Replacement Of
Route 36 Highlands Bridge
Over Shrewsbury River

June 21, 2007

New Jersey
Department of Transportation

ROUTE 36 BRIDGE

- Built in 1932.
- 35 Foot Movable Bridge.
  - Overall Height to Top of Towers – 68.5 Feet.
  - Height of the Movable Span- 110 Feet.
- Four Traffic Lanes without Shoulders.
- Sidewalks on Each Side.

CHARACTERISTICS

- Coastal Evacuation Route.
- Emergency Services Route.
- Vehicle use:
  - Summer: 30,000/day.
  - Off-season: 18,000/day.
- Vital Regional Link over Shrewsbury River.

EXISTING BRIDGE CONDITION: SAFETY

- Rapidly Deteriorating Conditions.
- Rated Worst Movable Bridge in New Jersey.
- Exceeds Anticipated Life Expectancy.

EXISTING BRIDGE CONDITION: RELIABILITY

- Cannot Efficiently Carry out Coast Guard Mandate on Bridge Openings.
- Bridge Opens 700 times Each Summer Season.
- Bridge Broke Down 14 Times Just in 2006.

EXISTING BRIDGE CONDITION: COST-EFFICIENCY

- Priority Maintenance Construction: $10 Million since 1991
- Emergency Maintenance :
  - Has Progressively Increased
  - Exceeding $1 Million Annually since 2005
- Annual Drawbridge Operation Costs : $400,000

OPTIONS

- Repair & Rehabilitate.
- Replace Existing Bridge with a Movable Bridge.
- Replace Existing Bridge with a Fixed Span Bridge.

OPTION ONE: REPAIR

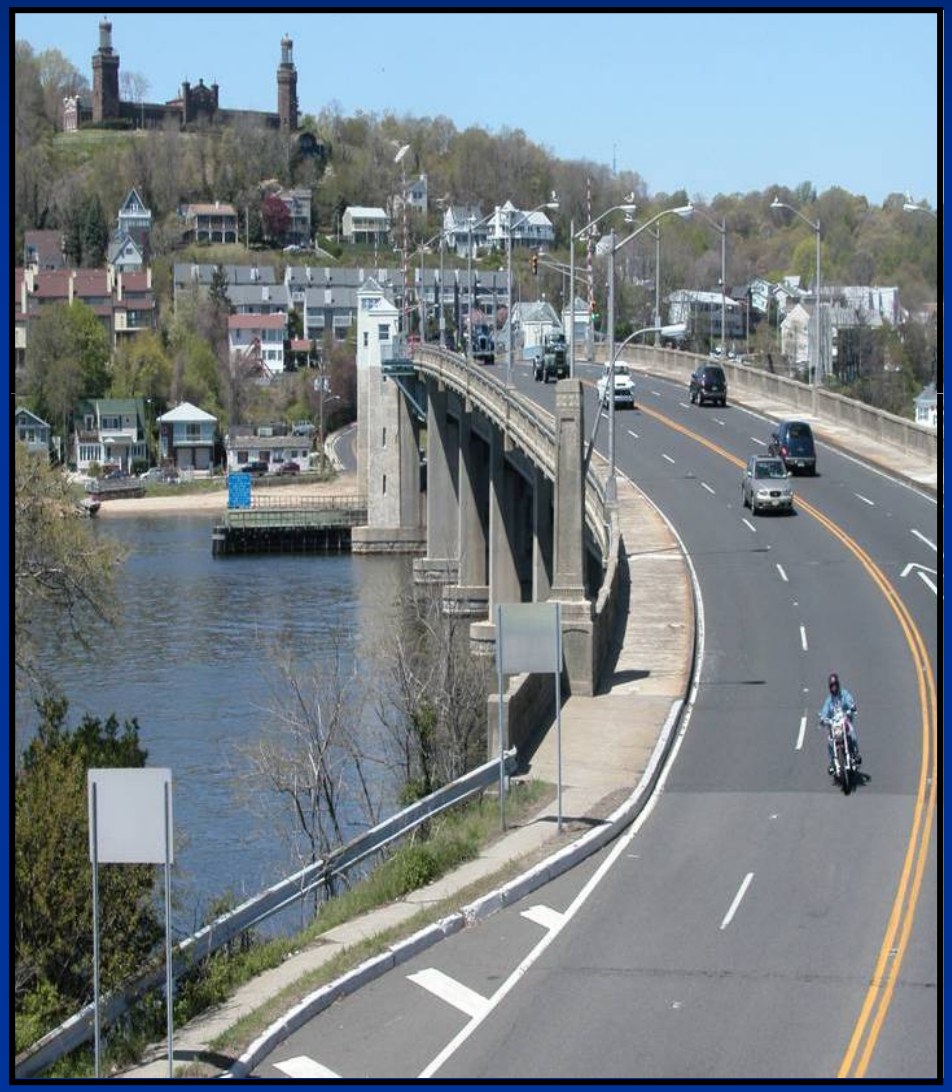
- Requires Extended Closure of Bridge and Detour of Route 36.
- Construction Costs Alone Range From $86 Million to $96 Million Based Upon 2007 Estimates.
- Rehabilitation will Yield Only 20 Additional Years Service Life.

