Agenda

- Introduction
- Project Goals and Objectives
- Review of Existing Conditions
- Future Development
- Improvement Options
- Questions and Discussion
Goal #1

- Maximize Effectiveness of the Study Area’s Surface Transit Network to Provide Improved Access and Mobility

Objective

- Increase Quality of Transit Service Options
Project Goals and Objectives

Goal #2

- Provide Transit Connectivity Throughout the Study Area

Objective

- Increase Transit Connectivity to All Significant Trip Generators Throughout the Study Area
Goal #3

- Support the Economic Health of The Study Area

Objective

- Increase Economic Attractiveness of Commercial- and Tourism-Based Land Uses
Current Project Status

- Surveys Completed
- Existing and Future Conditions Report
- Development of Alternatives – In Process
- Public Involvement
Project Approach

- Over 1,000 Survey, Focus Group and Stakeholder Interviews and/or Meetings
- Team Conducted Analysis of Ridership, Stop Locations, Existing Data on Traffic/Congestion Issues, Bus Service And Operations
- Steering Committee and Stakeholder Committee Reviews and Meetings
- Public Input
Existing Conditions: Problems Identified

- Parking Enforcement Issues
- Traffic Congestion and Bus Reliability
- Passenger Experience
- Fare Collection
- Pedestrian Issues
- Planning for Growth
Future Conditions

- Most Growth will Occur in Downtown Core Area
- New Growth in Fulton Ferry/Dumbo/Vinegar Hill
- More Than 13,000 New Residential Units and 2 Million Sq. Feet Additional Retail/Commercial Planned for 2015
- Daily Bus Ridership Expected to Increase by More Than 6,000 Passengers In Five Years
Future Development: Total Square Feet

Downtown Brooklyn Surface Transit Circulation Study
## Future Conditions: Trip Generation Results

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### Additional 2011 Trips

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### Potential Improvement Options

- Street Operations / Bus Reliability
- Bus Stop Access
- Passenger Experience
- Fare Collection
- Growth Areas
Street Operations / Bus Reliability: Bus Priority

- Bus Priority
  - Queue Jumper / Transit Signal Priority
  - Extend Bus-Only Lane Hours
  - Add Additional Bus-Only Lanes
  - Bus-Only Corridors
Street Operations / Bus Reliability ( Continued )

- Parking Enforcement
- Consolidate Bus Stops
- Sawtooth Bus Parking
- Transit One-Way Couplets
- Circulator and/or Shuttle

Sawtooth Bus Stop
IKEA Plaza, Brooklyn
Pre-Boarding Experience

- Pedestrian Prioritization
  - Lead Pedestrian Intervals
  - Longer Pedestrian Phases
  - Shorter Pedestrian Crossings
  - Median
  - Closing Travel Lanes
  - Pavement Painting
Pre-Boarding Experience

- Improve Information
  - Signing of Bus Stops
  - Wayfinding Signage
  - Bus Arrival Time Information
  - New Mobility Hubs
- Shelters at Stops
- Shelters Further From Curbs
- Seating at Stops
- Schedule Posting / Managing Date of Schedule
Fare Collection

- MetroCard Purchasing
  - On-Street Ticket Vending Machines
  - Information About Nearby Vendors
- Time of Day Pricing
- Smartcards
- Off-Board Fare Collection

On-Street Fare Collection Machines, Pelham Pkwy & White Plains Road, The Bronx
Growth Areas

- Extend Existing Service
- Splicing Service
- Additional Service
Questions and Discussion of Improvement Options