

# Marine Park & Sheepshead Bay

This study area consists of the neighborhoods of Sheepshead Bay, Marine Park, Mill Basin, and Bergen Beach.



## Waterfront and Recreational Amenities

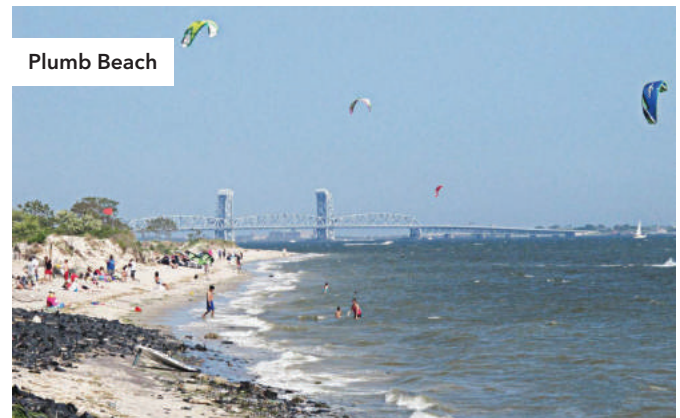
The Jamaica Bay Greenway runs through Marine Park along Flatbush Ave and through Sheepshead Bay on Emmons Ave. While these routes exist, enhancements are needed on both sections.

Besides the Greenway itself, Plumb Beach, Floyd Bennett Field, and Marine Park were identified in community workshops as the most important recreational destinations in this study area.

- **Plumb Beach** is a popular destination for fishing, kite-surfing, and sunbathing.
- **Floyd Bennett Field** is home to a wide array of activities including camping, community gardens, and an historic airfield. A series of paths within the park are suitable for walking, jogging, and biking.
- **Marine Park** is both a neighborhood and a major local recreational destination. Marine Park is home to a popular jogging and cycling loop, which is not currently connected to the Jamaica Bay Greenway or other nearby cycling facilities.

## Focus Areas

Three focus areas were identified in the Marine Park & Sheepshead Bay study area through the workshop process for further analysis. Alternatives for development within each focus area were discussed at a community workshop on April 2, 2014.



Plumb Beach



Floyd Bennett Field

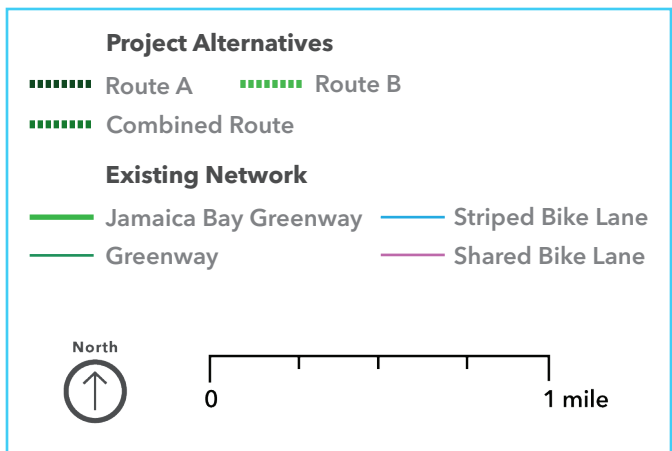


Marine Park

## Marine Park & Sheepshead Bay Focus Areas



- **Focus Area 1: Plumb Beach Network Link** explores possible enhancements to connect to the Plumb Beach segment of the existing Jamaica Bay Greenway.
- **Focus Area 2: Marine Park Connector** presents alternatives for extending the Greenway from Flatbush Ave to the Marine Park Greenway Loop.
- **Focus Area 3: Flatbush Ave Enhancements** looks at ways to improve the existing route along Flatbush Ave between Floyd Bennett Field and the Greenway terminus at Ave V.





## Route Options

### Option A: Waterfront Path on Emmons Ave

Option A would create a two-way protected bicycle path along the Sheepshead Bay waterfront, enhancing the existing connection from the Brigham St Greenway entrance to the existing bike network at Bedford Ave. Vehicles frequently double-park at restaurants along the route, creating back-ups and forcing cyclists to change lanes. Benefits of the proposed reconfiguration of the route include enhanced wayfinding, waterfront views, and the opportunity for a physical barrier between people on foot or bicycle and moving traffic.