OPTION TWO:
BUILD A NEW MOVABLE BRIDGE

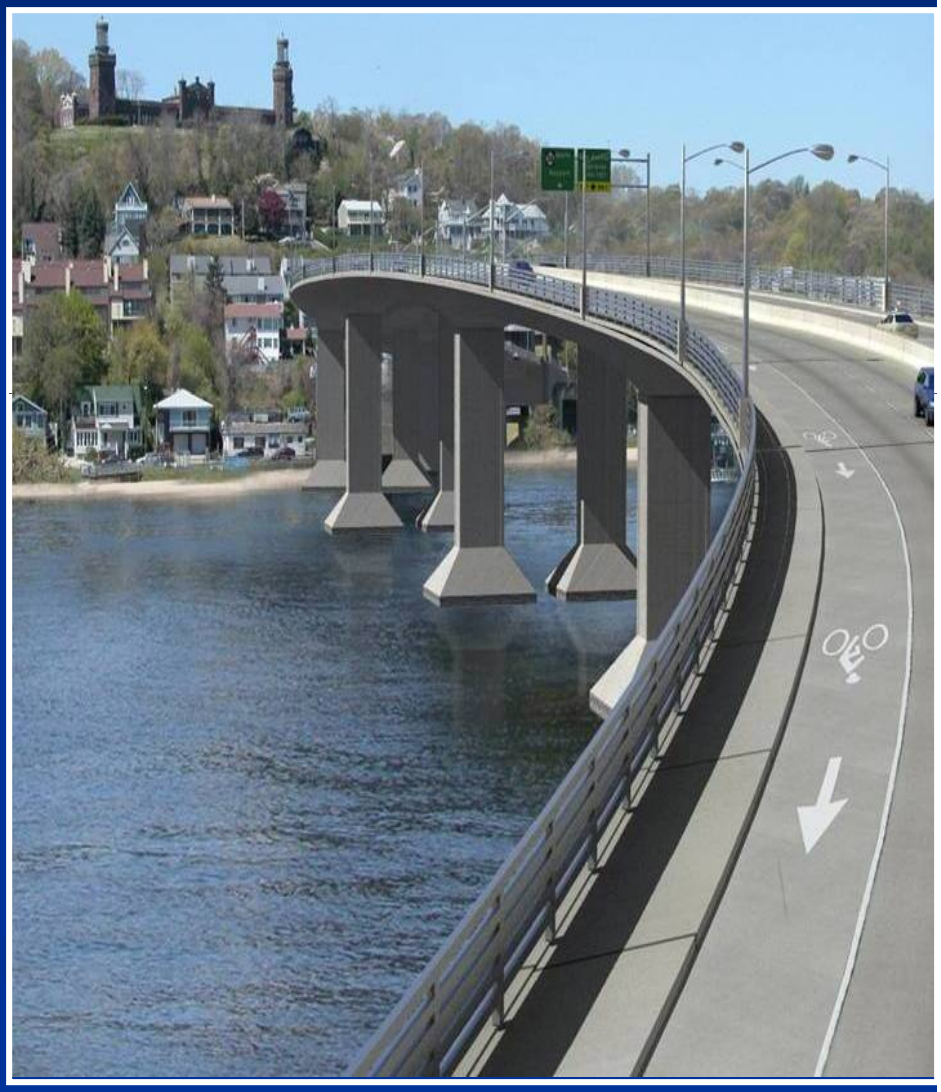
- Construction Costs Alone Exceed $150 Million
- Increased Environmental Impacts Including Historic Property
- Increased Community Impacts due to Additional Property Acquisition
- Long-term Operating and Maintenance Costs

