Edward L Grant Highway
Safety Improvements

Spring 2014

Commissioner Polly Trottenberg
New York City Department of Transportation
Presented to Bronx Community Board 4 Municipal Services Committee on April 2, 2014
Agenda

- Project background
- Existing conditions
- Design goals
- Proposed design
- Schedule
• New York City’s commitment to improve street safety in every neighborhood and in every borough

• **NYCDOT Action:** develop street designs and configurations that improve safety
Existing Conditions - Pedestrians

- High pedestrian volumes near Washington Bridge
- Long pedestrian crossings
- Lack of amenities at bus stops (shelters, seating)
Existing Conditions - Pedestrians

- High pedestrian volumes near Washington Bridge
- **Long pedestrian crossings**
- Lack of amenities at bus stops (shelters, seating)
Existing Conditions - Pedestrians

- Long pedestrian crossings
- High pedestrian volumes near Washington Bridge
- **Lack of amenities at bus stops (shelters, seating)**
Existing Conditions - Traffic

- **High crash corridor (top 10%)**
- Over 30 buses / hour must cross three lanes of traffic to make left-turn onto Bridge
- Poor curb alignment at the Bx35 bus stop

2008-2012
Motorist Injuries
Pedestrian Injuries
High crash corridor (top 10%)

Over 30 buses / hour must cross three lanes of traffic to make left-turn onto Bridge

Poor curb alignment at the Bx35 bus stop
Existing Conditions - Traffic

- High crash corridor (top 10%)
- Over 30 buses / hour must cross three lanes of traffic to make left-turn onto bridge
- Poor curb alignment at the Bx35 bus stop
Design goals

1. Improve pedestrian safety and circulation
2. Reduce conflicts between buses and general traffic approaching the Washington Bridge
3. Improve bus stop conditions
Proposed

High-Visibility Crosswalks

Painted Pedestrian Refuge Island

Realigned left-turn lane
Proposed

- High-Visibility Crosswalks
- Painted Pedestrian Refuge Island
- Realigned left-turn lane

Adam Clayton Powell, Manhattan

4th Avenue, Brooklyn
Proposed

- Updated Bike Markings
- Sidewalk Extensions
- Bus Shelter
- Bus Boarding Island
- Bus Lane
Proposed

- Updated Bike Markings
- Sidewalk Extensions
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White Plains Rd / E Gun Hill Rd, Bronx
Proposed

- High-Visibility Crosswalk
- Bus Lane
1. Pedestrian Safety
   - Painted pedestrian refuge island
   - High-visibility crosswalks
   - Shortened crossing distances

2. Traffic Safety
   - Eliminated 3-lane merge to get on Bridge
   - Bus boarding island with bus lane

3. Bus Stop Conditions
   - Realigned curb at the Bx35 bus stop
   - New bus shelter and seating at bus stops
Schedule

**Spring 2014**
- Present to Community Board
- Revise Design Plans

**Summer 2014**
- Finalize Design Plans
- Start Construction (late summer)

**Fall 2014**
- Complete Construction
Questions or comments?
Contact the DOT Bronx Borough Office at 212-748-6680 or at KKalb@dot.nyc.gov