



**New Jersey DOT**

October 22, 2010

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**New Jersey Project Examples**



# NJDOT Bicycle and Pedestrian Policy

		<b>DEPARTMENT OF TRANSPORTATION POLICY/PROCEDURE</b>		Policy No. 703 Supersedes: 1-409 Page 1 of 2
<b>SUBJECT:</b> NJDOT Bicycle and Pedestrian Policy		Effective Date: 08-07-89	Commissioner Approval: Sponsor Approval: Pippa Woods Contact Telephone #: 530-8062	

I. PURPOSE

To outline Department Policy in regard to addressing bicycle and pedestrian travel in the planning, design, construction and operation of transportation facilities funded or processed by NJDOT, and the development and implementation of transportation programs.

II. DEFINITIONS

N.A.

III. POLICY

Bicycling and walking are viable and important travel modes and offer untapped potential for meeting transportation needs and providing recreational and health benefits. Provisions for bicycling and walking are important and necessary elements of comprehensive solutions to transportation problems and needs. Opportunities should be actively sought to address transportation needs and deficiencies through the provision of bicycle and pedestrian accommodations. These modes can also supplement transit use and replace motor vehicle trips by serving short trips.

It is the Department's policy to provide non-motorized travel options by routinely integrating bicycling and walking into transportation systems and promoting bicycling and walking as a preferred choice for short trips.