### Option B: Marine Park Connection on Knapp St

Option B would install a combination of shared and standard bike lanes on Knapp St, connecting the existing Brigham Ave Greenway entrance to Marine Park and Gerritsen Beach. This route was included as a potential bicycle path in the 1997 Bicycle Master Plan. Due to vehicle volumes and available road space, a protected or separated path is not feasible on Knapp St.

## Selected Route

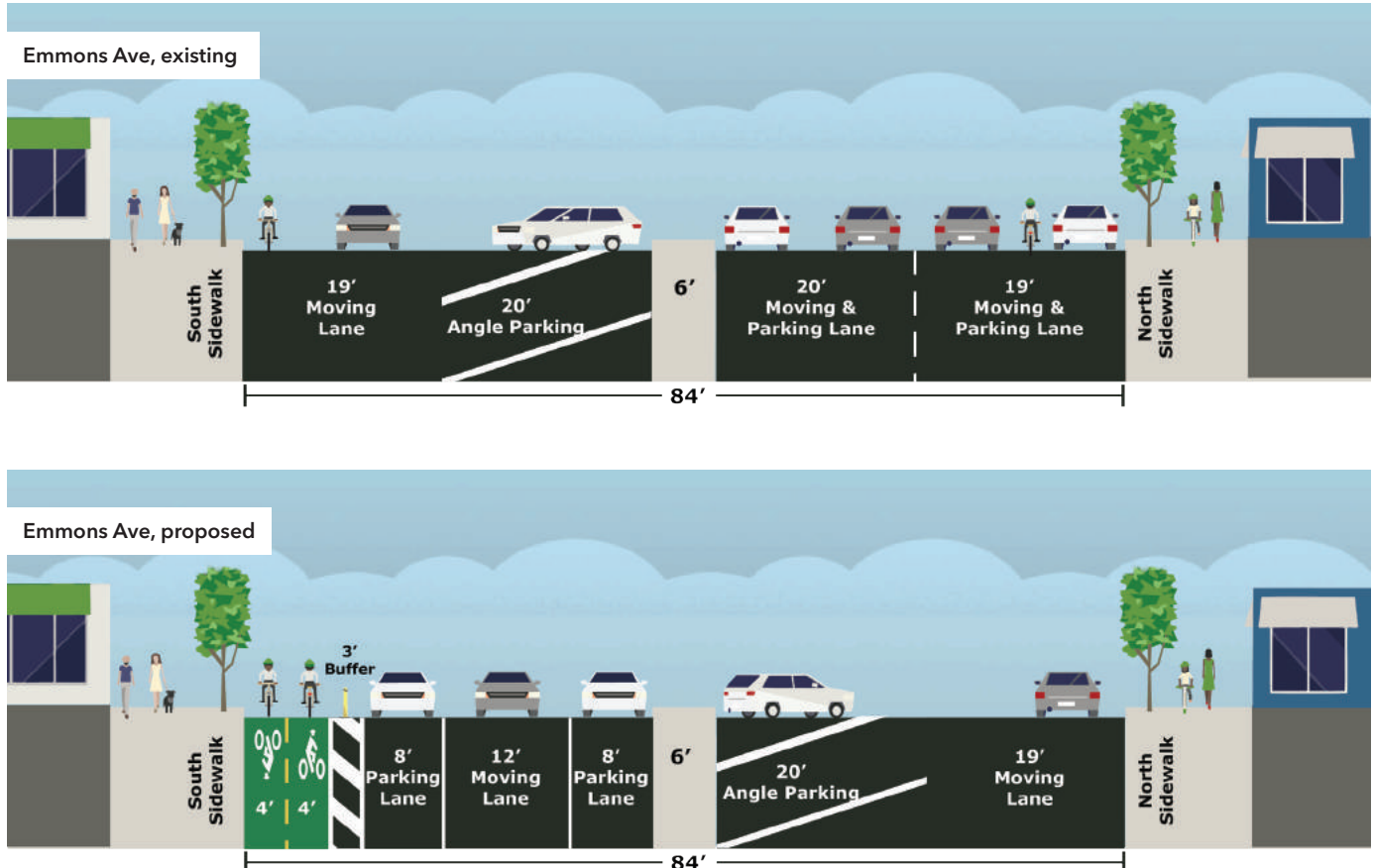
### Waterfront Path on Emmons Ave

Emmons Ave is the preferred route for connections to Plumb Beach. Emmons Ave offers access to the waterfront, connection to the bike network, and the opportunity to create a protected path. Intersection improvements at Knapp St and Emmons Ave are also recommended.

