

# STATEN ISLAND TRANSPORTATION TASK FORCE

Day 60

March 27, 2006



*Photo: Wikipedia.com*

Michael R. Bloomberg, Mayor

Iris Weinshall, Commissioner,  
New York City Department of Transportation

Amanda M. Burden, Director,  
New York City Department of City Planning



# STATEN ISLAND TRANSPORTATION TASK FORCE

“We are going to confront the problem of traffic ...improve the flow of traffic on Staten Island. ...I have asked my Transportation and City Planning commissioners to report back to the Growth Management Task Force in 60 days with a package of initiatives designed to address Staten Island's growing congestion.”

- Mayor Michael R. Bloomberg  
“State of the City Address”  
January 26, 2006



# TASK FORCE MEMBERSHIP

- Iris Weinshall, Commissioner, Dept. of Transportation and Co-Chair, Traffic and Transportation Task Force
- Dana Magee, Chair, Community Board 2
- Amanda Burden, Director, Dept. of City Planning and Co-Chair, Traffic and Transportation Task Force
- John Antoniello, Chair, Community Board 3
- Vito Fossella, Congressman
- Peter King, Director of Program Planning and Management, NYSDOT
- James Molinaro, Borough President
- John Gaul, S.I. Railway, Chief Officer, and Keith Hom, Chief of Operations Planning, MTA
- Michael McMahon, Council Member
- Lou Venech, Sr. Manager of Transportation Policy Development, PANYNJ
- James Oddo, Council Member
- Christie Huus, Assistant Commissioner, Mayor's Community Assistance Unit
- Andrew Lanza, Council Member
- Thomas Paulo, Staten Island Borough Commissioner, Dept. of Parks and Recreation
- Linda Baran, President and CEO, SI Chamber of Commerce
- Rudolph Landin, Staten Island Deputy Borough Chief, NYPD
- Sean Sweeney, Chair, Community Board 1
- Raheel Shabih, Transportation Planner, OEM

# HIGHLIGHTS

- “Listening Tour” with elected officials, Community Boards, and other Stakeholders
- Meetings with regional transportation partners to identify projects
- Identified 40 + Initiatives to improve mobility and enhance public safety
- Public Discussion of Recommendations
- Draft Report in 90 Days
- Regular Meeting of Task Force to monitor progress



# UNDERLYING TRANSPORTATION CONCERNS

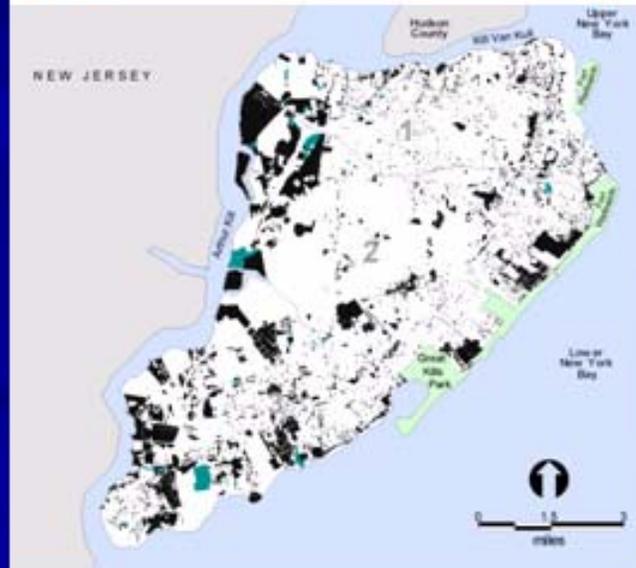
- Population
  - High growth
  - Comparatively low density
- High Auto Ownership
- Under-built Highway and Roadway System
- Limited Transit System
- Under-leveraged opportunities to maximize current infrastructure

# POPULATION GROWTH, 1956-2006

- Population Density, 1956
  - NYC 51 people per acre
  - SI 7 people per acre
- Population Density, Today
  - NYC 52 people per acre
  - SI 14 people per acre
- Staten Island Population
  - 221,991 - 1960
  - 464,573 - 2006



Vacant  
Land,  
1960s



Vacant  
Land,  
Today

# UNDERLYING TRANSPORTATION CONCERNS

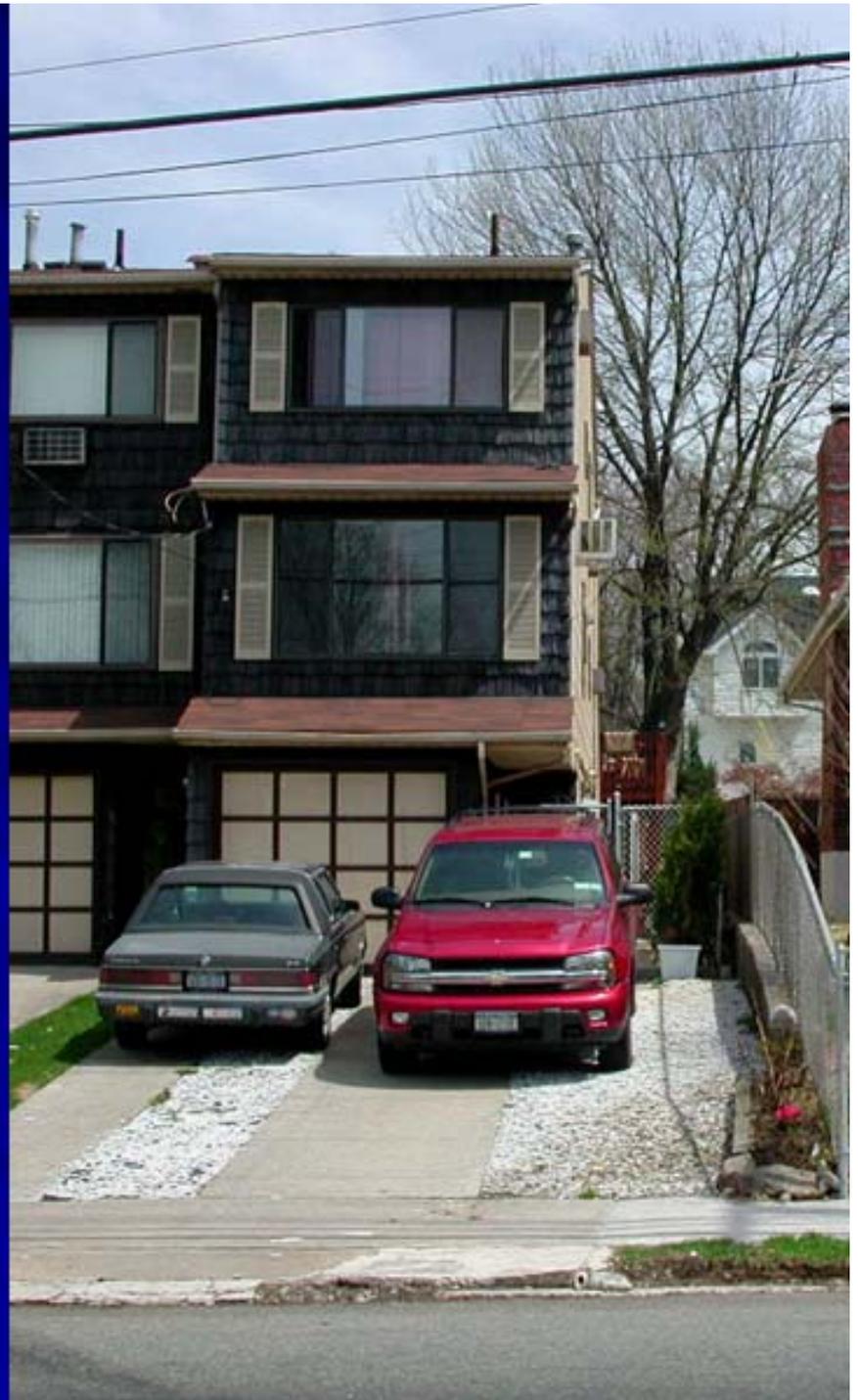
- Population
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# AUTOMOBILE OWNERSHIP

## REGISTERED VEHICLES PER 1,000 PEOPLE (2004)

|                      |            |
|----------------------|------------|
| Suffolk County       | 805        |
| Nassau County        | 721        |
| Rockland County      | 716        |
| Westchester County   | 685        |
| <b>Staten Island</b> | <b>548</b> |
| Queens               | 322        |
| Bronx                | 171        |
| Brooklyn             | 162        |
| Manhattan            | 154        |