Bicycle and pedestrian issues will be routinely addressed as part of the activities of all units of the Department. Basic research and data gathering efforts should include data collection and analysis for the non-motorized modes. Beginning at the earliest stage of needs analyses and problem definition, and continuing through the entire project development process, bicycle and pedestrian travel needs shall be incorporated in the planning, scoping, design, construction, and management of all transportation projects and programs funded or processed by the NJDOT.

Transportation facilities are to be designed and constructed, and maintained to accommodate use by bicycle and pedestrian traffic. Additionally, independent projects will be initiated to address bicycle and pedestrian access and safety needs or opportunities and correct deficiencies in the transportation system which will inhibit the use of these modes. Where needs or opportunities are identified, roadway improvements, bikeways, walkways or other facilities intended to encourage or support travel by bicycle or walking should be designed and constructed.

IV. AUTHORITY

N.J.S.A. Title 27

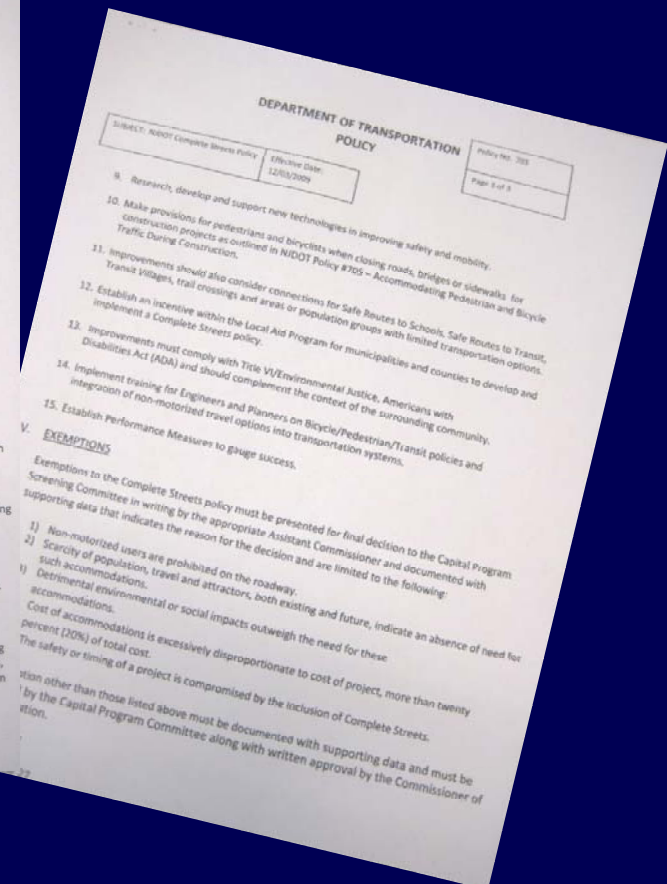
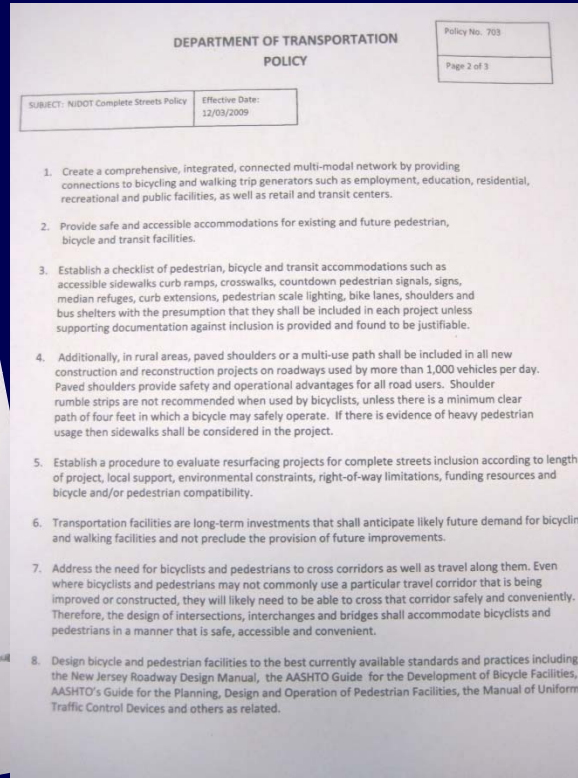
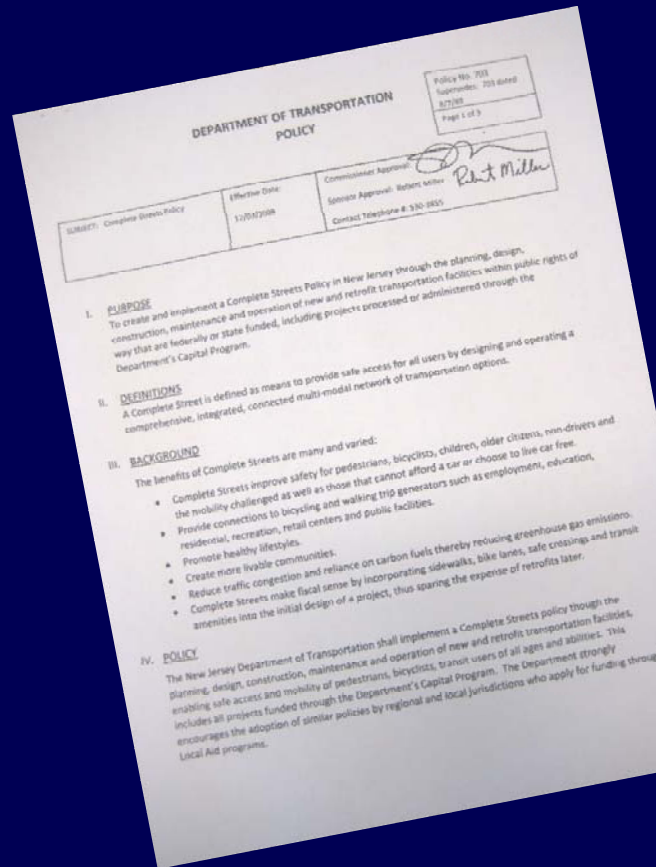
## ➤ Policy No. 703 (August 7, 1989)