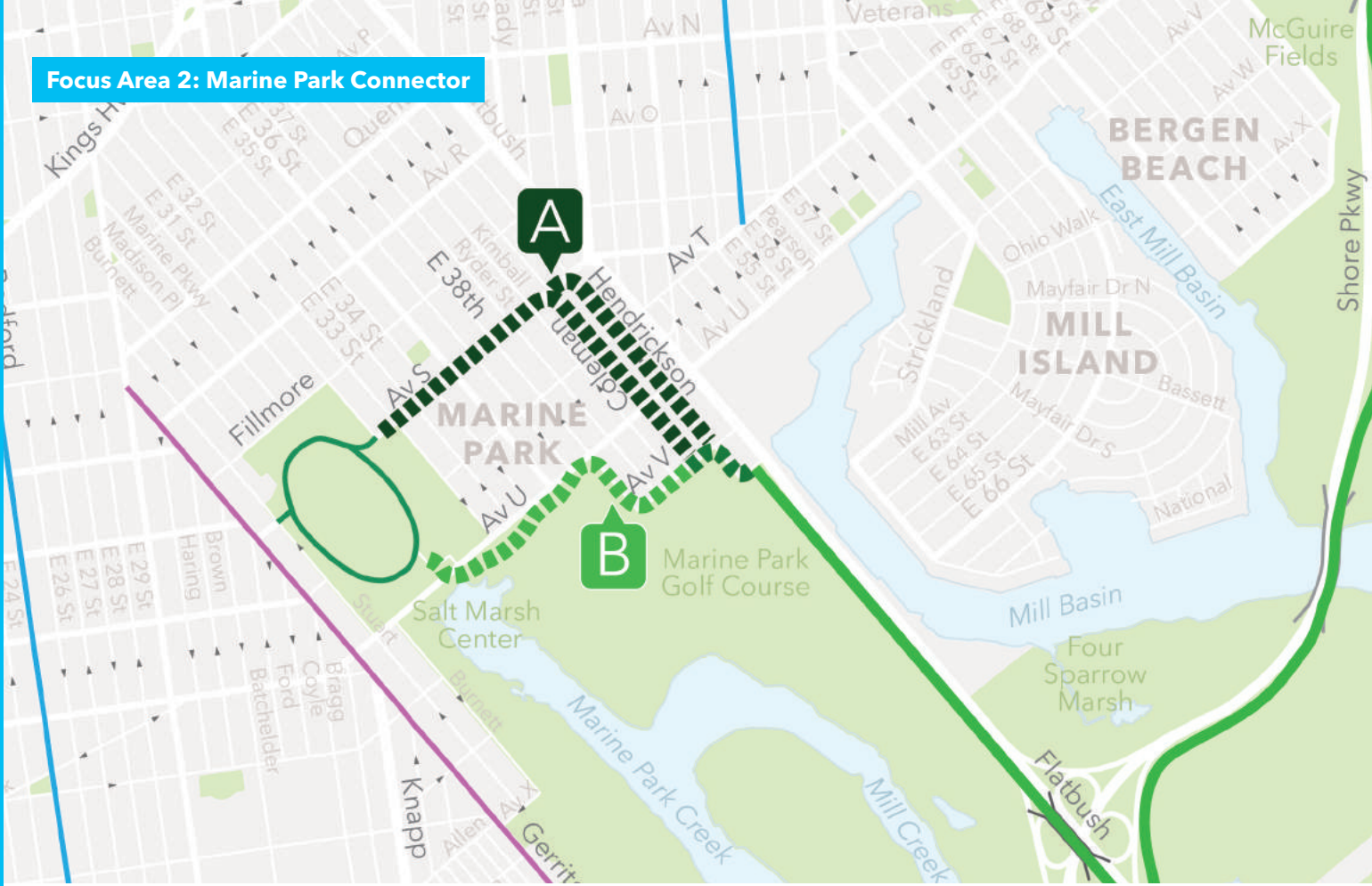
### Facility Design

Proposed improvements include:

- Installation of a two-way parking protected path on Emmons Ave to Brigham St
- Installation of back-in angle parking along the north side of the median, where feasible
- Intersection improvements to accommodate path access to and from Knapp St



## Focus Area 2: Marine Park Connector



## Focus Area 2: Marine Park Connector

### Existing Conditions

Marine Park is Brooklyn's largest city park. The main section of the park, between Fillmore Ave and Ave U, is currently home to a popular cycling and jogging loop.