Sources: U.S. Census Bureau, NYSDMV



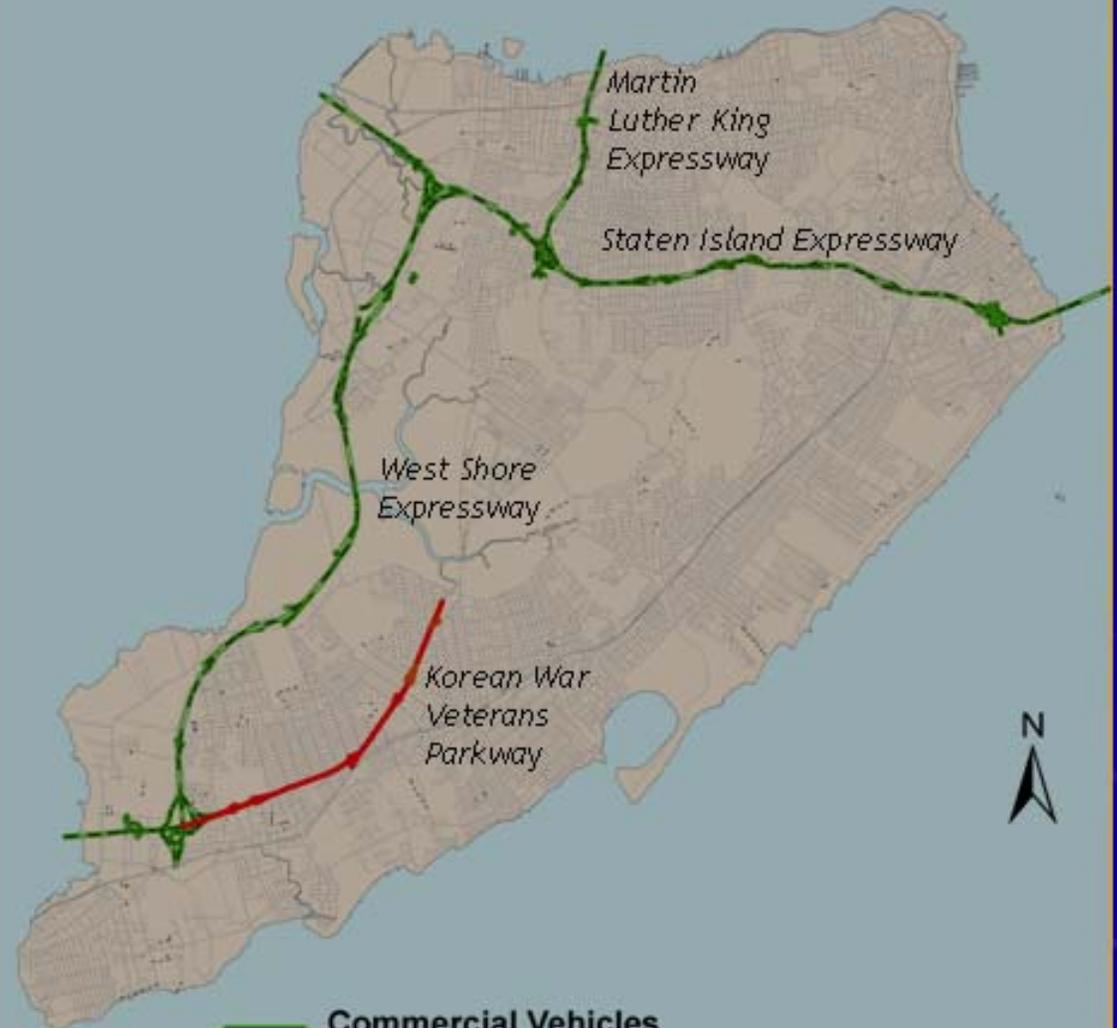
# UNDERLYING TRANSPORTATION CONCERNS

- Population
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# EXISTING HIGHWAY NETWORK

## Staten Island Highways

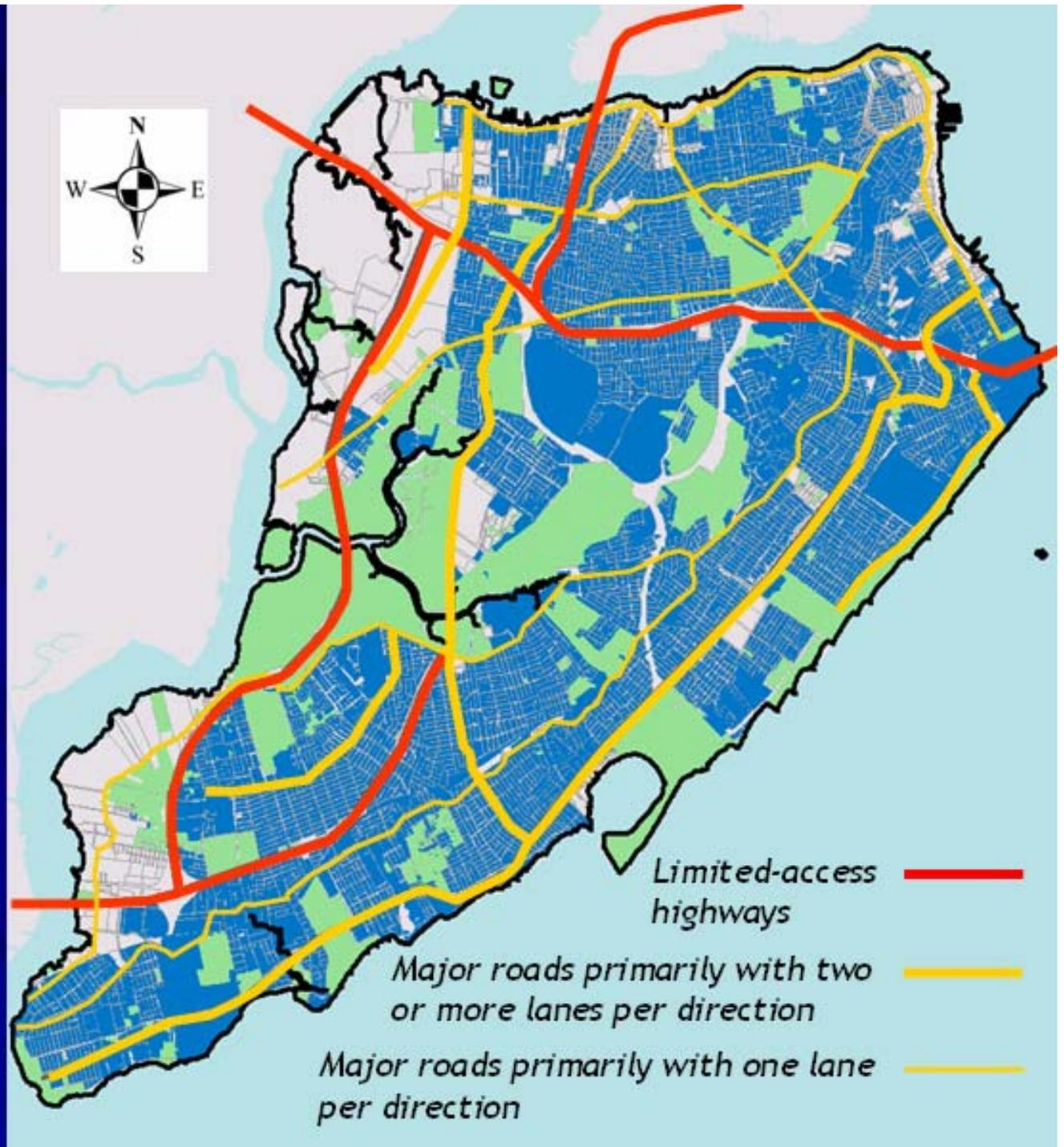


— Commercial Vehicles  
— No Commercial Vehicles

0 2,450,900 9,800 14,700 19,600 Feet

# EXISTING ROADWAY NETWORK

- Limited road system
- Environmental concerns limit new road construction
- With Fresh Kills, 30% of SI will be open space



# UNDERLYING TRANSPORTATION CONCERNS

- Population
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# MTA STATEN ISLAND RAILWAY



# UNDERLYING TRANSPORTATION CONCERNS

- Population
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  - Comparatively low density
- High Auto Ownership
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- Under-leveraged opportunities to maximize current infrastructure

# SPECIFIC TASK FORCE MEMBER CONCERNS

Over 150 specific concerns were identified and included:

- Congestion at particular intersections and corridors
  - Enforcement on major corridors
- Lack of cross borough roadway connections
- Need for more Mass Transit options
- Waiver Issuance on Builders' Pavement Plans
- Lack of cross easements between commercial lots
- Capital construction projects
- Construction of the Fresh Kills Landfill Roads

# KEY THEMES

1. Proactive approach to traffic improvements
2. Concerted effort to push forward city capital projects
3. Improved coordination among city agencies
4. Working with regional transportation partners to help facilitate projects
5. Task Force to be catalyst for ongoing progress

**SHORT TERM ACTION PLAN**  
**(17 Initiatives within the next year)**

## Short Term Initiative #1 - Roadways: High Priority Intersection Focus

### NEW INITIATIVE:

**NYCDOT Senior Engineering Team to comprehensively analyze congestion hot spots and begin implementing improvements**



**Timeframe:** Next 12 Months

**Estimated Cost:** Significant Time from NYCDOT Senior Traffic Personnel  
- Geometric Design, Signals, Borough Engineering Units

**Lead Agency:** NYCDOT

**Next Steps:**  
- Analyze 1 intersection per month  
- Initial Improvements to be completed in 2006

## Short Term Initiative #2 - Roadways: Increasing Intersection Capacity

### NEW INITIATIVE

- Daylighting of Intersections
- Increasing Right Turn on Red Opportunities

**Timeframe:** 2006

**Estimated Cost:** Internal

**Lead Agency:** NYCDOT

**Next Steps:**

- Beginning Immediately daylighting of 12 Intersections/month
- Consultant Study on Right Turn on Red will start on 5/15/06

