Project Background

- 2013 Community members requested routes on:
  - Stratford Rd
  - Westminster Rd
  - Dorchester Rd

- DOT reviewed requests and other possible routes:
  - Argyle Rd
  - Cortelyou Rd

- Network connections needed on Flatbush Ave and Caton Ave

- June 2014 DOT presented route options to CB14 Transportation Committee
• December 2014
  • Present recommendations for:
    • Argyle Rd
    • Rugby Rd
    • Stratford Rd
    • Westminster Rd
    • Caton Av
    • Albemarle Rd
    • Cortelyou Rd
**Existing Conditions**

- **Argyle Road**
  - from Avenue H to Albemarle Road

- **Rugby Road**
  - from Albemarle Road to Avenue H
Existing Conditions – Argyle Road

- One-way northbound street
- Residential, low traffic volume
- 30’ wide
- 12-hour bike counts, 7a– 7p
  - 249 cyclists (weekend)*
  - 145 cyclists (weekday)**

Looking south, from Dorchester Rd

* 5/3/2014
** 5/6/2014
Both counts conducted between Beverly and Albemarle Roads
Existing Conditions – Rugby Road

- One-way southbound street, low traffic volume

- 30’ wide

- South of Avenue H, two-way north/south
  - One of few roads that continue south over the railroad

- 12-hour bike counts, 7a–7p
  - 302 cyclists (weekend)*
  - 347 cyclists (weekday)**

* 7/26/2014
** 7/23/2014
Both counts conducted between Beverly and Albemarle Roads
Proposed Design – Argyle & Rugby Roads

Existing

30′ Combined Travel and Parking Lanes

30′

Proposed

18′ Combined Travel and Parking Lanes

0′0″ 5′ Parking Lane

7′ Parking Lane
• **Stratford Road**
  • from Albemarle Road to Parade Ground

• **Westminster Road**
  • from Caton Ave to Albemarle Road
Existing Conditions – Stratford Road

- One-way northbound street
- 30’ wide
- 12-hour bike counts, 7a–7p
  - 230 cyclists (weekend)*
  - 153 cyclists (weekday)**

* 5/3/2014
** 5/6/2014
Both counts conducted between Beverly and Albemarle Roads

Looking south, from Church Avenue
Existing Conditions – Stratford Road

- Makes a direct connection to the Parade Ground bicycle path via a curb cut

Looking south, from the Parade Ground
Existing Conditions – Westminster Road

- One-way southbound street
- 30’ wide
- One block away from the Parade Ground bicycle path
- 12-hour bike counts, 7a– 7p
  - 255 cyclists (weekend)*
  - 156 cyclists (weekday)**

* 5/3/2014
** 5/6/2014
Both counts conducted between Beverly and Albemarle Roads

Looking north, from Albemarle Road
Proposed Design – Stratford & Westminster Roads

Existing

30’
Combined Travel and Parking Lanes

30’

Proposed

18’
Combined Travel and Parking Lanes

0’0’
5’
Parking Lane

7’
Parking Lane

30’
Existing Conditions

- Caton Avenue
  - from Stratford Road to Westminster Road
Existing Conditions – Caton Avenue

- Two-way east/west street
- 40’ wide
- Local truck route
- One block eastbound connection from the Parade Ground bicycle path to Westminster Road
Proposed Design - Caton Avenue

Existing

South Sidewalk
20’ Combined Travel and Parking Lane
North Sidewalk
20’ Combined Travel and Parking Lane

40’

Proposed

South Sidewalk
8’ Parking Lane
12’ Shared Lane
12’ Travel Lane
8’ Parking Lane
North Sidewalk

40’
**Existing Conditions**

- **Albemarle Road**
  - from Stratford Road to Rugby Road
Existing Conditions – Albemarle Road

- Two-way east/west street
- Residential, low traffic volume
- 50’ wide with a 15’ planted median

Looking east, from Westminster Road
Proposed Design – Albemarle Road

Existing

14’ Travel Lane

15’ Planted Concrete Median

14’ Travel Lane

50’

Proposed

14’ Shared Lane

15’ Planted Concrete Median

14’ Shared Lane

50’
Existing Conditions

- Cortelyou Road
  - from Ocean Parkway to Flatbush Ave
Existing Conditions – Cortelyou Road

- Commercial corridor, already a destination generator
- Two-way street, providing both east and west connections
- 44’ wide
- Connects to:
  - Clarendon Road via Flatbush Ave
  - Ocean Ave
  - Rugby Road
  - Argyle Road
  - Ocean Parkway
- 12-hour bike count, 7a–7p
  - 203 cyclists (weekday) *

* 5/28/2014
Count conducted between E 16th & E 17th Streets
Proposed Design – Cortelyou Road

Existing

22’ Combined Travel and Parking Lane

44’

Proposed

8’ Parking Lane

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14’ Shared Lane

14’ Shared Lane

8’ Parking Lane

44’
Summary of Recommendations

- With community support, implementation can begin Spring 2015

- Bike Lanes:
  - Argyle Road
  - Rugby Road
  - Westminster Road
  - Stratford Road

- Shared Lanes:
  - Cortelyou Road
  - Albemarle Road
  - Caton Avenue
  - Flatbush Avenue
Benefits of the CB 14 Bike Network

- Responds to a community-based request
- Expands bicycle network in the community
- Increased roadway organization
- Clear positioning for cyclists
- Improved safety for all road users
- No parking or lane removal
Example: Shared Lane

Avenue H