



The Queensboro Bridge Bus Priority Study

Presentation to local Community Boards
Spring-Summer 2010



Queensboro Bridge Bus Priority Study Agenda

- Project Need
- Study Overview
- Data Collection
- Preliminary Findings
- Questions



Queensboro Bridge Bus Priority Study Overview

Study Goal:

- *Identify cost-effective ways to improve bus speed and reliability for local and express buses that use the QBB.*

Study Principles:

- Consult stakeholders
- Ensure pedestrian and driver safety
- Balance the needs of all bridge users
- Evaluate benefits and potential impacts
- Minimize impact on adjacent neighborhoods



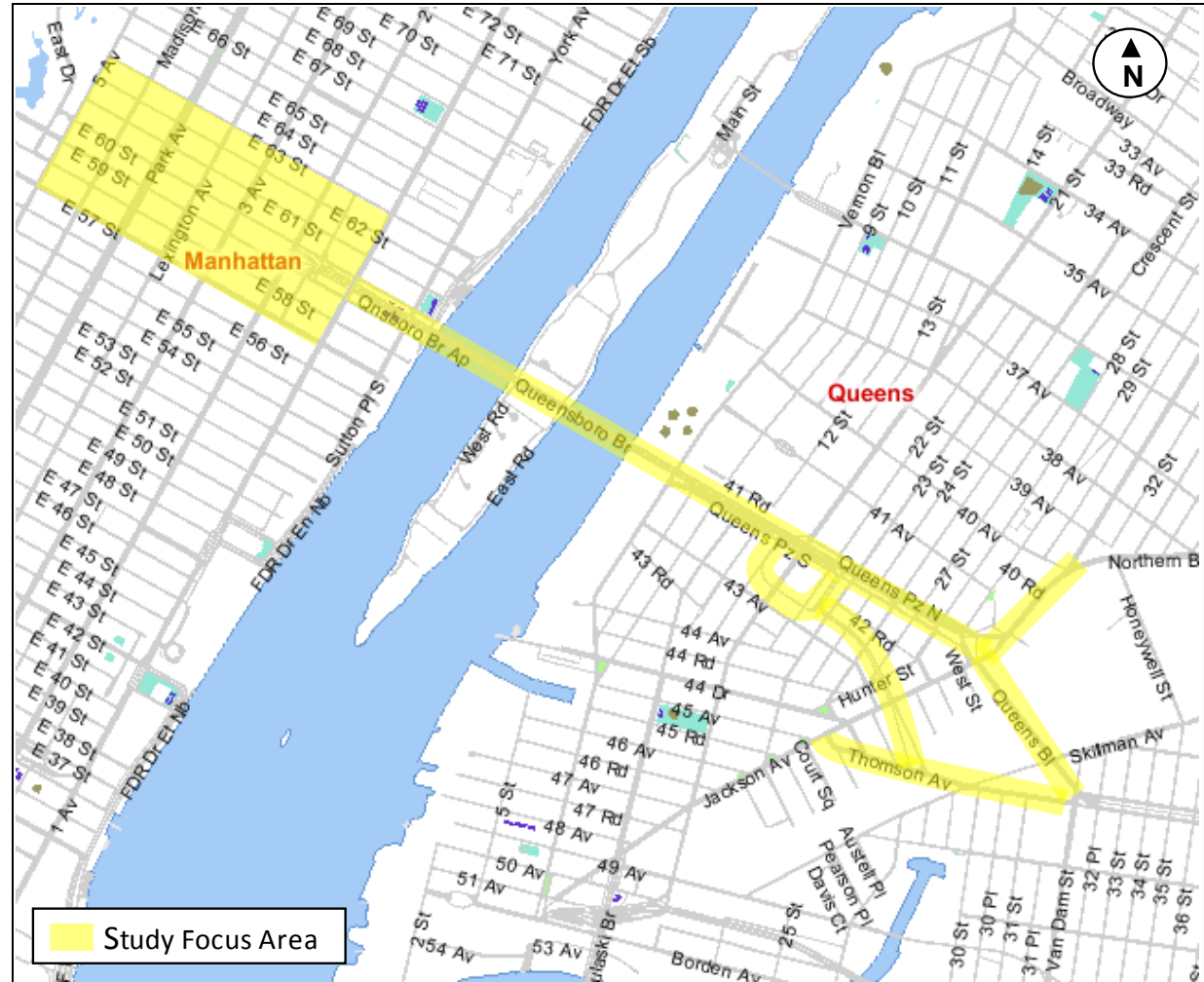
Queensboro Bridge Bus Priority Study Project Need

