

Baker

Route 52 Causeway Bridge Replacement & Somers Point Circle Elimination Project



Public Information Center August 12, 2010

Somers Point
Atlantic County

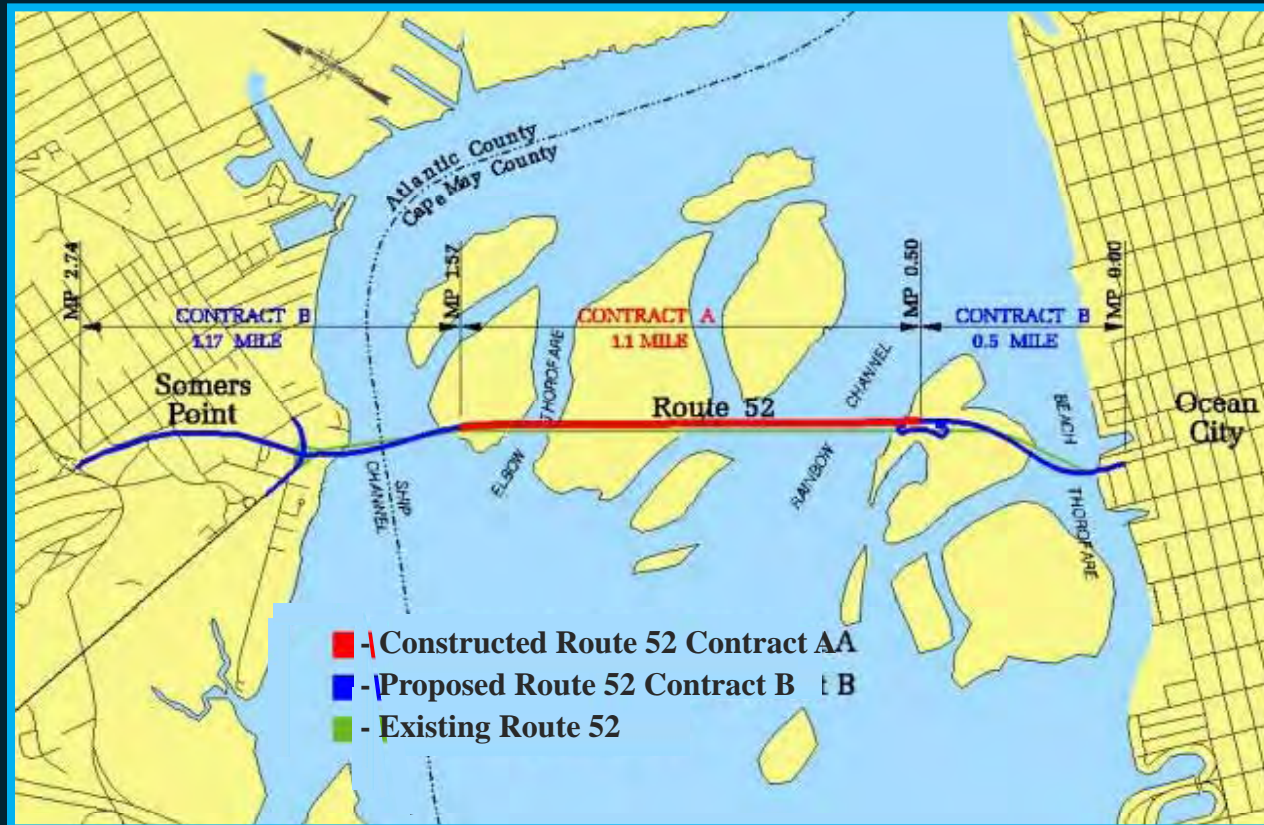
Ocean City
Cape May County



- ❖ **General Overview & Key Elements**
- ❖ **Current Status**
- ❖ **Project Staging and Schedule**
- ❖ **Construction Activities & Impacts this OFF-SEASON**
- ❖ **Questions???**



General Project Overview & Key Elements



CONTRACT A:

