

St. George Ferry Terminal Ramps



c Julian Olivas 2006



Staten Island Community Board #1
May 11, 2010

Design Build Team

New York City Department of Transportation

Division of Bridges – Design Build

Conti of New York

- URS Inc.
- Zetlin Strategic Communications Inc.
- AECOM, USA Inc. - Donna Walcavage landscape
- SI Engineering
- FTL Associates
- Leni Schwendinger – Light Projects Ltd.

The Design Build Process

Single contract for design and construction

NYCDOT - Design-Build Program *since* 1994

Franklin Avenue Shuttle over Fulton Street, 1998

Ridge Boulevard and 3rd Avenue over Belt Parkway, 1999

Belt Parkway over Ocean Parkway, 2002

More efficient project delivery

Funded by FTA through ARRA

Goal

To reconstruct the ferry terminal ramps while maintaining all operations and minimizing disruption to the public

Objectives

- Bring all existing ramps to a “state of good repair”
- Improve pedestrian and cyclist access
- Improve circulation within the bus ramps
- Engage stakeholders throughout the process



Scope

- Rehabilitate 7 vehicular ramps and decks
- Reconstruct the North Ramp
- Perform structural steel repairs
- Remove and repaint steel structures
- Reconstruct bus canopies
- North Municipal Parking Lot - *Improve drainage and pavement*
- Rehabilitate Employee Breezeway
- Conduct Richmond Terrace Corridor Traffic Study

Project Schedule

NTP: July 27, 2009
Total Contract Duration: 1307 Days
Design: 320 days
Construction: 987 days

Anticipated Completion: February 2013

Current Operations:

Concrete encasement removal
TV inspection of drainage system
Construction survey
Installation of shield over TWIC area

Hours of operation

Daytime 7 a.m. to 3:30 p.m. (*with occasional night work*)
Incentive/Disincentive \$16,000 per day (\$3.2M cap)
Liquidated Damages \$3,000 per day

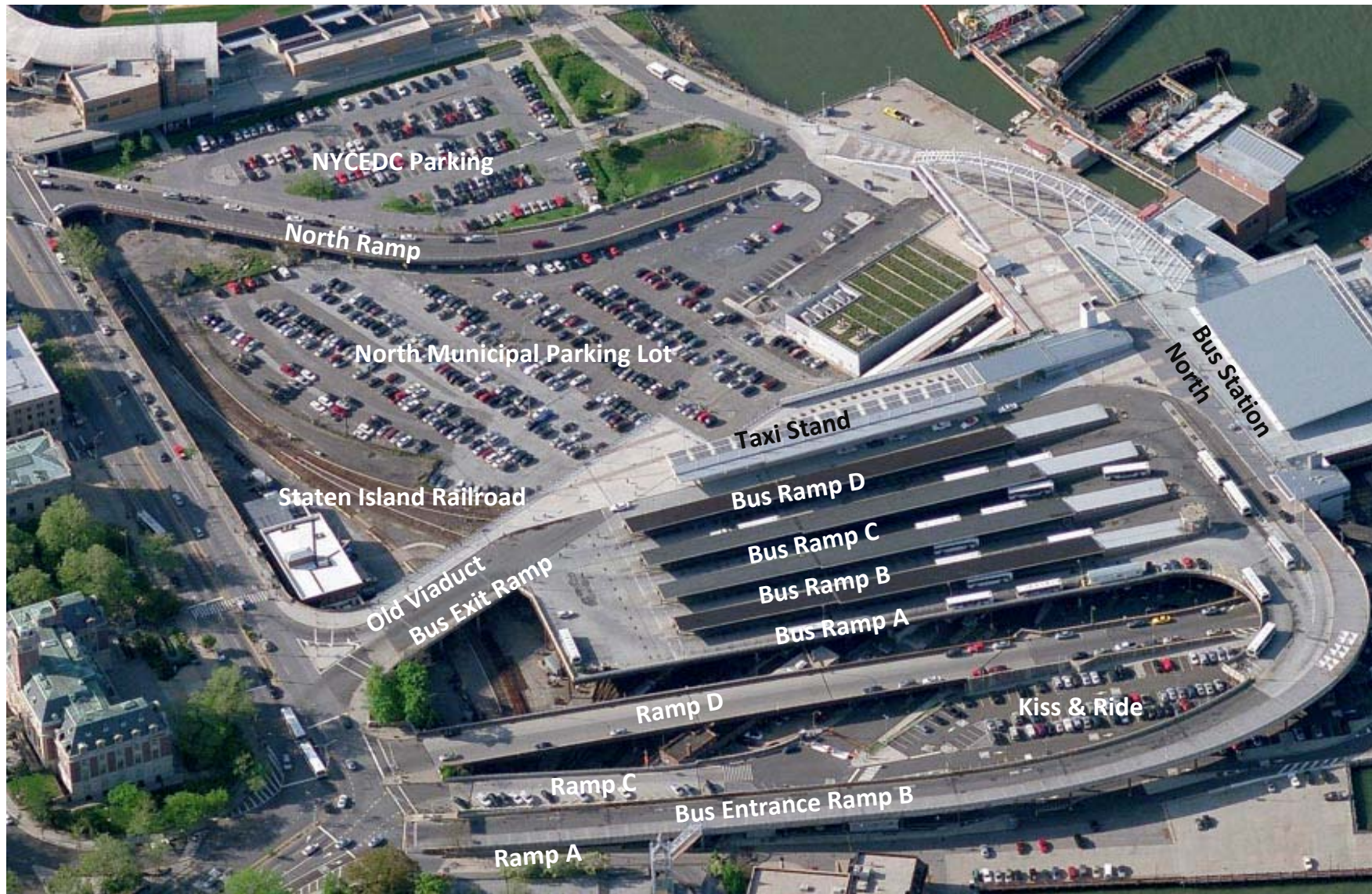
Short Term Look Ahead - (May 2010)