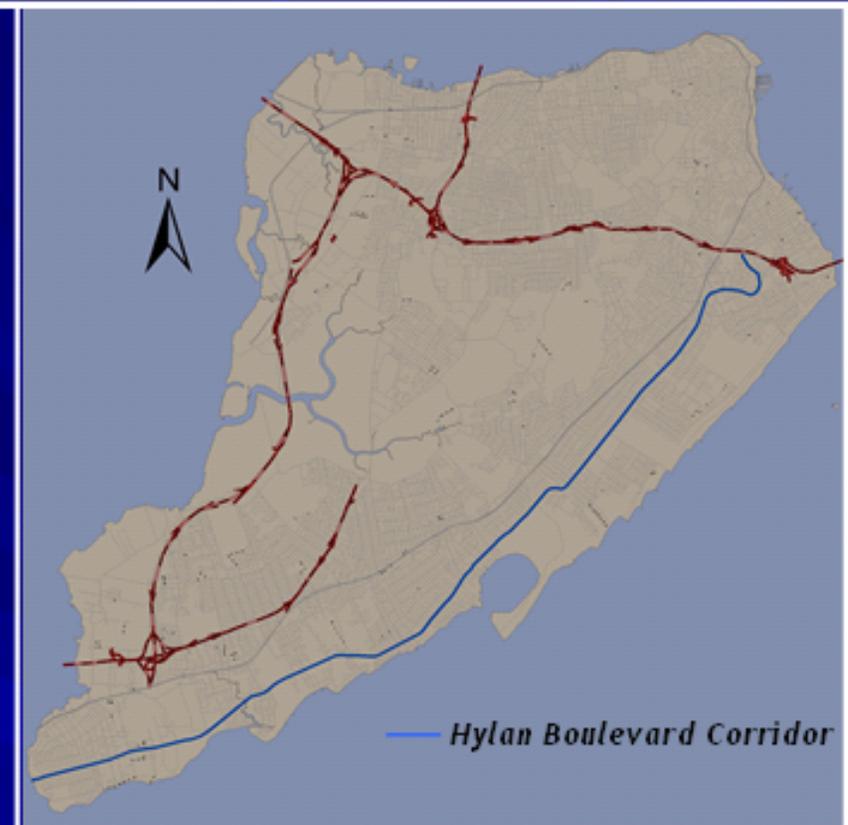


## Short Term Initiative #3 - Roadways: Hylan Boulevard Left Turn Improvement Study

**Improve traffic  
flow on Hylan  
Boulevard by  
altering left turn  
movements**

**Timeframe:** 2006  
**Estimated Cost:** \$471 K  
**Lead Agency:** NYCDOT  
**Next Steps:**

- Study to be released 5/31 /06
- Initial changes to be made Summer/Fall 2006



## Short Term Initiative #4 - Roadways: Safety Projects

### Implement safety projects

- Henderson Avenue Corridor
- Forest Avenue and Bard Avenue
- Van Duzer Street Corridor
- Annadale SIR Station Sidewalk Project
- Safe Routes to School Initiative  
(8 Schools)

- St. Charles School
- IS 2
- Sacred Heart I
- St. Teresa
- IS 27
- PS 18
- IS 51
- PS 22



**Timeframe:** 2006

**Estimated Cost:** In house resources from various NYCDOT Divisions

**Lead Agency:** NYCDOT

**Next Steps:**

- Construction projects already designed
- Scheduled for installation in Spring/Summer 2006

**Short Term Initiative #5 -  
Inter-Agency Coordination: Builders' Pavement Plans**

**Joint review of  
waivers to  
provide access  
and mobility**

**Timeframe:** Already Initiated  
**Estimated Cost:** Staff time  
**Lead Agency:** DCP, NYCDOT, DOB  
**Next Steps:** - New Process already in place to review waiver requests



## Short Term Initiative #6 - Inter-Agency Coordination: Cross Easements

- **Require cross easements for projects under joint ownership**
- **Identify new rules for cross easement projects under separate ownership**



**Timeframe:** Already initiated  
**Estimated Cost:** Zoning study, environmental review and ULURP  
**Lead Agency:** DCP, NYCDOT, DOB  
**Next Steps:** - City Planning's Town Center Study to identify new rules

## Short Term Initiative #7 - Roadways: Intersection Capital Projects

**DDC to complete construction of capital projects to address specific traffic flow concerns**

- **Victory Boulevard and Travis Avenue**
- **Amboy Road and Seguine Avenue**



**Timeframe:** Completion within 12 months

**Estimated Cost:** \$7.38 MM

**Lead Agency:** DDC, NYCDOT

**Next Steps:**

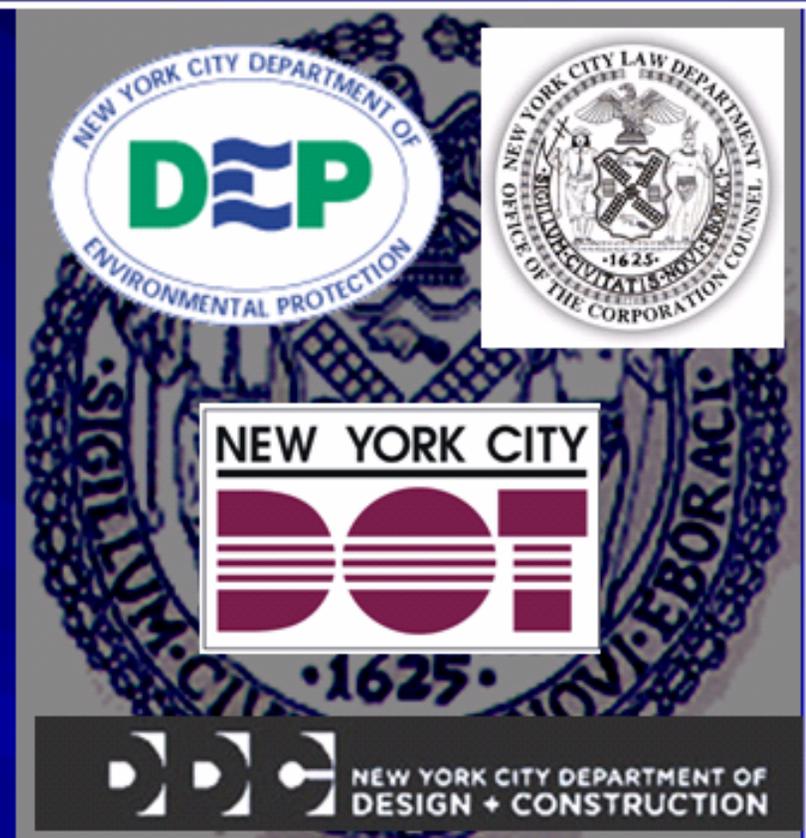
- Victory Boulevard and Travis Avenue in Design - Construction to begin Late Summer 2006, completion Fall 2006
- Amboy Road and Seguine Avenue, currently in Construction  
Completion expected Fall 2006

## Short Term Initiative #8 - Inter-Agency Coordination: Capital Project Process

Streamline planned projects with NYCDOT, DDC, DEP, and Law Department working together to better insure planned projects proceed on schedule. Issues to be addressed:

- Acquisition
- Roadway/water/sewer project coordination
- Environmental Analyses

**Timeframe:** Already Initiated  
**Estimated Cost:** Staff time  
**Lead Agency:** NYCDOT, DDC, DEP, Law Dept  
**Next Steps:** - New Processes to be developed



## Short Term Initiative #9 - Roadways: Charleston Area Improvements

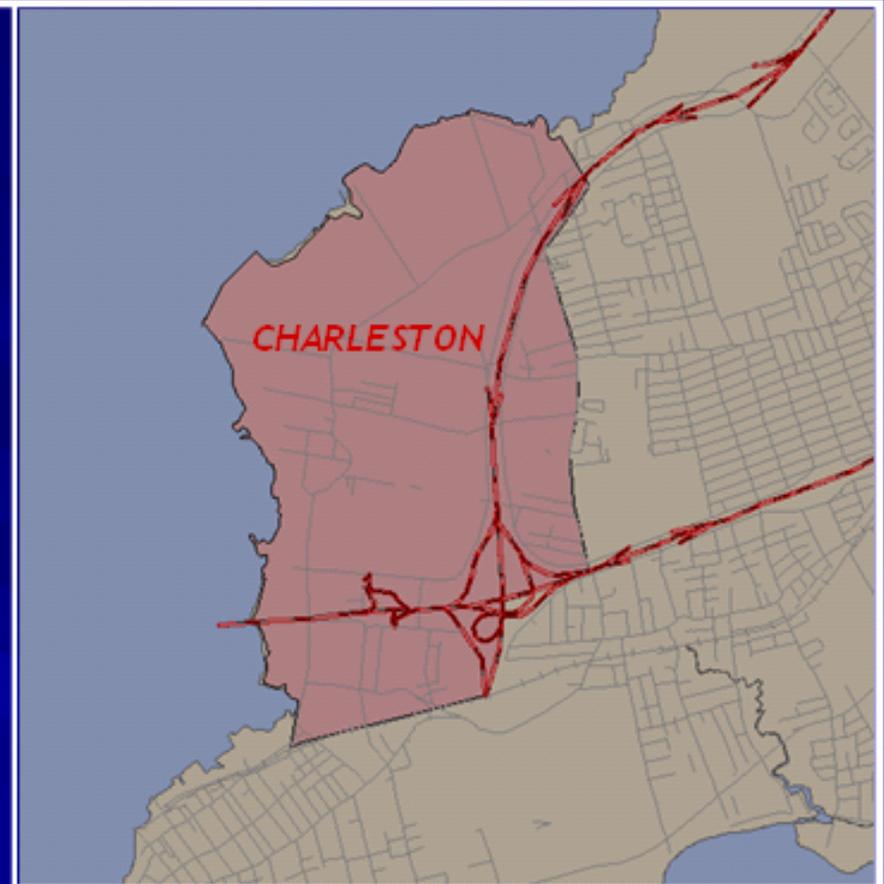
**Complete land-use  
analysis and identify  
corridors for  
public/private  
improvements**

