BOND ST

Bicycle Route Connection

Presented to Brooklyn Community Board 2, Transportation Committee
January 19, 2017
1. Background
2. Proposal
3. Summary
Background
Proposed Project Limits:

- DeKalb Av: Flatbush Av – Fulton St
- Bond St: Fulton St – Schermerhorn St

BICYCLE NETWORK

- No bike route connection to Downtown Brooklyn
- Bond Street bicycle route was established in 2014 and upgrade through 2016 between 3rd Av and Schermerhorn St
- The DeKalb Av bike lane installed in 2008 ends at Flatbush Av; cyclists typically continue south
- To connect from the existing bike lane on DeKalb Av to the bike lanes on Schermerhorn St cyclists have to travel contra-flow between Livingston St and Schermerhorn St
STREET NETWORK CHANGES

Pre-2010 Traffic Circulation Diagram

Prior to 2010 DeKalb Av continued to Gold St

Northbound Bond St vehicles could continue to DeKalb Av

Post 2010 Traffic Circulation Diagram

In 2010 the Albee Square Capital Project removed DeKalb Av west of Bond St

Bond St between Livingston St and Fulton St was converted to one-way southbound

At Bond St and Livingston St a head-on condition was created
VEHICULAR NETWORK – Existing Traffic Volumes

Existing Street Direction

Existing Peak Hour (5pm – 6pm) Traffic Volume

130 vehicles travelling northbound during peak hour.
Reverse the direction of Bond St between Schermerhorn St to Livingston St from northbound to southbound.

Projected traffic volume increases along Schermerhorn St.

Projected traffic volume is 160 vehicles.
Looking north from Schermerhorn St to Livingston St. The proposal is to change the direction of this block to southbound.
Looking south from Fulton St to Livingston St.
Existing Parking Regulations

LEGEND
- No Standing Anytime
- 1 Hour Metered Parking, 9am - 7pm, Except Sunday
- No Standing Anytime, 7am-7pm, M - F, Except Authorized Vehicles
- Farmers Market Only, June 1 - Nov 30, F, 8am - 5pm
Proposed Parking Regulations

Bike lane to be located on the south side of De Kalb Av.

Bike lane to be located on the east side of Bond Street.
Proposal
De Kalb Av (Flatbush Av to Bond St)

Proposal
PHOTO ILLUSTRATION – DeKalb Av

DeKalb Av: Looking east towards Flatbush Av
Bond St (DeKalb Av to Schermerhorn St)

- West Sidewalk
- 24’ Combined Travel/Parking Lane
- East Sidewalk

24’

- West Sidewalk
- 18’ Combined Travel/Parking Lane
- 6’ Bike Lane
- East Sidewalk

24’
Bond St: Looking north towards Fulton Mall
SUMMARY

- Creates connection from DeKalb Av to Downtown Brooklyn
- Improves a safe, convenient cycling route connecting neighborhoods and destinations
- Provides dedicated space for bicyclists
- Organizes traffic on roadway
Questions?

THANK YOU!