

Edgecombe Ave, W170 St, W159 St & W158 St

Bicycle & Pedestrian connections to the High Bridge



Project Issues

High Bridge Access

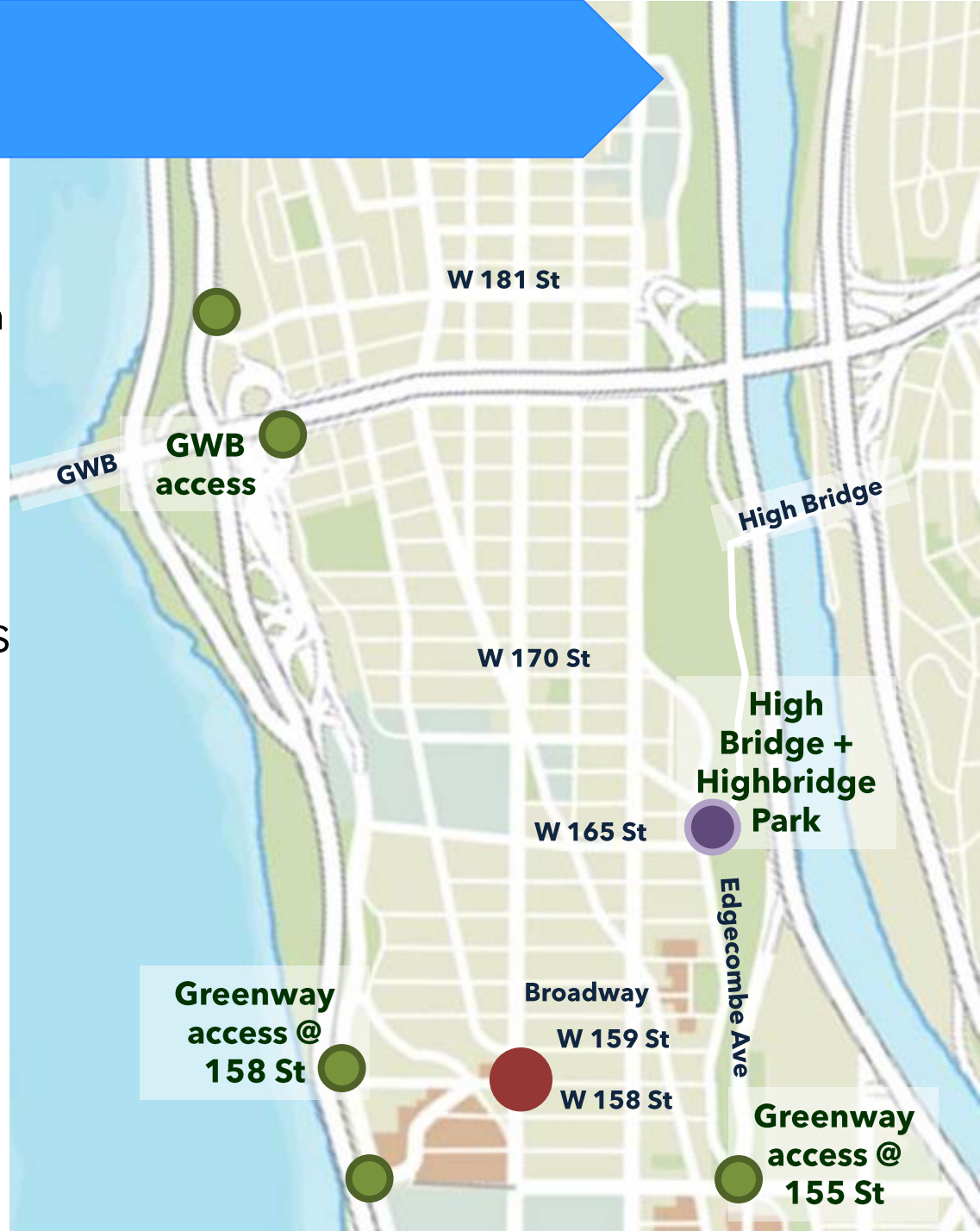
- New walking + cycling connection between Manhattan and the Bronx
- Highbridge Park will see more visitors