**Timeframe:** 2006

**Estimated Cost:** TBD

**Lead Agency:** DCP, NYCDOT

**Next Steps:** - Coordinate West Shore Land Use and Transportation Study



## Short Term Initiative #10 - Roadways: Enhanced NYPD Role to Facilitate Traffic Flow

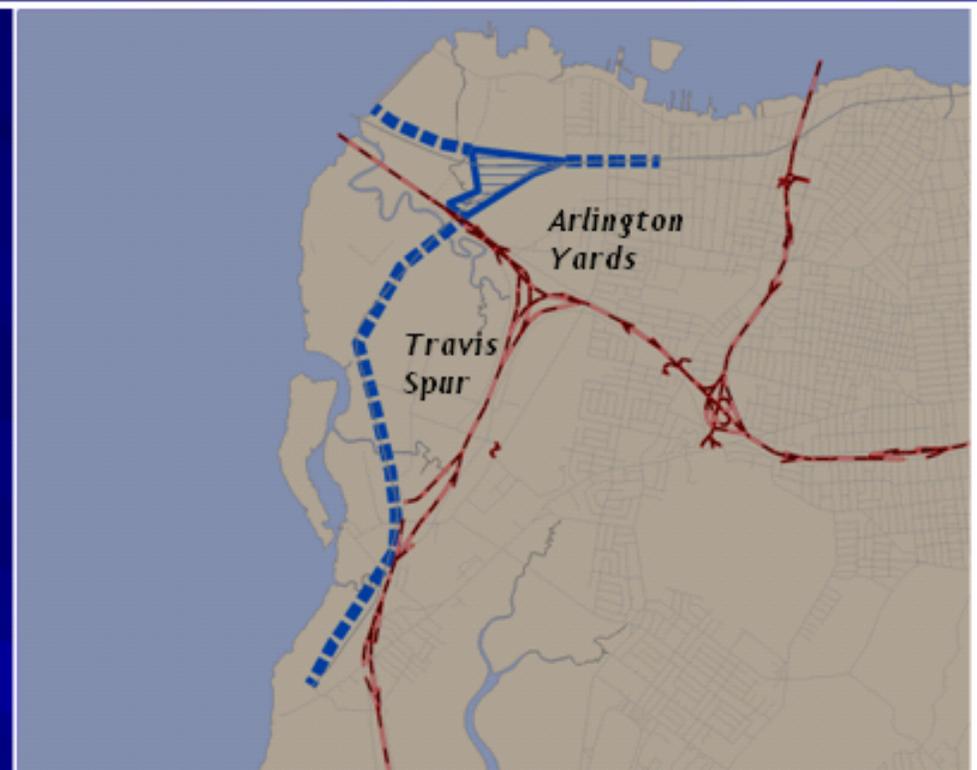
- Increase Traffic Enforcement Overtime by 20%
- Improve Hylan Boulevard Initiative, including increasing assigned personnel
- Increase Speed Radar Training
- Deploy personnel more strategically by working with PD Divisions and DOT



**Timeframe:** Ongoing  
**Estimated Cost:** TBD  
**Lead Agency:** NYPD  
**Next Steps:** TBD

## Short Term Initiative #11 - Rail Service: Restore Freight Connection

**Reactivating 8 mile  
rail link to  
mainland. Opening  
Arlington Freight  
Yards will remove  
100,000 trucks/year  
- improving traffic  
flow**

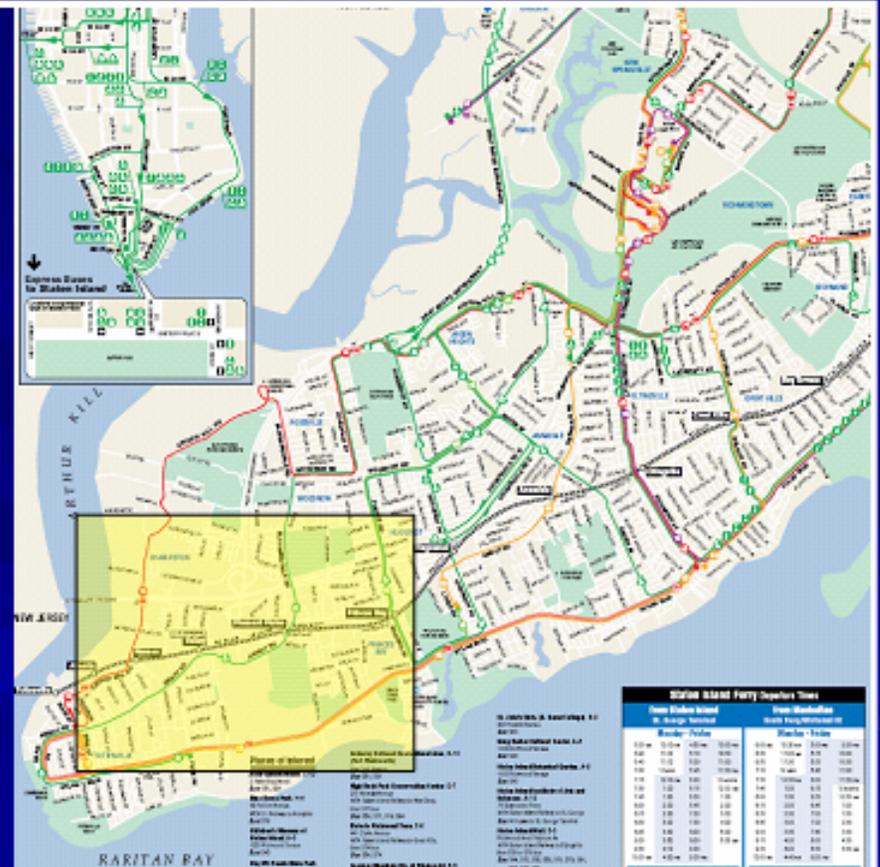


|                 |  |
|-----------------|--|
| Timeframe:      | Operational by Summer 2006               |
| Estimated Cost: | \$72 MM                                  |
| Lead Agency:    | EDC, PANYNJ                              |
| Next Steps:     | Terminal construction nearing completion |

# Short Term Initiative #12 - Bus Service: Provide Additional Transit Options in the South Shore

**Extend local bus  
service in the South  
Shore**

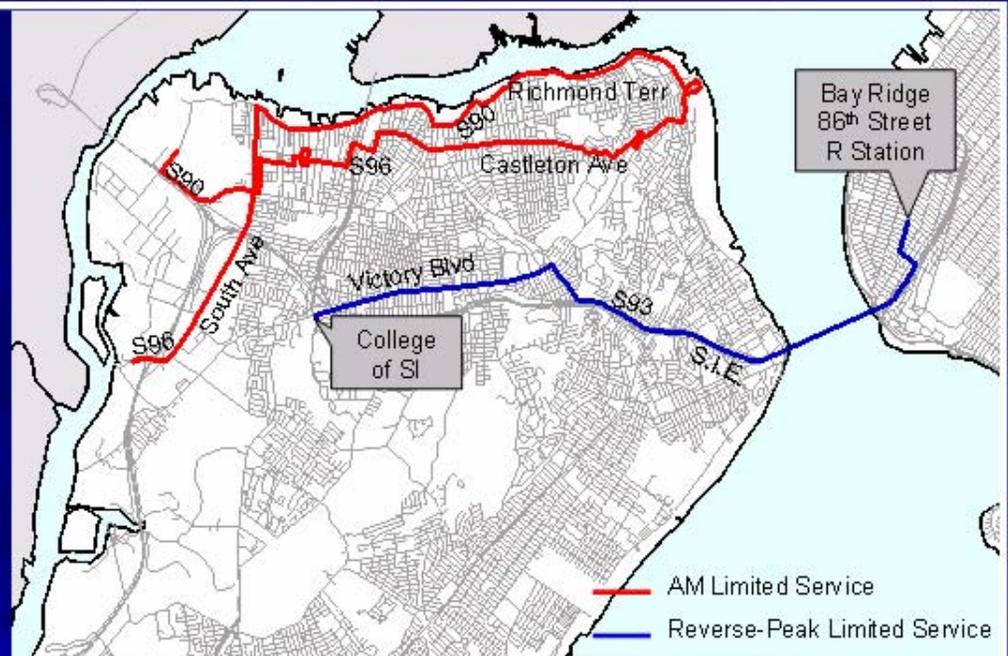
- Timeframe:** April 2007
- Estimated Cost:** \$1-2MM annually
- Lead Agency:** MTA
- Next Steps:**
- Analyze existing bus routes and ridership
  - Determine routes for potential expansion
  - Work with Community Boards



## Short Term Initiative #13 -

### Bus Service: Limited-Stop Service to St. George and to/from Brooklyn

- Provide additional limited-stop service for North Shore commuters to St. George
- Provide new limited stop service from Staten Island to Brooklyn during the AM and PM peaks



Timeframe: September 2006

Estimated Cost: \$710,000 Annually

Lead Agency: MTA

Next Steps:

- Identify proposals
- Work with Community Boards

## Short Term Initiative #14 - Bus Service: Assessment of Potential SI-HBLRT Market and Service Options

- Examine demand for SI-Bayonne bus service
- Evaluate feasibility of service options, based on results of market assessment



**Timeframe:** Initiate Study Fall 2006

**Estimated Cost:** TBD

**Lead Agency:** MTA

**Next Steps:** Work with PANYNJ and NJ Transit to estimate demand and evaluate feasibility of service options.

## Short Term Initiative #15 - Rail Service: Enhanced Staten Island Railway (SIR) Train Schedules

### Revising train schedules will provide:

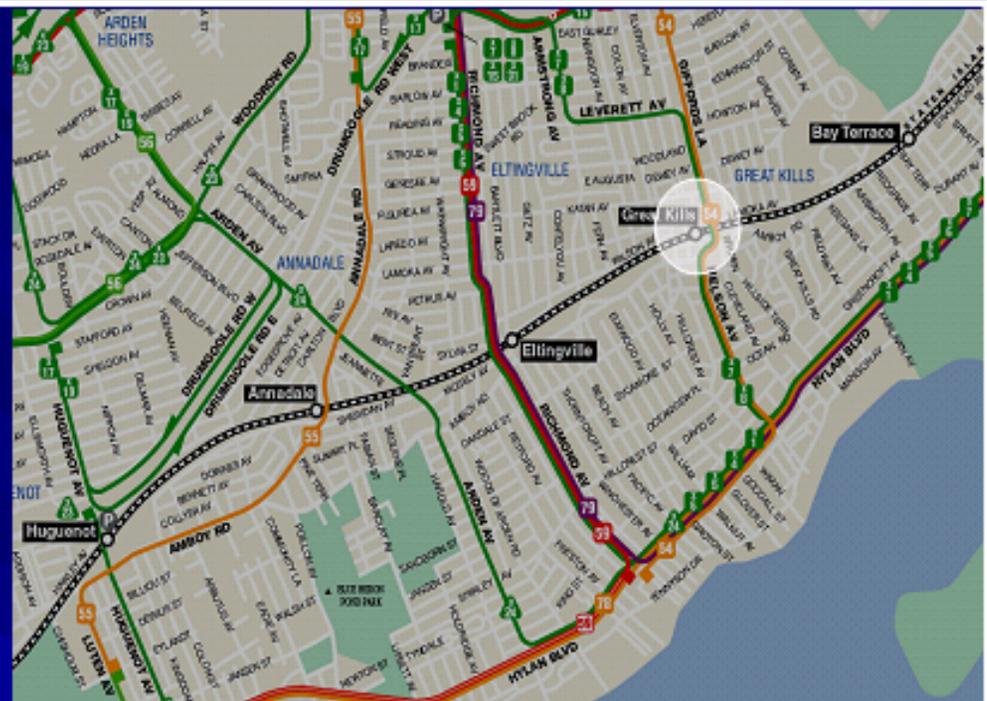
- Faster peak period express travel times and more balanced AM passenger loading
- Additional PM express trip
- Additional local trips to accommodate school ridership
- Improved reverse-peak ferry connections