Abrasive Blasting
Pre-Stage MPT
Relocate the taxi stand to the North Municipal Parking Lot

Long-er Term Look Ahead - (August 2010 – July 2011)

Closure of Ramp D
Kiss & Ride two-way operation
Old Viaduct two-way operation with two bus gates under construction
Commence New North Ramp Construction
Rehabilitate Employee Breezeway

Existing Terminal and Ramp Site



Community Context

St. George Residential Community

Municipal Area

Staten Island Borough Hall

Staten Island Courthouse

Staten Island Institute of Arts & Science

Richmond County Bank Ballpark

St. George Theater

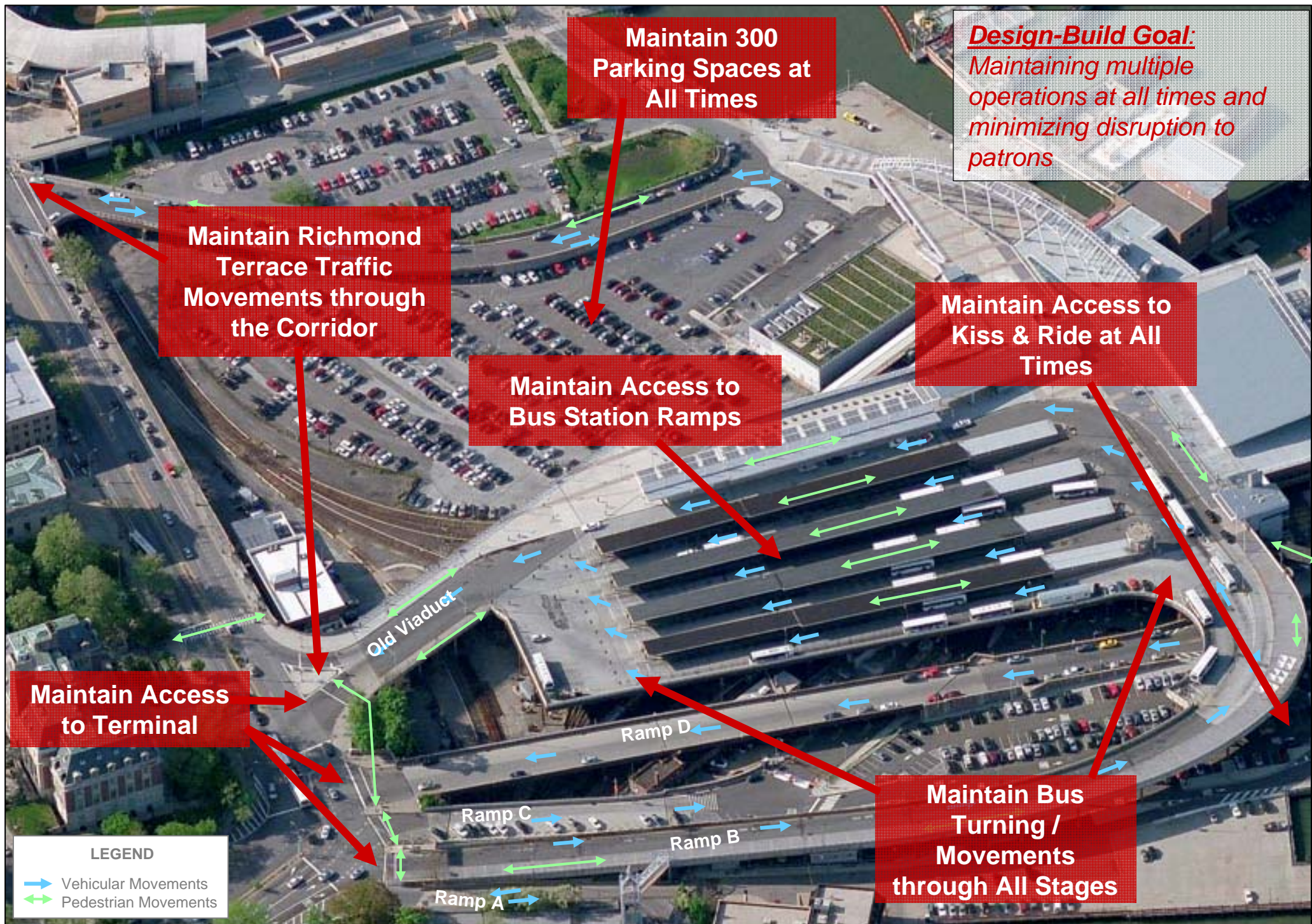
Local High Schools

Ralph R. McKee

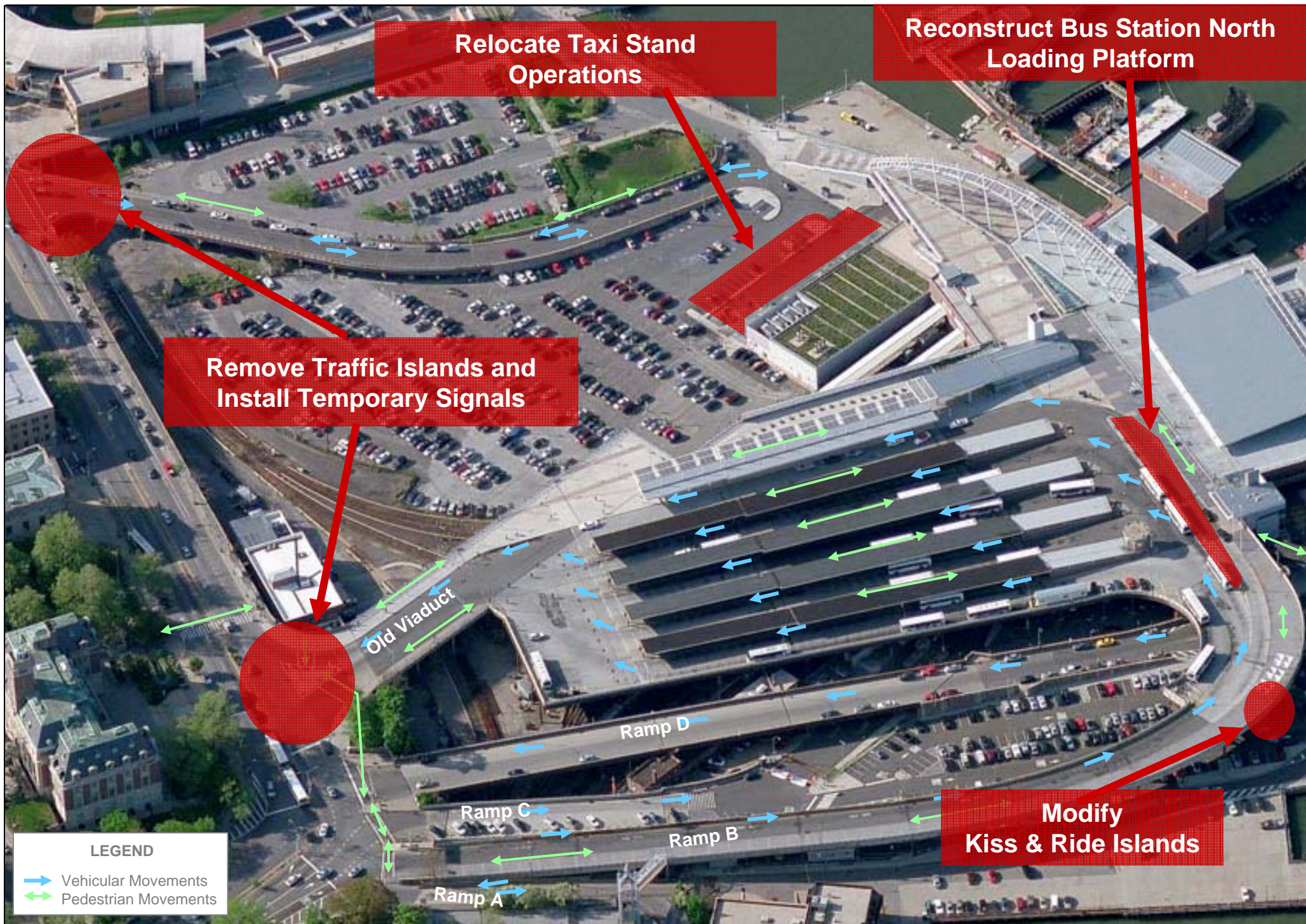
Curtis

New York Public Library

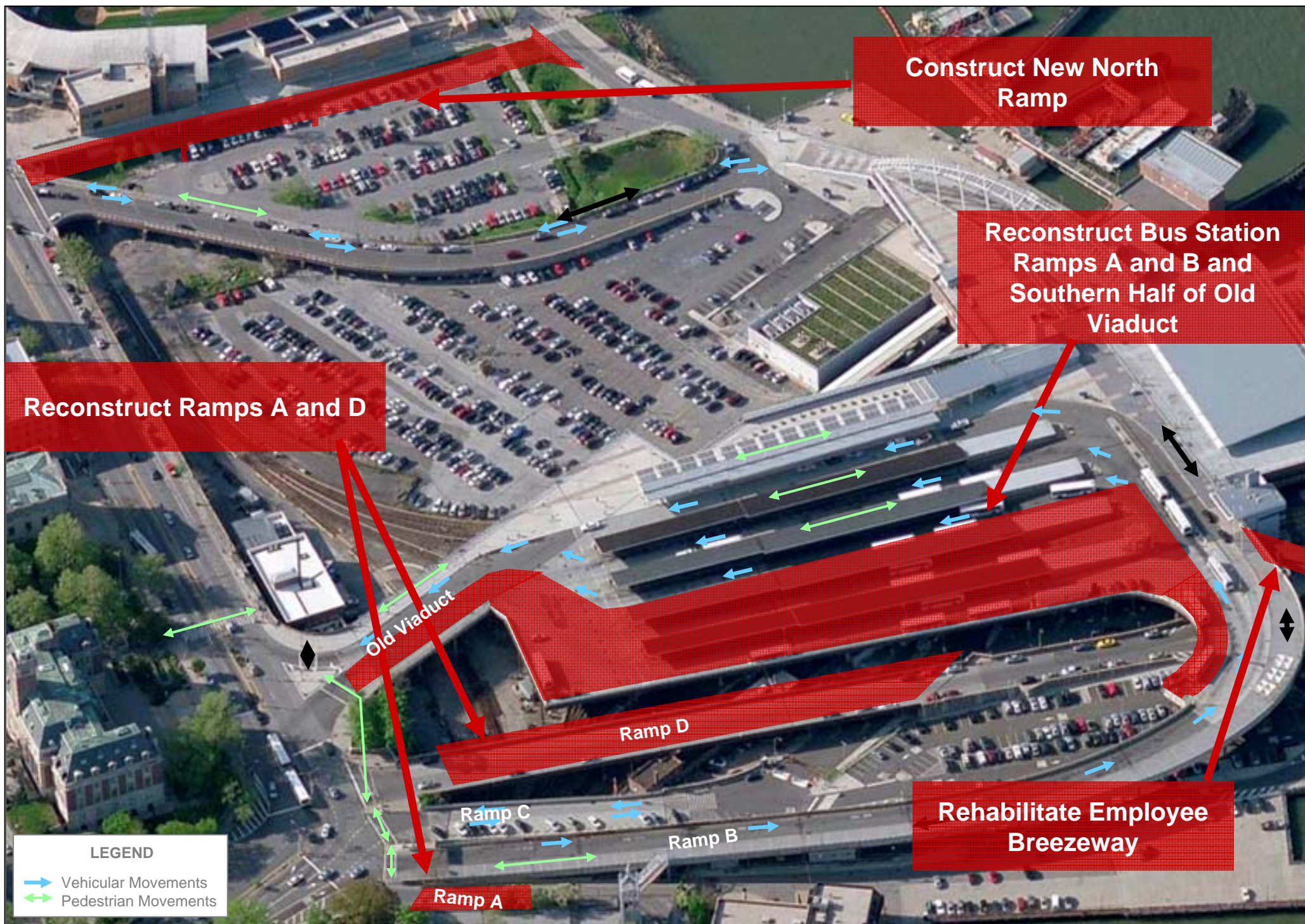




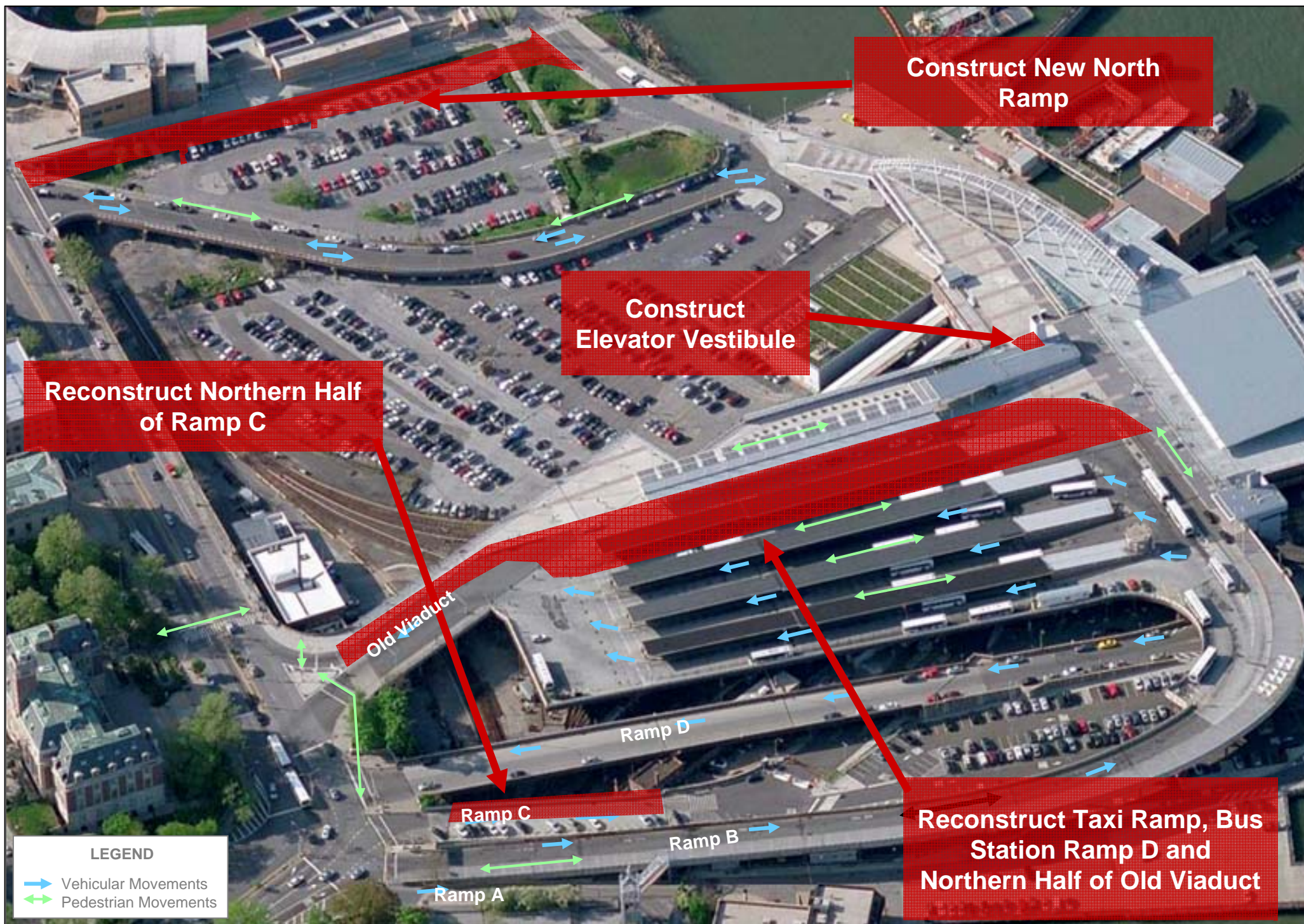
Maintenance & Protection of Traffic



