Overview

- Background
- Existing Conditions
- Survey Results
- DOT Tool Kit
- Workshop Activity
Background

- **North of Manhattan College Parkway**
  Broadway is 68’ wide, 2 lanes in each direction

- **South of Manhattan College Parkway**
  Broadway runs underneath the elevated train

- **Interchange with Henry Hudson Parkway**

- **Routes for both NYC & Westchester Buses**
Multiple bus stops along Broadway

Senior Housing in the Area

Van Cortlandt Park is a popular destination in the neighborhood
• 7 fatalities on Broadway
  2008 - 2012

• 2012 DOT Traffic Calming Project
  narrowed the travel lanes between Manhattan College Parkway and Westchester County

• 2015 CM Andrew Cohen Request
  DOT study safety improvements on Broadway for pedestrians and cyclists

Source: NYPD AIS/TAMS Crash Database
Speeding

Average Speed on Broadway
Between Manhattan College Pkw and 251st St

- Northbound: Before (36.2 MPH) vs. After (26.7 MPH) with a decrease of 26%
- Southbound: Before (34.9 MPH) vs. After (27.7 MPH) with a decrease of 20%

Source: Radar speed study taken on July 15, 2010 on Broadway and again on August 28, 2013. Speed limit at the time of both studies was 30 mph.
Results of 2012 Broadway Traffic Calming

- Reduced the total amount of crashes by 7%
- Reduced the total amount of crashes with injuries by 12%
- Reduced total pedestrian injuries by 48%
- Two fatalities occurred (2014 and 2015) after the traffic calming

Source: NYPD AIS/TAMS Crash Database
Crash Data
2010-2014

Broadway still ranks in the top third of Bronx Corridors with 8.1 people killed or severely injured per mile (including 6.7 pedestrians killed or severely injured) per mile.

Source: NYPD AIS/TAMS Crash Database
Existing Conditions
Long Distances Between Signalized Crossings

Only 10 signalized intersections along the entire 1.5 mile corridor

Broadway at W 256 St
Existing Conditions
Long Diagonal Pedestrian Crossings

120’ Crossing

Broadway at Mosholu Avenue
Existing Conditions
Henry Hudson Parkway Interchange

Long Distances to Cross at Entrances and Exits

Broadway at W Lakeview Ave
Existing Conditions
Double Parking

Park Usage Results in Double Parking

Broadway at W 251st St on Monday 9/28 at 4pm

Broadway at W 251st St on Saturday 9/26 at 11am
Public Engagement
Survey

DOT Street Ambassadors surveyed 456 people about their usage of Broadway

42% of respondents accessed Van Cortlandt Park by foot

An additional 41% accessed Van Cortlandt Park by bus or subway
58% of respondents would go to the park more often if it were easier to cross Broadway.

Speeding is the biggest concern of survey respondents.
Public Engagement
Bicycle Lanes

“You always have to be alert when you’re a pedestrian on Broadway. It’s very hostile. I’d like there to be bike lanes to keep cyclists off the sidewalk.”

“I don’t bike in the City, but I would if there were better lanes going to and from the park.”

“Reckless driving in general is an issue. I would like to bike around here, especially if there was a protected bike lane on Broadway along the park.”

“Add more bike lanes!”
Rapid Response Tool Kit

- Pavement markings
- Signals
- Concrete
- New signage
- Painted and/or textured surfaces
- Flexible delineators

Refuge Island, Chrystie St, Manhattan
Rapid Response Tool Kit

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Concrete Extension, Jewel Ave & 69th Rd, Queens

Ramp Crossing, Pelham Parkway, Bronx

Protected Bike Lane, Prospect Park West, Brooklyn
Mapping Activity

- Activity 1 – Identifying Important Places
- Activity 2 – Identifying the Problem Spots
- Activity 3 – Identifying Potential Solutions
Questions?

Thank You