York, Jay, and Pearl Streets
Intersection Improvements and Bicycle Facility

New York City Department of Transportation
Presented by the Pedestrian Projects Group January 20, 2015 to the Brooklyn Community Board 2 Transportation Committee
• 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

• Correspondences with CM Levin’s office in May 2014

• Includes elements of Transportation Alternatives’ Jay St Reimagining

• Nearby Capital Project – presented July 2013
Rapid Response Toolkit

- Pavement markings
- New signage
- Painted and/or textured surfaces
- Concrete triangle and neckdown
- Granite paver crosswalk treatment
- Signals
York St & Washington St

No sidewalk on south curb
York St & Washington St

- New sidewalk extension
- Parking lane markings
- Proposed
- Bike route markings
- +5 potential parking spaces
No sidewalk on southwest corner

Uneven crossing surface

Front St & Pearl St
Front St & Pearl St

Concrete neckdown around bridge structure

New granite paver crosswalk
York St & Pearl St

- Uneven mix of asphalt and cobblestones
- Wide pedestrian crossings
- Excessive roadbed
- Indirect pedestrian path
- Existing
York St & Pearl St

- DOT sponsored programming in coordination with BID
- Extended sidewalk space in paint and concrete
- New granite paver crosswalks

Proposed
Jay St & Prospect St

Existing

No crosswalks

Long crossings

80 Feet
Jay St & Prospect St

- Large concrete curb extension and two neckdowns
- New crosswalk
- 27 Feet
- +4 potential parking spaces
Jay St between Prospect and York

**Existing**
- West Sidewalk
- 9' Parking Lane
- 11' Travel Lane
- 5' Bike Lane
- 9' Parking Lane
- East Sidewalk

**Proposed**
- West Sidewalk
- 8' Parking Lane
- 5' Shared Lane
- 12' Shared Lane
- 8' Parking Lane
- East Sidewalk
Jay St between York and John

Existing

- West Sidewalk
- 16’ Combined Parking + Moving Lane
- East Sidewalk

Proposed

- West Sidewalk
- 16’ Combined Shared + Parking Lane
- East Sidewalk

32’
Benefits

1. Improves pedestrian access
2. Creates pedestrian connectivity
3. Calms traffic

Supported by DUMBO BID
1. **York St and Washington St**: build concrete sidewalk extension, mark parking lanes and bike route, and potentially add parking to the south curb.

2. **Pearl St and Front St**: build concrete neckdown and granite paver crosswalk

3. **Pearl St and York St**: build large concrete triangle island and painted pedestrian space, with two granite paver crosswalks

4. **Jay St and Prospect St**: build large curb extension on NE corner and neckdowns on NW and SE corners, mark crosswalk on the north leg. Potentially add parking along new concrete.

5. **Jay St Corridor**: mark contraflow bicycle lane between Prospect St and York St, mark two way shared lane between York St and John St.

**Summary**