Reconstruction of DUMBO/Vinegar Hill Streets and Pearl Street Plaza
COMMUNITY BOARD 2 PRESENTATION

July 22, 2013
Project Scope
Project Scope: Historic Districts

DUMBO

Vinegar Hill
Project Scope: Sewer and Water
Project Scope: Street Repair
Project Scope: Public Plaza
Project Scope
Project Scope
Community Participation

DUMBO Design Competition: 2010

Public Workshops # 1: July 16, 2012

Public Workshop # 2: January 8, 2013

Public Workshop # 3: March 5, 2013

Cobble Mockup Viewing: July 1-18, 2013
Community Participation
Historic Streets
Historic Landscape: Narrative
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Historic Landscape: Narrative

Jay Street Connecting Railroad (1909-1959)
Cobble Stone: Patterns

A variety of patterns creating street quilts placed over time
Cobble Stone: Existing Conditions
Cobble Stone: Existing Conditions
Context and Character

Photo shoots take advantage of the view corridors and the texture of the street and buildings.

Stills from “Once Upon A Time in America”, 1984 asphalt patches exist in the historic film.
The Plaza and Anchorage
Brooklyn Bridge Park

Photo Credit: Michael Minn
Brooklyn Waterfront Greenway
Cobble Stone Streets
Cobble Stones: Sizes

5” x 9”  

4” x 7”

One can find a variety of sizes along the neighborhood. These are a few.
Cobble Stones: Sizes

12” x 4”

4” x 4”
Existing Cobble Stone: Color Samples Tan & Gray
Cobble Stones: Sizes

Generally there are various shades of gray & tan / pink mixes found in a random placement in a variety of sizes.
Cobble Stone: Patterns

A variety of patterns creating street quilts placed over time
## Cobble Study: Creating Historic Bikeable Streets

### How Surface is Achieved

<table>
<thead>
<tr>
<th>Feature</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ Tight joints</td>
<td>4.5”</td>
</tr>
<tr>
<td>+ Smooth Finish</td>
<td>5.0”</td>
</tr>
<tr>
<td>+ Regularized width and run course</td>
<td>3.5”</td>
</tr>
<tr>
<td>+ Slightly undulating top surface</td>
<td>3.5”</td>
</tr>
<tr>
<td>+ Irregular edges</td>
<td>5.0”</td>
</tr>
</tbody>
</table>

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**Main Street**
- DUMBO

**Historic Crosswalk**
- @ Plymouth & Adams

**Reconstructed Crosswalk**
- @ Adams & Water
Cobble Study: Creating Historic Bikeable Streets

Running Course Analysis

Shade: browns, tans, and grays

Size: \( W \times L \) 4” - 5” x 9” - 12”
Average jointing \( \frac{1}{4”} - \frac{3}{4”} \)

Texture: smooth finish, minimally rounded, and undulating sides
Cobble Mockup: Completion
Cobble Mockup: Construction
Cobble Mockup: Viewing

Approx. 50 – 60 people came to view the mock-ups

37 formal comments submitted on written forms and by email

30 preferred the old cobble
3 preferred the new cobble
4 inconclusive comments
Street Design
Project Scope
Street Typologies
Street Typologies: Bike Lane on Side of Road

- Sidewalk
- Curb
- Bike Lane Indicator
- 30" Bike Path
- Driving Lane Direction
Street Typologies: Bike Path on Shared Roadway

Parking Lane
Driving Lane Direction ➔
30” Bike Path in Shared Roadway ➔
Parking Lane

Sidewalk
Curb

Curb
Sidewalk
Street Typologies: Bike Lanes on Two Way Street

- 30" Bike Path
- Driving Lane Direction
- Rail Line
- Bike Lane Indicator
- Curb
Plaza Concept Design

Respect, celebrate & enhance the neighborhood’s character
Concept Plan: Scope
Concept Plan: Paving
Concept Plan: Benches and Planters
Concept Plan: Planters
Concept Plan: Flexible Seating
Rendering: Anchorage Place from Pearl St.
Rendering: Anchorage Place from Plymouth St.
Rendering: View from the Archway
Rendering: Lighting
Next Steps:

September 2013: LPC Presentation

Spring 2014: Advertise Project for Bidding

Fall 2014: Anticipated Construction begins

Fall 2016: Anticipated Construction completion
Thank You