OPTION THREE:
BUILD A NEW FIXED SPAN BRIDGE

Existing



Proposed



THEME THROUGHOUT DESIGN

"MINIMIZE"

Minimize Environmental Impact
Shorten Construction Duration
Avoid Environmentally Sensitive Areas

Minimize ROW Impact

Minimize View Shed Impacts:
Keep Structure Shallow
Reduce Number Of Piers In River
To Open View Shed
Material Choices/Colors to Match
Existing Bridge Lighting

AESTHETIC TREATMENTS

- Bridge Color / Surface Texture to Match Existing Bridge
- Granite Form Liners / Pier Columns
- Railings and Fencing-Lighting- Sign Structures
- Streetscape Elements - Monuments, Tile
- Retaining Walls

RETAINING WALLS

Existing

Proposed

STREETSCAPE ELEMENTS
MONUMENTS AND TILES - EXISTING

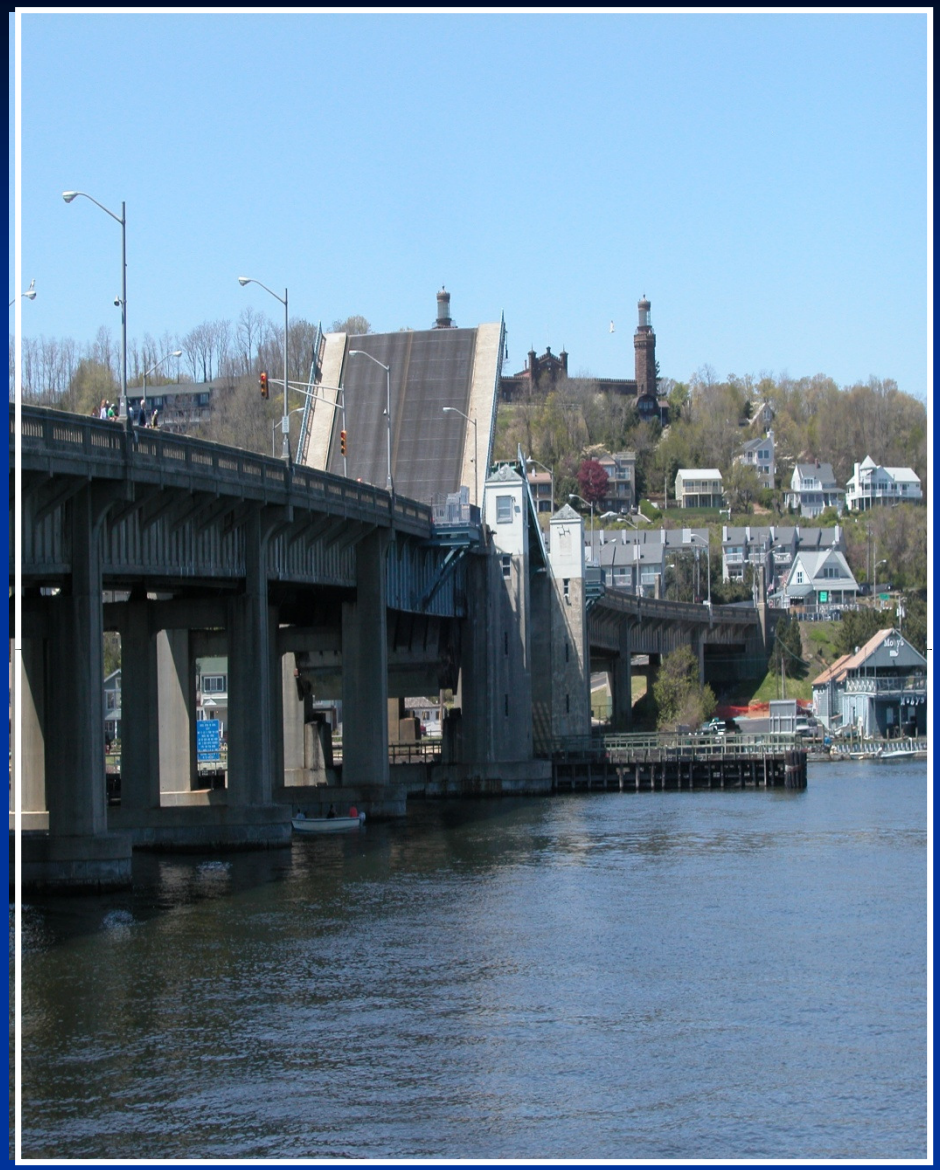
Preserve and Replicate

PEDESTRIAN BRIDGE

PROJECT COSTS

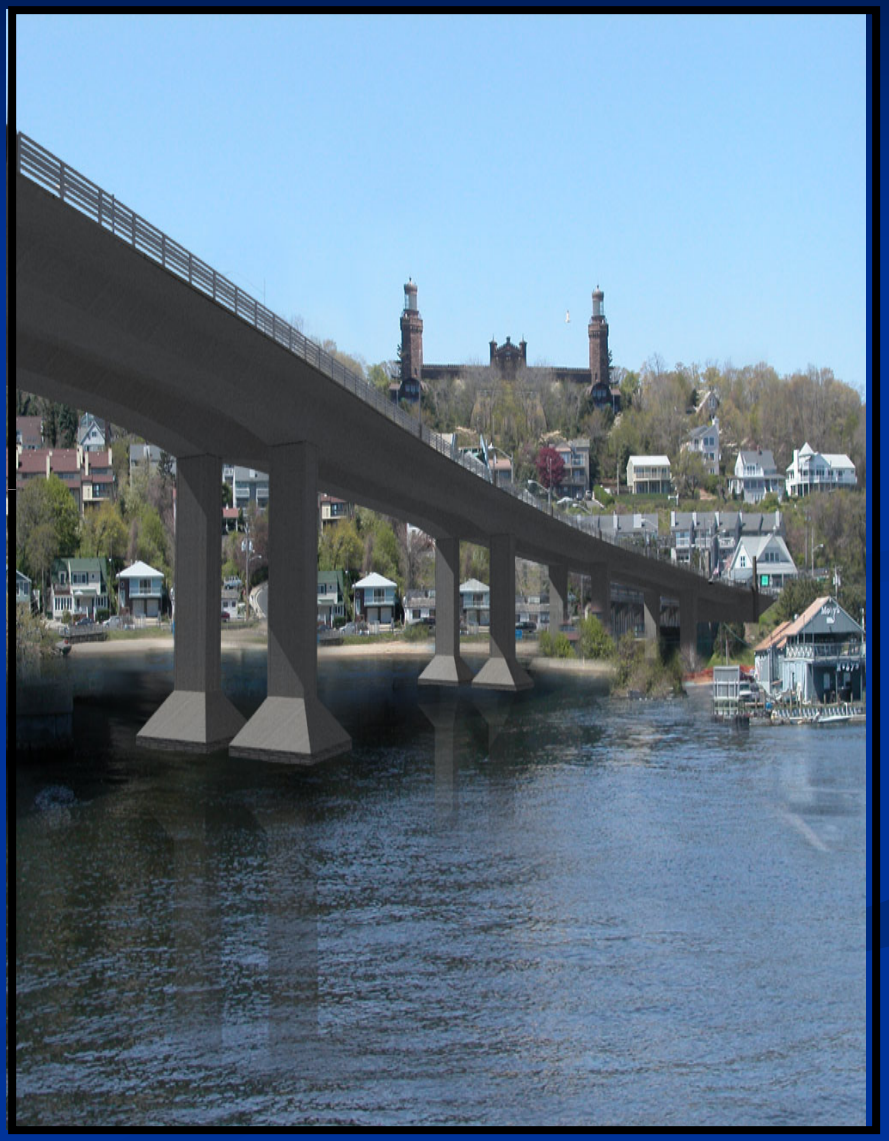
Total Project Cost - $124 Million

Construction	$100 Million
Design	$ 14 Million
Right-Of-Way	$ 0.2 Million
Construction Inspection	$ 9 Million
Utilities	$ 0.8 Million