- **The Queensboro Bridge (QBB) is a major bus corridor**
 - 16,000 bus trips a day, including about 8,000 local riders
 - 110 buses during PM rush hour or one bus every 30 seconds
 - Q101 provides direct service between Queens and Manhattan, key transit link for residents of Astoria and Long Island City
- **Congestion on the QBB is a significant cause of bus delay**
 - QBB travel times increase significantly during rush hour due to congestion
 - Over 75% of QBB express and local bus riders report that traffic congestion regularly delays their bus
 - Congestion slows buses and makes service less reliable, making transit less attractive



Queensboro Bridge Bus Priority Study Study Area

- Queens side includes:
 - Queens Plaza
 - Ramp connections to 21st St./Thomson Ave.
 - Thomson Ave
 - Queens Blvd
 - Northern Blvd
- Manhattan Side includes area from Fifth Ave to the East River from 57th Street to 63rd Street
- The study assumes Queens Plaza improvements will be implemented as planned.





Queensboro Bridge Bus Priority Study Data Collection Items

- Bus ridership
- Bus counts and travel time runs
- Express and local bus rider survey

- Traffic volume counts and turn counts
- Automobile travel time runs

- Pedestrian counts



Queensboro Bridge Bus Priority Study

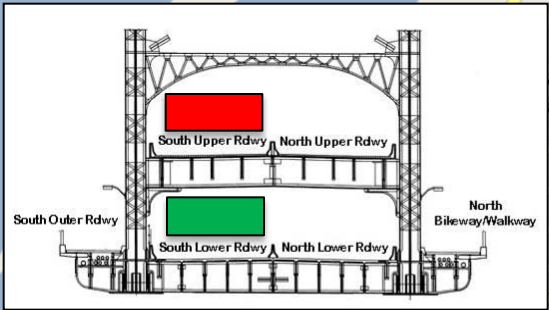
Local Bus Routes





Queensboro Bridge Bus Priority Study Express Bus Routes

Route	Daily
QM1	750
QM1A	2,020
QM2	1,160
QM2A	720
QM3	90
QM4	350
QM10	130
QM12	220
QM15	430
QM16	140
QM17	200
QM18	110
QM21	340
QM24	150
X51*	180
X63*	380
X64*	220
X68*	330
Total	7,920



