Project Area & Background

- DUMBO has abnormal street grid conditions due to the Manhattan Bridge and BQE structures
  - atypical pedestrian access
  - challenging sight lines

- Walkthrough with community December 2013

- Request from BID February 2014 for bicycle and pedestrian improvements at 12 locations
  - 8 addressed by other units
  - 4 became proposal (2 remain)

- Correspondences with CM Levin’s office in May 2014

- Includes elements of Transportation Alternatives’ Jay St Reimagining

- Nearby Capital Project – presented July 2013

2016 Update:

- Front and Pearl location incorporated into nearby Capital Project
- York and Washington project completed Fall 2015
Rapid Response Toolkit

- Pavement markings
- New signage
- Concrete or cobble curb extensions
- Granite paver crosswalk treatment
- Signals
Asphalt with cobble underlayer

Cobble with asphalt patching

Community request to repair condition of cobblestone on York St
York St & Pearl St
Existing Conditions

- Uneven mix of asphalt and cobblestones
- Wide pedestrian crossings
- Excessive roadbed
- Indirect pedestrian path

90 Feet
York St & Pearl St
Previously Proposed 2015 Plan

DOT sponsored programming in coordination with local partners

Extended sidewalk space in paint and concrete

New granite paver crosswalks
York St & Pearl St
Revised 2016 Proposal

- DOT sponsored programming in coordination with local partners
- Repaired cobble on York St between Jay St and Adams St
- Thermal finish laser-cut cobbles
- 5 new granite paver crossings

Note: contingent upon LPC approval
Material Specs

Standard Highway Specifications (Nov 1, 2010)

6.04 – Granite Block Wearing Course

6.04.3. MATERIALS
Materials shall comply with the following requirements:
Granite Block—Section 2.06, Types 1 or 2, except that no block shall be less than six (6”) inches long, four (4”) inches wide and five (5”) inches deep.

Whereby:
SECTION 2.06 - Block, Granite
Blocks shall be of the following sizes:

<table>
<thead>
<tr>
<th>Grade 1 -- Standard</th>
<th>Grade 2 -- Redressed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Five (5”) inch</strong></td>
<td><strong>Five (5”) inch</strong></td>
</tr>
<tr>
<td><strong>Dimensions, Inches</strong></td>
<td><strong>Tolerance, Inches</strong></td>
</tr>
<tr>
<td>Length ............</td>
<td>9 to 10-1/2</td>
</tr>
<tr>
<td>Width .............</td>
<td>4 to 4-1/2</td>
</tr>
<tr>
<td>Depth .............</td>
<td>4 to 5</td>
</tr>
</tbody>
</table>

Each delivery of Grade 1 Blocks shall average not less than ten (10”) inches in length. The maximum sizes for Grade 1 and Grade 2 granite blocks are therefore as follows:
Grade 1: 11 x 5 x 5.5
Grade 2: 11 x 4.5 x 5.5

Material consistent with the planned treatment of Pearl St Plaza.
Jay St & Prospect St
Existing Conditions

- No crosswalks
- Long crossings
- 80 Feet
Jay St & Prospect St
Previously Proposed 2015 Plan

- Large concrete curb extension and two neckdowns
- New crosswalk
- Contraflow Bicycle Lane
- +4 potential parking spaces

27 Feet
Jay St & Prospect St
Revised 2016 Proposal

- Two way bicycle facilities
- Concrete curb extensions
- New crosswalks
- Potential new signal at intersection
- 40 Feet
- Concrete curb extensions
Jay St & Prospect St
Revised 2016 Proposal

Two way bicycle facilities
Two way vehicle lanes
Jay St between Prospect and York
Revised Proposed 2016 Section

Existing

West Sidewalk
9' Parking Lane
11' Travel Lane
5'
9' Parking Lane
East Sidewalk

Proposed

West Sidewalk
17' Combined Shared+Parking Lane
10' Shared Lane
7' NSA / Bus Stop

East Sidewalk
Jay St between York St and John St

Existing

Proposed
Benefits

1. Improves connectivity and safety for pedestrians, bicycles, and vehicles
2. Provides programmable pedestrian space
3. Reflects historic character of neighborhood

Supported by DUMBO BID
1. Pearl St and York St: build laser cut thermal finish cobble curb extension with granite paver crossings

2. Jay St and Prospect St: build curb extension on NE, NW, and SE corners, mark crosswalks on all legs, and signalize intersection.

3. Jay St Corridor: create two-way shared vehicular and bicycle lanes between Prospect St and York St, mark two way shared lane between York St and John St.

Summary