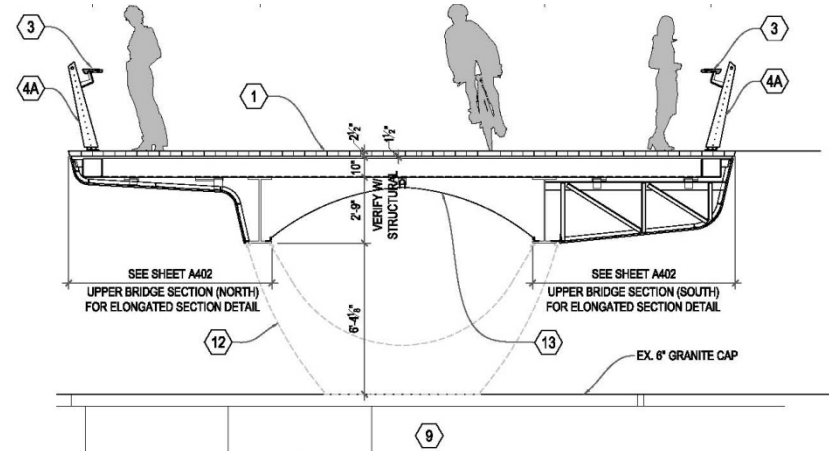
West Side Park Design Goals

Maximize ease of maintenance and park surveillance.



West Side Park Design Goals

Use materials with ongoing durability and sustainability.



Permeable unit pavers are used as forebay of rain gardens.

West Side Park Design Objectives

Create Diverse Spaces.

Informal areas along the river, seating areas in the lawn, walkways with views and open plazas such as:

- Seat walls at river's edge,
- Movable chairs and tables in the plaza on the promontory,
- Restaurant triangle near Ship Street entrance for Parcel 42.



West Side Park Design Objectives

Create Outdoor “Rooms” – Lawn and Plazas for park visitors.



Plant diverse trees and plantings to form diverse spaces and enliven park in all seasons.



Clockwise from top left:
Butterfly Milkweed,
Oak, Oak, Sweetgum,
Cardinal Flower



Plant deciduous trees with spring flowers and colorful autumn leaves.