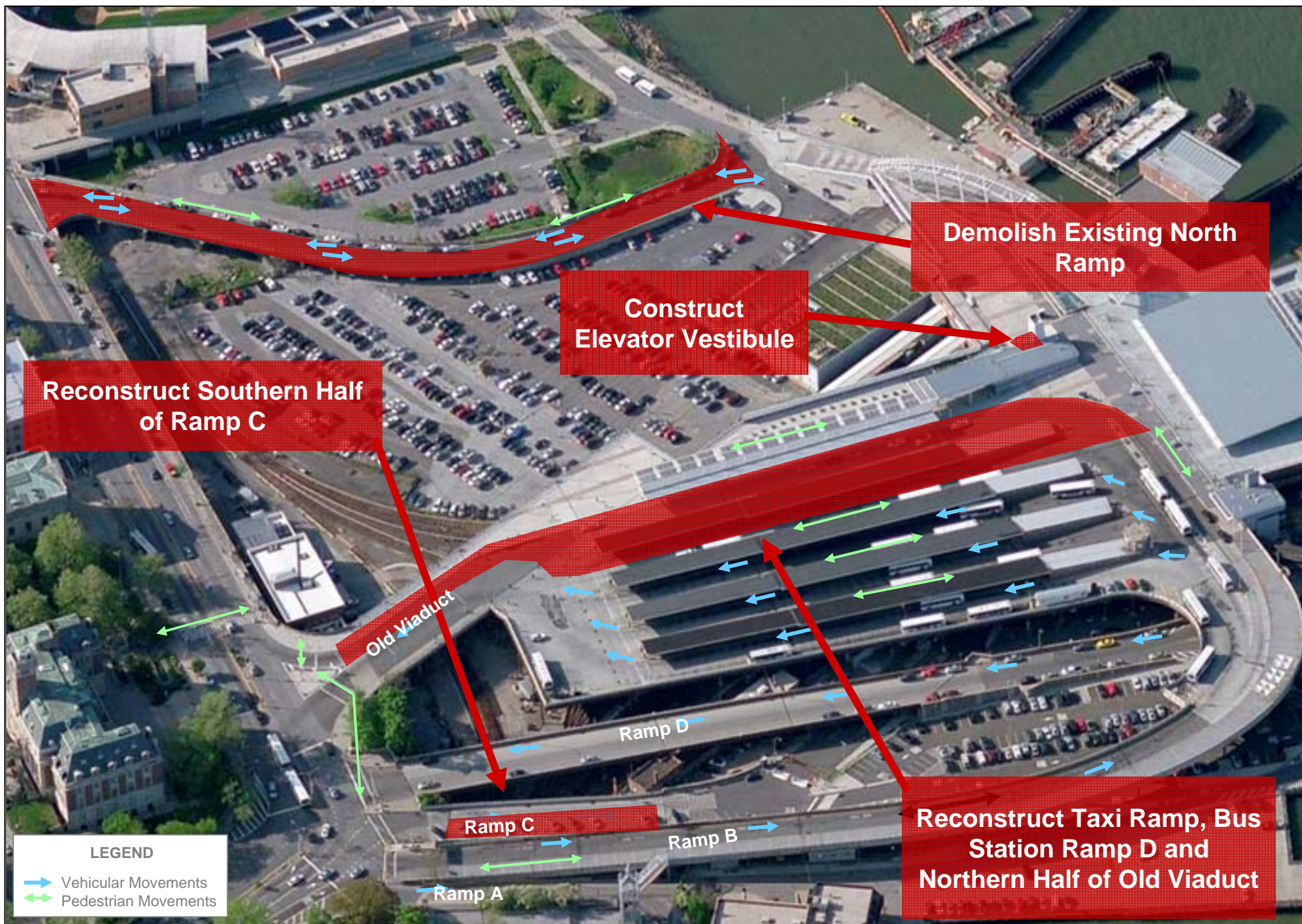
Pre-Stage – 3 Months



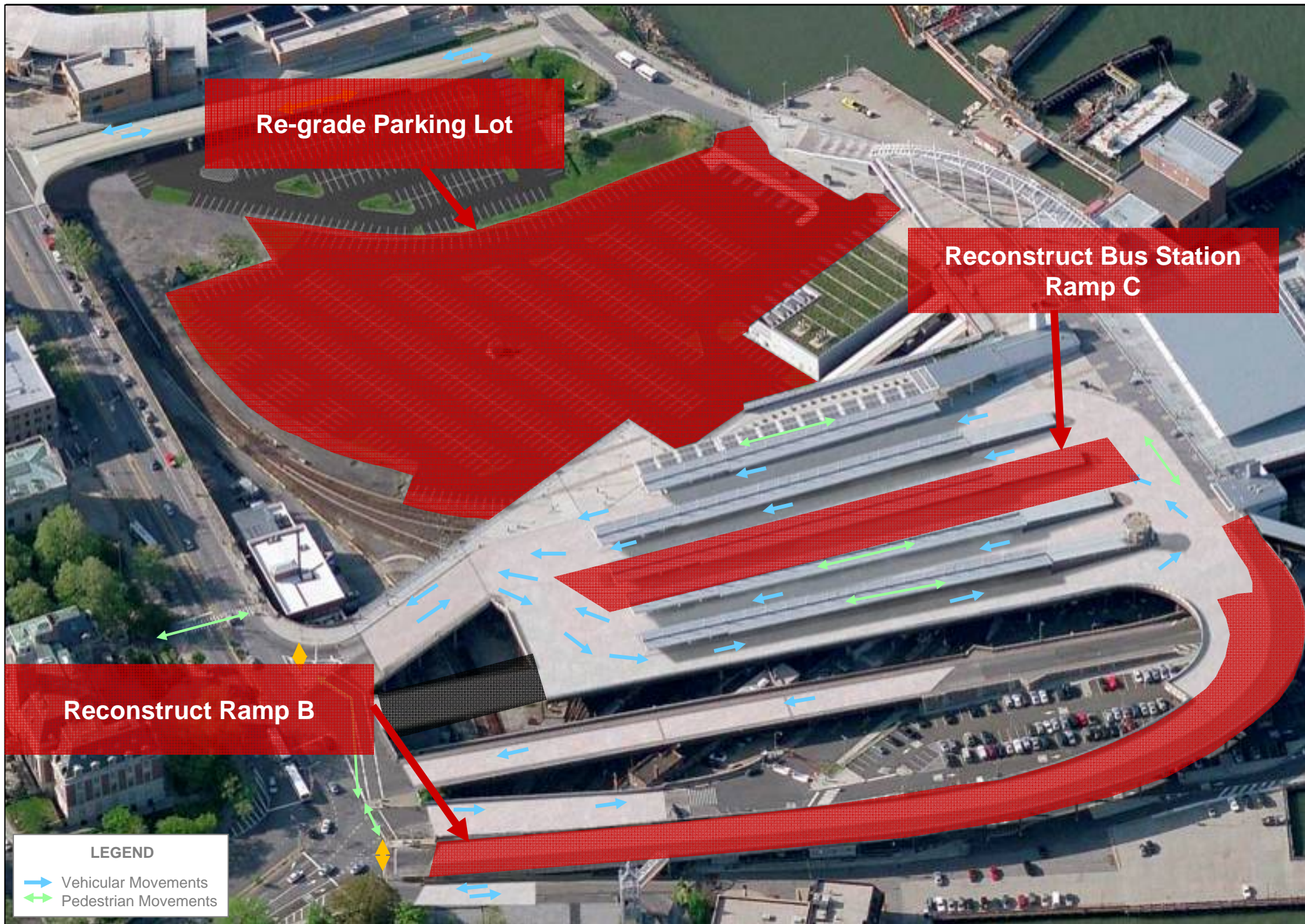
Stage 1 – 11 Months



Stage 2a – 5 Months

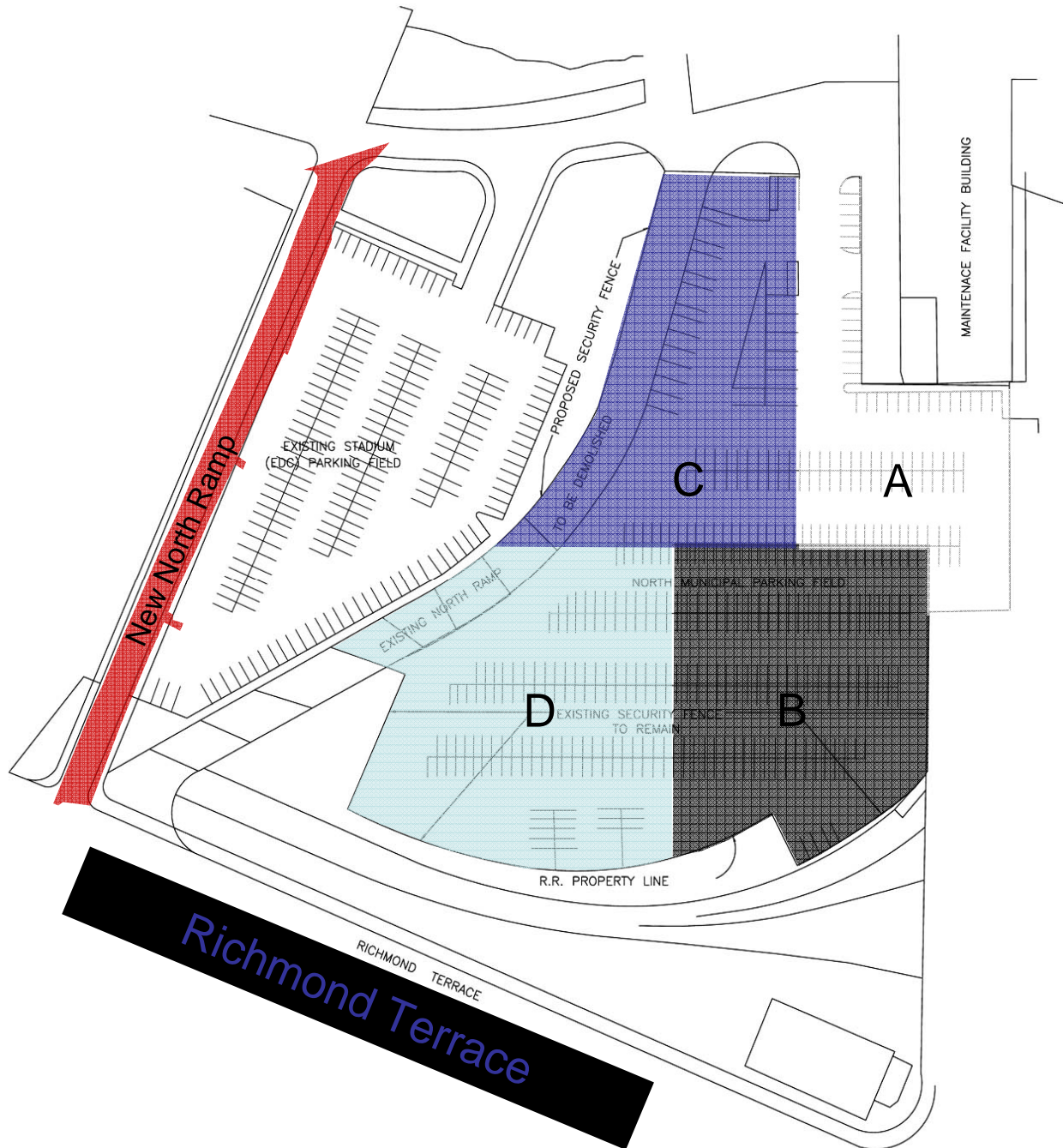


Stage 2b – 4 Months



Stage 3 - 9.5Months

Maintenance & Protection of Traffic Stage 3