Greenway Connections

- But few neighborhood access points

Pedestrian Safety

- Through traffic between bridges and highways creates high-crash location



Proposed Route & Improvements

High Bridge Access

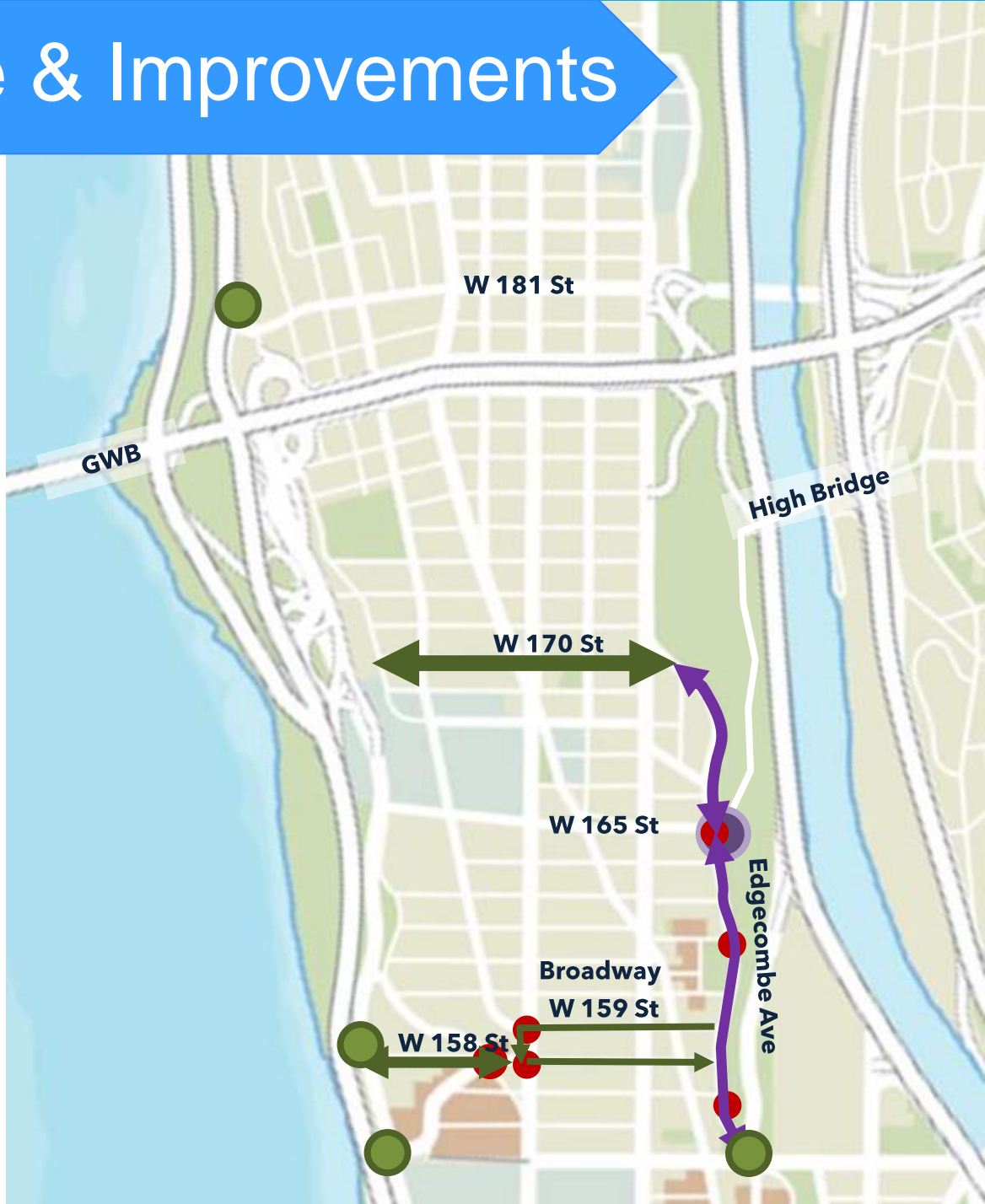
Traffic calming on Edgcombe Ave

Greenway Connections

Bicycle connections to and from High Bridge

Pedestrian Safety

Vision Zero initiative, intersection improvements



High Bridge Access

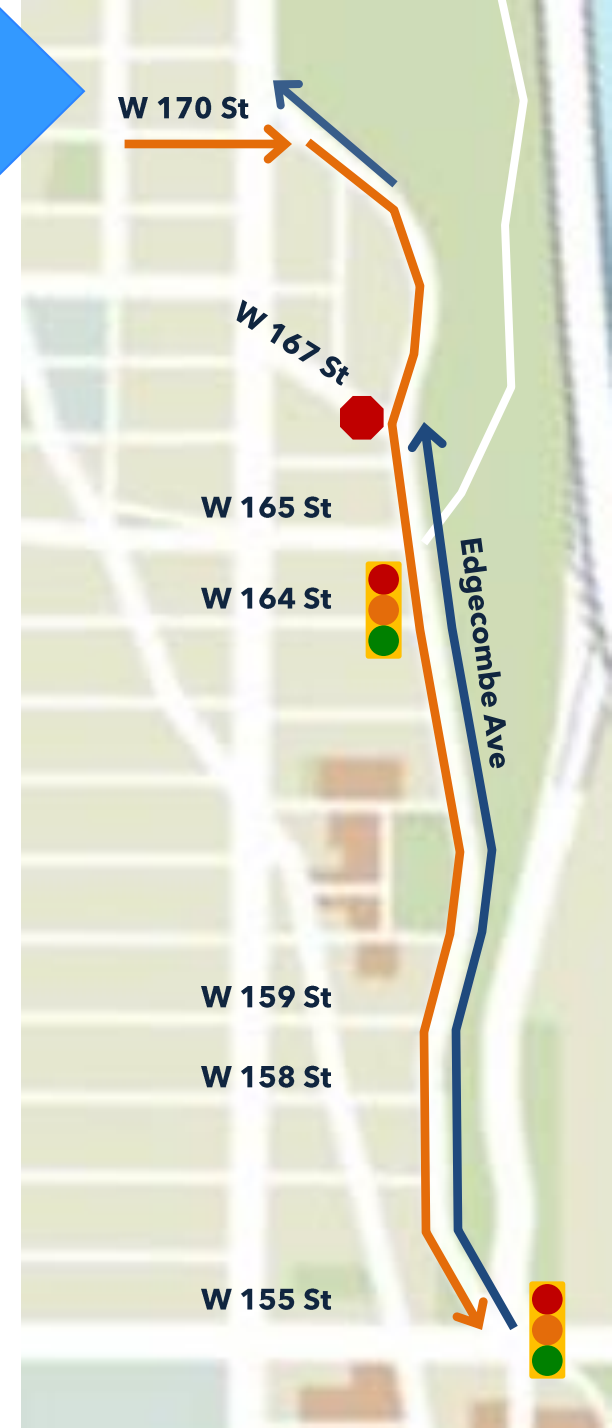
Edgecombe Ave - existing



Wide travel lanes (42' road width) encourage speeding

Limited pedestrian crossings into Highbridge Park

W 165 Street is a primary entrance to High Bridge

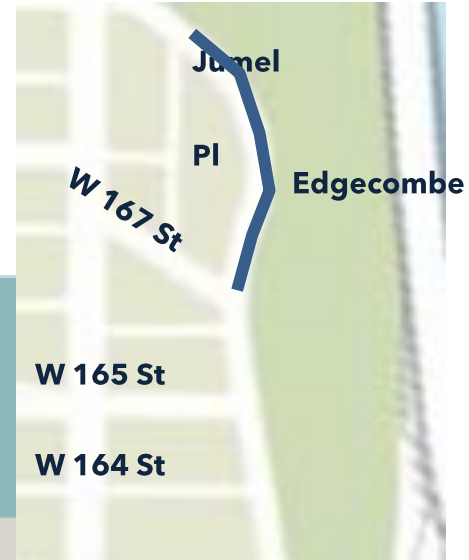
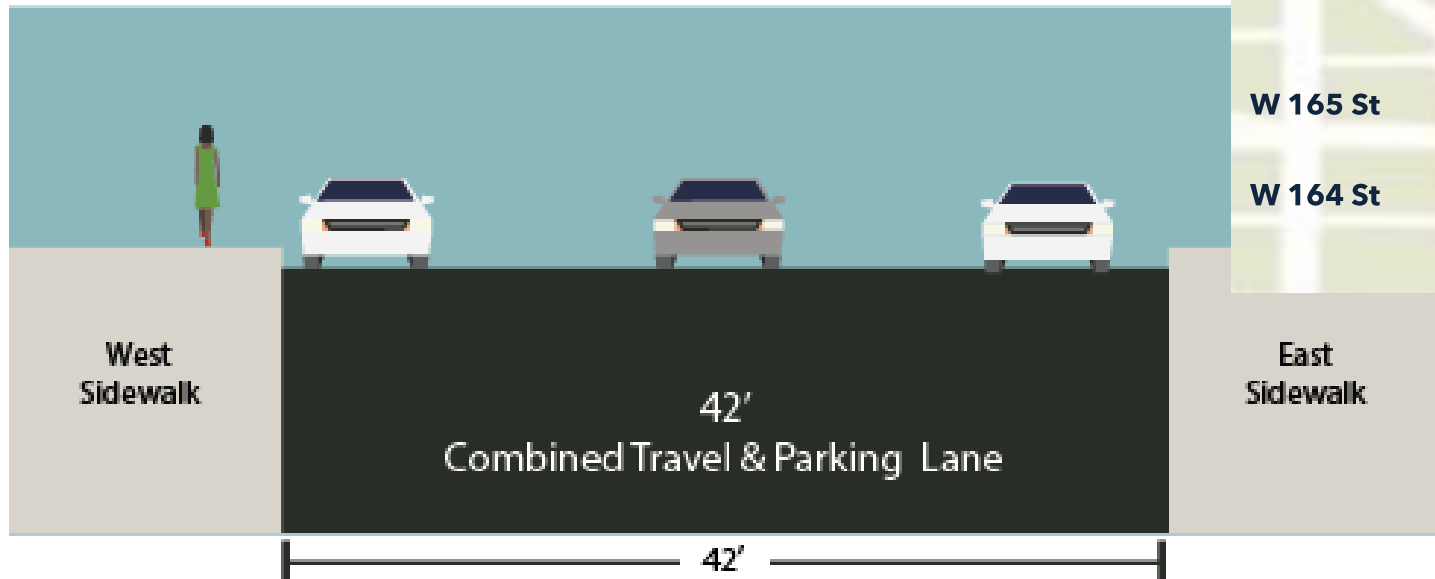