Autumn Brilliance
Serviceberry – Fall



Tupelo tree above and leaves
below - Fall

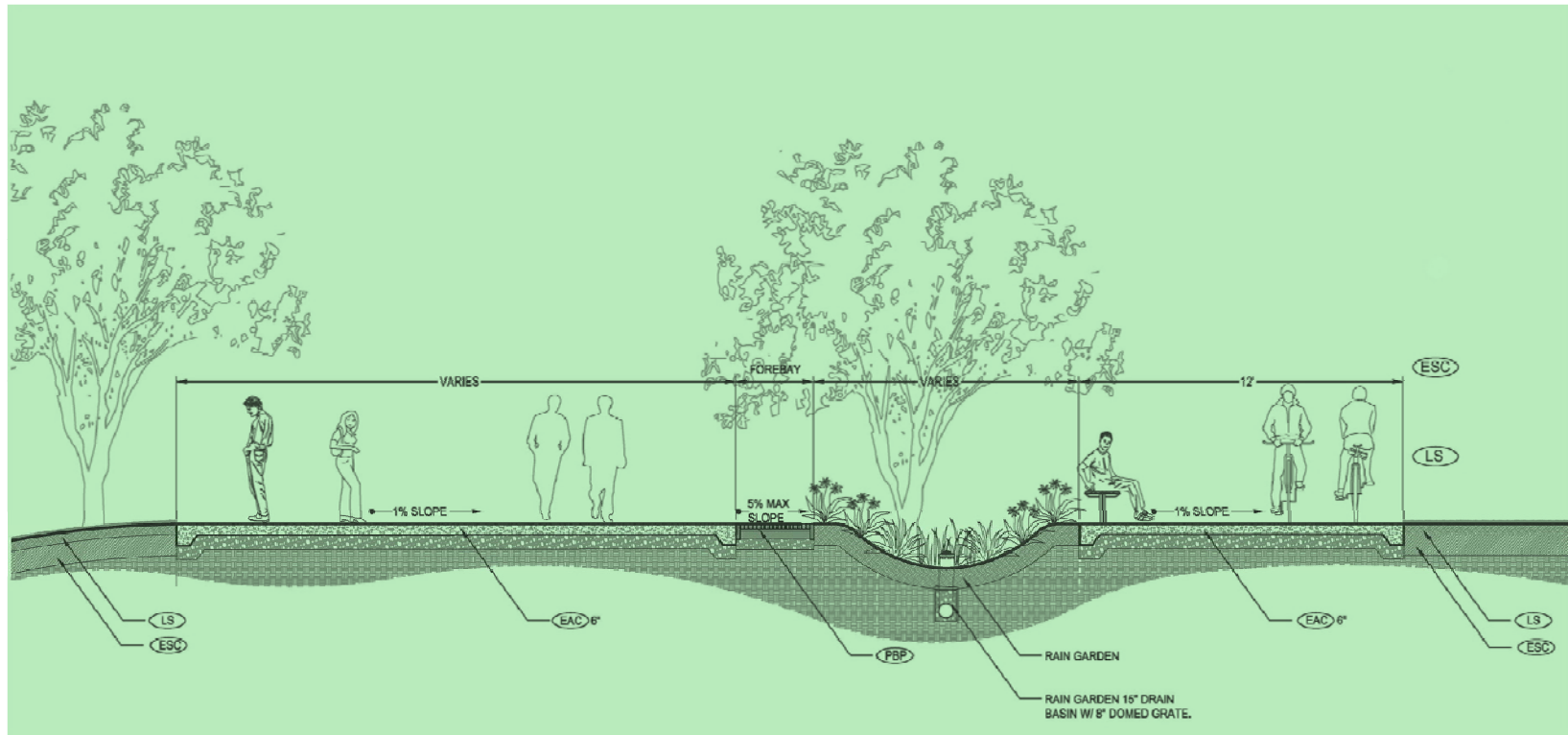


Autumn Brilliance
Serviceberry – Spring



Red Oak - Fall

Design rain gardens according to Low Impact Development (LID) Site Planning and Design per R.I. Stormwater Design and Installation Standards Manual



Grade site to induce sheet flow over specially designed, gently sloped vegetated areas that can treat and infiltrate runoff.

Plant native species in rain gardens.



Clockwise from top left: Virginia
Rose, Swamp Azalea, Sensitive Fern,
Hay Scented Fern, White Wood Aster,
Beach Plum, Panic Grass



Plant hardy native plants in rain gardens.



Clockwise from top left:
New England Aster, Blue
Flag Iris, Wild Blue Indigo,
Sparkleberry Winterberry,
Purplehair Grass



Terrace down to river with plantings suitable for flooding by brackish water and requiring minimal maintenance.



Program for West Side Park



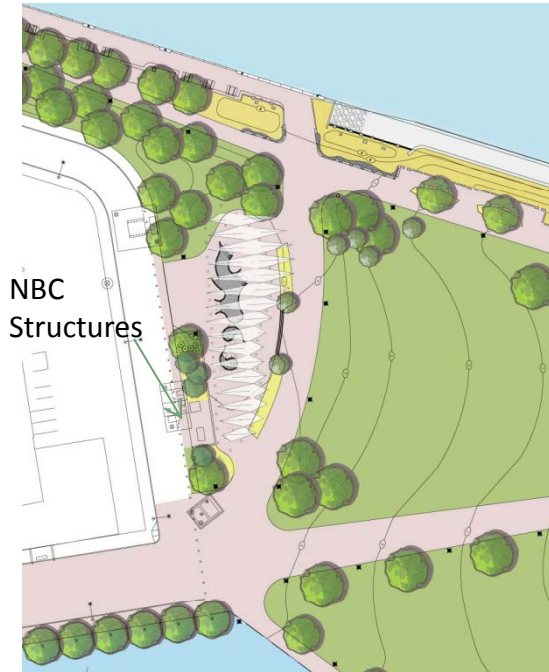
- Grand plaza at promontory, the park's major gathering space,
- Additional plazas near Ship and Dorrance Street entrances,
- Entrances from
 - Memorial Boulevard/Ship Street,
 - Dorrance Street Promenade & “heart” of Knowledge District,
 - Pedestrian Bridge with landing incorporated into plaza with art.

Program for West Side Park



- Expansive, irrigated sunny lawn,
- Seating areas - near river, with tables, rain gardens with native plants