**Timeframe:** Summer 2006  
**Estimated Cost:** Cost neutral  
**Lead Agency:** MTA  
**Next Steps:** Complete and implement schedule

## Short Term Initiative #16 - Rail Service: Improved Access to SIR

**Build new Park and  
Ride facility at Great  
Kills SIR Station**



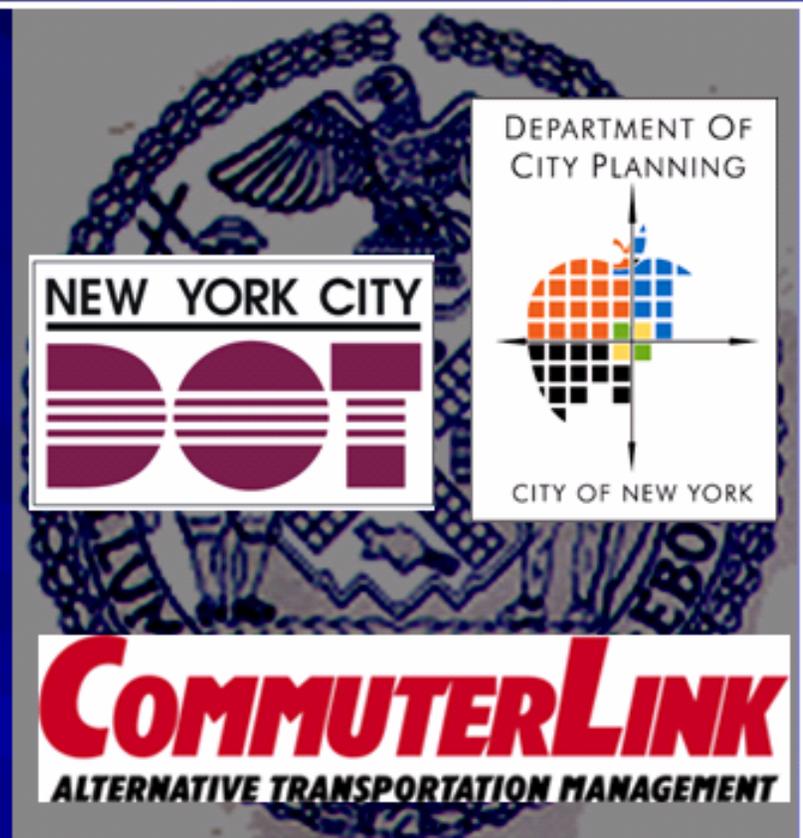
**Timeframe:** 1 Year  
**Estimated Cost:** \$200 K  
**Lead Agency:** NYCDOT, MTA  
**Next Steps:** Great Kills Rail Station Park and Ride - Open Fall 2006

## Short Term Initiative #17 - Public Education/Outreach

- **CommuterLink Outreach Campaign**
- **Regular Updates on Capital Projects**
- **Public Education on NYCDOT Engineering Standards**
- **Traffic Safety/Public Awareness Outreach**
- **Conduct a survey with the Staten Island Advance**

**Timeframe:** Already Initiated  
**Estimated Cost:** Staff time  
**Lead Agency:** NYCDOT, DCP, NYSDOT  
**Next Steps:**

- Develop Materials
- Schedule Meetings



# SHORT TERM ACTION PLAN

- Roadways
  - High Priority Intersection Focus
  - Improving Intersection Capacity
  - Hylan Boulevard Left Turn Improvement Study
  - Safety Initiatives
  - Intersection Capital Projects
  - Enhanced Role of PD to Facilitate Movement of Traffic
  - Charleston Area Improvements
- Bus Service
  - South Shore Bus Service
  - Limited Bus Service
  - Assess Potential for Service to New Jersey
- Rail Service
  - Improved Access to Staten Island Railway (SIR)
  - Enhanced SIR Scheduling
  - Rail Reactivation for Freight
- Inter-Agency Coordination
  - Builders' Pavement Plans
  - Cross Easements
  - Capital Project Processes
- Public Education/Outreach



**MEDIUM TERM RECOMMENDATIONS**  
**(15 Initiatives for 2007 - 2009)**

## Medium Term Recommendation #1 - Roadways: Capital Projects

DDC to complete capital projects to address specific intersection traffic flow concerns

- Hylan Boulevard (6 Locations)
- Amboy Road (2 Locations)

**Timeframe:** In capital plan for 2007-9

**Estimated Cost:** \$5.7 MM

**Lead Agency:** DDC, NYCDOT

**Next Steps:**

- Hylan Boulevard and Buffalo, Fieldway, Chesterton, and Cleveland Avenues - Construction in 2007
- Hylan Boulevard and Armstrong Avenue part of DEP project - 2008
- Hylan Boulevard and New Dorp Lane - 2009
- Amboy Road and Annadale Road - Construction Spring 2007
- Amboy Road and Arden Road - Construction 2008



## Medium Term Recommendations #2 - 4 Roadways: Cross Borough Access

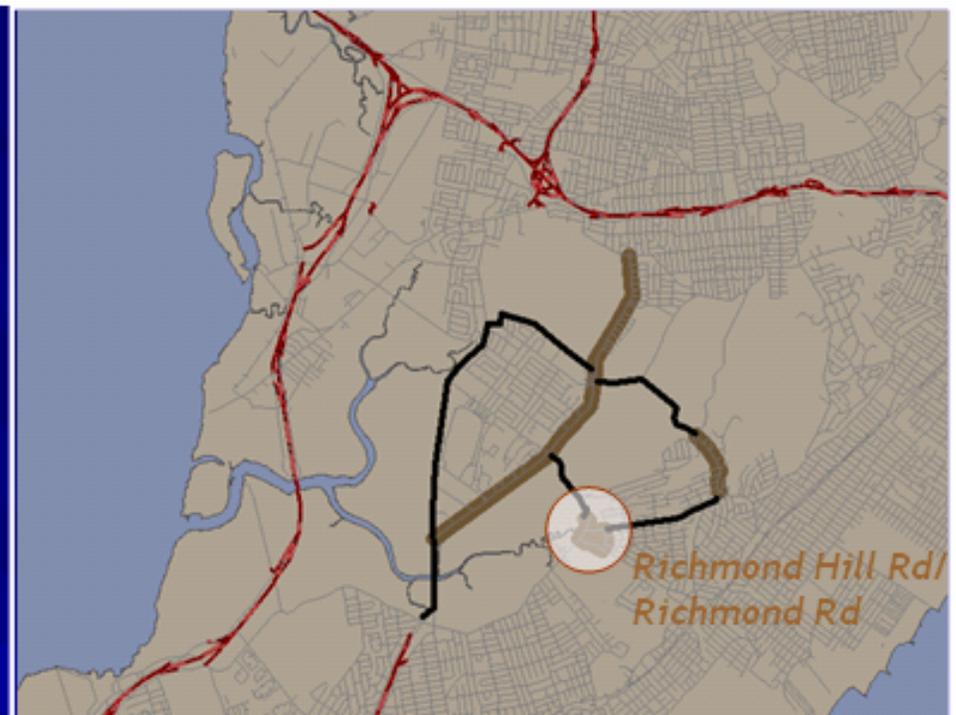
- Improve Existing Road Network
- Coordinate with DPR
- Incorporate DEP Bluebelt Construction Standards
- Limit Improvements to mapped corridors



Timeframe: In capital plan for FY '07 - '09  
Estimated Cost: \$43 MM  
Lead Agency: DDC, NYCDOT

## Medium Term Recommendation #2 - Roadways: Cross Borough Access - Richmond Hill Road

### Widen/Realign Richmond Hill Road/Richmond Road



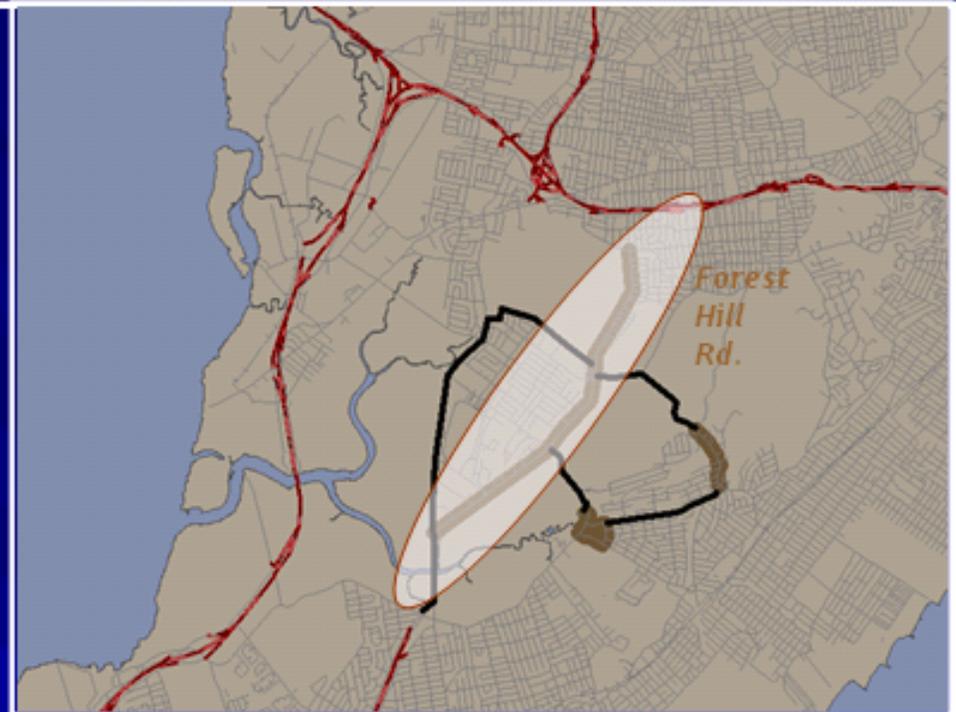
**Timeframe:** In capital plan for FY '09  
**Estimated Cost:** \$10 MM  
**Lead Agency:** DDC, NYCDOT  
**Next Steps:**