High Bridge Access

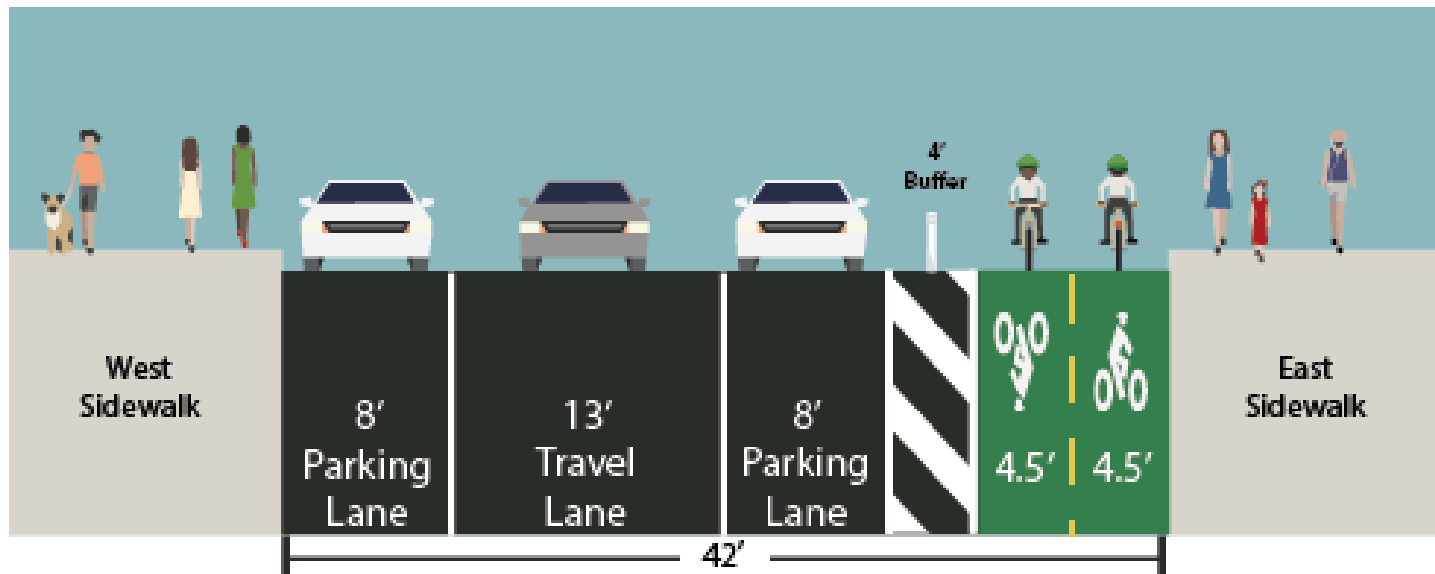
Edgecombe Ave - proposed

One way - Jumel Pl - W 167th St

Existing



Proposed

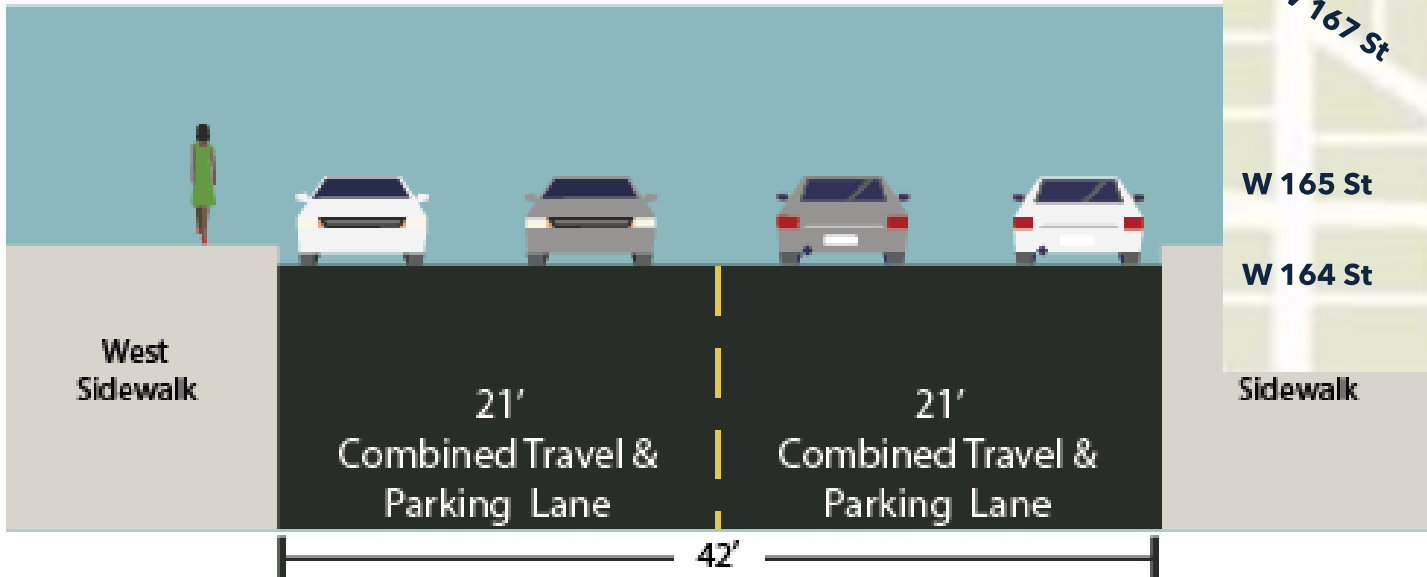


High Bridge Access

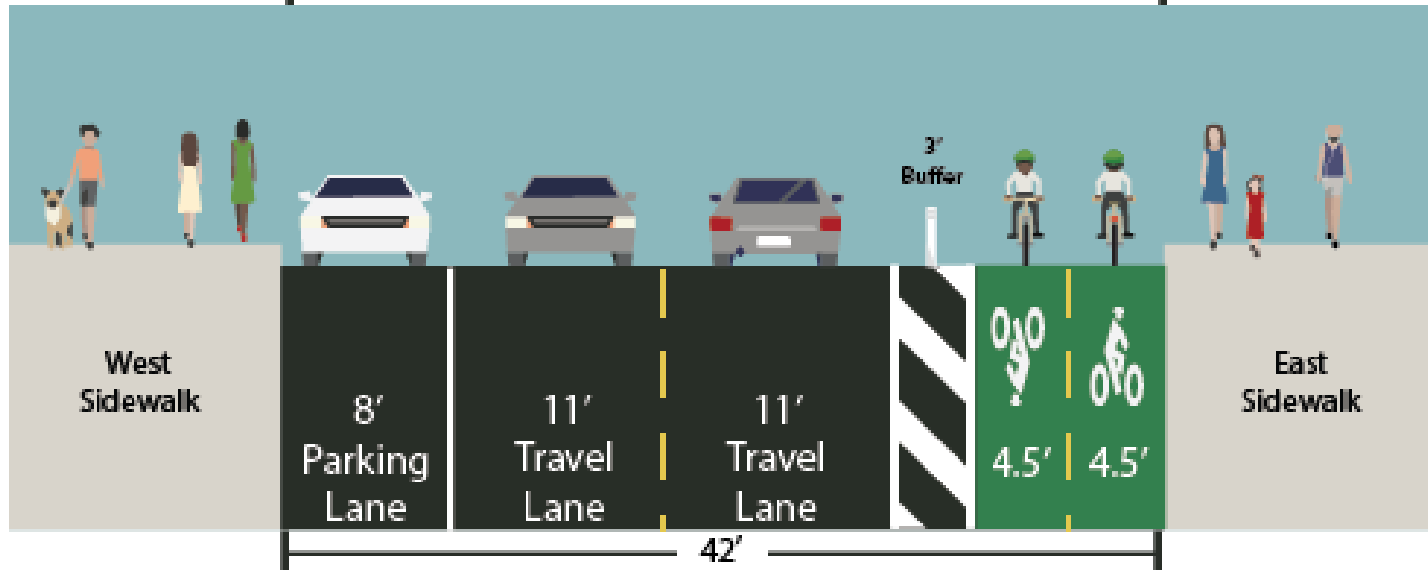
Edgecombe Ave - proposed

Two way - W 170 St -Jumel Pl & W 167 St - W 165 St

Existing



Proposed



High Bridge Access

Edgecombe Ave - proposed

**Proposed precedent:
Prospect Park West,
Brooklyn**

**Parking provides
protection for bike
lanes**

**Bike lanes
adjacent to
park sidewalk**

