

## APPENDIX 1: SHARED-USE SIDEWALK

### Introduction

Appendix 1 examines the recommendation to build a shared-use sidewalk along Shore Road South in Link 1 and Link 2 by converting an existing sidewalk that is underutilized and has sufficient width. Wide sidewalks afford the opportunity to install off-street bicycle facilities without affecting traffic operations or the removal of a travel or parking lane. Other options recommended in Link 1 and Link 2 either take away a travel or parking lane or build an off-street greenway in the parkway right-of-way. Sidewalk conditions and width, land use, potential conflict with driveways and/or cross streets, and other issues were assessed in order to understand route conditions for bicyclists and pedestrians.

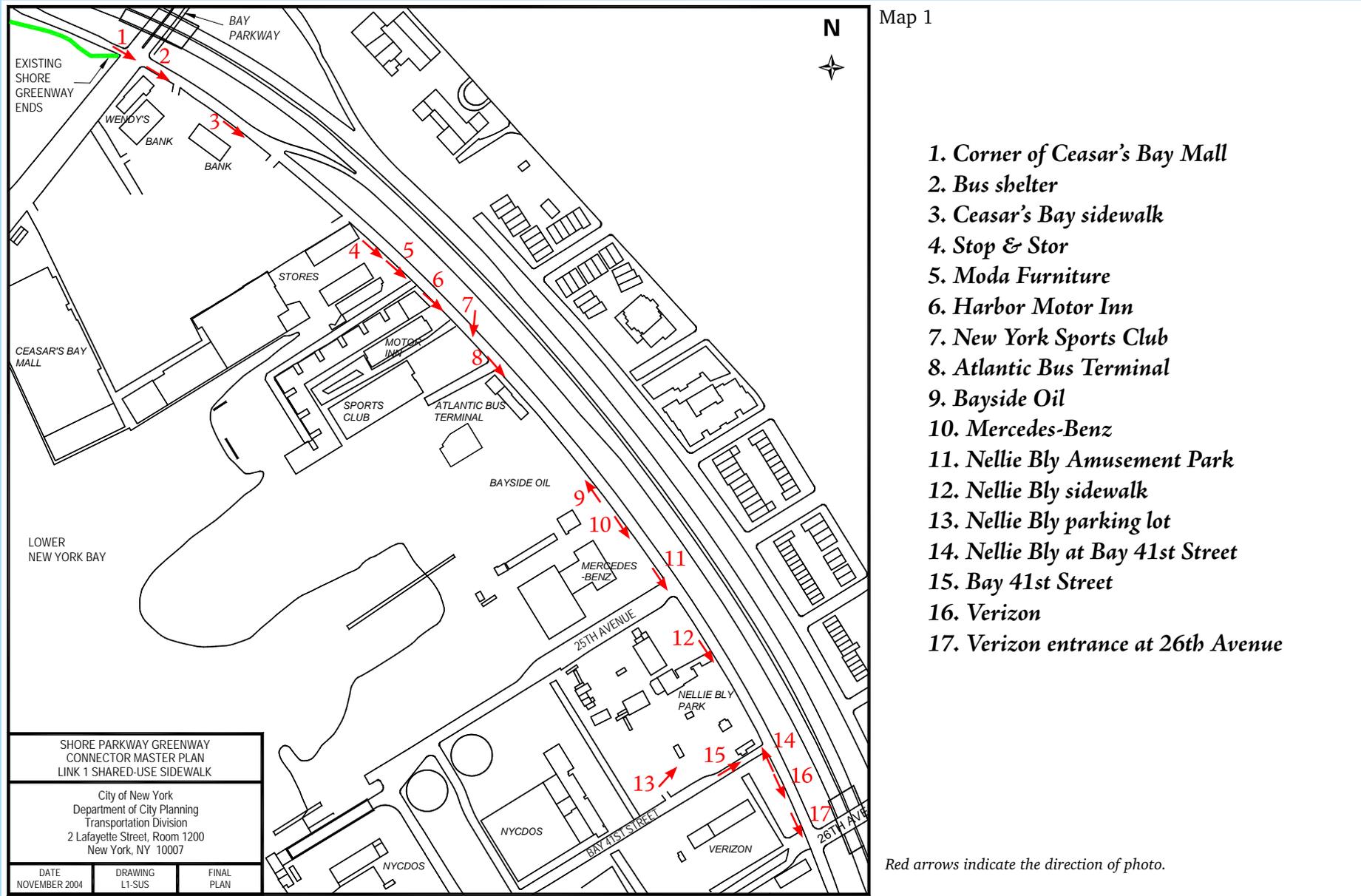
Link 1 and Link 2 are ideal locations for a shared-use sidewalk because of the low pedestrian volume, the proximity of vast tracts of parkland, the paucity of businesses in the area, the absence of residences, and the overall importance of a viable off-street bicycle link to further connect and extend the Shore Parkway Greenway. The proposed shared-use sidewalk would be 11 to 18 feet wide with a striped centerline to separate wheeled- and non-wheeled users. Appropriate signage and markings would be installed to direct pathway users, identify the route, and to alert motorized vehicles who might cross over the pathway. This type of shared-use facility has already been successfully applied to portions of the Hudson River Greenway in Manhattan which is heavily-used and has numerous crossing conflicts with facilities, businesses, tourist destinations and other attractions along the piers and waterfront.