* Estimated ridership volume

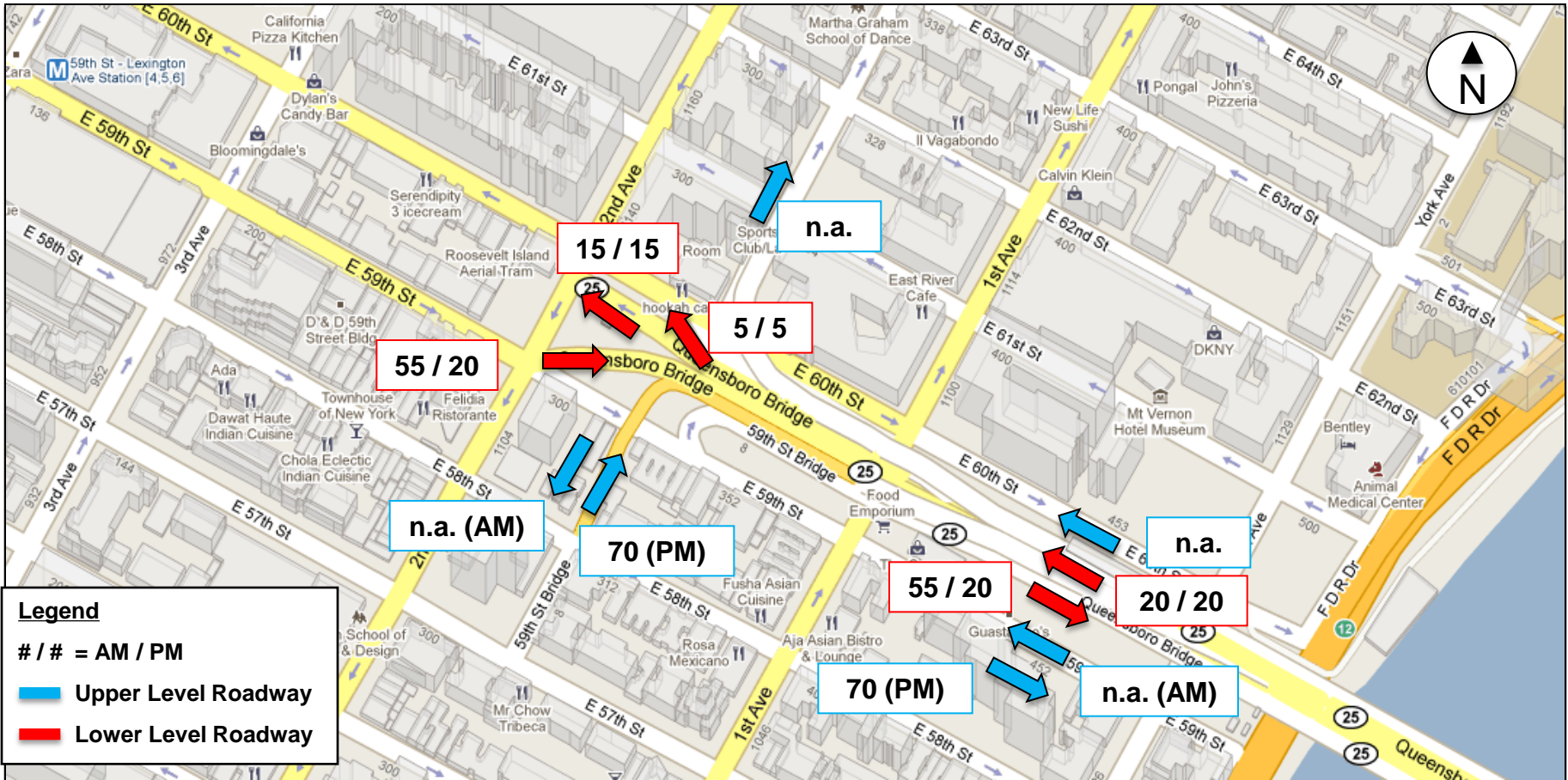
— Deadhead route for QM1, 1A, 2, 2A, 10, 11, and 12 buses