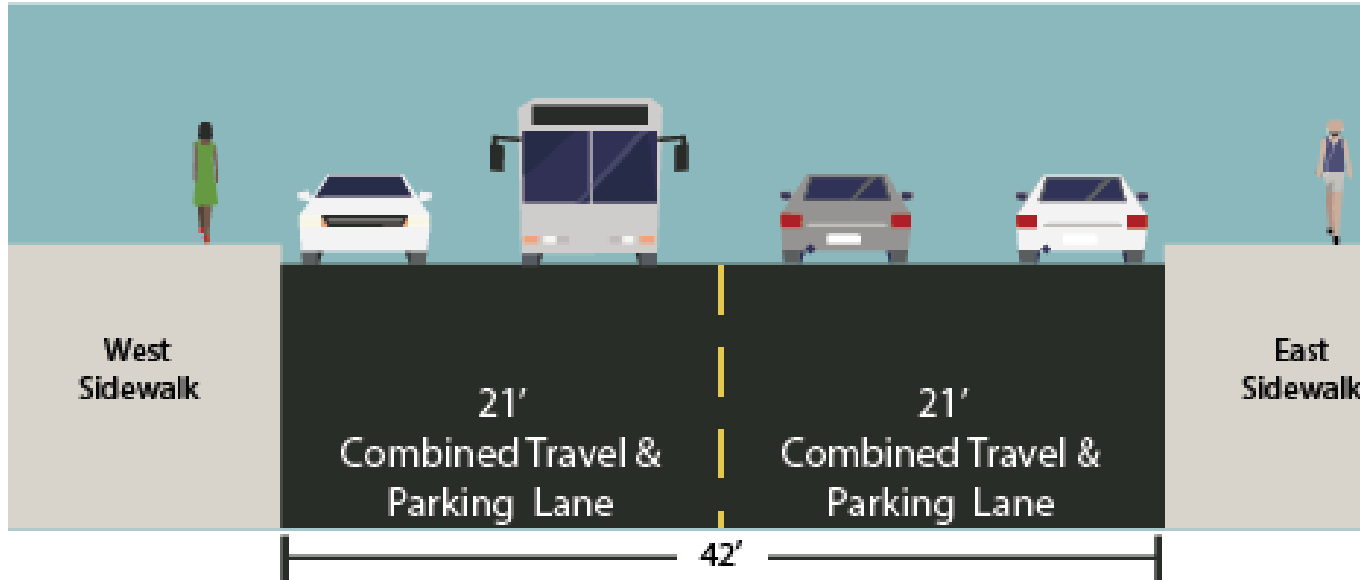


High Bridge Access

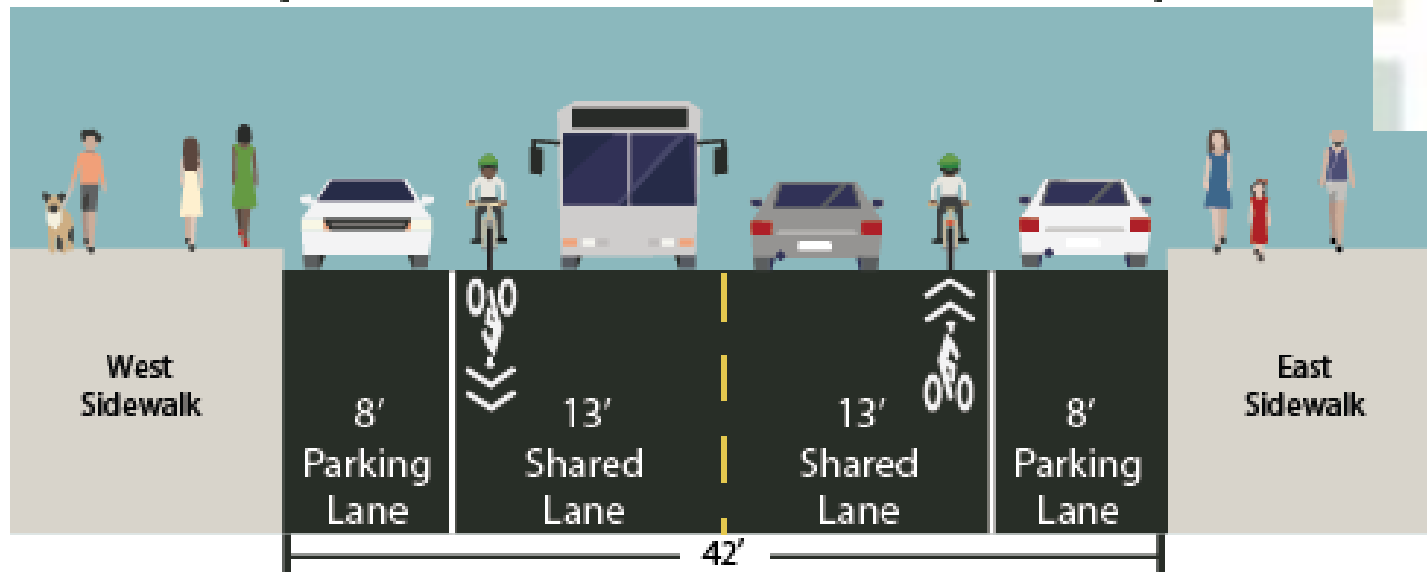
Edgecombe Ave - proposed

Two way - W 165 St - W 155 St

Existing



Proposed



W 165 St

W 164 St

W 159 St

W 158 St

W 155 St

Edgecombe Ave

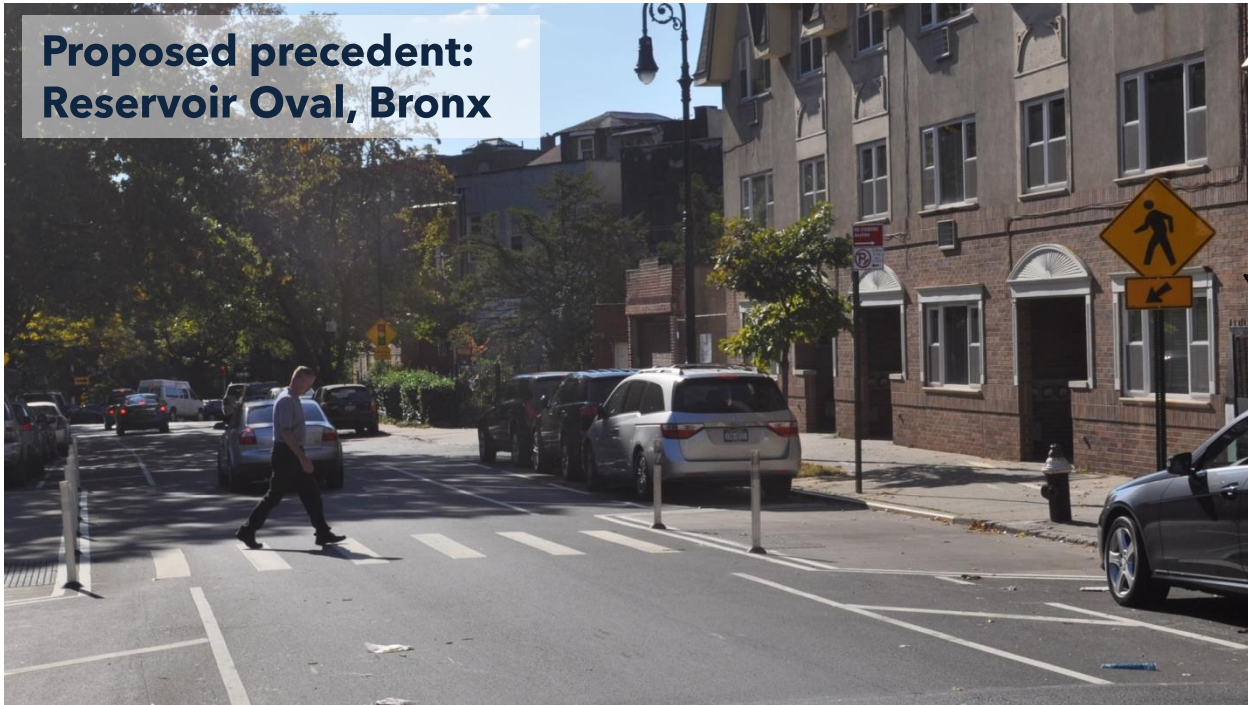
**Narrower lanes
discourage
speeding**

**Shared bicycle
markings
provide
wayfinding for
cyclists**

High Bridge Access

Edgecombe Ave - proposed

**Proposed precedent:
Reservoir Oval, Bronx**

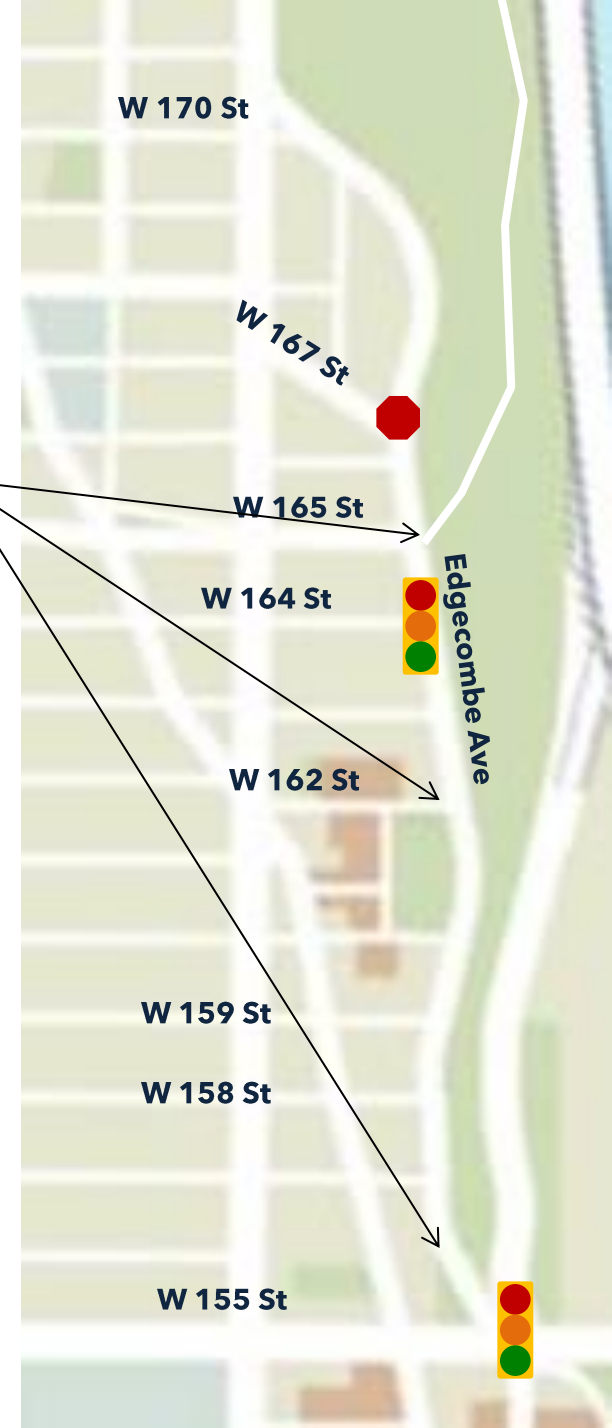


New "Yield to Pedestrian Crosswalks"

