The Challenge of Transit Priority in Complete Streets

NACTO Designing Cities Conference
October 25 2012

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Three Random Thoughts

It’s the right turn that’s the problem
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Everyone wants to be on the right
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Where you need it most is where it’s the most difficult
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Everybody wants to be on the right

Where you need it most is where it’s the most difficult

Plus one more:
Develop solutions based on identified problems
Bx12 Select Bus Service
(Fordham Road/Pelham Parkway)

• Project Features
  – New/upgraded bus lanes
  – Off-board fare collection
  – Transit signal priority
  – Simplified service pattern
  – New shelters

• Implemented June 2008
  – 20% reduction in travel time
  – 10% increase in ridership
  – Study paid for by NYCT; implemented with local funds (~$5M)
M15 Select Bus Service
(First Avenue/Second Avenue)

• Project Features
  – New/upgraded bus lanes
  – Off-board fare collection
  – New low floor 3-door buses
  – Integration with bicycle network
  – Implemented October 2010
• 15-18% reduction in travel time
• 10% increase in ridership
• Implemented with local funds (~$5M)

• Upcoming Improvements
  – Bus bulbs at 12 stations – Funded through CMAQ grant (~$8M)
  – TSP – funded by CMAQ grant (~$500k)
S79 Select Bus Service
(Hylan Boulevard)

Project Features
• Limited Stop Service on S79, streamlined route
• Targeted bus lanes:
  – Northern two miles of Hylan Boulevard approaching VNB
  – Last two blocks on Richmond Avenue approaching Hylan, near SI Mall
• Left turn bays on Richmond Avenue
• Optimize traffic signals and TSP
• New median pedestrian refuges, build/reconstruct sidewalks
• Real time travel info for buses, drivers
Nostrand SBS Project Features

- **Parking** in midday, nights, and weekends;
- **Travel Lane** in AM and PM peak periods
- **Travel Lane**
- **Dedicated Bus Lane & Right Turn Lane**: Offset bus lane allows buses to move quickly and preserves parking
- **Parking** along the curb except at bus stops
- **TSP** south of Flatbush Ave
Nostrand SBS Project Features

- **Local Bus Stop at curb**
- **New Shelter**
- **Fare Collection Machines**

**Bus Bulb:**
Sidewalks at SBS stations will extend out to the bus lane.
Buses will not need to pull in and out of traffic.
Higher curbs on the SBS platform will allow for easier boarding.
Stormwater BMPs to be incorporated at appropriate locations.
M34/M34A Select Bus Service
(34th Street)

- Improved bus lanes
- New low-floor buses
- Bus bulbs at 14 stations
- Coordinated with DEP water main work First Avenue-Lexington Avenue
- Coordinated with HYDC work Tenth Avenue-Eleventh Avenue
- Remainder of work expected to be constructed by NYCT
- Construction to be funded through Bus Livability grant (~18.4M)
Fordham Plaza
Bronx Hub

Bronx Hub

Broadway Junction
Broadway Junction
Dudley Square Complete Streets
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Journal Square
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