LOOKING BACK

2009- Project for Public Spaces (PPS) came to Providence to develop preliminary ideas for waterfront parks

2009 - I-195 Pedestrian Bridge Committee began to meet to begin thinking about design and programming concepts for the pedestrian bridge

2010- City decided to hold design competition and created Selection Committee

2010 - City issued an RFQ for design teams and then issued RFP to 11 finalists

2010 – Final design was selected

Since 2010 – Advanced from conceptual design, integrated design with emerging plans for East and West Side waterfront parks

Now at Pre-90% design

Construction will begin in Spring of 2015

PROVIDENCE RIVER PEDESTRIAN BRIDGE
DESIGN CONSIDERATIONS

- Must incorporate the five existing piers
- Must be bicycle friendly and ADA compliant
- Incorporated into design of waterfront parks
- Allow for gathering spaces on bridge
- Consideration of views
- Durability of materials
- Design themes – city’s history, innovation, creativity, design excellence
SELECTION COMMITTEE

- Rhode Island School of Design Provost (Chair)
- Director of Rhode Island Department of Transportation
- City of Providence Superintendent of Parks
- City of Providence Director of Planning
- Assistant Vice President, Planning, Design and Construction, Brown University
- Private Business Representative Downtown Providence
- Vice President of the Rhode Island Chapter of AIA
- President of the Fox Point Neighborhood Association
- Vice President of the Jewelry District Association
- Executive Director, Rhode Island Historic Preservation and Heritage Commission
KEY CHANGES SINCE COMPETITION

- Reduced overall size of bridge – total square footage of bridge desk
- Eliminated event space at lower level
- Eliminated walkway from east side to lower level space
- Added seating elements -- serve as lighting elements
- Added stairs to access two piers on east side

DESIGN RETAINS THE ESSENTIAL CHARACTER OF THE ORIGINAL CONCEPT
INCORPORATION WITH WEST & EAST SIDE PARKS
EAST SIDE RENDERED PLAN

PROVIDENCE RIVER PEDESTRIAN BRIDGE
VIEW FROM BRIDGE LANDING – WEST SIDE PARK

PROVIDENCE RIVER PEDESTRIAN BRIDGE
OVERALL PLAN

1 | Upper Bridge Deck
2 | Upper Bridge Bench Seating
3 | South Terrace Deck
4 | Lower Bridge Deck
5 | Fishing Pier
6 | South Terrace Planter

PROVIDENCE RIVER PEDESTRIAN BRIDGE
LIGHTING SCHEME

1 | underbench LED
2 | marker LED
3 | ingrade LED
4 | recessed wall light
5 | handrail LED
6 | handrail LED
7 | ingrade accent

 PROVIDENCE RIVER PEDESTRIAN BRIDGE
BENCH AND LIGHTING ELEMENTS
BENCH AND LIGHTING ELEMENTS
BENCH AND LIGHTING ELEMENTS
VIEW- NORTH SIDE OF EAST ABUTMENT
VIEW LOOKING WEST
BUDGET AND COST ESTIMATE

Listed in the State Transportation Improvement Program (TIP) for $6M

Current budget estimate is $5.5M

OWNERSHIP AND MAINTENANCE

Once constructed, bridge will be owned by the City of Providence

Ongoing maintenance a priority, are working through ideas with I-195 Commission and other partners on best plan to ensure bridge will be maintained in excellent condition
SCHEDULE MOVING FORWARD – NEXT STEPS

Lambri Zerva, Rhode Island Department of Transportation
QUESTIONS? COMMENTS?
PROVIDENCE RIVER PEDESTRIAN BRIDGE

PLAN + ELEVATION VIEWS
PROVIDENCE RIVER PEDESTRIAN BRIDGE

ELEVATION VIEW

PROVIDENCE PEDESTRIAN BRIDGE
OVERALL NORTH ELEVATION

PROVIDENCE PEDESTRIAN BRIDGE
OVERALL SOUTH ELEVATION

PROPOSED BRIDGE DESIGN MEETS AASHTO STANDARDS

NOTE - STATION LINE RUNS PERPENDICULAR TO EXISTING PIERS - ORIGIN AT INTERSECTION OF TRANSVERSE AND LONGITUDINAL MIDPOINT OF PIER B5

NOTE - ALL ELEVATIONS REFER TO PROVIDENCE MEAN HIGH WATER (PMHW) DATUM = + 3.0 PROVIDENCE MEAN HIGH WATER (PMHW) = -13.20 NGVD

IMPROVEMENTS TO INTERSTATE ROUTE 195
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
PROVIDENCE RIVER PEDESTRIAN BRIDGE
PROVIDENCE RIVER - MILE 7.7
CITY OF PROVIDENCE, PROVIDENCE COUNTY, RHODE ISLAND
ELEVATION VIEW

SCALE: 1" = 50'
BENCH DESIGN

PROVIDENCE RIVER PEDESTRIAN BRIDGE
RAILING DETAIL