W 165 St
Entrance to Highbridge Park

W 162 St
Bus Stop

Between W 157 St - W 155 St
Coogan's Bluff Playground



Greenway Connections

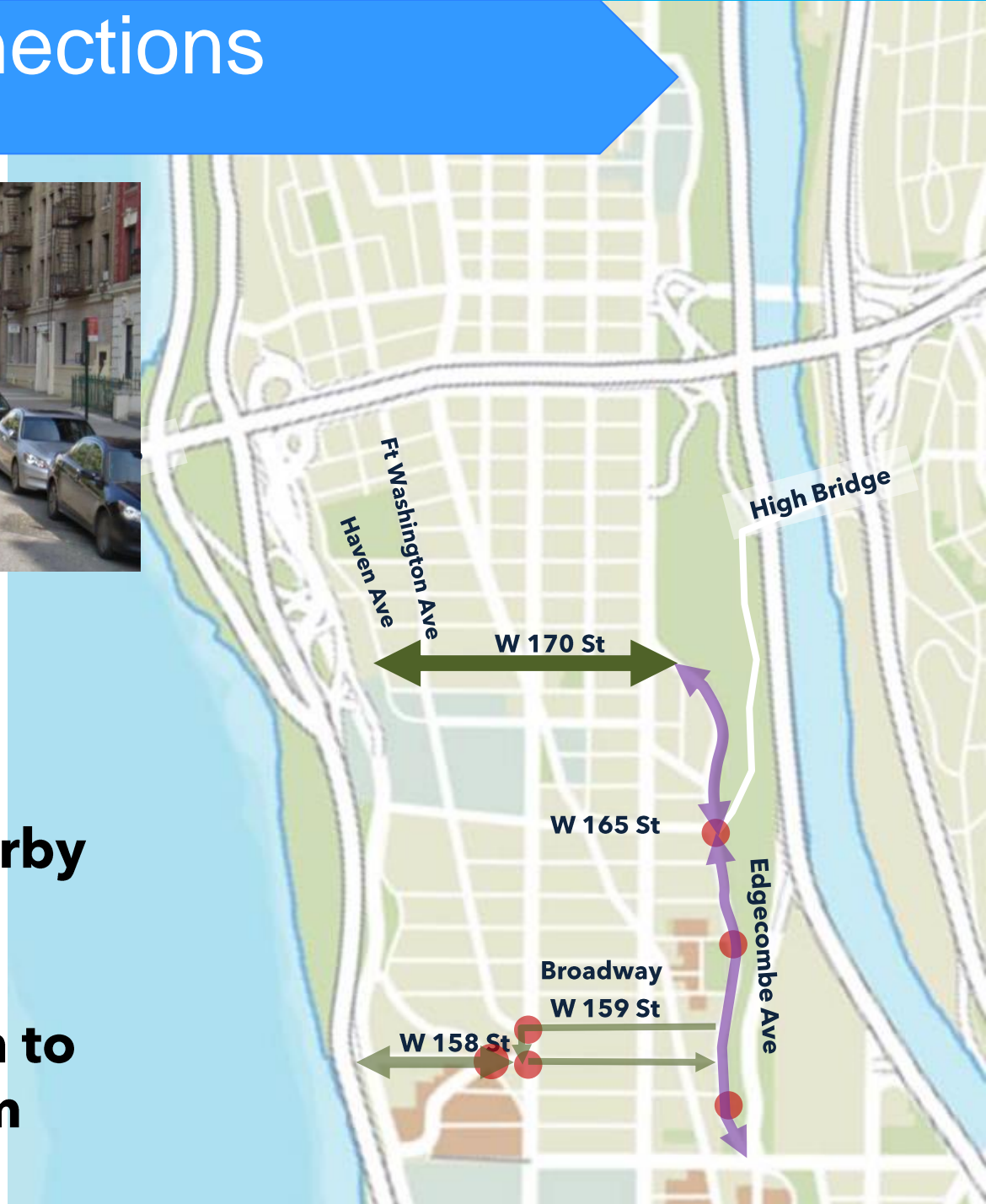
W 170 St- existing



Wide travel lane

**42' one-way,
wider than other nearby
one ways**

**East-west connection to
Highbridge Park from
GWB access**

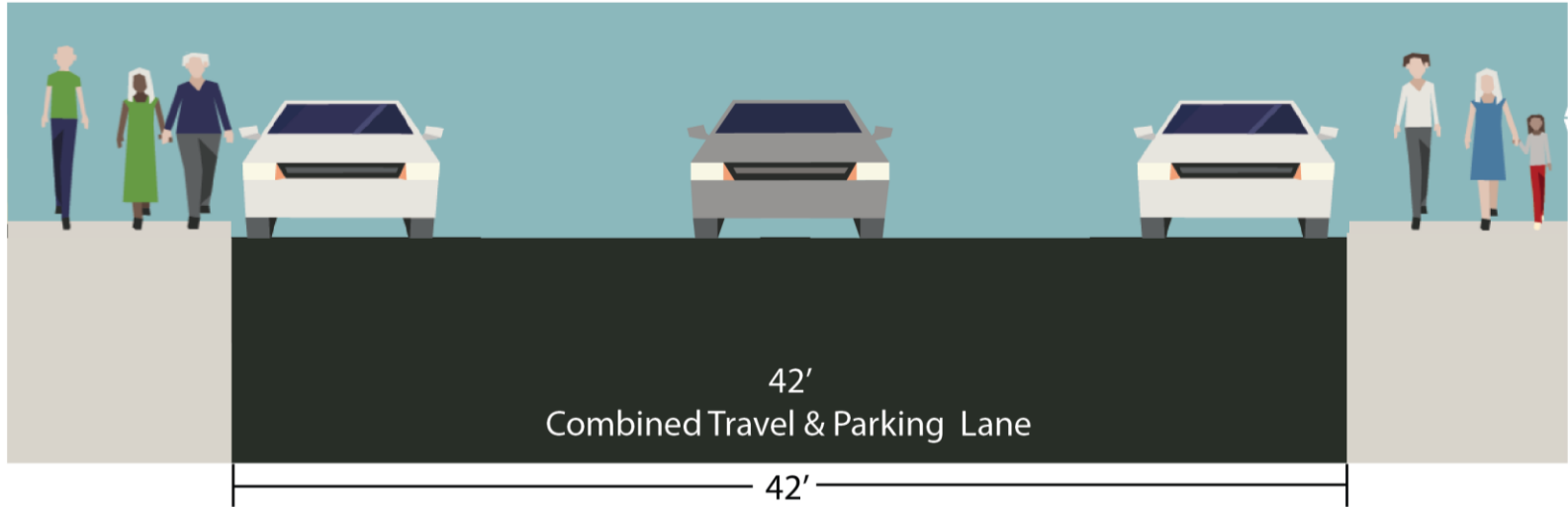


Greenway Connections

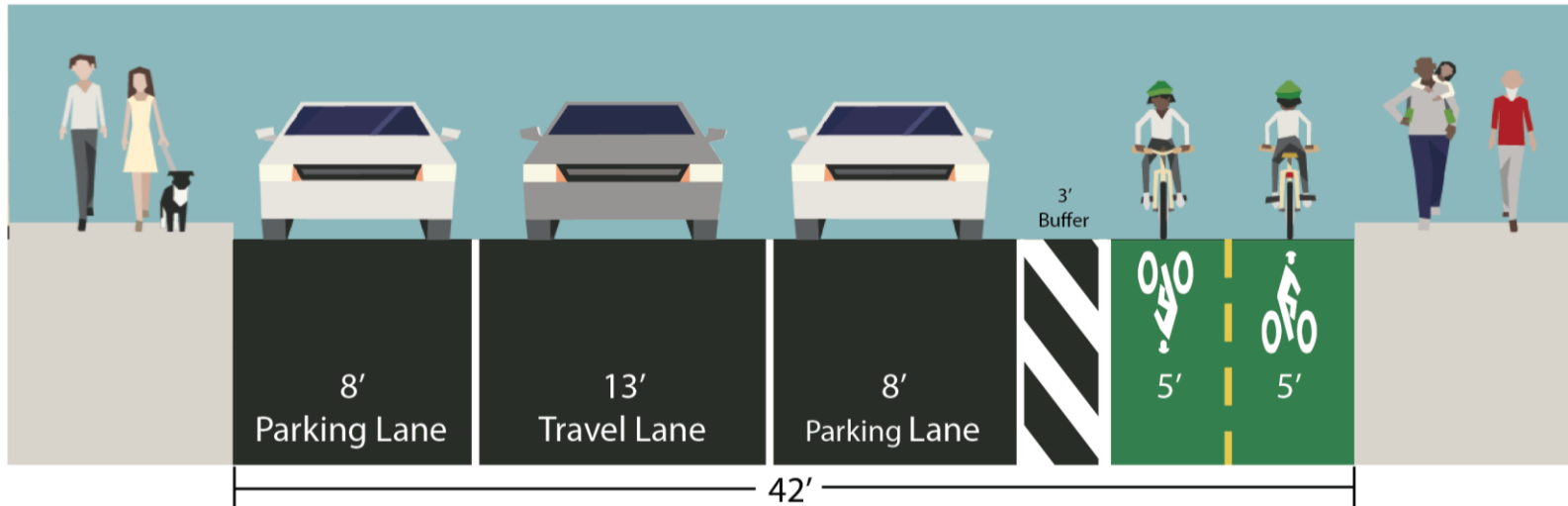
W 170 St- proposed

One way - Edgcombe Ave to Ft Washington Ave

Existing

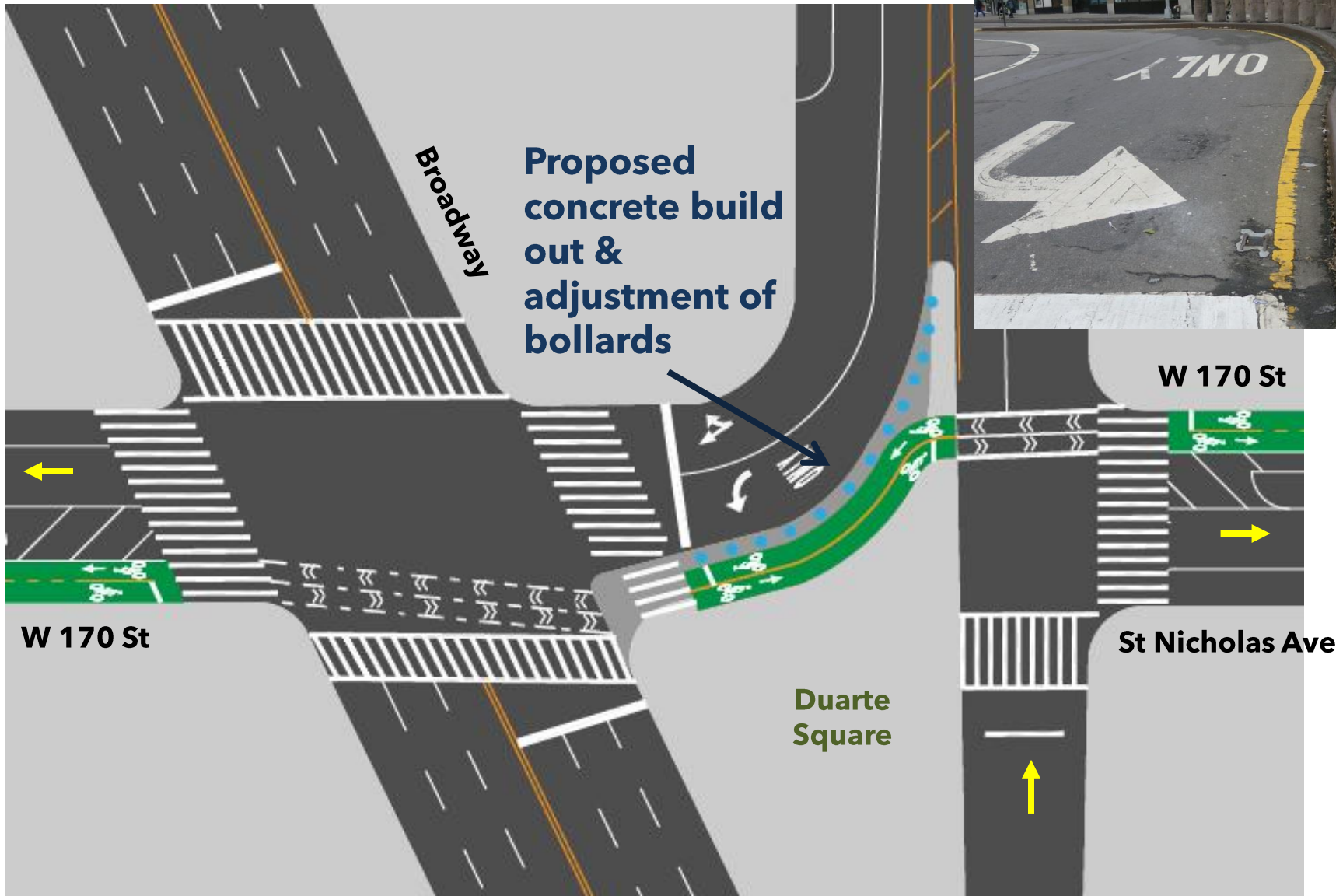


Proposed



Greenway Connections

W 170 St- proposed