➤ “Opportunities should be **actively sought** to address transportation needs and deficiencies through the provision of bicycle and pedestrian accommodations.”

➤ “Where needs or opportunities are identified....bikeways, walkways or other facilities intended to encourage or support travel by bicycle or walking should be designed and constructed.”



# NJDOT's Complete Streets Policy



Signed

December 2009



# Route 36 Bridge – Highlands Boro Sea Bright Boro

A new bridge replaced an old lift bridge.  
New bridge accommodates B/P.



# **Route 36 Bridge – Highlands Boro Sea Bright Boro**

A new bridge replaced an old lift bridge.  
New bridge accommodates B/P

**New North and South Pedestrian Bridges**  
12' Wide with 10' Walkways

***South Pedestrian Bridge*** : Provides Continuity to the ocean side of Ocean Avenue

***North Pedestrian Bridge*** : Provides Connectivity from the North Sidewalk to the Ocean Side of the National Parks Roadway where a new multi-use path has been constructed connecting the existing path within NPS in Sea Bright

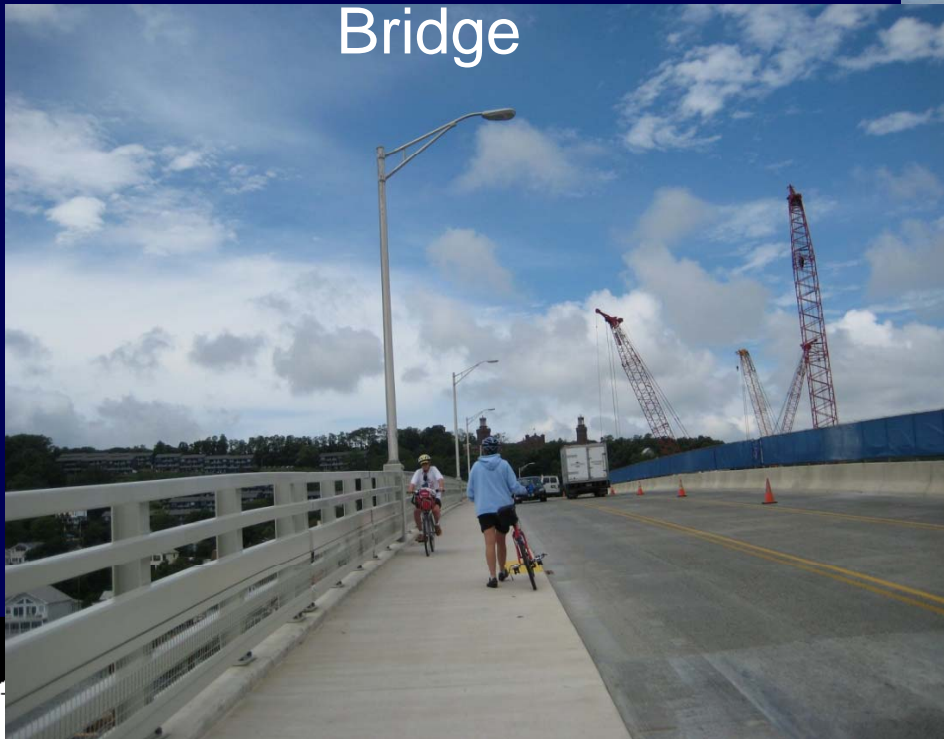




# Route 36 Bridge – Highlands Boro Sea Bright Boro

A new bridge replaced an old lift bridge.  
New bridge accommodates B/P.

Sidewalk on Newly  
Constructed South Half of  
Bridge



Pedestrian Bridge on  
Sea Bright side

# Route 52 Bridge, Ocean City

A new bridge replaced 4 spans linked together.  
New bridge accommodates B/P.



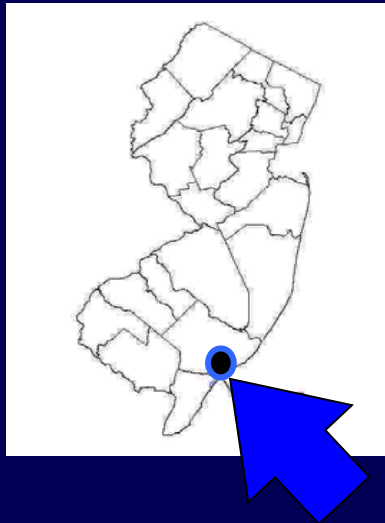
## Route 52 Causeway Replacement & Circle Elimination Project

