Existing Conditions

Gateway to Brooklyn Bridge Park/Pier 1

Community requested improvements and developed vision plan

Bicycle Issues:
- Shared markings only

Vehicle Issues:
- Poor sight lines
- Wide roadbed
- Bus U-turn requires confusing signal phasing
- Illegal parking

Pedestrian Issues:
- Desire-line not accommodated
- Long crossings
- Narrow sidewalks
DOT’s 2011 Operational Toolkit

- Pavement Markings
- Signal Timing
- New Signage
- Painted and/or Textured Surfaces
- Planters & granite blocks
- Concrete Islands
- Flexible Delineators
Old Fulton St at BQE: Existing

- Wall at BQE Exit blocks sight lines for pedestrians and drivers
- Wide roadbed with channelization
- Illegal parking on medians
- Vegetation restricts visibility of pedestrians for vehicles
Old Fulton St at Front St: Existing

No west crosswalk and pedestrian signal
Old Fulton St at BQE & Front St: Proposed

Expanding existing sidewalks on north side of Old Fulton

Remove vegetation to improve pedestrian visibility

New crosswalk and pedestrian signal

New green medians

Sidewalk extensions to increase safety & visibility
Old Fulton St West of Front St: Existing

- High pedestrian volumes + narrow sidewalk
- Bicycle route connecting Brooklyn Bridge Park to DUMBO needs enhancement
Old Fulton St at Water St: Existing

- Illegal parking
- Wide roadbed
- Crosswalk doesn't follow desire-line
- Illegal parking
- Wide roadbed
Old Fulton St at Water St: Proposal

- North sidewalk expanded with plaza and concrete neckdown
- Green pedestrian median
- Bicycle lanes connecting Dumbo with the Brooklyn waterfront greenway
- Parking maintained next to plaza
- Wide crosswalk to park & pier entrance
- MTA to reroute bus to eliminate U-turn
Old Fulton St at Water St: Proposal
Front St at York St: Existing

Difficult sight lines for drivers on York St results in pedestrian conflicts

71 feet

Long crossing distance

Difficult sight lines for drivers on York St results in pedestrian conflicts
Front St at York St: Proposed

- Crossing distance shortened
- Improved sight lines for York St divers
- Enhanced streetscape - landscaping
- New bicycle markings
1. Expand sidewalk on north side of Old Fulton Street between Water & Front Streets with crushed gravel, planters and granite blocks while maintaining parking
2. Install new signals at Furman Street/Old Fulton Street and Old Fulton Street/Front Street
3. Construct landscaped concrete medians and islands
4. Construct landscaped neckdown on Front and York Streets
5. Construct neckdowns on Old Fulton Street at Front Street and at the BQE exit
6. Expand sidewalks on north side of Old Fulton Street at Front Street
7. Install bicycle markings on Old Fulton and Front Streets
8. Eliminate U-turn at foot of Old Fulton Street
Appendix
Volumes Combined into 1 lane

AM/PM/Sat

100/480/200
180/135/260