Greenway Connections

W 158 St & W 159 St - existing



**East of Broadway
Edgecombe Av to Broadway**

**30' wide, largely residential
East- west pair, local connection**

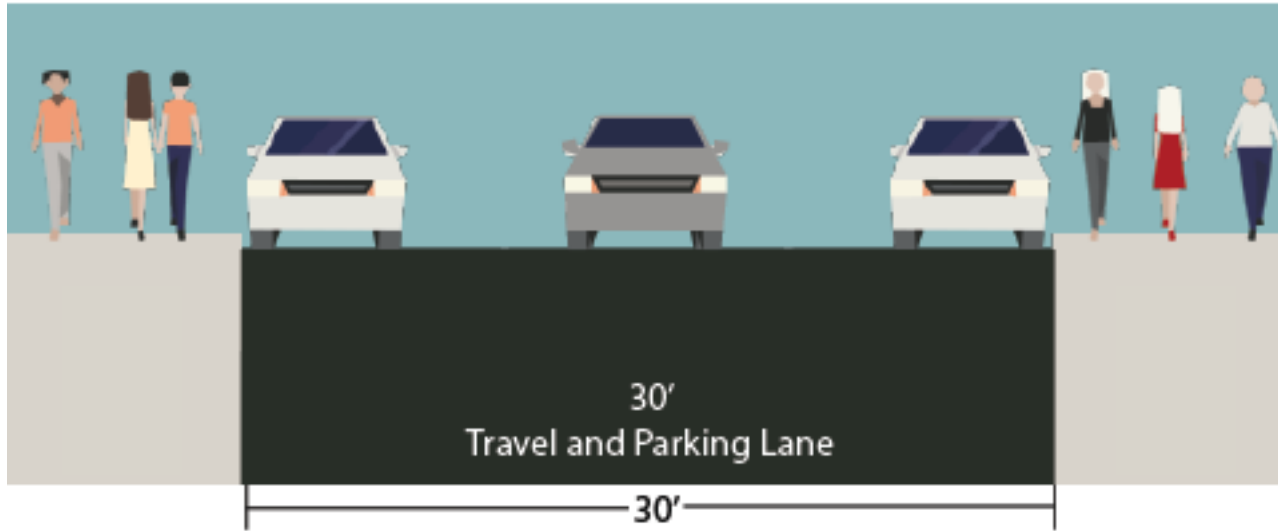


Greenway Connections

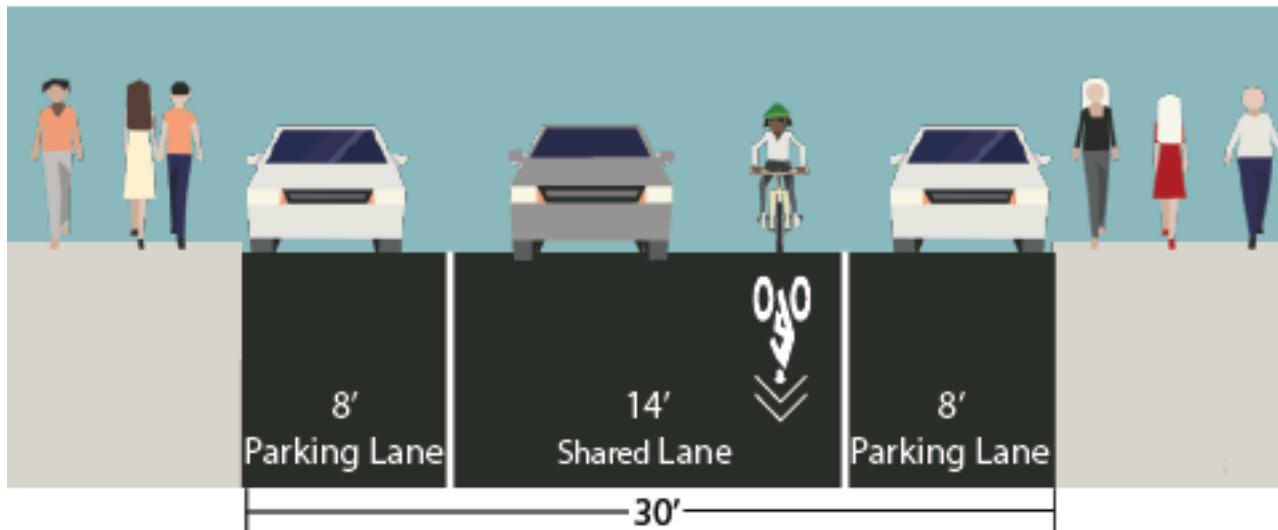
W 158 St & W 159 St - proposed

One way - Edgcombe Ave to Broadway

Existing



Proposed



Greenway Connections

W 158 St & W 159 St - proposed



**Proposed precedent:
Hoyt Street, Brooklyn**

Greenway Connections

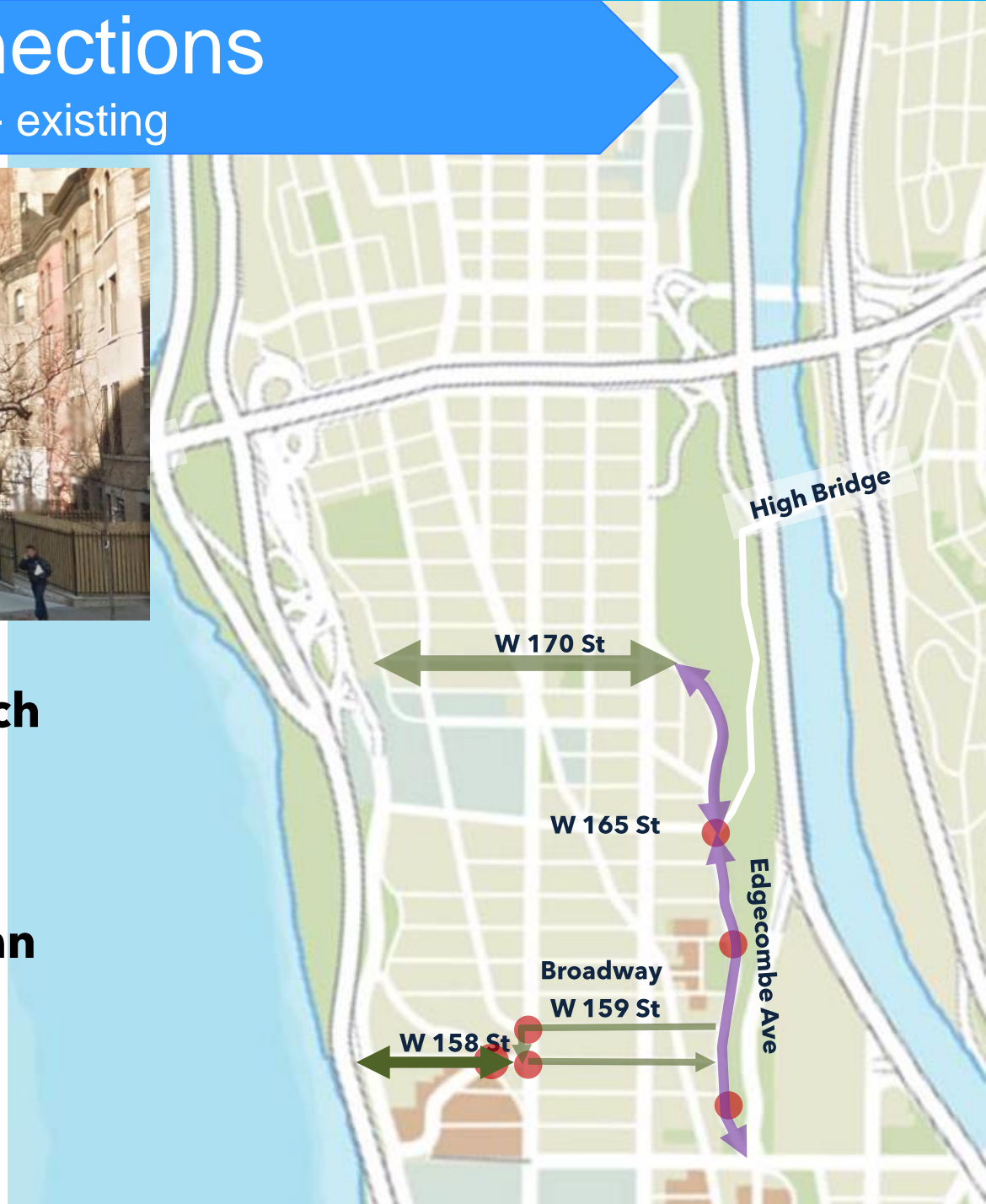
W 158 St west of Broadway - existing



Wide travel lanes: 17' each