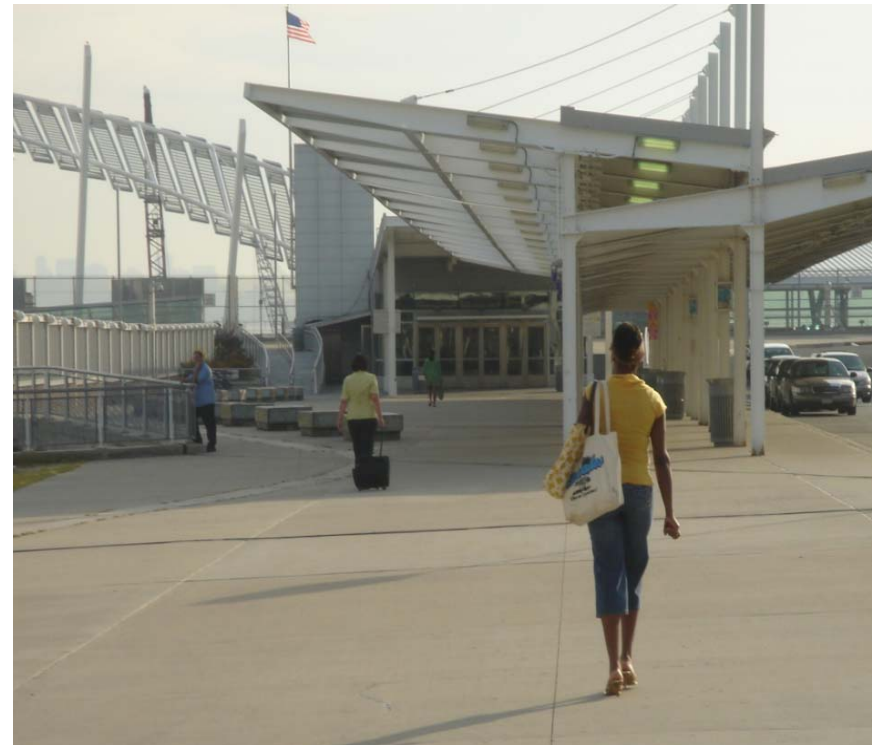


North Municipal Parking Lot

- Maintain 300 parking spaces during each phase of reconstruction
- Multiple construction phases to maximize space count
- Construction sequence driven by drainage installation
- Total duration: 348 days

Architectural Design

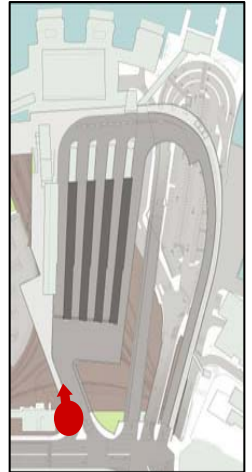
- Bus Canopies
- Pedestrian access:
 - From Richmond Terrace
 - Within Terminal Bus Ramps
- Bicycle Access
- Pedestrian Breezeway Roof
- Lighting
- Street Furniture
- Elevator Vestibule
- Rehabilitate Flute Sculpture