### *Bicycle and Pedestrian Access*





# Project Overview - Where?





# Project Overview - What?



Replacement of Four Bridge Structures

Removal of Somers Point Traffic Circle

Traffic Operational Improvements



# Bicycle / Pedestrian Accommodations



Bicycle  
10 Feet wide  
Compatible  
Shared-Use Path  
Shoulder



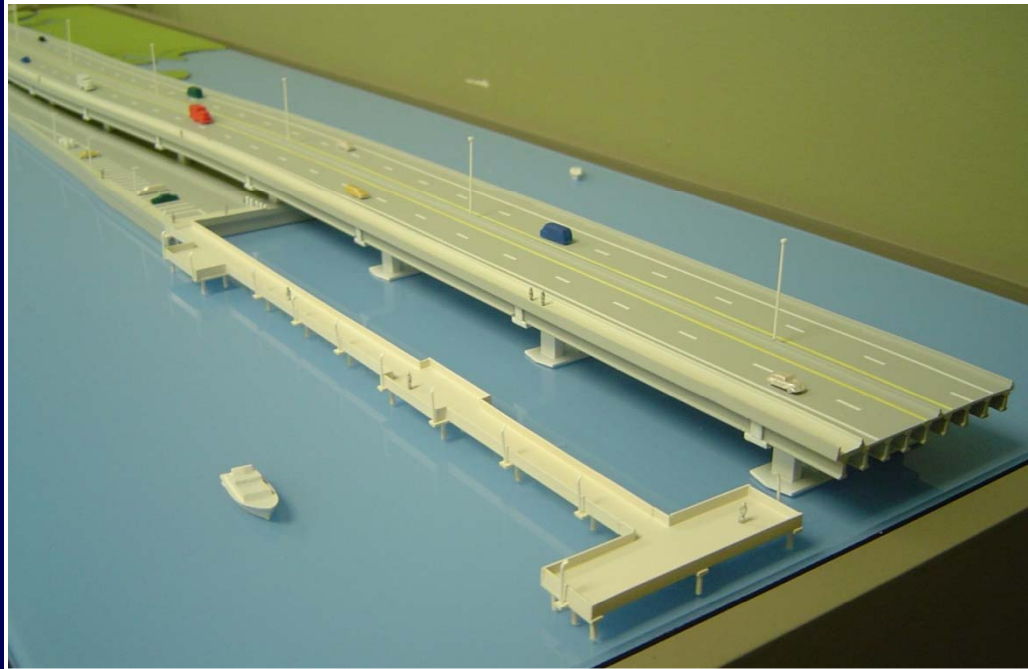


# Previous “Fishing Pier”





# New Causeway – Rainbow Island

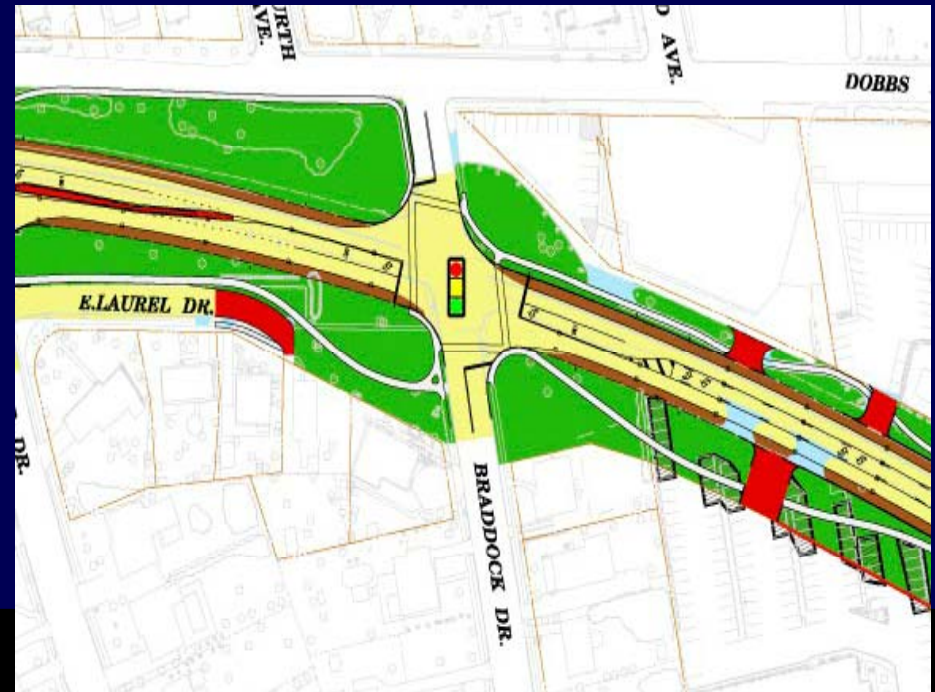
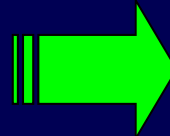
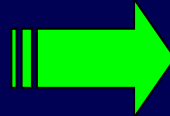


# Somers Point Enhancements





# MacArthur Boulevard (Route 52)





# Existing Project Site Conditions



# Roadway Elements – Ocean City



- ❖ Re-profile Ninth Street
- ❖ Construction of 10' Shared Use Walkway
- ❖ Ocean City Gateway





# Rt. 18 2F - Project Context

## ➤ Transportation

- Major Central NJ Route
- Route U.S. 1, Route 27
- NE Corridor Railroad
- Access to New Brunswick
- Access to Rutgers





# Local Issues

- **Quality of Life**
- **Minimize Improvements**
- **Pedestrian/Bicycle Accessibility**
- **Urban Renewal**
- **Reconnect City to Raritan Waterfront**



# Common Vision – Design Solutions

- Corridor Reconstruction (2 miles)
- **New Sidewalk & MUP (5 miles)**
- New Bridges (6)
- Retaining Walls (22)
- Noise Barriers (7)
- Sign Structures (16)
- **New Signalized Intersections (2) & Signal Improvements (7)**
- **Pedestrian Underpass & Overpasses**
- **Boyd Park Amphitheater**
- **Boyd Park Entrance Promenade**
- **Boyd Park Extension (bulkhead rehab, esplanade, boat launch)**
- Minimal Overhead Utilities
- Architectural Treatments & Corridor Aesthetics