No existing parking

**Direct access to Manhattan
Waterfront Greenway**

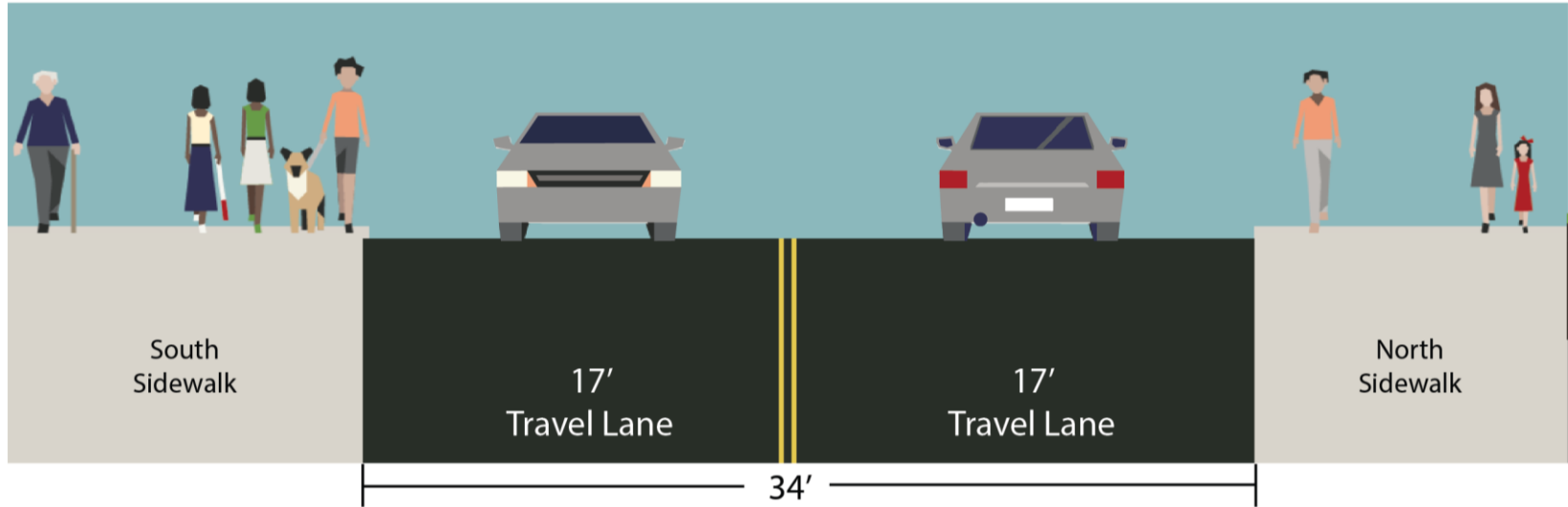


Greenway Connections

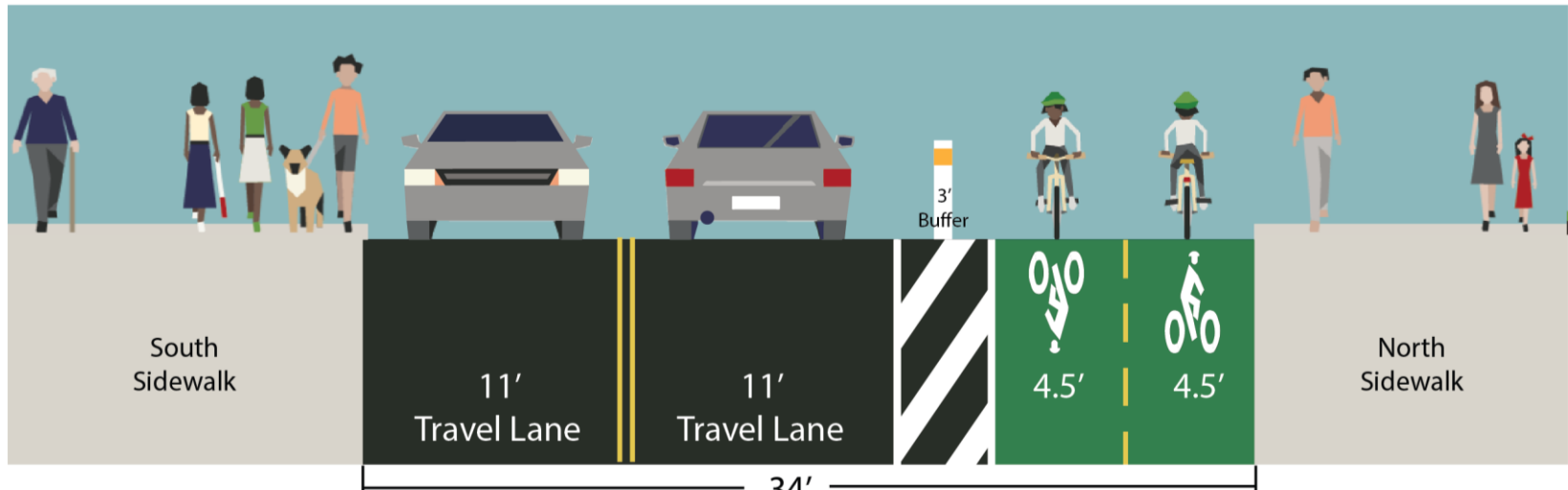
W 158 St west of Broadway - proposed

Two way - Henry Hudson Pkwy to Broadway

Existing



Proposed



Greenway Connections

W 158 St west of Broadway - proposed



**Proposed precedent:
Vernon Blvd, Queens**

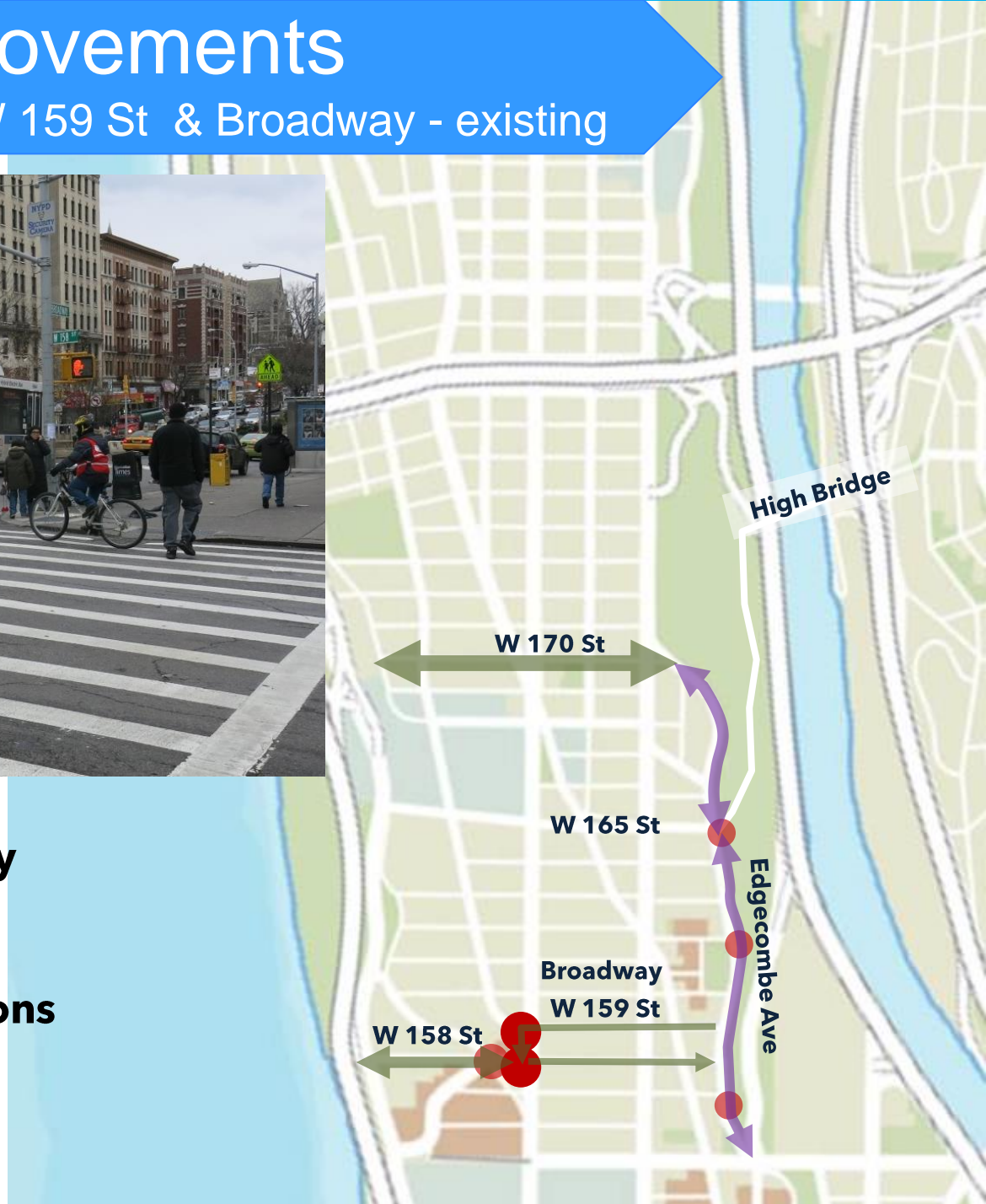
Pedestrian Improvements

W 158 St & Broadway and W 159 St & Broadway - existing



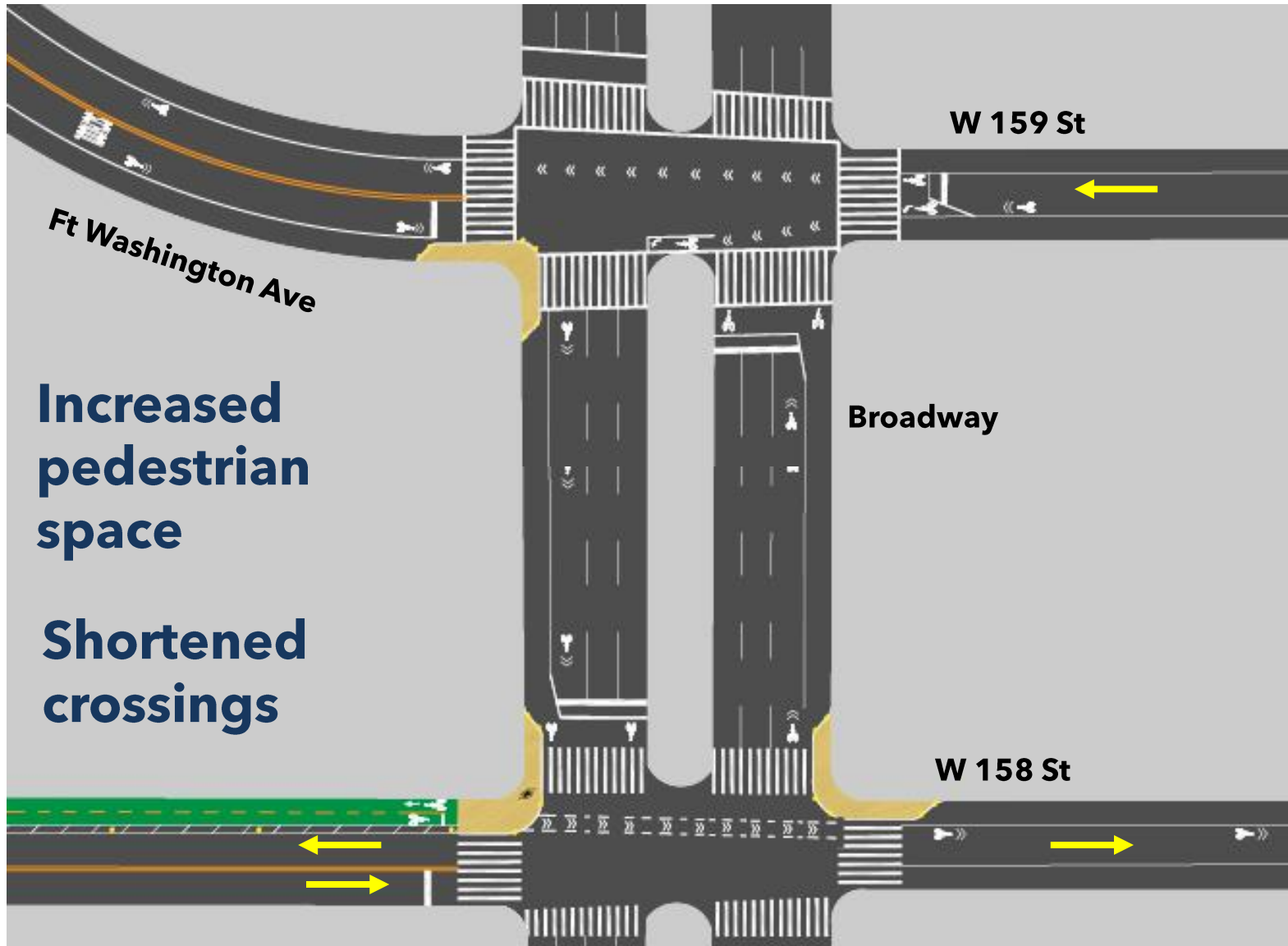
Heavy traffic because of Henry Hudson Parkway access