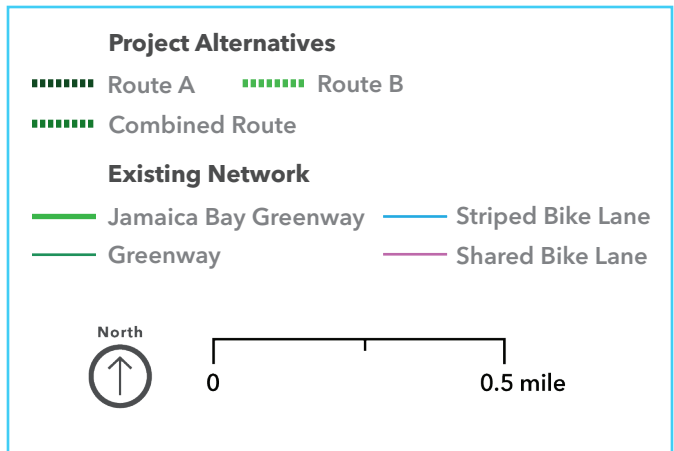
The purpose of improvements in this focus area is to:

- Connect the Flatbush Ave Greenway terminus to the Marine Park loop
- Improve wayfinding and safety from Marine Park to Floyd Bennett Field

### Route Options

#### Option A: On-Street Connection

Option A creates an on-street connection between the Marine Park loop and the Greenway entrance on Flatbush Ave. This connection would consist of marked shared lanes on Ave S linking to a one-way pair, parallel to Flatbush Ave, on Coleman St and Hendrickson St. This connection would encourage people on bikes to use lower volume side streets in place of Flatbush



Ave, as well as creating a marked, comfortable link between the neighborhood’s center and the Greenway entrance. Disadvantages of this option include limited opportunities to create enhanced walking or jogging paths and facility design that would require people on bikes to mix with traffic.

**Option B: Parkside Path**

Option B creates a path through a portion of Marine Park parallel to Ave U, then follows the park edge along city streets to Hendrickson Pl. This route has the potential to be designed as a two-way protected path. However, some parking loss would be required to achieve that design.

**Selected Route**

**Parkside Path**

A route through Marine Park and then next to the park along E 38<sup>th</sup> St, Ave V, Hendrickson St, and Hendrickson Pl, is the preferred route due its greater potential to create a path separated from traffic and community support.

Several routes connecting to Bedford Ave were also discussed for potential expansion of the Bicycle Network. Among those discussed, a potential route along Ave T to Bedford Ave or Ocean Pkwy was generally preferred.

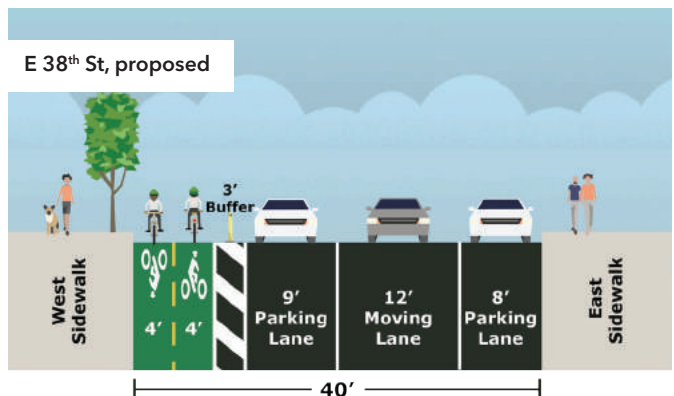
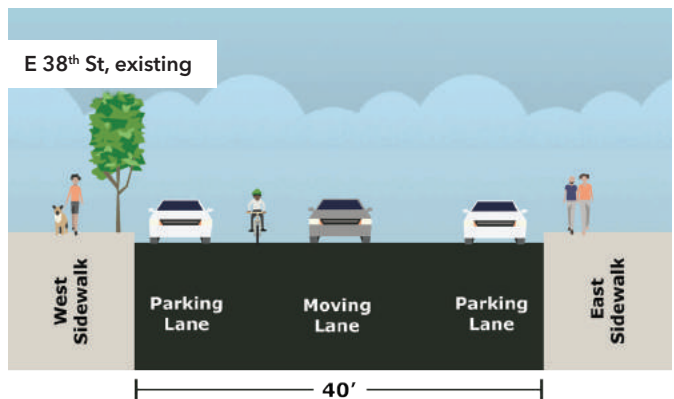
**Facility Design**