Map 1 and Map 2 on the following two pages shows the locations where the photos of each segment were taken and the direction of the photo.

The city would assume jurisdiction, maintenance, and legal responsibility of the shared-use sidewalk. The Department of Parks & Recreation would have control over the pathway in front of Dreier-Offerman Park (Link 2), Six Diamonds Park (Link 2), and Nellie Bly Park (Link 1) and the NYCDOT would have responsibility over all the other areas.

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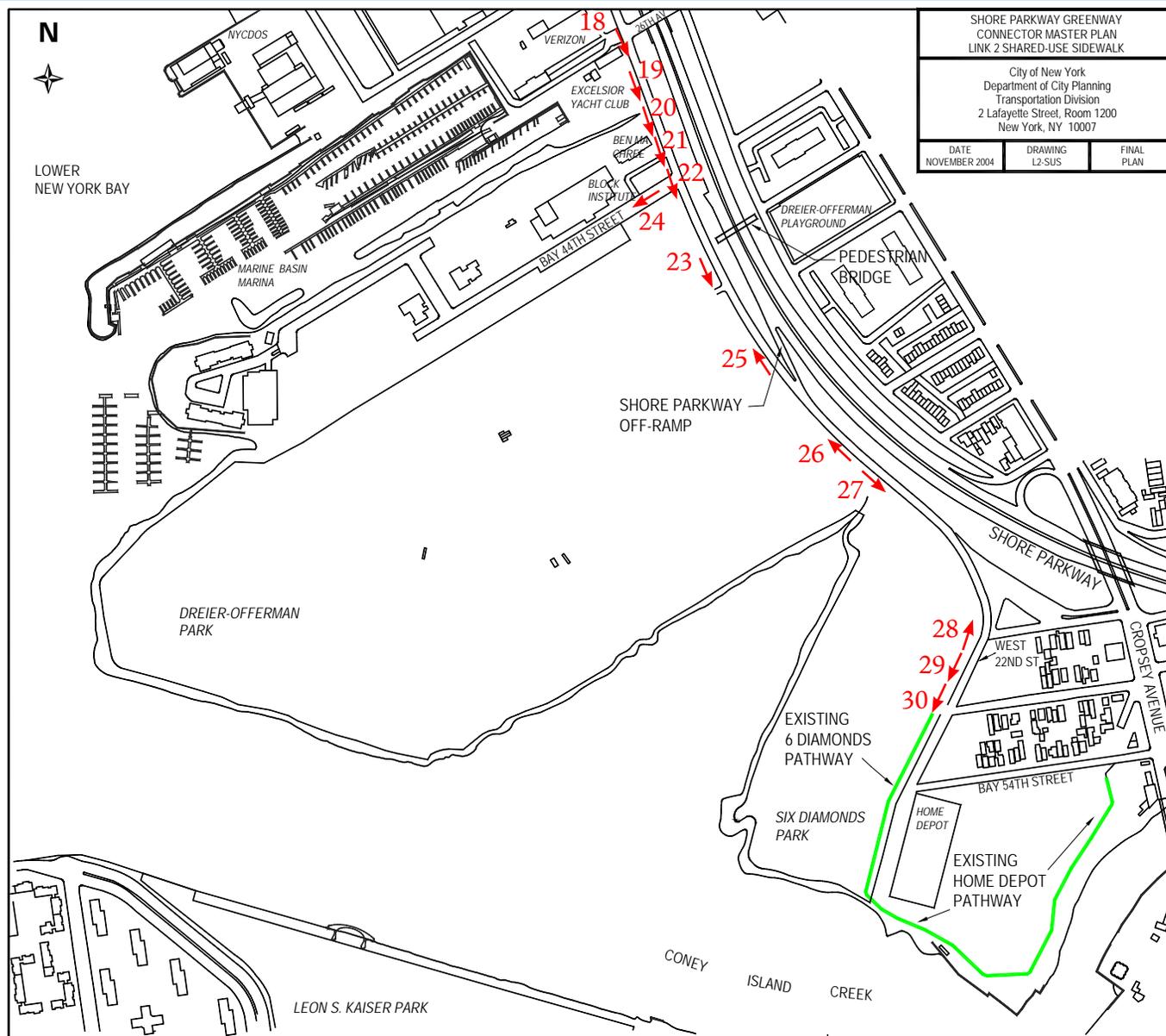
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Map 2