Design Elements :: Pedestrian Access Improvements :: Old Viaduct

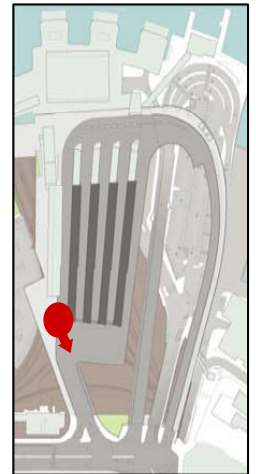
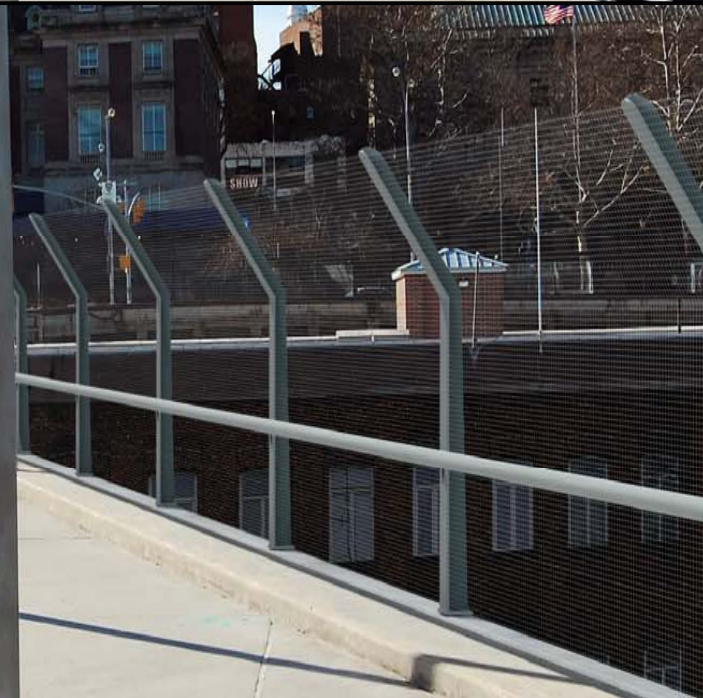
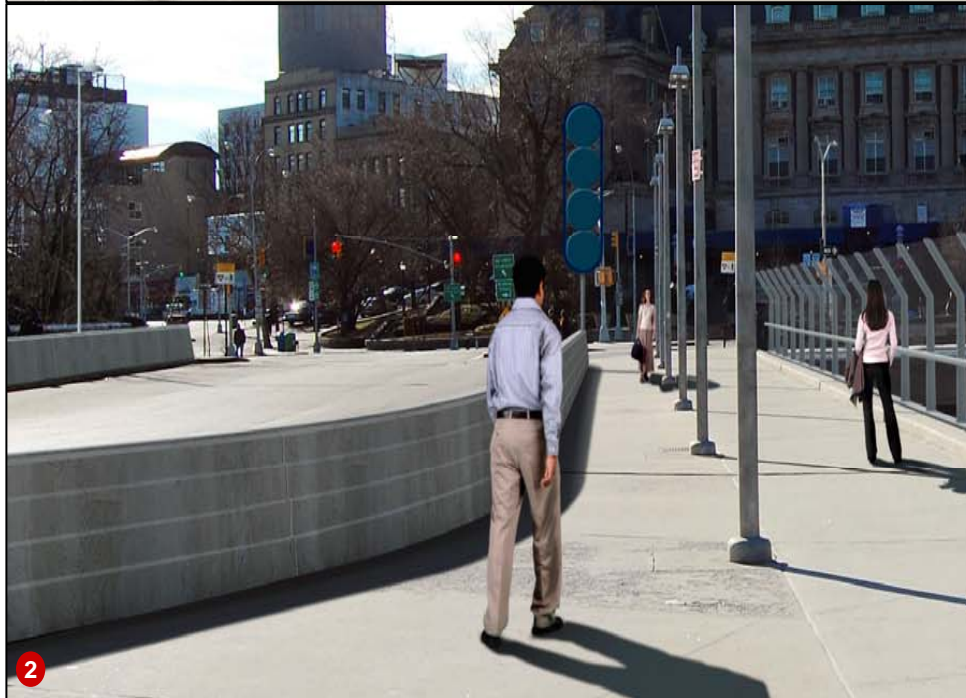


- 1 Existing Condition
- 2 Proposed Condition



Old Viaduct Pedestrian Access

Design Elements :: Pedestrian and Access Improvements :: Old Viaduct



- 1 Existing Condition
- 2 Proposed Condition



Bus Platforms and Canopies Existing Condition



Bus Platforms and Canopies Proposed Rehabilitation



Bus Platforms and Canopies Existing Condition



Bus Platforms and Canopies Proposed Rehabilitation



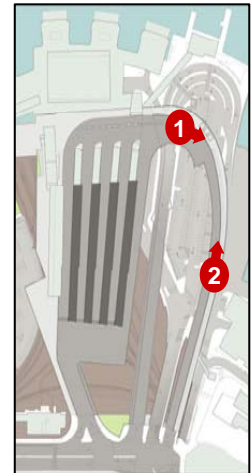
Ramp B Existing Condition



Bicycle Access Ramp B Proposed



Tensile Structures Refurbishment



Site Lighting: Helm Luminaire on 25' Round Pole



Site Furnishings: Benches



Deck and Ramp Painting

Tensile Structures, Lighting, Furnishings, and Painting



North Esplanade Extension

Community Outreach Plan

• Local Outreach

- St. George Community
 - ♦ St. George Civic association
 - ♦ St. George Theater
 - ♦ Downtown Staten Island Council
 - ♦ Staten Island Chamber of Commerce
- Staten Island Yankees Organization
- Local High Schools
- Borough Hall, Courts and Municipal Office Complex

• Island-Wide Outreach

- Commuters
- Community Boards
- Civic, Fraternal and Community Based Org
- SI Yankees Fans
- Public and Private Schools
- “Reverse Commuters”



Community Outreach

Understanding Our Island

- Different communities have different concerns
 - St. George Community
 - ◆ Direct Construction Impacts
 - Noise
 - Night work
 - Dust
 - Truck routes
 - Lead abatement
 - Island Wide
 - ◆ Commuting impacts
 - Parking availability - maintaining 300 spaces**
 - Bus relocations**
 - SIRT access**

Community Outreach Toolbox

- Onsite Community Outreach Liaison
- Electronic & Paper Notification Systems
- Project Brochure & Quarterly Newsletters
- Staten Island Advance
- On-board Ferry Outreach
- NYCDOT Website Updates

Funding



- 100% funded from ARRA Stimulus Funds
- Project cost: \$175 Million
- Largest fully-funded Stimulus Project in New York City
- Overseen by the Federal Transit Administration



Questions