Vision Zero Priority Intersections



Pedestrian Improvements

W 158 St & Broadway and W 159 St & Broadway - proposed



Pedestrian Improvements

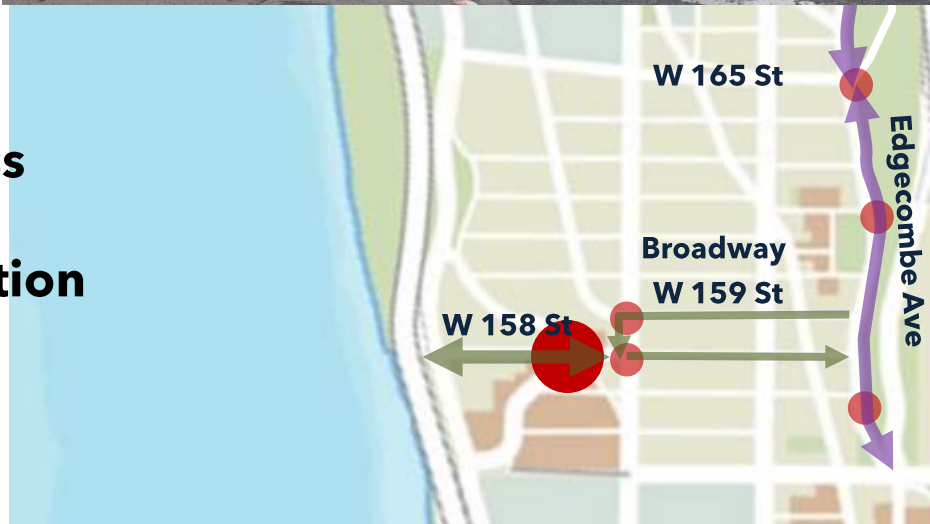
W 158 St, Riverside Dr & Edward Morgan Pl - existing



**Heavy traffic because of
Henry Hudson Parkway access**

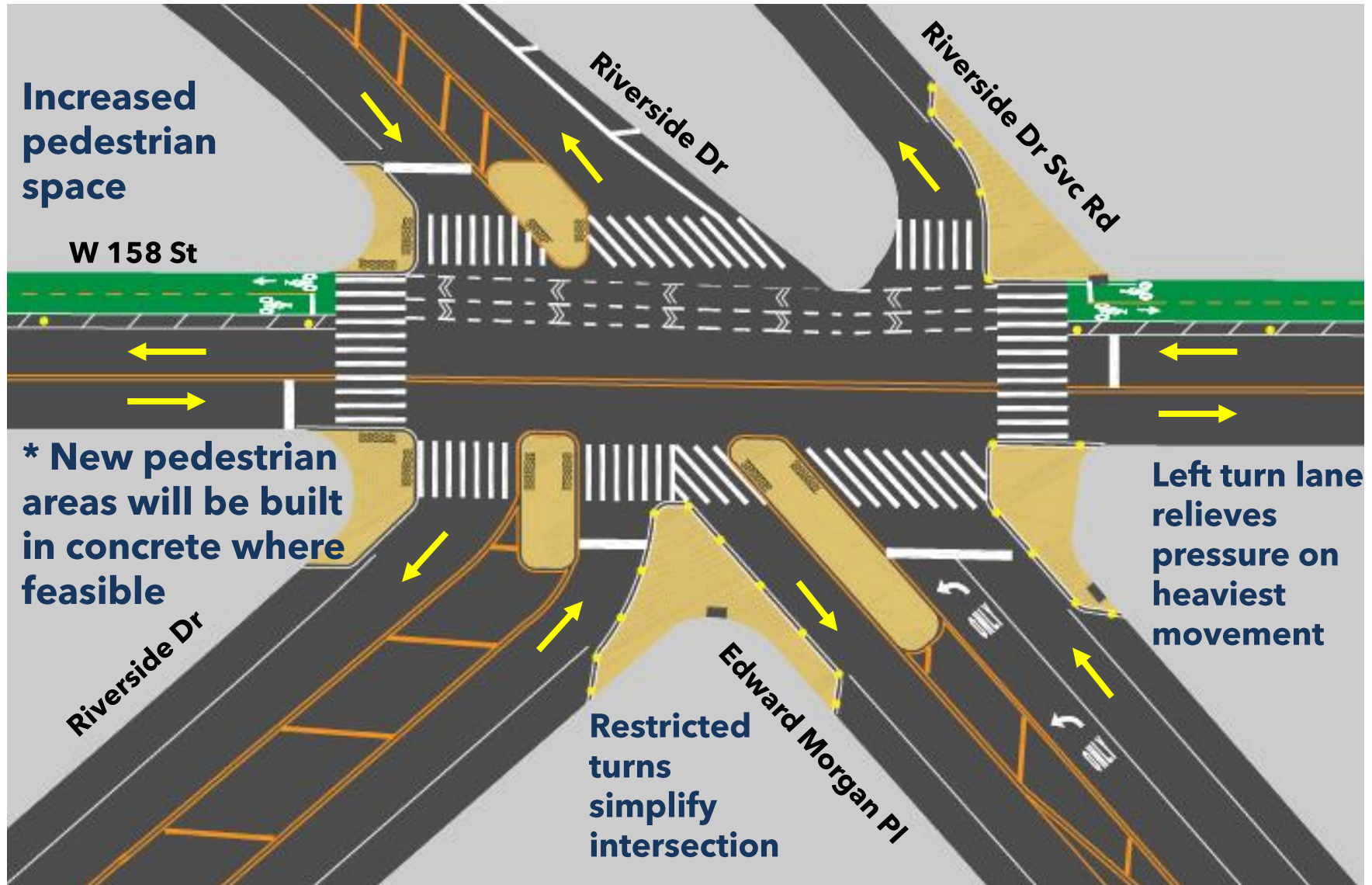
Complicated 6 point intersection

Long, indirect crosswalks



Pedestrian Improvements

W 158 St, Riverside Dr & Edward Morgan Pl - proposed



Pedestrian Improvements

W 158 St, Riverside Dr & Edward Morgan Pl - proposed



**Proposed precedent:
Greenpoint Ave, Brooklyn**

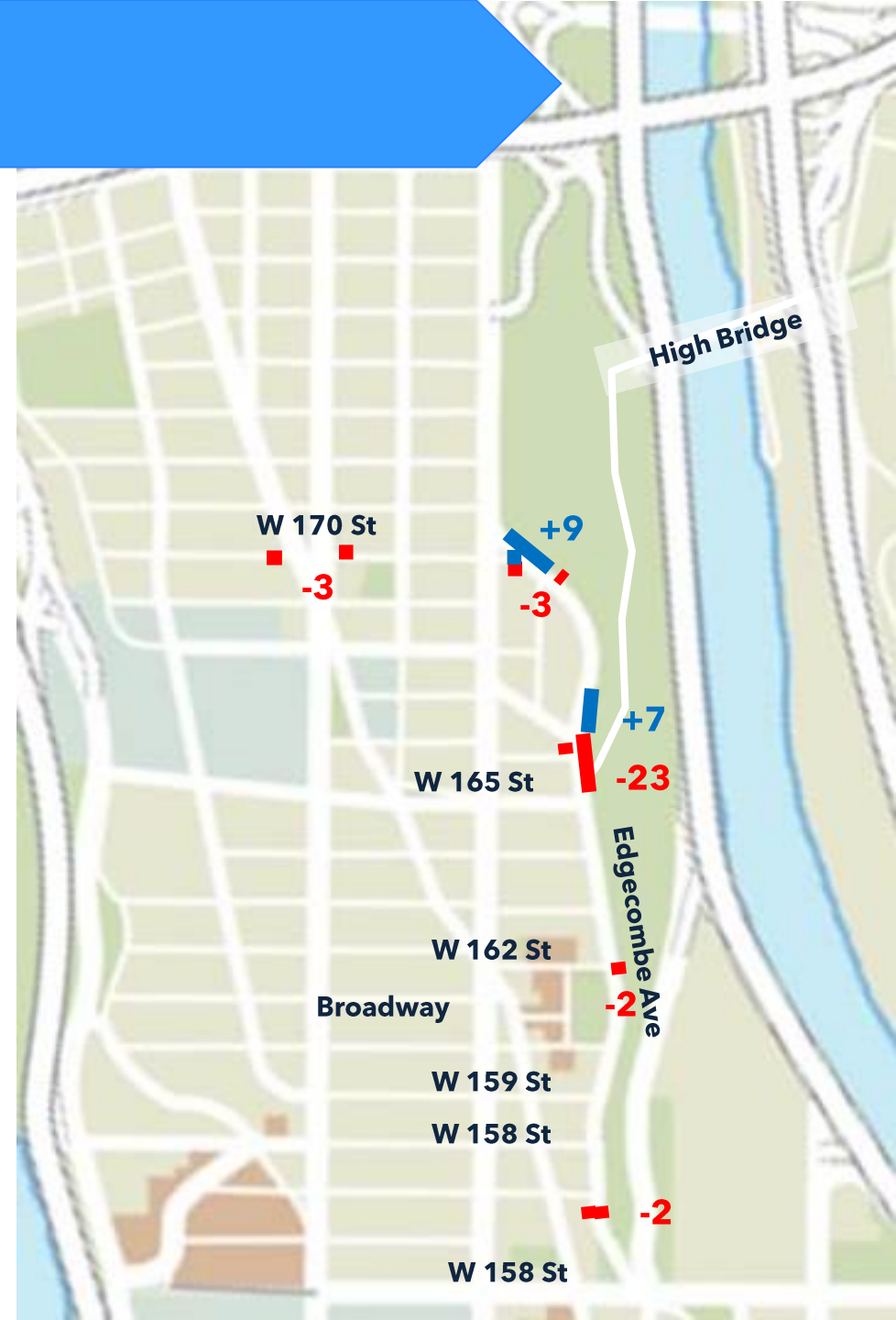
High Bridge Access

Parking adjustments - proposed

Approximate loss of 20 spaces

Parking adjustments allow for

- Visibility at crosswalks
- Increased access at Highbridge Park entrance
- Emergency vehicle access



Project Benefits

Increased visibility and **access** to High Bridge & Highbridge Park

Reduces speeding, calms traffic on Edgecombe Ave

Additional crosswalks on Edgecombe Ave

Safer, shorter existing pedestrian **crossings** on

- Broadway at W 158 St & Broadway at W 159 St
- W 158 St at Riverside Dr & Edward Morgan Pl



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**Thank
You**

