Sheepshead Bay Road
Corridor Safety Improvements

New York City Department of Transportation
Presented by the Office of Research, Implementation and Safety
Brooklyn Community Board 15 on Tuesday, June 16th
Project Location

- Busy commercial area
- Sheepshead Bay Rd (B, Q) express subway stop
- Multiple bus lines (B4, B36, B49)
  - Over 5,000 average subway to bus transfers
  - One of the largest intermodal transfer points in Brooklyn
- Within Kingsbridge Senior Area
Vision Zero Priority Corridors

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough
  - **Avenue Z** & **E 15th St** identified as a Priority Corridors for Brooklyn
Safety Data: Project Need

- **2009-13:**
  - 7 KSI (persons killed or severely injured)
  - 74 total injuries
- **1 Pedestrian Fatality on Avenue Z in 2008**
Existing Conditions- Sheepshead Bay Rd

- Narrow roadway with two-way traffic and numerous buses
- Heavy pedestrian volumes, commercial activity
- Taxis parking in crosswalk create visibility problems for pedestrians exiting the subway station
- Poor traffic circulation; head on condition at E 15th St
- Truck Loading / Unloading
Safety Data: Project Need

- NYPD Crash Data shows conflict points for pedestrians and vehicles
Current Bus Routing Issues

- B36 Bus makes multiple turns through busy intersections
Circulation Issues

- Narrow roadway & conflicting turns
- Pedestrian desire line
- Head on condition
- Taxis blocking crosswalk and travel lane
Existing and Proposed Design

Existing

Proposed
Proposal: One-Way Conversion

- Convert Sheepshead Bay Rd to One-Way Eastbound between E 15th St & Jerome Ave
- Continue consistent eastbound direction from Avenue Z
- Shift northbound traffic to Jerome Ave / E 17th St instead of E 15th St
Proposal Details

- Add crosswalk
- Install parking lane stripe on Avenue Z
- Construct new pedestrian safety island in existing channelization
Proposal Details

- Move Bus Stop to Avenue Z
- Close E 15th St to create safe and easy bus to subway transfers
- Expand crosswalk under elevated track
- Request for Taxi Stand submitted by CB 15
- Create Taxi Stand in former Bus Stop
Proposal Details

- Maintain 2-way traffic south of Jerome Ave
- Convert Sheepshead Bay Rd to one-way eastbound
- Construct new pedestrian safety island
- Close Jerome Ave slip; potential public space (maintenance partner required)
- Maintain 2-way traffic south of Jerome Ave
Proposed Bus Routing: B36

Eliminating turning movements and avoiding congested areas is expected to improve on-time service and make travel times more consistent.
Proposal Details: Overall Parking Gain

OVERALL: Add 15 spaces
Net Gain of 7 Spaces

- 8 spaces for bus stop reloation

Create Taxi Stand in former Bus Stop

Add parking on both sides of Sheepshead Bay Rd
Public Space Options

Numerous options for activating new public space:

Near Term Options
- Public Art
- Art Display cases
- Automatic Public Toilet

Future Options
(Maintenance Partner Required)
- Public Plaza
- Concessions
- Farmers Markets
Project Benefits

- Provides shorter, safer pedestrian crossings
- Simplifies dangerous intersections for pedestrians and motor vehicles
- Allows B36 bus to move more safely and efficiently
- Improves traffic circulation in busy commercial area, creates new parking
- Creates over 8,000 sq ft of new public space, with opportunities for public art and programing

Existing: Sheepshead Bay Rd at E 14\textsuperscript{th} St / Ave Z

Proposed: Bushwick Ave and Stanwix Ave
Questions?

Contact: DOT Brooklyn Borough Office at (646) 892-1350

Thank You