- 18. Excelsior Yacht Club
- 19. Defunct development
- 20. Ben Ma Chree Boat Club
- 21. Block Institute
- 22. Dreier-Offerman Park I
- 23. Dreier-Offerman entrance
- 24. Bay 44th Street
- 25. Dreier-Offerman Park II
- 26. Bicycle riding against traffic
- 27. Pinch point between parks
- 28. Six Diamonds Park
- 29. West 22nd Street
- 30. Closed gateway



Red arrows indicate the direction of photo.

## APPENDIX 1: SHARED-USE SIDEWALK



### 1. Corner of Caesar's Bay

Segment Length: 20 feet  
 Pavement Condition: Good  
 Sidewalk Width: 11-15 feet  
 Driveways: 0  
 Cross Streets: 0  
 Photo: Looking south

Issues: Sidewalk narrows at corner from 10 feet at the traffic signal metal pole, 13 feet at the corner of Wendy's outdoor seating, to 15 feet heading east. Bay Parkway is the street in the foreground and serves as the main entrance to the mall.

### 2. Bus Shelter

Segment Length: 220 feet  
 Pavement Condition: Good  
 Sidewalk Width: 15 feet  
 Driveways: 1  
 Cross Streets: 0  
 Photo: Looking south

Issues: Sidewalk clearance at bus shelter is only 7 feet. The driveway is a one-way entrance only for the banks. Note bicyclist walking bike.

### 3. Caesar's Bay Sidewalk

Segment Length: 660 feet  
 Pavement Condition: Good  
 Sidewalk Width: 16-17 feet  
 Driveways: 2  
 Cross Streets: 0  
 Photo: Looking south

Issues: There are 2 exit/entrances to the mall along Shore Road South. A Shore Parkway on-ramp is on the left of the photo. The majority of vehicles on Shore Road South exit onto the Parkway at this on-ramp. Note the clear sightlines on the sidewalk.

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### 4. Stop & Stor

Segment Length: 105 feet  
 Pavement Condition: Good  
 Sidewalk Width: 17-18 feet  
 Driveways: 1  
 Cross Streets: 0

Photo: Looking south

Issues: The driveway has an electric gate that all vehicles must enter and exit through ensuring that vehicles are traveling at slow speeds. Currently people on the sidewalk do not have 100 percent visibility around the corner of the building.



