Astoria: Bicycle Network Connections

Summer 2010

Commissioner Janette Sadik-Khan  New York City Department of Transportation
Presented May 19, 2010  by the Pedestrian Projects Group to Community Board 1
NYC Cycling Background

- 200 miles of bike routes installed in last 3 years
- 79% increase in commuter cycling (2006-2009)
- 5 lane miles of on-street protected bicycle paths
New York City Cyclist Counts at Selected Commuter Locations
Weekday, 7AM to 7PM, 1980-2009

- 79% increase since 2006
- 26% increase since 2008

Cyclist Volume

- Staten Island Ferry
- Brooklyn Bridge
- Manhattan Bridge
- Williamsburg Bridge
- Queensboro Bridge
- Hudson River Greenway at 50th St.
- 9th, 10th, 11th, 12th Avenues at 50th St.

Ridership Rates
Project Background

- Bicycle safety issues
  - 7 bicycle injuries around Astoria Blvd Station
  - 7 bicycle injuries along 21st St. corridor
  - Vast majority of citywide bicycle injuries and fatalities occur outside bicycle lanes

- Bicycle connections to RFK Bridge Pedestrian Path, Astoria Park, and existing bicycle lanes

- Excessively wide traffic lanes promote speeding and reckless driving
Proposed Design Treatments

- Increased safety for all users
- Creates bicycle routes on high demand corridors
- Marked lanes alert drivers and promote safer behavior from all users
- Proposed design treatments are sensitive to existing parking
Hoyt Avenue N

- Proposed buffered bicycle lane
- No reduction in traffic capacity or parking
- Provides safe separated bicycle connections to RFK Bridge pedestrian path and Astoria Park
Hoyt Avenue S

- Proposed buffered bicycle lane
- Simplified lane configuration
- Reduced merge congestion
- Provides safe separated bicycle connection to existing bicycle lanes on 35th & 36th St.
21st St - Hoyt Ave to Ditmars Ave

- Proposed bicycle lane
- Calm speeding traffic
  - 43% of vehicles speed on 21st Street
- Provides north-south bicycle connection between Hoyt Ave and 20th Ave
- Proposed buffered bicycle lane

- Calm speeding traffic by reducing travel lanes
  - 43% of vehicles speed on 21st Street

- Provides north-south bicycle connection between Hoyt Ave and 20th Ave
Ditmars Ave

- Alerts drivers to presence of cyclists
- No parking affected
- Connects 21st St to Astoria Park and Shore Blvd
Project Summary

- Enhances safety for all street users
- Improves bicycle network connectivity
- Calms traffic
- Maintains vehicle traffic capacity
- No parking lost

For more information on bicycle safety in New York City please click on the link below.

Questions?

Thank You