Queensboro Bridge Bus Priority Study

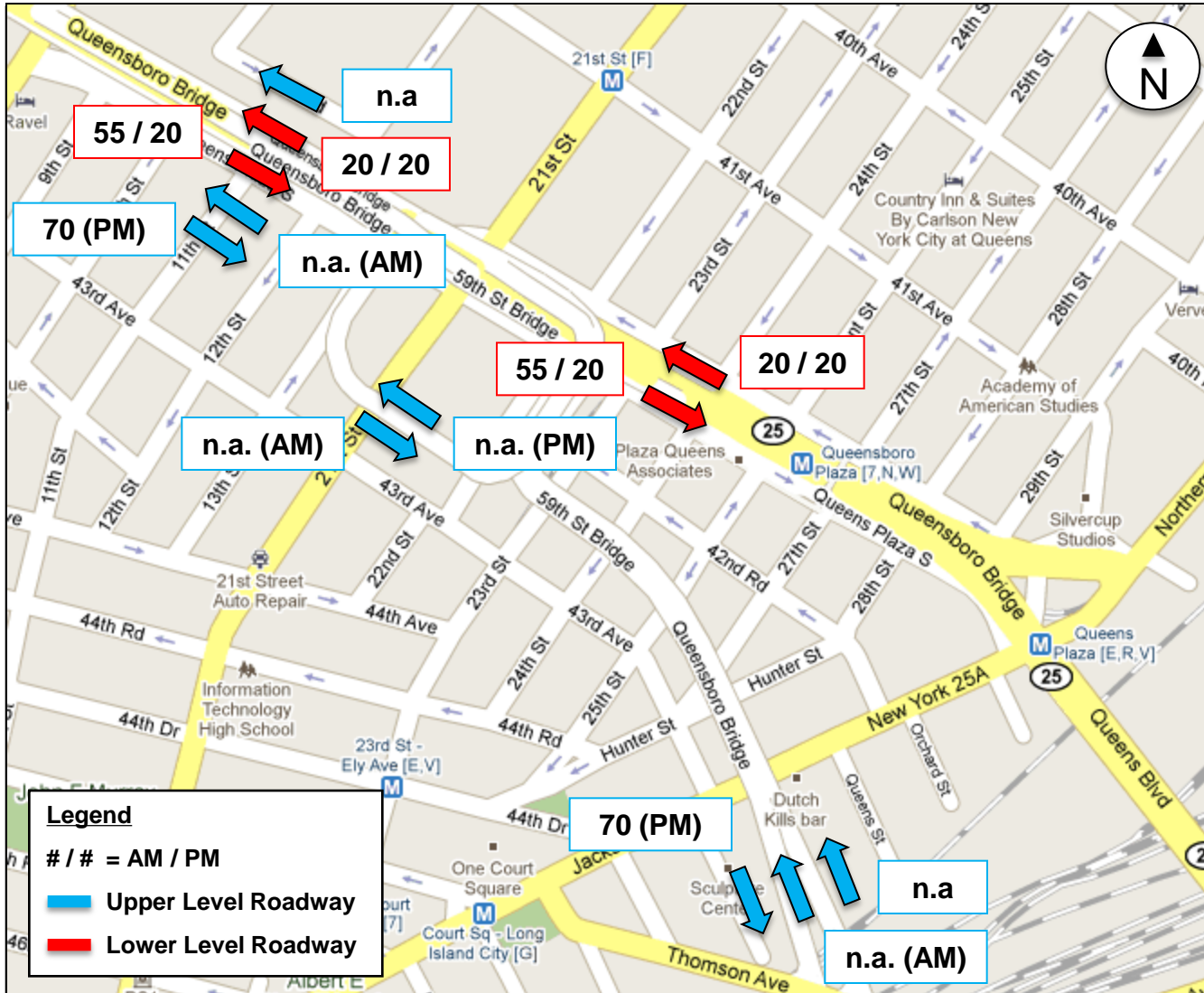
AM/PM Peak Hour Bus Volumes





Queensboro Bridge Bus Priority Study

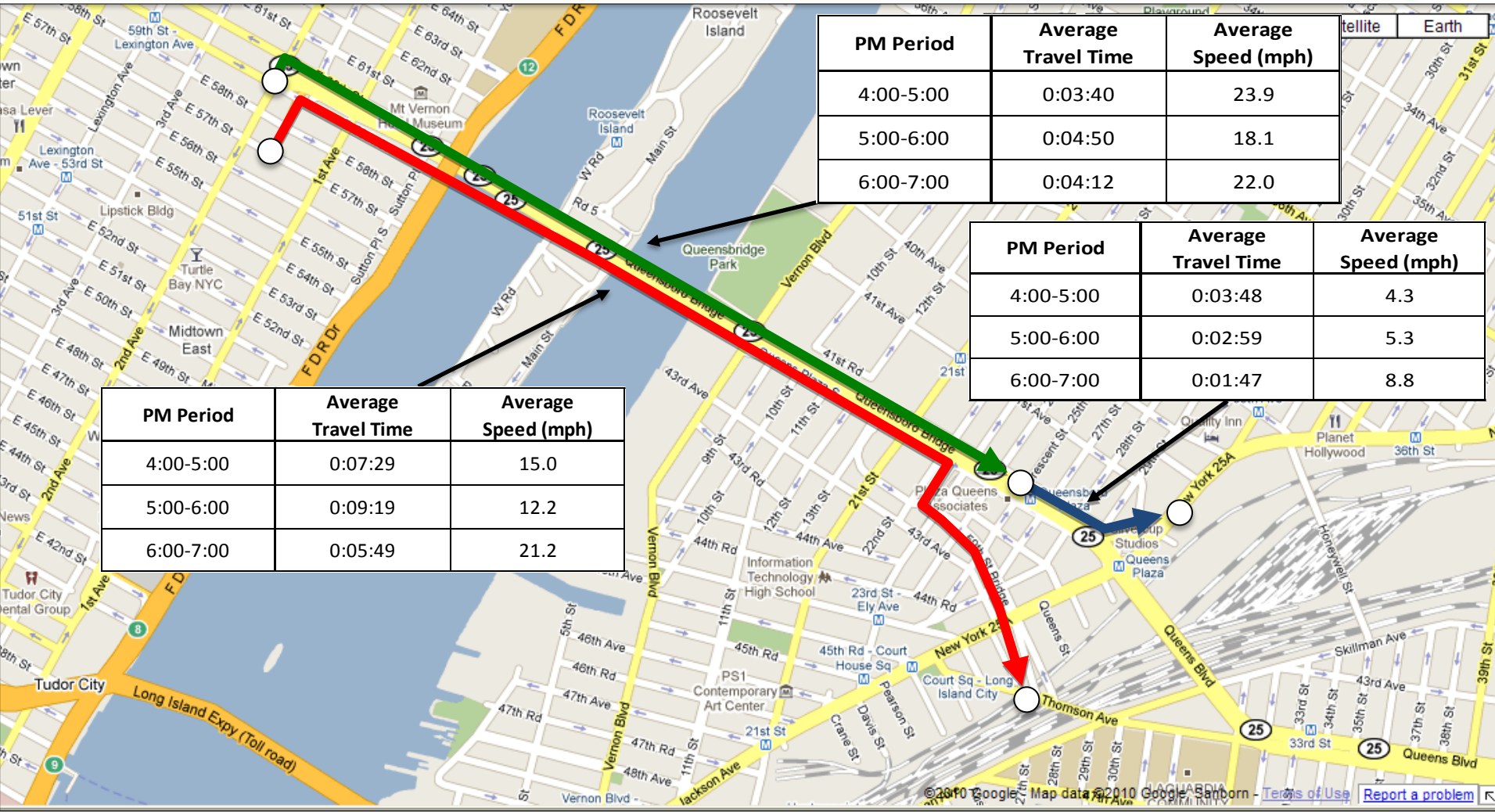
AM/PM Peak Hour Bus Volumes





Queensboro Bridge Bus Priority Study

PM Express Bus Travel Times





Queensboro Bridge Bus Priority Study Bus Rider Survey Findings

Local

Express

	Local	Express
Total respondents	313	511
Travelling to or from work	75%	88%
Ride the bus daily	68%	81%
Sometimes use another means of transportation	68%: subway Reason: “faster” or “more convenient”	52%: subway Reason: destination, time of day, or “faster”
Perceive traffic congestion on their bus	76%: sometimes, often or always Locations: Queensboro Bridge and Queens Plaza	80% (PM): sometimes, often or always; Locations: LIE, Queensboro Bridge, and Queens Boulevard
Average delay on Queensboro Bridge	Of those who perceive delay on the bridge, 58% said 5-15 minutes	Of those who perceive delay on the bridge, 62% said 5-15 minutes
Suggested improvements for trip speed	“Bus lanes” and “More buses”	“Bus lanes,” “Enforcement of bus lanes,” and routing suggestions