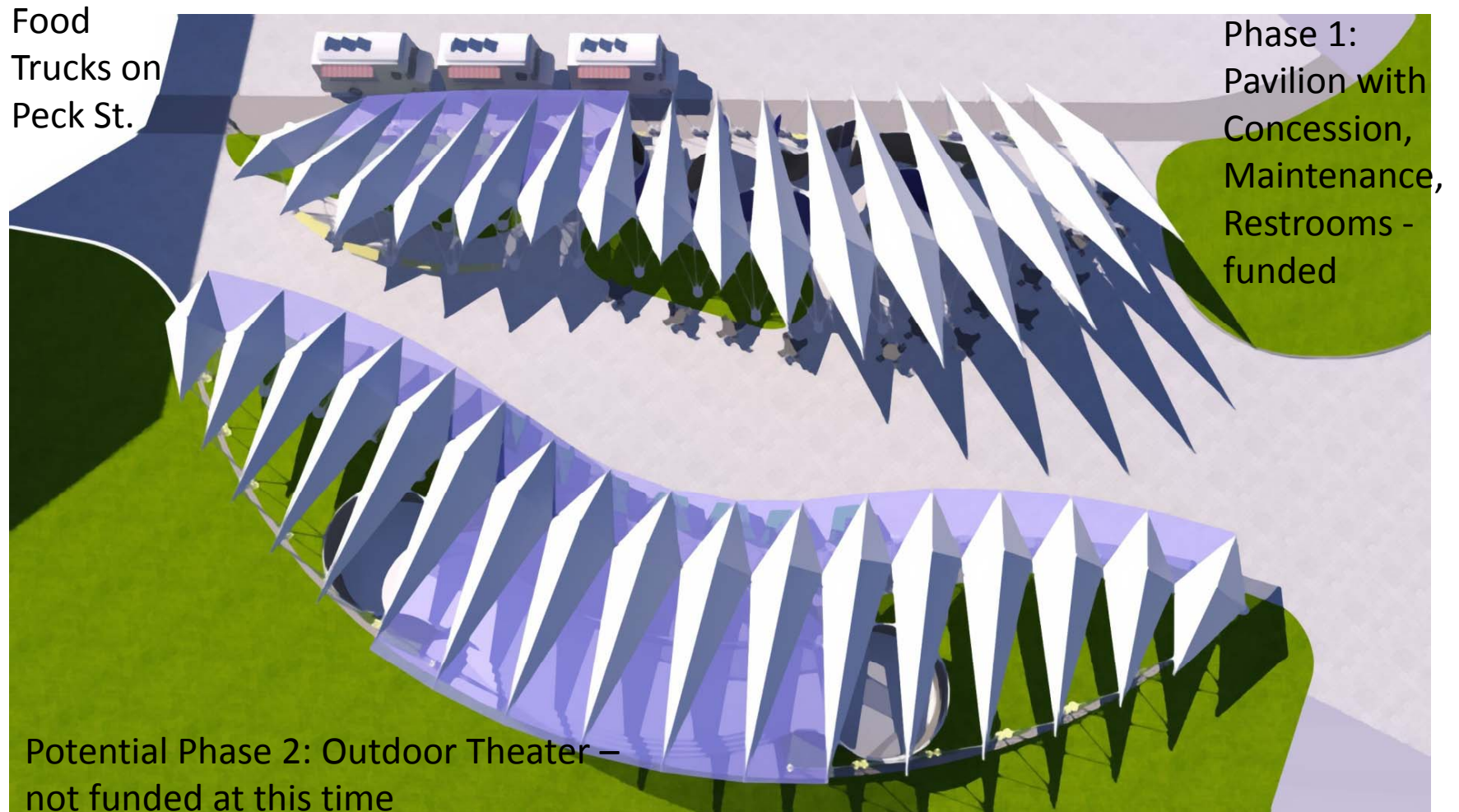
Program for West Side Park



Restroom, maintenance, concession and storage along Peck Street sidewalk with shaded seating, space for Farmers' Market and for food trucks. Festive and welcoming pavilion along Peck Street also screens NBC Structures.

THE LINK I -195 Redevelopment District
Commission

Potential Phase 2: Outdoor Theatre



Pavilion 30% design effort begins in July 2014.

Program for West Side Park



In Phase 1, people can enjoy the lawn and nearby picnic tables on Riverwalk.

Potential Phase 2 - Places for People



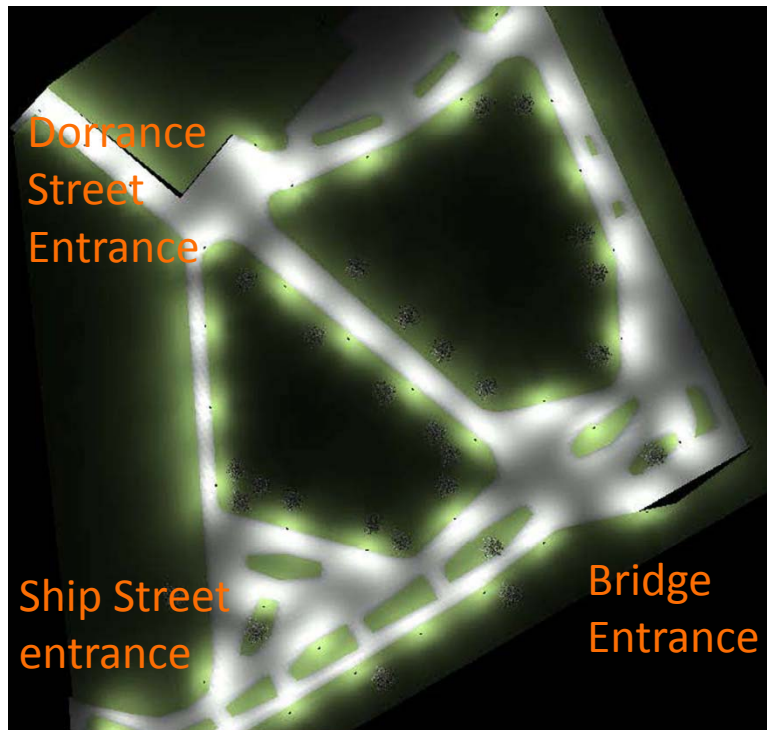
If potential Phase 2 stage is built, lawn near Dorrance and Peck Streets are designed to accommodate a large audience and LED lighting will line paths.

Lighting in front of Pavilion



- LED lights would reduce operating costs.
- Form and material of light shown above would be compatible with the pavilion.

Lighting along park pathways at night



- LED lights provide lit access at night along park paths to pedestrian bridge, Dorrance and Ship Streets.
- LED lights provides lit access at night for night time performances in the park and on the river such as WaterFire.

Lighting along park pathways



LED lights with simple contemporary design