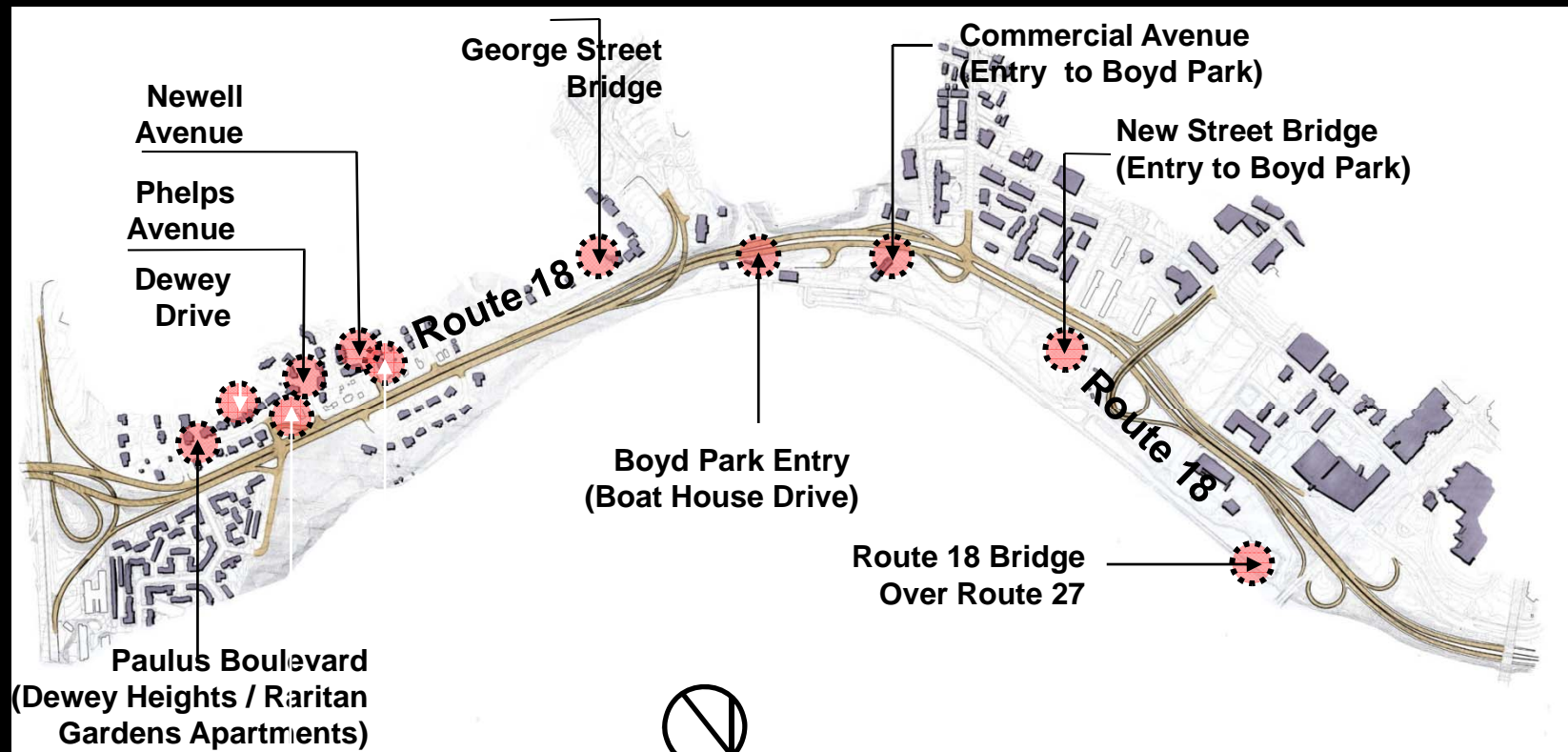


# Streetscapes & Multi-Use Paths

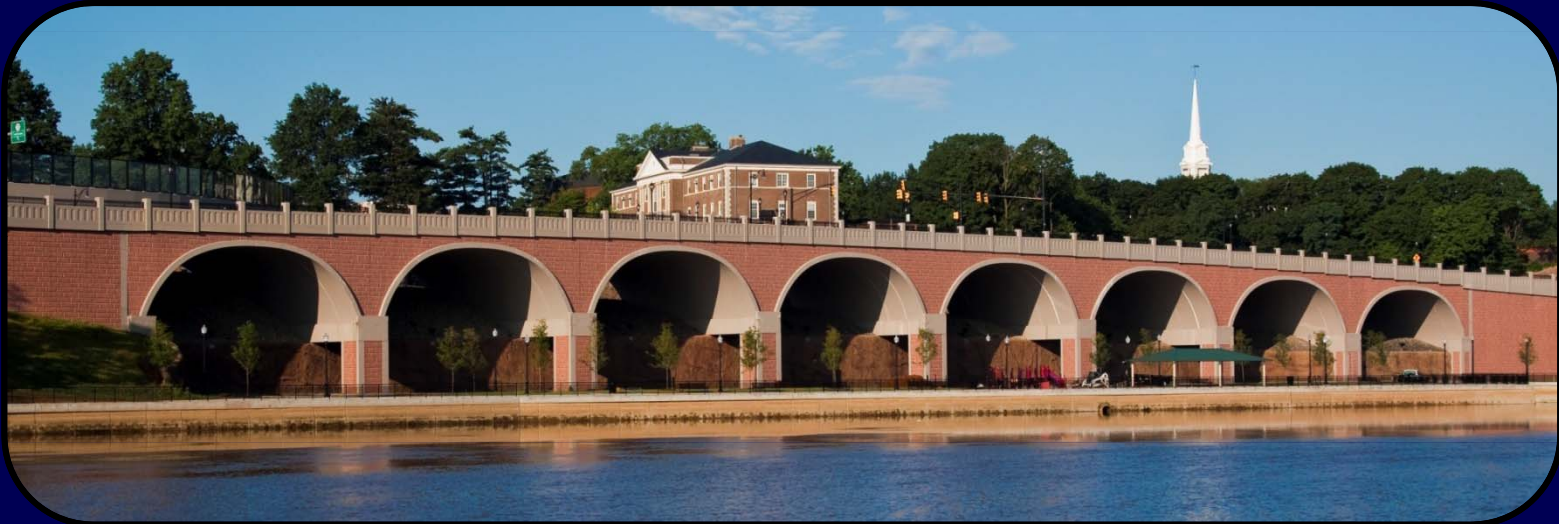




# Local Access & Adjacent Streets



# George Street Bridge





# Commercial Avenue Bridge





# New Street Bridge



# Albany Street Bridge





# Carpender Road Pedestrian