Existing

Proposed



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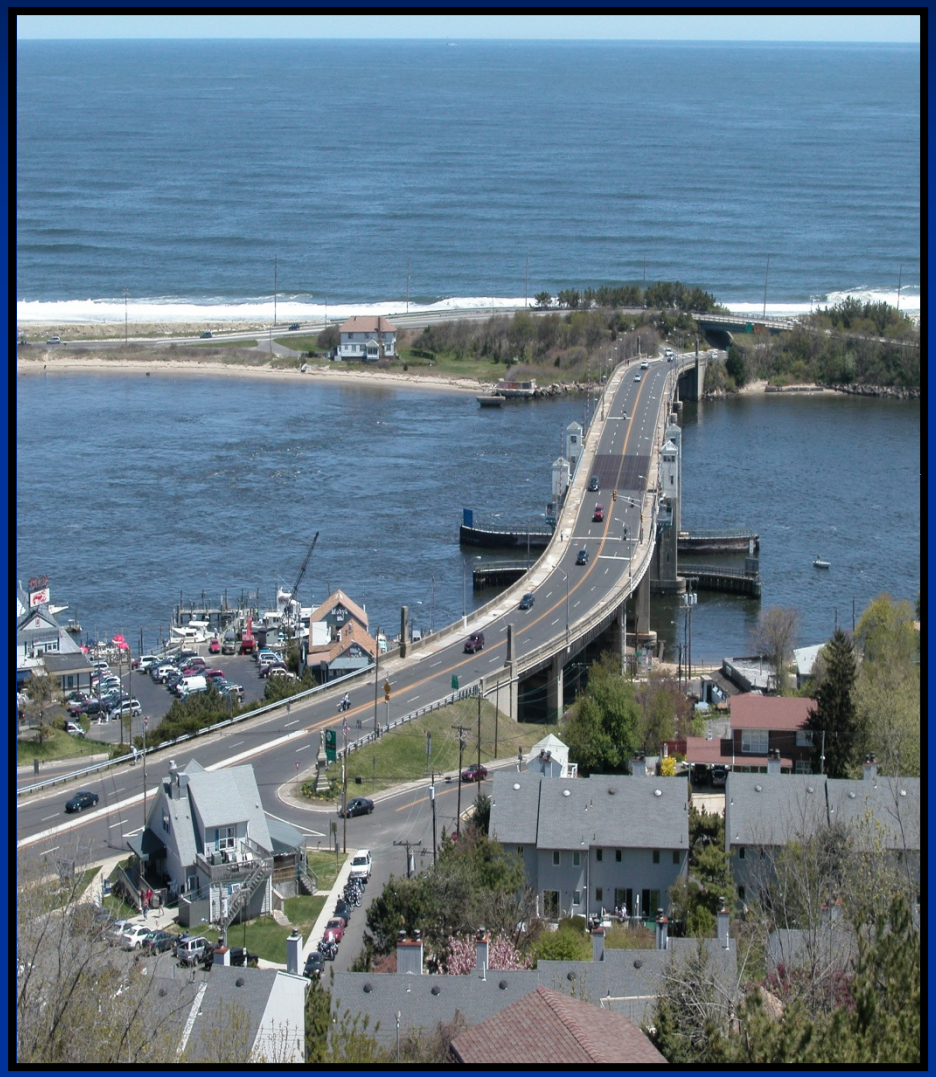