Proposed improvements include:

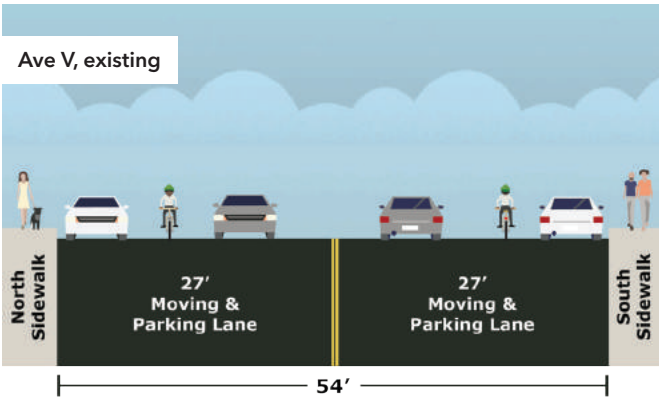
- Installation of two-way, protected path, following the edge of Marine Park from E 38<sup>th</sup> St at Ave U to Hendrickson Pl and Flatbush Ave.

**Future Enhancement Project**

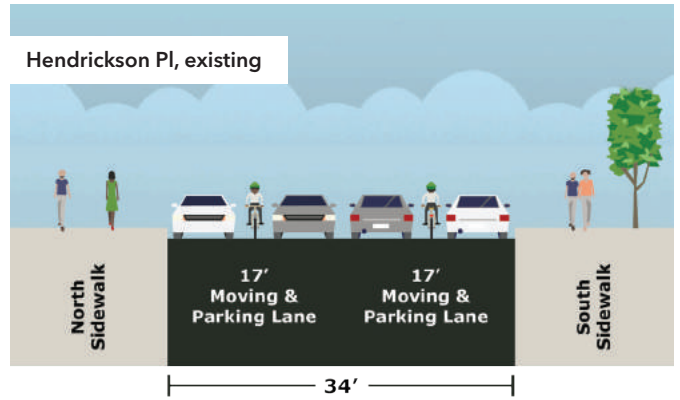
A widened path through Marine Park connecting to the Marine Park loop at the Salt Marsh Nature Center is recommended as a Future Enhancement Project.