### 5. Moda Furniture

Segment Length: 65 feet  
 Pavement Condition: Good  
 Sidewalk Width: 18 feet  
 Driveways: 0  
 Cross Streets: 0

Photo: Looking south

Issues: Visibility around the corner of the building.



### 6. Harbor Motor Inn

Segment Length: 100 feet  
 Pavement Condition: Good  
 Sidewalk Width: 18 feet  
 Driveways: 1  
 Cross Streets: 0

Photo: Looking south

Issues: Tree/pit located on sidewalk.

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### 7. *New York Sports Club*

Segment Length: 125 feet

Pavement Condition: Fair

Sidewalk Width: 17-18 feet

Driveways: 1

Cross Streets: 0

Photo: Looking south

Issues: Sidewalk conditions start to degenerate heading east. Note bicyclist riding on the sidewalk.

### 8. *Atlantic Bus Terminal*

Segment Length: 300 feet

Pavement Condition: Poor

Sidewalk Width: 15 feet (5 paved)

Driveways: 2

Cross Streets: 0

Photo: Looking south

Issues: Sidewalk is in poor condition with cracked and uneven pavement. There are unpaved portions of the sidewalk consisting of trash, dirt and weeds. The first driveway is an entrance only that might be an unmapped street. The second driveway is an exit only with a electric sliding gate.

### 9. *Bayside Oil*

Segment Length: 270 feet

Pavement Condition: Poor

Sidewalk Width: 16 feet

Driveways: 2

Cross Streets: 0

Photo: Looking north

Issues: Sidewalk is in poor condition with cracked and uneven pavement. There are unpaved portions of the sidewalk consisting of trash, dirt and weeds and portions paved of different material. Chain-link fencing separates the property from the sidewalk.

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### 10. Mercedes-Benz

Segment Length: 250 feet

Pavement Condition: Fair

Sidewalk Width: 17½ feet

Driveways: 0

Cross Streets: 25th Avenue

Photo: Looking south

Issues: The car dealership has slatted wrought iron fencing the length of their property. Twenty-fifth Avenue and Shore Road South create a “T” intersection.



### 11. Nellie Bly Amusement Park

Segment Length: 510 feet

Pavement Condition: Fair/Good

Sidewalk Width: 15 feet (5 paved)

Driveways: 0

Cross Streets: 25th Avenue

Photo: Looking south

Issues: The sidewalk in front of the park typically has 5 feet of pavement sandwiched by a 5-foot amenity strip with 7 small trees and a 5-foot strip of grass along the the fence fronting the park. Twenty-fifth Street creates a “T” intersection with Shore Road South.



### 12. & 13. Additional Photos - Nellie Bly

Above photo (12) shows the sidewalk in front of the park entrance along Shore Road South. Cars tend to park illegally on the curb at this entrance when the park is open. Photo below (13) shows a section of the available but unused parking lot behind the park.

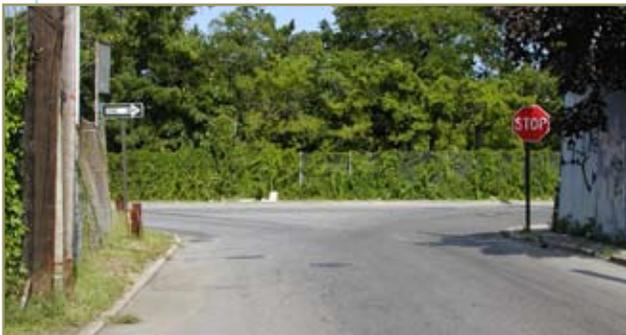


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### 14. & 15. Additional Photos

Looking at the corner of Nellie Bly Park and Bay 41st Street above (14.) and the Bay 41st Street intersection with Shore Road South (15.).



### 16. Verizon

Segment Length: 250 feet  
 Pavement Condition: Fair  
 Sidewalk Width: 18 feet  
 Driveways: 0  
 Cross Streets: 0  
 Photo: Looking south  
 Issues: Note mother and child riding their bicycles on the sidewalk.

