ASLA 2013 Annual Meeting and EXPO

Speakers

Kelly Carr, ASLA: Senior Project Manager at BETA Group, Inc. in Norwood, MA.
Arek Galle, ASLA: Senior Project Manager at Beta Group, Inc. in Lincoln, RI.
Glen Fontecchio, Architect: Proprietor of Glen S. Fontecchio Architects in Providence, RI.
Kelly, Arek and Glen worked for William D. Warner Architects during design and construction phases of the Waterplace Park, River Relocation Project and the waterfront parks

Dave Freeman, P.E.: Vice President at CDR Maguire Inc. in Providence, RI. Project Engineer for the Waterplace Park, River Relocation Project

Jonathan Ford, PE: Principle at Morris Beacon Design

Mark A. Klopfer, ASLA, AIA: Partner at Klopfer Martin Design Group in Boston, MA. The design firm of the Steel Yard, and Associate Professor of Architecture at Wentworth Institute of Technology.

John McNiff: Park Ranger at Roger Williams National Memorial Park

Jennifer Smith: Site Manager at Roger Williams National Memorial Park

Nathan Socha, ASLA: Landscape Architect at BETA Group, Inc. in Lincoln, RI.

Acknowledgment to William D. Warner AIA, visionary and design leader for Waterplace and River Relocation

Learning Objectives & Schedule

Learn about river reclamation and storm water management in urban landscapes within Woonasquatucket River Watershed

Learn about success in access to the river and issues of river hydrology in a complex urban context

Understand the technical challenges, including Environmental Sensitivity, Sustainability, & Brownfield Remediation Strategy

Understand sites design and sustainable methods, technologies and applications

- 7:30 - 8:55 Leave from Boston - Field session classroom component on bus
- 8:55 - 9:10 Arrive in Providence at Roger Williams National Memorial Park
- 9:10 – 9:30 - Introduction to Providence Woonasquatucket River & Moshassuck River and the history of Providence
- 9:30 – 10:00 Rest Room break and transit to Exchange Street Providence
- 10:00 – 11:00 Water Place Park and the Riverwalk
- 11:00 – 11:30 I-195 Relocation Project Riverwalk and Waterfront Parks
- 11:30 – 11:45 Return walk to downtown Providence
- 11:45 – 1:15 Lunch on your own
- **11:45-12:15 On your Own tour the State House or Westminster Street
- 1:15 - 1:30 Meet at City Hall Park for bus pickup and drive to Steel Yard
- 1:30 - 2:20 Steel Yard site visit
- 2:20 - 2:35 Bus pickup and drop off at Box Office
- 2:35 - 3:00 Box Office site visit
- 3:00 - 5:00 Drive back to Boston
Providence History

Contemporary interpretation of the Providence landscape in c.1650

View of Providence in 1860

Map of Providence in 1776

Map of Providence in 1908-1974

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Waterplace Park and Providence’s Riverfront

Location of numbered stops and Topics
1. Memorial Boulevard Pedestrian Underpass
   - Cove history (graphic panels)
   - Project History; Capitol Center, RR Station relocation, Memorial Boulevard
   - Project chronology, funding

2. Waterplace Park, 3. Riverwalk
   - Waterfire; tidal affects, logistics, human experience
   - Hydrology, tides, flooding, sediment
   - Maintenance, ADA issues
   - Woonasquatucket River, Providence Place Mall
   - Relocated riverbed

4. Exchange Street Bridge
   - Bridges (utilities carried under decking)
   - Water access, Docks for Blackstone River Ferry. Now services gondolas and river tour
   - Riverwalk edge treatments, details

5. Steeple Street 6. Confluence
   - Historic references; cove & flood markers, graphic panels
   - Mossashuck River, History of Confluence
   - Boat and wood storage for Waterfire

7. Washington Street, 8. College Street
   - Worlds widest bridge. Suicide Circle.
   - Reuse of granite, original bridge piers
   - River under Memorial Blvd at Courthouse
   - South-WWI Monument

9. I-195 Relocation Project 10. View to future Parks
   - First two contracts built to continue riverwalks 2001-2004
   - Final contracts to be constructed 2016 to complete the riverwalks to include two parks and a pedestrian bridge.

Map with tour route and numbered stops.

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1. Memorial Boulevard Pedestrian Underpass, Project History

Woonasquatucket River and Providence Rail Yard 1983.

2. Waterplace Park, 3. Riverwalk

Waterfire
4. Exchange Street Bridge

5. Steeple Street  6. Confluence

Treatment at river edge

Early rendering

Graphic Panels were installed along the walkway.

River confluence looking south
7. Washington Street

Granite was reused throughout the project

Suicide Circle & the world's longest bridge

8. College Street

WWI monument & Gardner Jackson Park

College St. Bridge

9. I-195 Relocation Project

10. View Future Park Locations

Design Plan For The New East And West Parks
The Steel Yard & Box Office, Woonasquatucket River Valley Map

1. The Steel Yard
   - Industrial valley history
   - Project history
   - Remediation & design strategies
   - Project chronology, funding

2. The Box Office
   - Project history
   - Remediation & design strategies
   - Sustainable strategies
   - Construction
Woonasquatucket River Valley History

Fill operations in Woonasquatucket Industrial Valley:
Northeast corridor rail line and road on alignment of present day I-95

Map of Providence in 1776

Map of Providence in 1908-1974
Woonasquatucket River Valley History

Fill operations in Woonasquatucket Industrial Valley: New York-Boston rail line and road on alignment of present day I-95.

Map of Providence in 1776

Postcard, Woonasquatucket River & Promenade Street, mailed 1911

Photographs, late 1800s
Providence Steel & Iron, 1902-2002

Steel shapes inventory in front of corner building, c1930

Corner building prior to construction of office, c1920

Existing conditions, 2007
Design Strategies

Remediation Cap Strategy

Sheet pile retaining walls in construction

Volunteer planting day, colored buckets denoting clean and contaminated fill
Project Timeline

2001
Steel Yard formed by Clay Rockefeller & Nick Bauta

2002
Providence Steel & Iron sells site

NOV
Phase II Assessment

2003
Steel Yard incorporated

DEC
Settlement Agreement
RIDEM/Milhaus

2004
MARCH
Groundwater Investigation

APRIL
Percolation tests

MAY
Landscape cap design begins

JULY
Remedial Action Plan completed

2005
SEPTEMBER
1st cap design bids due 9/30

2006
AUG
Site placed on National Register of Historic Places

MAY
EPA Brownfields Clean-Up recipient

2007
JULY
Work begins on Master Site Plan

2008
JULY
Non-profit Steel Yard buys land from RIDEM/Milhaus

2009
JULY
Construction complete

2010
2nd cap design bids due 7/15

2011
SEPTEMBER
Construction begins

“Movie Room,” autumn 2010

“Movie Room,” spring 2012
The Box Office

HABS photo, c1920; aerial site plan of existing conditions

Preliminary design sketch

Construction photo, 2010
see construction video by Stack + Co (general contractors and CM):
http://www.youtube.com/watch?feature=player_embedded&v=Bta4bRj4JM