Bridge

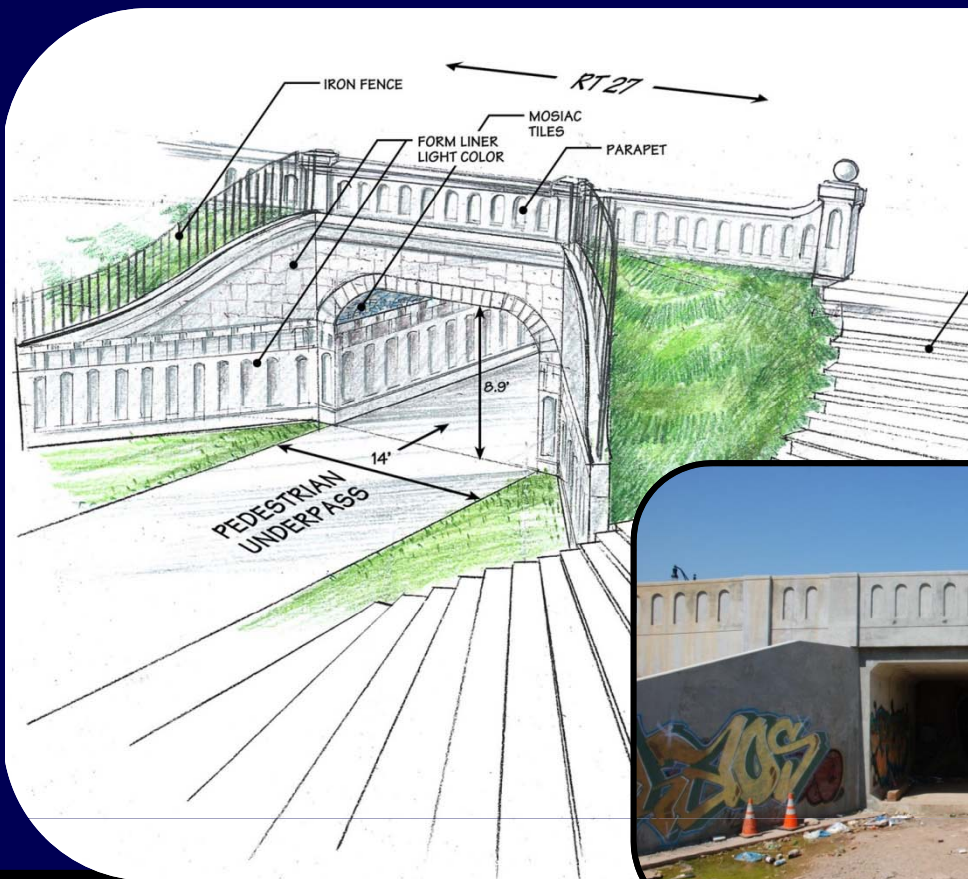


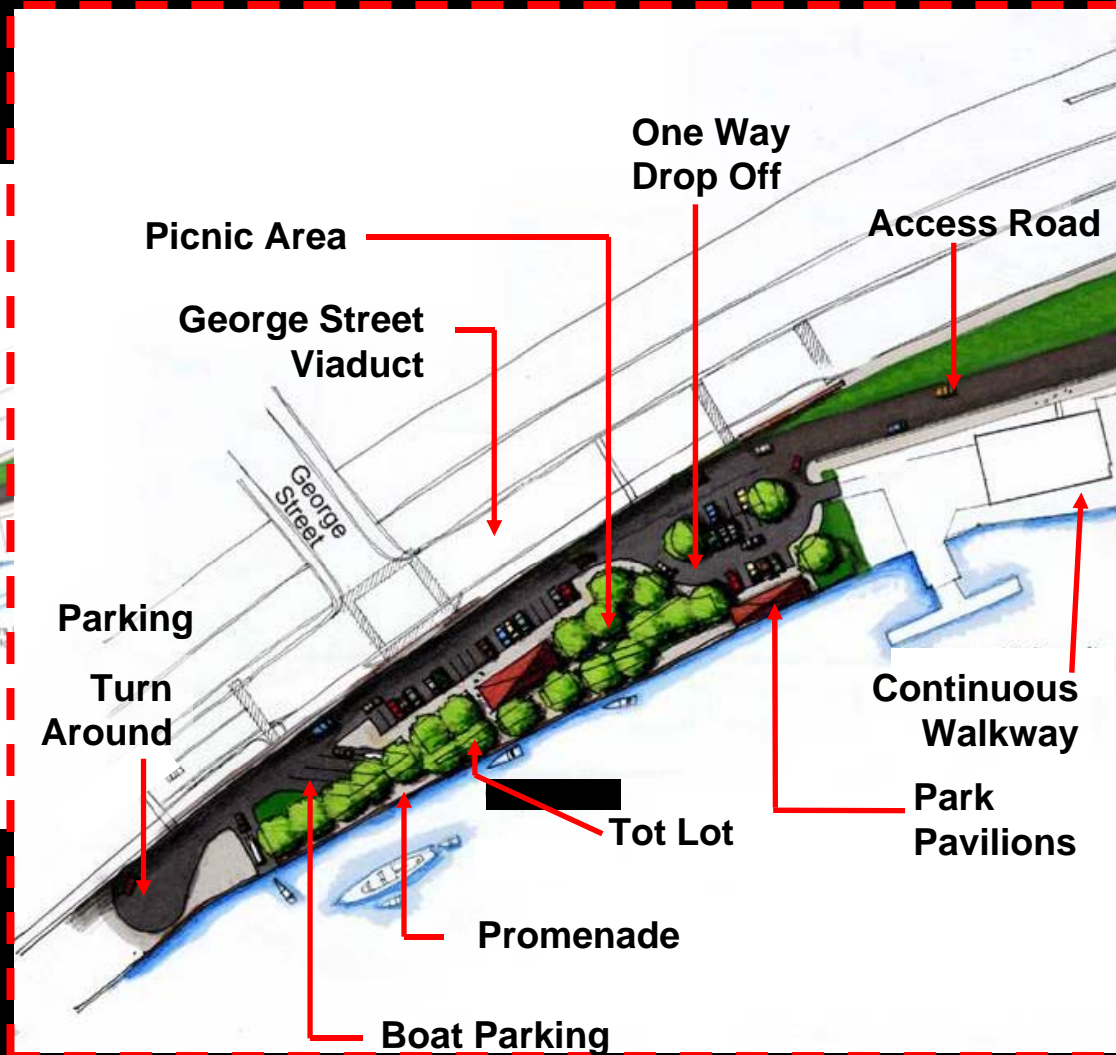


# Ramp Overpass Pedestrian Bridge



# Albany Street Pedestrian Tunnel



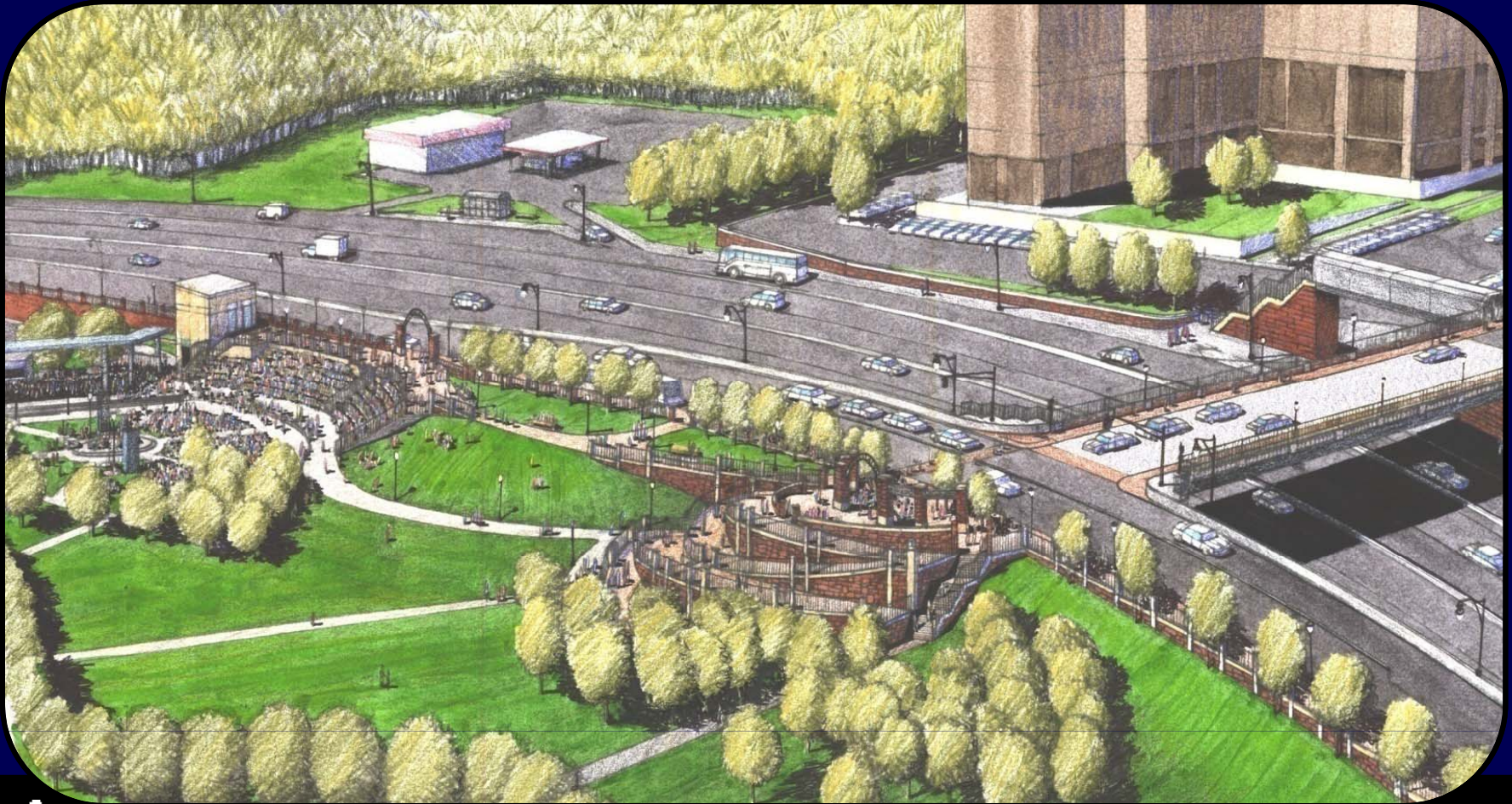




# City Docks



# Boyd Park Amphitheatre & Promenade





# Boyd Park Pavilion & Entrance





# Route 4 Pedestrian Mobility, Teaneck



**Non Continuous Sidewalk**



# Route 4 Pedestrian Mobility, Teaneck

## ***Complete Streets Elements:***

- Connectivity of Incomplete Sidewalks
- Access Blocked by Overgrown Vegetation
- Many Sidewalks not in ADA Compliance