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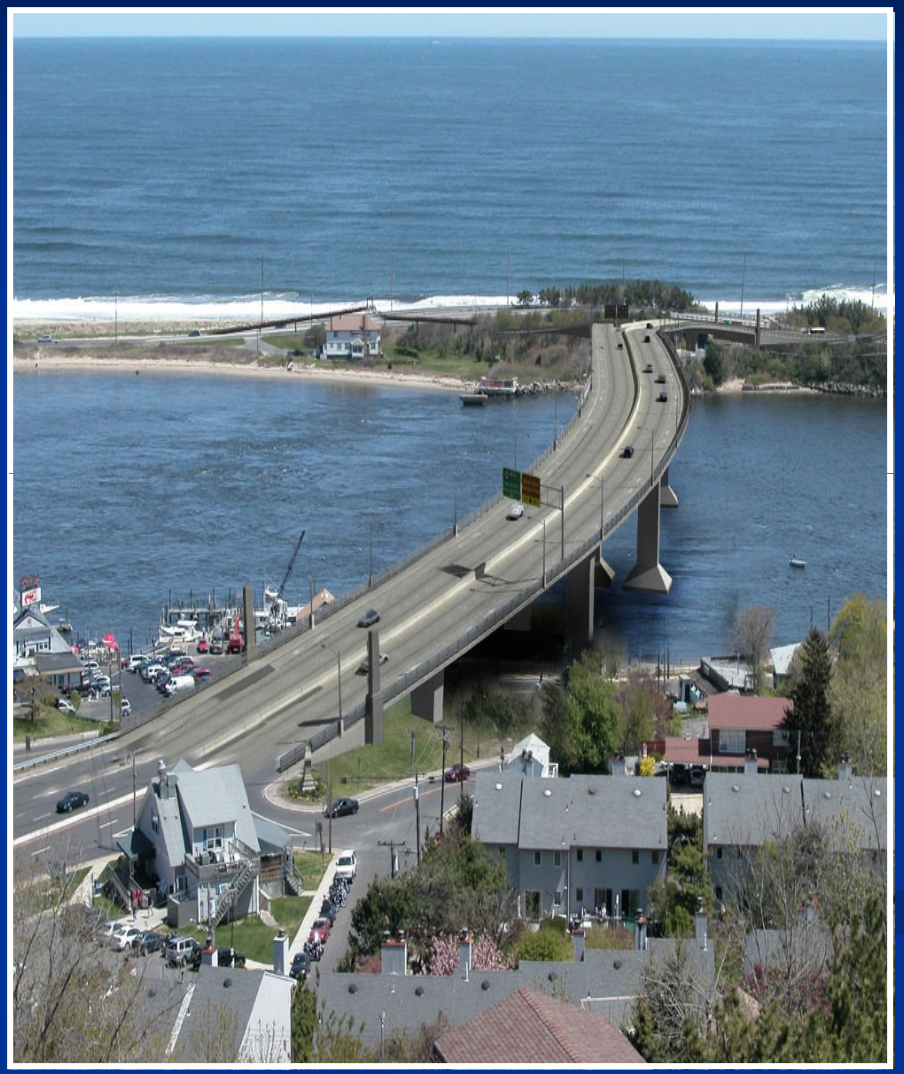


CONSTRUCTION

- Total Construction Duration Approximately 3 Years
- Existing Bridge to Remain Open to Traffic For First 18 Months of Construction
- Route 36 Traffic Maintained Throughout Duration of Construction – NO DETOUR OF ROUTE 36