- Public scoping process underway
- EIS needed
- Acquisition needed

## Medium Term Recommendation #3 -

# Roadways: Cross Borough Access - Forest Hill Road

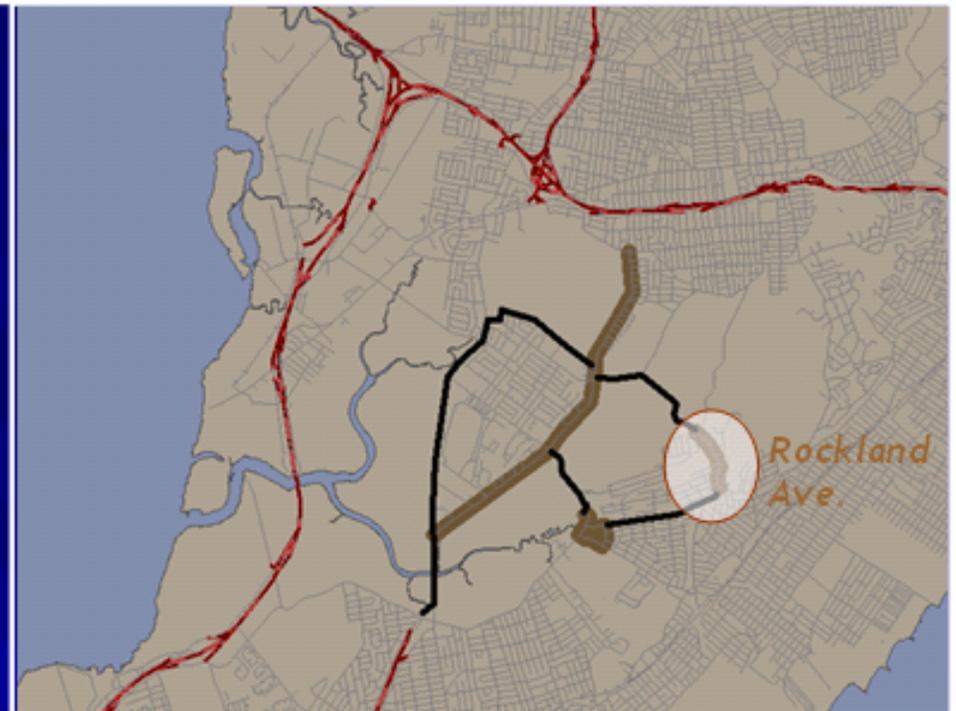
**Widen Forest Hill Road to four lanes from Willowbrook Road to Richmond Avenue**



**Timeframe:** In capital plan for FY '07-'09  
**Estimated Cost:** \$27MM  
**Lead Agency:** DDC, NYCDOT  
**Next Steps:**  
- EAS results expected in October 2006  
- Acquisition will be needed.

**Medium Term Recommendation #4 -  
Roadways: Cross Borough Access - Rockland Avenue**

**Realign Rockland  
Avenue from Meisner  
Avenue to Richmond  
Road**



- Timeframe:** In capital plan FY '08
- Estimated Cost:** \$6 MM
- Lead Agency:** DDC, NYCDOT
- Next Steps:**
- Design Complete
  - EAS expected in 2006 expected to transition to EIS
  - ULURP will be needed

## Medium Term Recommendation #5 - Roadways: Arthur Kill Road Improvements

**Widen and realign  
from Mid Island to  
Outerbridge  
Crossing**



**Timeframe:** FY '09  
**Estimated Cost:** \$50 MM  
**Lead Agency:** NYCDOT  
**Next Steps:**

- Moved Project up from FY '09-'11 to full project in FY '09
- Conduct full EIS
- Property acquisition expected

## Medium Term Recommendation #6 - Roadways: Hylan Boulevard Contra Flow Study

**Determine feasibility of using off-peak contra flow lane to improve peak direction traffic flow**



Pte IX Boulevard Contraflow Bus Lane - Montreal

*Image: Executive Summary, Transit Contraflow Feasibility Study, Miami-Dade MPO*

**Timeframe:** Study to commence in 2006 - Results expected in 2007

**Estimated Cost:** \$360 K for study

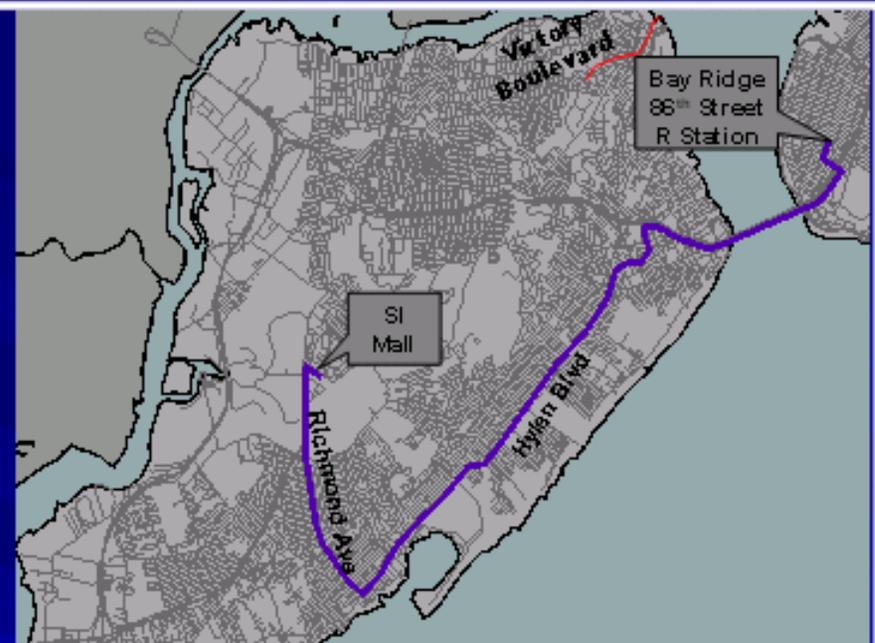
**Lead Agency:** NYCDOT

**Next Steps:**

- Register consultant contract
- Conduct study

## Medium Term Recommendation #7 - Bus Service: Bus Rapid Transit (BRT) Enhancements

- As part of BRT Study consider dedicated bus lane and other improvements on Richmond Avenue and Hylan Boulevard
- Signal Prioritization Pilot on Victory Boulevard



- Timeframe:** Study to be completed in 2006, Implementation FY '07
- Estimated Cost:** \$2.88 MM for citywide BRT Study
- Lead Agency:** MTA, NYSDOT, NYCDOT
- Next Steps:**
- Victory Boulevard Intelligent Traffic System Pilot in 2006
  - Bus Rapid Transit Conduct public meetings in late Spring 2006 to select 5 implementation corridors citywide

# Medium Term Recommendation #8 - Bus Service: Build New Bus Facility in Charleston

- Alleviate current overcrowding at Facilities
- Provide additional capacity for Staten Island bus operations



**Timeframe:** 2009  
**Estimated Cost:** \$115 MM  
**Lead Agency:** MTA  
**Next Steps:** Design-build contract scheduled to commence January 2007

## Medium Term Recommendation #9 - Highways: Expand Motorist Information System

### Complete implementation of Intelligent Transportation System on Staten Island Arterials

- Cameras, variable message boards, speed sensors, travel information for the public

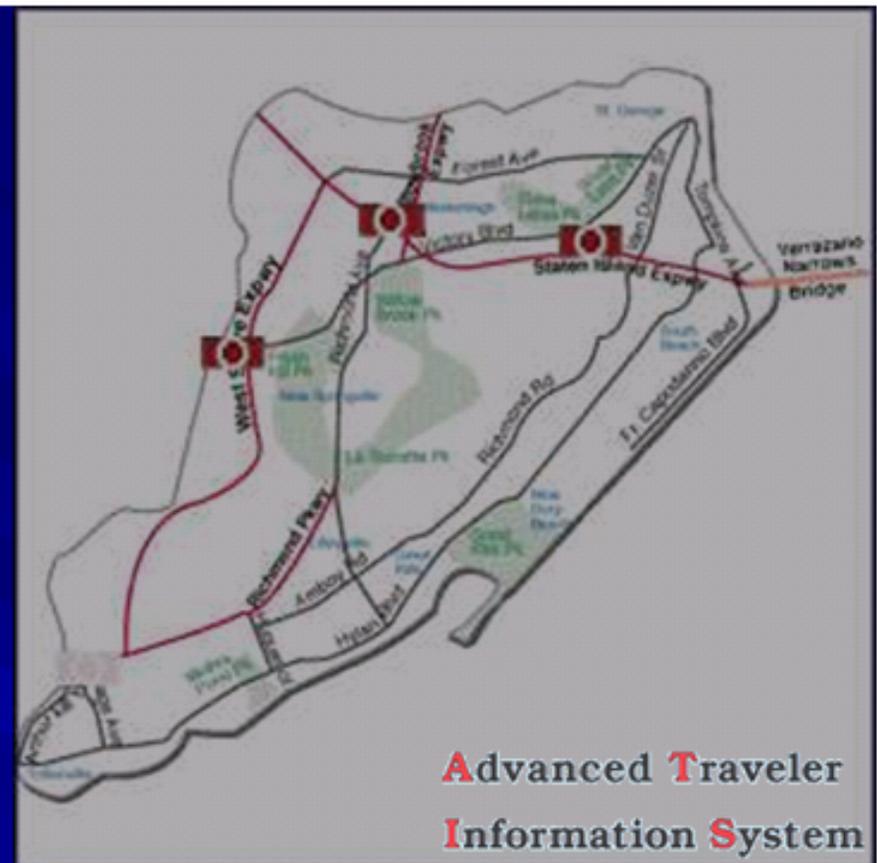
**Timeframe:** 2008

**Estimated Cost:** \$3 MM for pilot

**Lead Agency:** NYSDOT, NYCDOT

**Next Steps:**

- Letting expected April 2007 by SDOT for pilot to post real-time travel times on Variable Message Boards
- NYCDOT to implement ITS on Korean War Veterans Parkway



