Background

- Identify existing and future traffic related problems and deficiencies
- Reevaluate and augment safety and operational improvements proposed in the November 2004 *Baseline Transportation Assessment For Sherman Creek*
- Reformulate recommendations based on additional data and new findings to serve as a basis for *Preliminary Design and Investigation (PDI)* reports for selected identified locations
Study Area

- 218th St to the north, 9th Ave to the east, Hillside Ave to the south, and Broadway to the west
Key Locations

Legend

- Yellow Circle: High Accident Location
- Red Arrow: Congested Location
LOS Summary – 2034 No Build AM Peak Hour

Legend

Movement with LOS E
Movement with LOS F
LOS Summary – 2034 No Build Midday Peak Hour

Legend
- Movement with LOS E
- Movement with LOS F
LOS Summary – 2034 No Build PM Peak Hour

Legend

- Movement with LOS E
- Movement with LOS F
LOS Summary – 2034 No Build Saturday Midday Peak Hour
Congested Corridor - 207th Street
AM Peak Period
Congested Corridor - 207th Street
PM Peak Period
207th St between 9th Ave and 10th Ave

Westbound 207th St at 9th Ave

Eastbound/westbound 207th St at 9th Ave

Westbound 207th St at 10th Ave

Northbound/southbound 10th Ave at 207th St
Public Transit

- Four Bus Lines along 204\textsuperscript{th} St, 207\textsuperscript{th} St, & Broadway (BX7, BX12, BX20, and M100)
- Two Subway Lines (A and 1)
High Accident Corridor - Dyckman St
Three-Year (2005-2007) Pedestrian/Bicycle Injuries
Dyckman St at Broadway & Riverside Dr

Westbound Vehicles splitting to westbound Dyckman St and Riverside Dr

Northbound/southbound Broadway left-turns at Dyckman St/ Riverside Dr

Northbound/southbound Broadway turn movements at Dyckman St/ Riverside Dr

High pedestrians on east crosswalks of Dyckman St / Broadway
Dyckman St Corridor Double Parking & Loading issues
Dyckman Street at Nagle/Hillside/Fort George

Conflicts between pedestrians and vehicle on Fort George Hill

Conflicts between pedestrians and westbound left turn vehicle on Nagle Ave and Dyckman St

Conflicts between pedestrians and vehicle on the merge between Hillside Ave and Nagle Ave

Eastbound Queues on Dyckman St approaching Nagle Ave
Dyckman at 10th Ave & Harlem River Drive

No direct crosswalk across Dyckman St at 10th Ave between residential development and park

Northbound 10th Ave from Harlem River Drive

Southbound 10th Ave to Harlem River Drive across Dyckman St

Eastbound Dyckman St to Harlem River Drive
Consultant’s Proposed Improvements
Accident Diagram and Proposed Improvement
- 201st St and 10th Ave -

1. Reconstruction of North curb to eliminate un-used pavement
2. High visibility crosswalk
Accident Diagram and Proposed Improvement
- 207th St and 10th Ave -

1. Pavement marking
2. Signal timing modification
Accident Diagram and Proposed Improvement
- Dyckman St & Nagle Ave & Ft. George Hill -

1. Curb reconstruction
2. Pavement marking
Accident Diagram and Proposed Improvement
- Broadway & Sherman Ave -

Current Configuration

Proposed Configuration

1. Curb extension on South side
2. Redesign of high visibility crosswalks
3. Signal timing modification
1. NB/SB left-turn lanes with parking removal
2. Signal timing modification
Accident Diagram and Proposed Improvement
- Broadway & Nagle Ave & Hillside Ave -

**Current Configuration**

1. Curb extension on South side
2. High visibility crosswalk
3. Pavement marking

**Proposed Configuration**
Proposed Improvement
- 218th St & Broadway & 10th Ave -

1. EB left-turn lane w parking removal
2. Signal timing modification
Proposed Improvement
- 207th St & 9th Ave -

1. Additional lanes for WB movements
2. Driveway closure
3. Pavement marking
Next Steps

➢ Continuing Discussions with CB 12

➢ Updates of Proposed Improvements

➢ Request for Resolution of Support

➢ Implementation Schedule