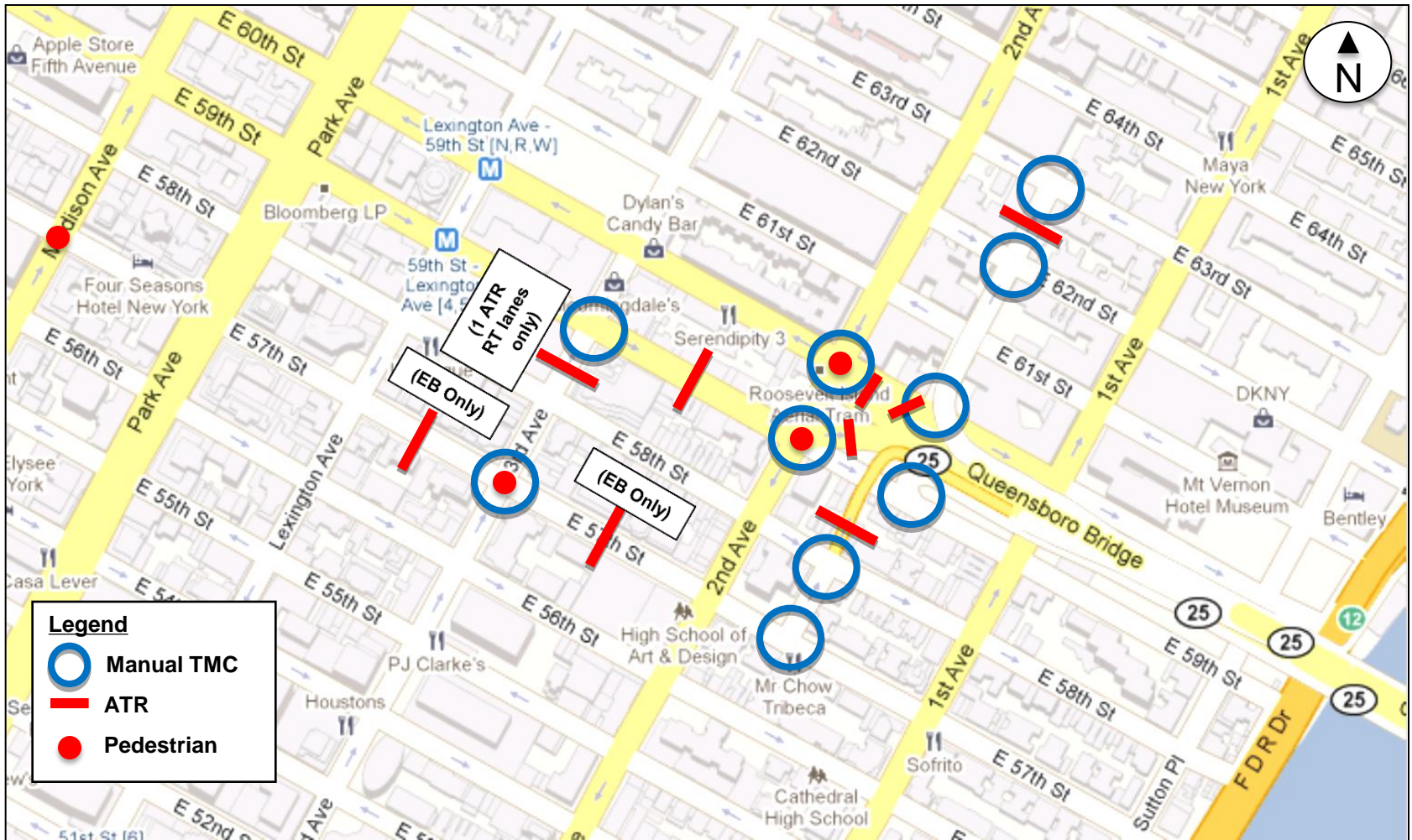
Queensboro Bridge Bus Priority Study

Queens: Traffic Data





Queensboro Bridge Bus Priority Study Manhattan: Traffic Data





Queensboro Bridge Bus Priority Study

Questions and Comments?