## Medium Term Recommendation #10 - Highways: Staten Island Expressway Improvements

- Reconfigure ramps to improve traffic flow at Clove Road and Hylan Boulevard
- Expansion of Median Bus Lane

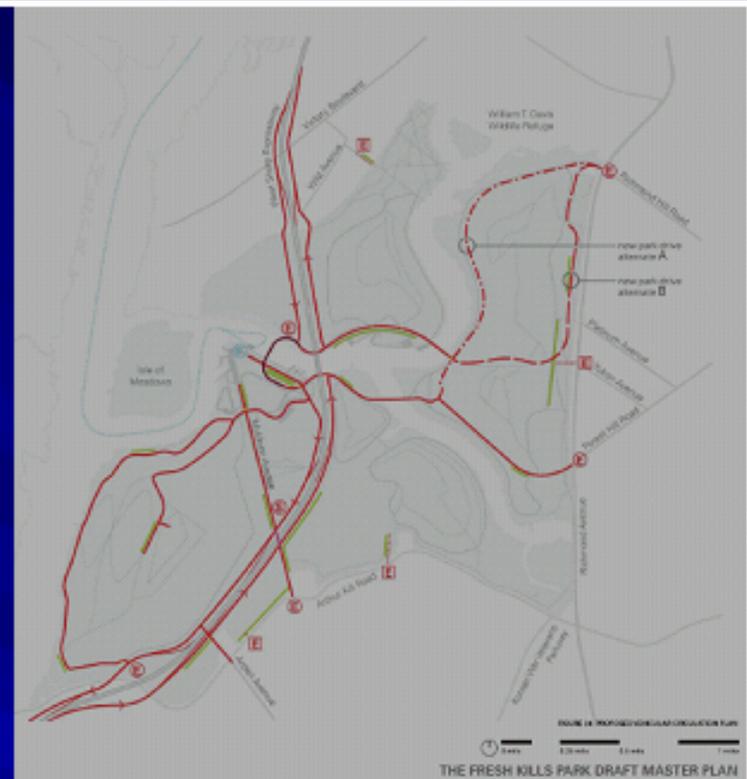


|                        |   |
|------------------------|---|
| <b>Timeframe:</b>      | Median Bus Lane study in 2006, results expected in 2007 |
| <b>Estimated Cost:</b> | TBD   |
| <b>Lead Agency:</b>    | NYS DOT   |
| <b>Next Steps:</b>     | - Hire consultant<br>- Conduct study                    |

## Medium Term Recommendation #11 - Roadways: Fresh Kills Road Connections

### Roadway construction

- Complete southern connector
- Initiate northern roadway



|                        |   |
|------------------------|---|
| <b>Timeframe:</b>      | Southern Roadway Construction FY '09  |
| <b>Estimated Cost:</b> | TBD   |
| <b>Lead Agency:</b>    | DCP, DPR, DSNY, NYCDOT, DDC   |
| <b>Next Steps:</b>     | <ul style="list-style-type: none"><li>- EIS about to get underway - explore 2 and 4 lane roadway configurations and connections</li><li>- Initiate design and capital project</li></ul> |

## Medium Term Recommendation #12 - Highways: West Shore Expressway Corridor Improvements

### Improve operational infrastructure along WSE corridor



**Timeframe:** Letting August 2008

**Estimated Cost:** \$25 MM

**Lead Agency:** NYSDOT

**Next Steps:**

- May need to re-scope to include Fresh Kills Connections and Charleston Traffic Study
- EIS may be needed, archeological issues not in current scoping
- Connections to Fresh Kills could be undertaken as separate project

## Medium Term Recommendation #13 - Rail Service: SIR Station and Security Enhancements

- New Arthur Kill Station and Park and Ride
- Rehabilitation of 3 station houses
- Installation of CCTV and Help Point Intercoms at 20 stations



**Timeframe:** 2006-2009  
**Estimated Cost:** \$20.5 MM  
**Lead Agency:** MTA  
**Next Steps:**  
- Draft design specifications  
- Determine station house locations



Medium Term Recommendation #14 -

**Roadways: North Shore Land use and Transportation Study**

**Coordinated study  
of North Shore  
land use and  
transportation  
needs**



**Timeframe:** Following completion of the DCP West Shore Study  
**Estimated Cost:** TBD  
**Lead Agency:** DCP  
**Next Steps:** - Inventory North Shore issues and concerns

## Medium Term Recommendation #15 - Greenways: 17 Mile Greenway Route Study

**Build proposed bikeway in concert with private development - balance route with traffic/safety concerns.**



**Timeframe:** Continuous review of on-going development proposals.  
**Estimated Cost:** Public benefit provided by private development.  
**Lead Agency:** DCP, DPR, NYCDOT  
**Next Steps:** Individual development projects to be reviewed jointly by city agencies.



# **MEDIUM-TERM RECOMMENDATIONS (2007-2009)**

## **■ Roadways**

- **Intersection Capital Projects - NYCDOT**
- **Cross Borough Access Projects - NYCDOT**
  - Forest Hill Road
  - Rockland Avenue
  - Richmond Hill Road
  - Arthur Kill Road
- **Hylan Boulevard Contra Flow Study - NYCDOT**
- **Fresh Kills Road Connections - DCP/DPR**
- **North Shore Land Use and Transportation Study - DCP**

## **■ Highways**

- **Expand Traveler Information System - NYCDOT/NYS DOT**
- **Staten Island Expressway Improvements - NYSDOT**
- **West Shore Expressway Corridor Improvements - NYSDOT**

## **■ Bus Service**

- **Bus Rapid Transit (BRT) on Hylan Boulevard/Richmond Avenue - NYCDOT/MTA**
- **Build New Bus Facility on South Shore - MTA**