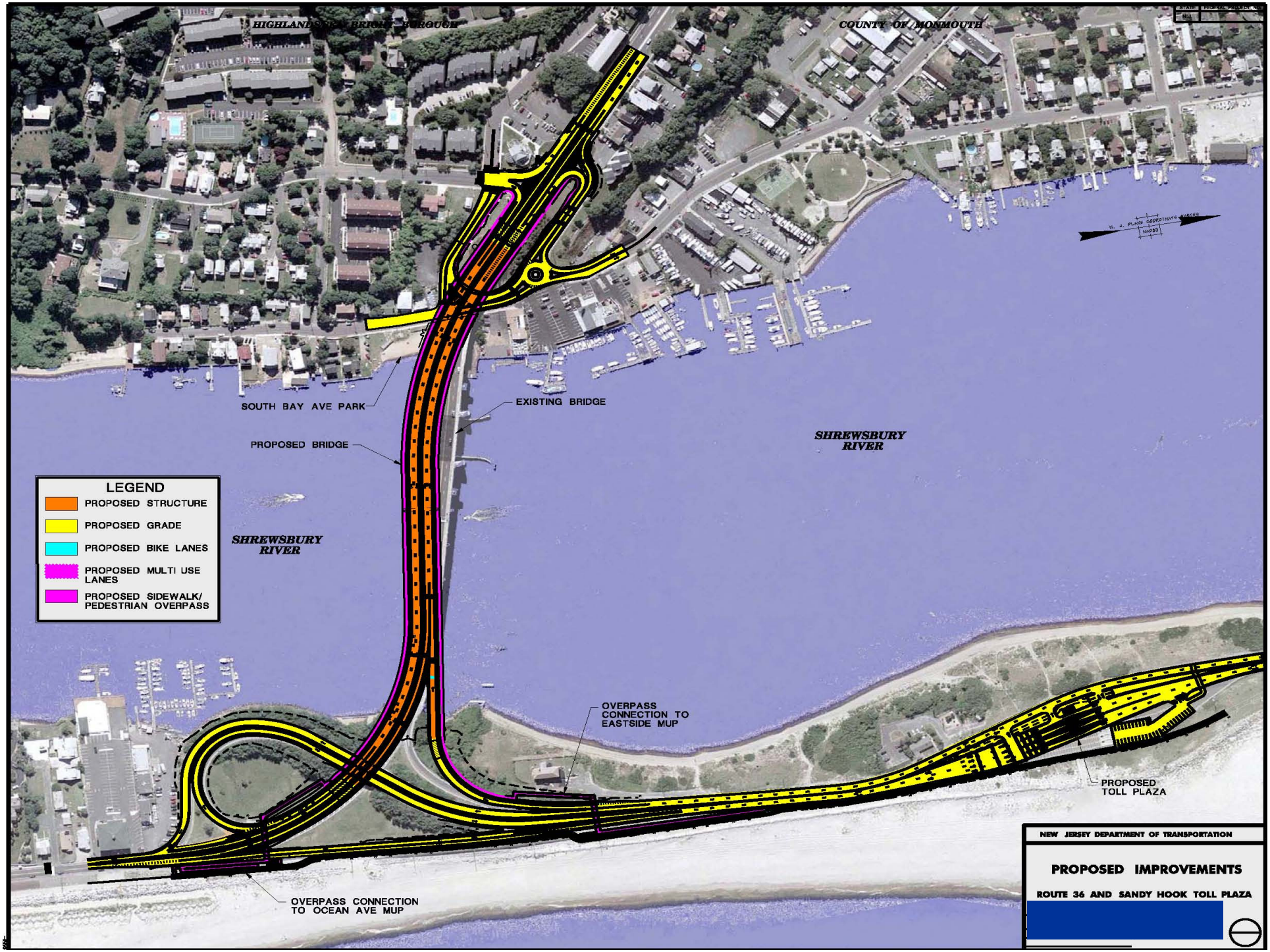
CURRENT STATUS

- August 2005 - Memorandum of Agreement with the SHPO signed concurring with 65’ High Fixed Bridge as the Most Prudent & Viable Alternative and Proposed Mitigation Measures.
- November 2006 – Receipt of DEP Permits.
- January 2007 - Final Design Completed.
- May 2007 – Receipt of United States Coast Guard permit for 65’ High Fixed Bridge.

CURRENT STATUS (continued)

- May 2007 - NJDEP Authorized NJDOT's Application (contingent upon acceptance of conditions) to the Historic Sites Council for Replacement with 65' High Fixed Bridge.

- Funding for Construction is Provided in Draft Capital Program for Fiscal Years 2008 – 2010.


HIGHLANDS NEW JERSEY BOROUGH
COUNTY OF MONMOUTH
SOUTH BAY AVE PARK
EXISTING BRIDGE
PROPOSED BRIDGE
SHREWSBURY RIVER
SHREWSBURY RIVER
LEGEND
PROPOSED STRUCTURE
PROPOSED GRADE
PROPOSED BIKE LANES
PROPOSED MULTI USE LANES
PROPOSED SIDEWALK/ PEDESTRIAN OVERPASS
OVERPASS CONNECTION TO EASTSIDE MUP
PROPOSED TOLL PLAZA
OVERPASS CONNECTION TO OCEAN AVE MUP
NEW JERSEY DEPARTMENT OF TRANSPORTATION
PROPOSED IMPROVEMENTS
ROUTE 36 AND SANDY HOOK TOLL PLAZA