### 17. Verizon entrance at 26th Avenue

Segment Length: 50 feet  
 Pavement Condition: Fair  
 Sidewalk Width: 20+ feet  
 Driveways: 1  
 Cross Streets: 26th Avenue  
 Photo: Looking south  
 Issues: Two-way 26th Avenue crosses under the parkway and forms a “T” intersection to the north with Shore Road South. The width of the driveway is virtually the entire width of 26th Avenue. Note bicyclist riding on the sidewalk.

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### **18. Excelsior Yacht Club**

Segment Length: 225 feet

Pavement Condition: Fair

Sidewalk Width: 11-15 feet

Driveways: 1

Cross Streets: 0

Photo: Looking south

Issues: The slanting iron gate of the yacht club creates a pinch point along the sidewalk. The driveway to the yacht club has an electric gate to access their large parking area.

### **19. Defunct King's Bay Development**

Segment Length: 65 feet

Pavement Condition: Poor

Sidewalk Width: 15 feet (5 paved)

Driveways: 0

Cross Streets: 0

Photo: Looking south

Issues: Site is overgrown and littered with debris. There is only 5 feet of paved sidewalk but there is sufficient space to widen the sidewalk by paving over the dirt and weeds.

### **20. Ben Ma Chree Boat Club**

Segment Length: 65 feet

Pavement Condition: Poor

Sidewalk Width: 15 feet

Driveways: 1

Cross Streets: 0

Photo: Looking south

Issues: The yacht club has a 15-foot wide driveway.

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### 21. Block Institute

Segment Length: 170 feet  
 Pavement Condition: Good  
 Sidewalk Width: 18 feet  
 Driveways: 1  
 Cross Streets: Bay 44th Street  
 Photo: Looking south

Issues: The institute has an unused entrance to their parking lot behind an electric gate on Shore Road South. All vehicles enter and exit from a different gate on Bay 44th Street.

### 22. Dreier-Offerman Park 1

Segment Length: 450 feet  
 Pavement Condition: Good  
 Sidewalk Width: 11 feet  
 Driveways: 1  
 Cross Streets: 0  
 Photo: Looking south

Issues: The sidewalk along the park is 11 feet wide with 5 feet paved. There are trees and utilities along the unpaved parts of the sidewalk. Currently, there is one access point to the park (see photo 23). The roadbed is still 29 feet wide and functions as a single motorized vehicle travel lane.

### 23. & 24. Additional Photos

Above photo (23.) shows bicyclist riding against traffic in front of park entrance. Bay 44th Street (24.) has 90-degree angled parking and is the main entrance for the Block Institute.



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### **25. Dreier-Offerman Park II**

Segment Length: 955 feet

Pavement Condition: Good

Sidewalk Width: 11 feet

Driveways: 0

Cross Streets: 0

Photo: Looking north

Issues: The paved sidewalk is 5 feet wide. Note bicyclist riding on sidewalk and the blue pedestrian bridge spanning the parkway.



### **26. Additional Photo - Bicycle**

Looking north on Shore Road South at bicyclist riding against traffic. The park is underutilized and usually vacant, but there are occasions when the park is active.



### **27. Additional Photo - Pinch point**

Looking south where the shared-use sidewalk diverges from Shore Road South and continues on West 22nd Street. The sidewalk is paved at 11 feet wide, but there is a pinch point at the corner stanchion between Dreier-Offerman Park and Six Diamonds Park where the sidewalk is 7 feet wide.

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### **28. Six Diamonds Park**

Segment Length: 1,000 feet

Pavement Condition: Good

Sidewalk Width: 11 feet

Driveways: 0

Cross Streets: 0

Photo: Looking north

Issues: The park and the surrounding area is usually vacant, but there are occasions when the fields are in use.

### **29. Additional Photo - West 22nd Street**

Looking south at the sidewalk along Six Diamonds Park and the back entrance to Home Depot at West 22nd Street.

### **30. Additional Photo - Closed Gateway**

The shared-use sidewalk connects to the existing pathway behind this locked gate. Similar to the Home Depot Pathway, this path is often gated and locked.