## **■ Rail Service**

- **SIR Station and Security Improvements - MTA**

## **■ Greenway**

- **17 Mile Greenway Route Study - DCP**

**LONG TERM RECOMMENDATIONS  
(8 Initiatives in 2010 and Beyond)**

## Long Term Recommendation #1 - Roadways: Roadway Improvement Projects

### Prioritize and Implement Roadway Improvement Projects including

- Realign Bloomingdale Road
- Widen Woodrow Road
- Realign Manor Road



**Timeframe:** In capital plans for FY '10 -'15

**Estimated Cost:** \$67.1 MM

**Lead Agency:** NYCDOT

**Next Steps:** 8 projects scheduled between 2010 and 2015

## Long Term Recommendation #2 - Roadways: Build Out Englewood Avenue

**Extend Englewood Avenue to Fairview Park and Bricktown Retail Complex from West Shore Expressway overpass**

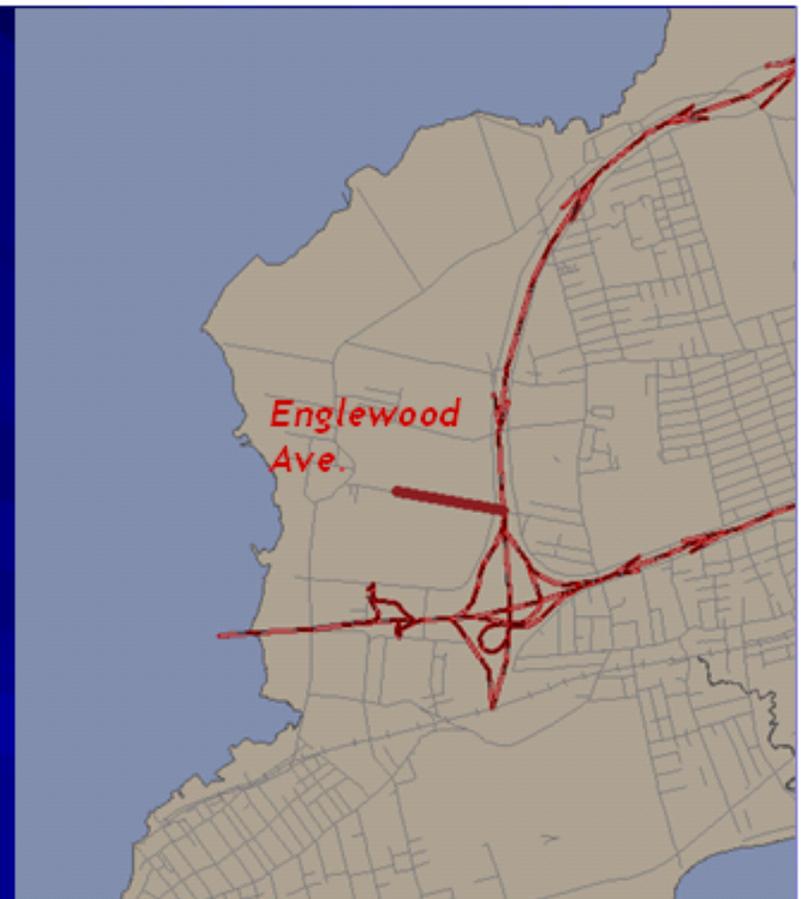
**Timeframe:** 3+ years

**Estimated Cost:** TBD

**Lead Agency:** City of New York

**Next Steps:**

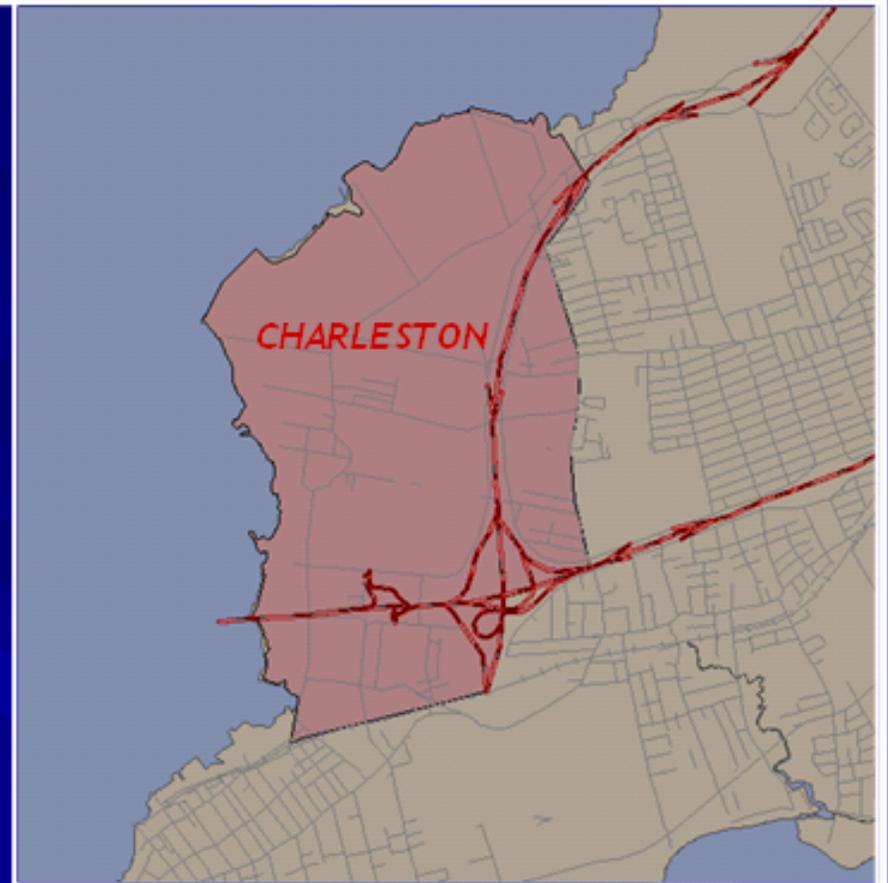
- Scope of project to be determined and capital plan initiated
- Privately owned and Parks owned property likely required.



## Long Term Recommendation #3 - Roadways: Charleston Area Improvements

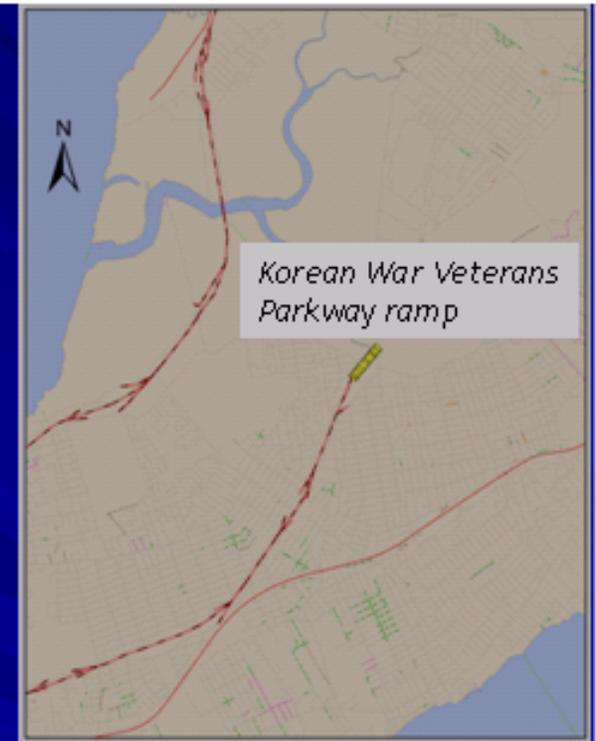
### Public/Private Construction of Roads

- Timeframe:** TBD
- Estimated Cost:** TBD
- Lead Agency:** City of New York
- Next Steps:**
- Determine existing developer plans in area
  - Determine roadways construction plan



**Long Term Recommendation #4 -  
HIGHWAYS: Build Ramp at Terminus of Korean War Veterans Parkway**

**Improve connection to  
local road network from  
Korean War Veterans  
Parkway to Richmond  
Avenue**



**Timeframe:** Repaving of KWVP in 2010 then proceed with construction of ramp

**Estimated Cost:** \$40 MM

**Lead Agency:** NYSDOT

**Next Steps:**

- SDOT will work with stakeholders to finalize preferred alternative
- Determine timeline impact of DEP Brookville Landfill truck use of KWVP

## Long Term Recommendation #5 - Bridges: Goethals Bridge Replacement

Replace with signature crossing providing:

- transit/HOV capability
- improved traffic flow
- bike/ped access, and
- enhanced structural integrity



Photo: Goethals Bridge Replacement EIS Newsletter #1, Fall 2004. [www.panynj.gov](http://www.panynj.gov)

**Timeframe:** FEIS/ROD expected Fall 2007, New Crossing on line by 2013  
**Estimated Cost:** \$47 MM for planning/conceptual engineering  
**Lead Agency:** The Port Authority of New York and New Jersey  
**Next Steps:**

- Continue EIS process
- PANYNJ Board action anticipated Fall 2007 based on current DEIS schedule

## Long Term Recommendation #6 -

# Bus Service: Utilize New Facilities to Improve Bus Service

**Improve speed, reliability and accessibility of bus network by restructuring bus service to utilize planned Staten Island facilities**



**Timeframe:** Potential Bus Rerouting to Utilize New Facilities (2010+)  
**Estimated Cost:** TBD  
**Lead Agency:** MTA  
**Next Steps:** - Monitor bus travel times, reliability and accessibility on current alignments, including existing XBL segment

Long Term Recommendation #7 -  
**Rail Service: Replacement of SIR Car Fleet**

**Improve customer  
travel experience  
and maintain safe  
reliable service**



**Timeframe:** 2013-2014  
**Estimated Cost:** \$100 MM  
**Lead Agency:** MTA  
**Next Steps:** Prepare car specifications, incorporate into 2010-2014  
MTA Capital Program

## Long Term Recommendation #8 - Ferry Service: South Shore Ferry Service

**Provide a south shore commuting alternative via a private ferry reducing vehicular congestion on major arterials**



**Timeframe:** TBD  
**Estimated Cost:** Funding from PANYNJ (\$5.6MM), Parks Department (\$6 MM)  
**Lead Agency:** City of New York  
**Next Steps:**  
- South Shore sites identified  
- Market Study to be completed (EDC/NYCDOT)

# LONG-TERM RECOMMENDATIONS (2010 and beyond)

## ■ Roadways

- Roadway Improvement Projects - NYCDOT
  - Bloomingdale Road
  - Manor Road
  - Woodrow Road
- Build out Englewood Avenue - City of New York
- Charleston Area Improvements - City of New York

## ■ Highways

- Build Ramp at Terminus of Korean War Veterans Parkway - NYSDOT

## ■ Bridges

- Goethals Bridge Replacement - PANYNJ

## ■ Bus Service

- Utilize New Facilities to Improve Bus Service - MTA

## ■ Rail Service

- SIR Replacement of Fleet - MTA

## ■ Ferry Service

- South Shore Fast Ferry Service - City of New York



**PROJECTS FOR FURTHER CONSIDERATION**  
**(5 Projects that are Capital Intensive and Require Strong  
Political Support)**

**Project for Further Consideration #1 -  
Roadways: Extension of Father Capodanno Boulevard**

**Determine Feasibility of  
extending through  
Miller Field /Gateway  
Recreational Center to  
connect to New Dorp  
Beach Area and  
alleviate Hylan  
Boulevard congestion**



## Project for Further Consideration #2 - Roadways: Explore Building Willowbrook Parkway

Determine feasibility  
of building  
Willowbrook Parkway

- connecting to the  
College of Staten  
Island and other  
alternatives



## Project for Further Consideration #3 - Highways: Staten Island Expressway

- Determine ways to make SIE service roads more continuous
- Consider "HOT Lane" to fund future investments in the Staten Island Expressway



# Project for Further Consideration #4 - Rail or Bus Service: North Shore Right of Way

Reactivate Right of Way

- Follow-up to  
feasibility study  
completed in 2004

Alternatives include

- Bus Rapid Transit
- Heavy/Light Rail



**Project for Further Consideration #5 -  
Bus Service: Create Connection between SI and Hudson  
Bergen Light Rail via Bayonne Bridge**

**Initiate bus service  
between Staten Island  
and Hudson-Bergen  
Light-Rail**



# PROJECTS FOR FURTHER CONSIDERATION

## ■ Roadways

- Extension of Father Capodanno Boulevard
- Explore Building Willowbrook Parkway

## ■ Highways

- Staten Island Expressway
  - HOT Lane
  - Continuous Service Roads

## ■ Rail or Bus Service

- North Shore Right of Way
- Bus connection between Staten Island and Hudson Bergen light rail via Bayonne Bridge

*Note: These projects have large capital costs and require strong political support.*

# STATEN ISLAND TRANSPORTATION PLAN

- *Discussion*

- *Next steps (next 90 days)*

- *Community Board presentations to solicit further input*
- *Task Force presentations on the web*
- *Draft consultant scope of work and hire consultant*
- *Interim meetings with transportation partners/agencies*
- *Draft "final report"*

- *Next Meeting Date -June 26th*