# Route 4 Pedestrian Mobility, Teaneck

## ***Project will Provide:***

- Continuous Sidewalks
- ADA Curb Ramps
- Connectivity to Bus Stop Locations
- Safety Improvements Including:
  - Relocation of Crosswalk Locations
  - High Visibility Crosswalks
  - Advance Warning Signage
  - Pedestrian Activated Beacons w/ Push Button Assemblies

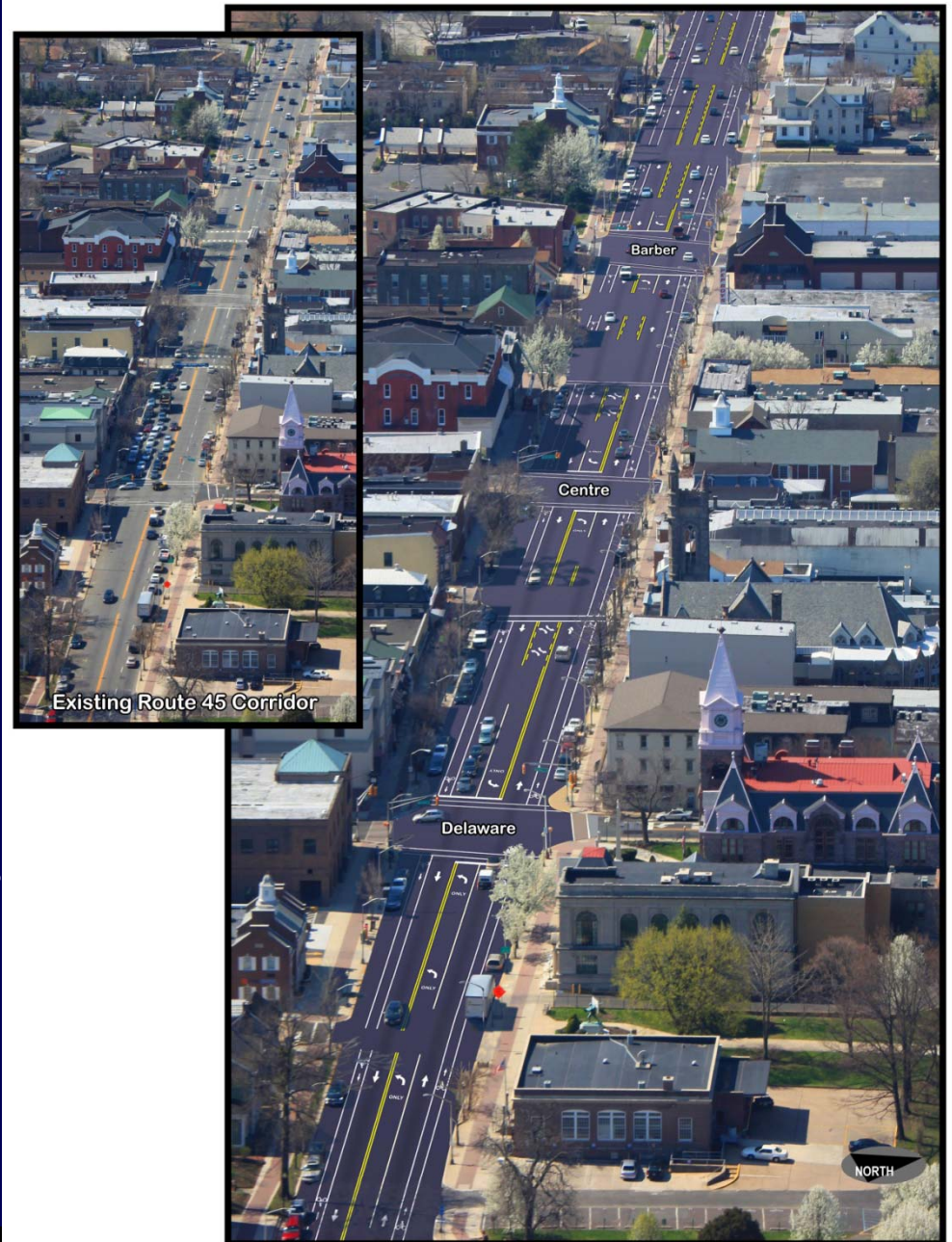




# Route 45, Carpenter Street to Red Bank Avenue **City of Woodbury**

## *Complete Streets elements:*

- ✓ Curb ramps upgraded to standards
- ✓ New Crosswalks
- ✓ New Signals including Pedestrian Countdown Timers
- ✓ Dedicated Bicycle Lanes
- ✓ Curb "Bulb-Outs" to reduce Crossing distances



NEW JERSEY DEPARTMENT OF TRANSPORTATION  
ROUTE 45 WOODBURY TRAFFIC STUDY  
CITY OF WOODBURY, GLOUCESTER COUNTY  
EXISTING & PROPOSED ROUTE 45 CORRIDOR AERIALS