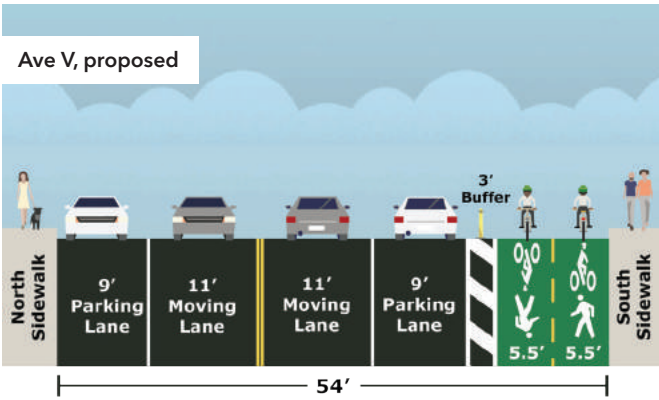
Ave V, existing



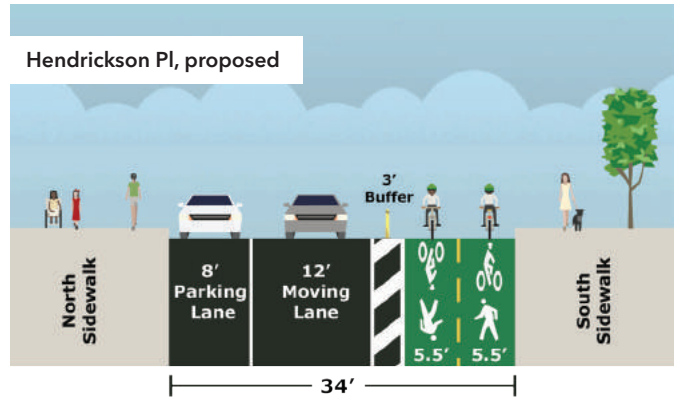
Hendrickson Pl, existing



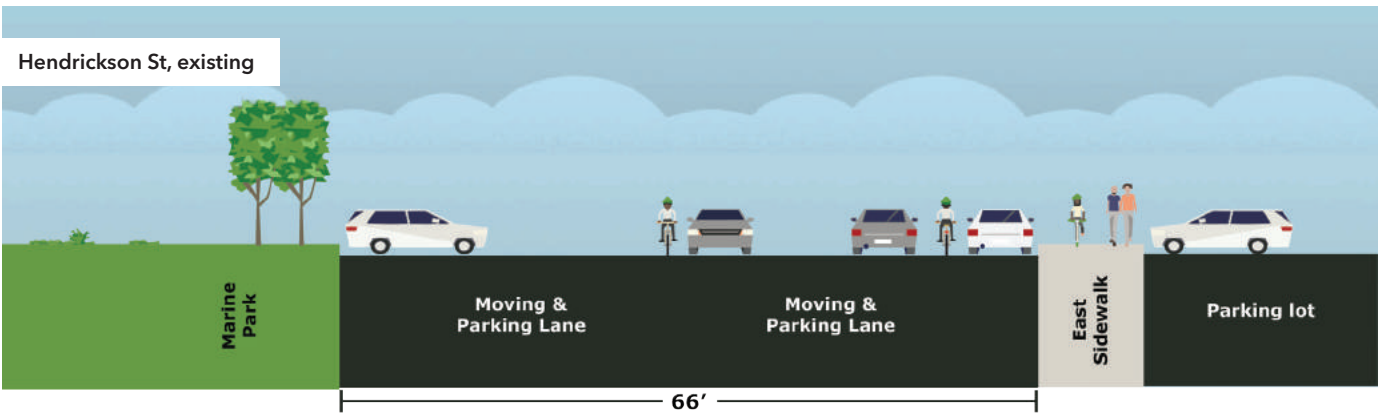
Ave V, proposed



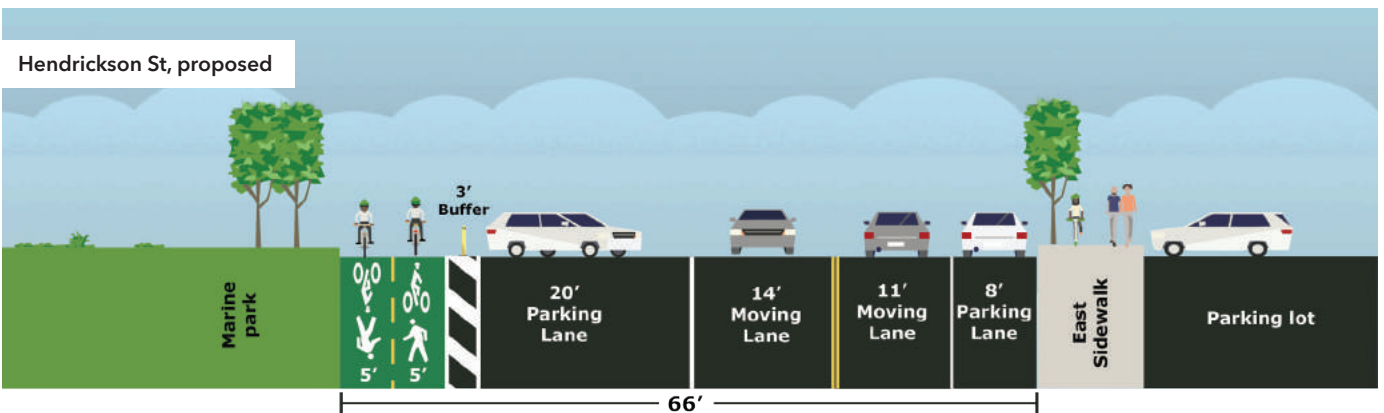
Hendrickson Pl, proposed



Hendrickson St, existing



Hendrickson St, proposed





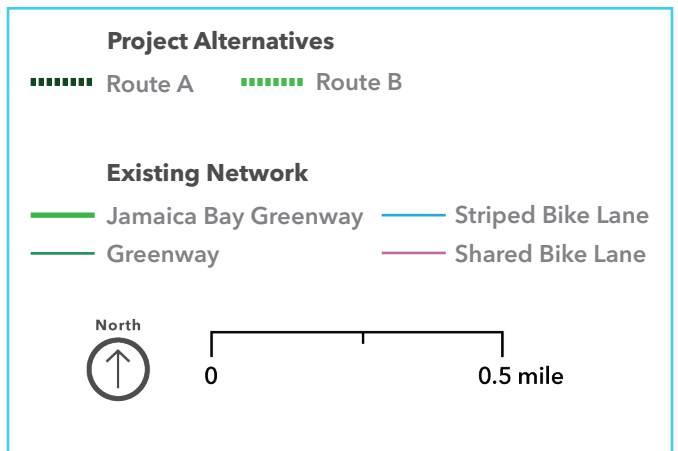
## Focus Area 3: Flatbush Ave Enhancements

### Existing Conditions

The existing Greenway route along Flatbush Ave begins at Hendrickson Pl. Cyclists are directed to use the sidewalk between Hendrickson Pl and the Greenway entrance at Floyd Bennett Field. Greenway users walking and biking must cross on- and off-ramps to the Shore Pkwy. Currently, there are no signs or markings indicating that pedestrians or cyclists may cross. In addition, the sidewalk itself is in poor condition.

The purpose of improvements along Flatbush Ave is to:

- Enhance safety at ramp crossings
- Enhance wayfinding to the Greenway entrance
- Enhance access to Floyd Bennett Field and continuing connections along the existing Greenway path





## Route Options

### Option A: Existing Route

Option A enhances the existing route, while highlighting ramp crossing with markings and signage. Enhancement of the existing route could include reconstruction of the sidewalk to include asphalt path, similar to the Brooklyn Waterfront Greenway along Columbia St. This option cannot be implemented without a capital project.

### Option B: Re-Route Path through Marine Park Golf Course

Option B involves creating a new route, which would connect the Marine Park bicycle path loop through the Marine Park Golf Course. This option was considered as a Future Enhancement Project, as it involves NYC Parks land.

## Selected Improvements

### Flatbush Ave

Enhancing the existing route is preferred. This route was selected based on its accessibility from surrounding neighborhoods and visibility from the roadway.

### Facility Design

- Repair or reconstruct the sidewalk on Flatbush Ave between Hendrickson Pl and Floyd Bennett Field.
- Install markings and signage to enhance visibility at Shore Pkwy ramp crossings.

Shore Pkwy ramp crossings, facing north



Shore Pkwy ramp crossings, potential configuration



Flatbush Ave, potential configuration





## Selected Routes: Marine Park & Sheepshead Bay

### Planned Greenway Projects

#### 1: Plumb Beach Network Link

- Emmons Ave (E 19<sup>th</sup> St to Bringham St)

#### 2: Marine Park Connector

- E 38<sup>th</sup> St (Ave U to Ave V)
- Ave V (E 38<sup>th</sup> St to Hendrickson St)
- Hendrickson St (Ave V to Hendrickson Pl)
- Hendrickson Pl (Hendrickson St to Flatbush Ave)

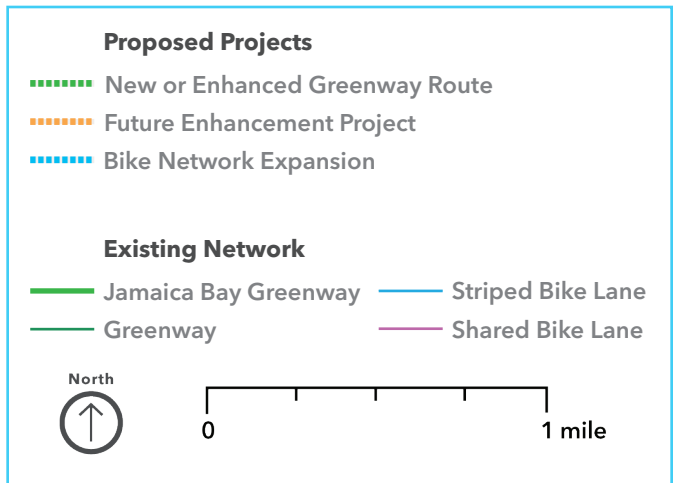
#### 3: Flatbush Ave Enhancements

- Flatbush Ave (Ave V to Shore Pkwy Off Ramp)

### Future Enhancement Projects

#### A: Marine Park Path

- Ave U (Salt Marsh Center to E 38<sup>th</sup> St)



### Future Bicycle Network Expansions

- Ave T (Bedford Ave to Stuart St)