32 MONTHS (EFFECTIVE)

COMPLETED

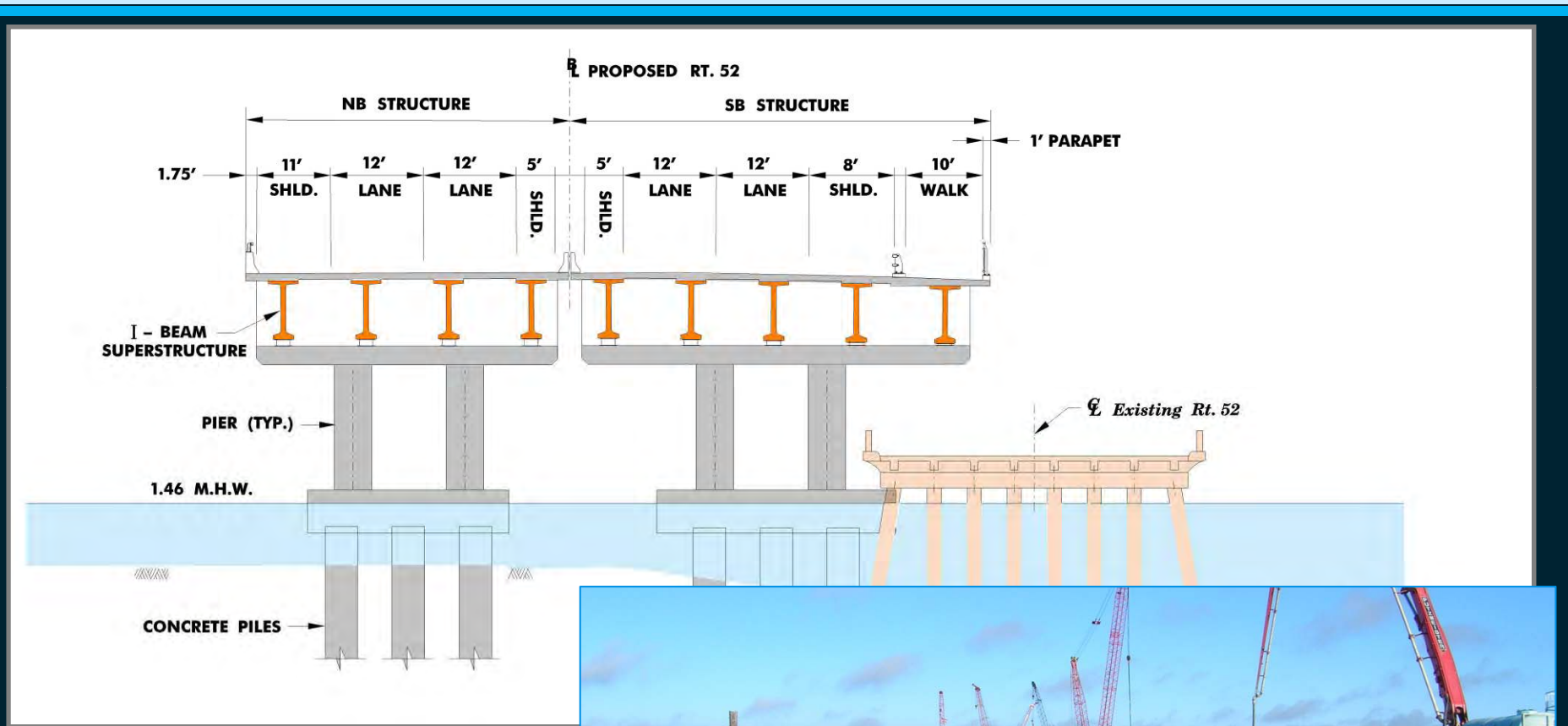
CONTRACT B:

42 MONTHS



- ❖ MacArthur Blvd. Widening
- ❖ Somers Point Circle Elimination
- ❖ Removal of Orphan Bridge and Lowering of Shore Rd.
- ❖ Construction of Public Parking & Boat Ramp
- ❖ Somers Mansion Improvements

Bridge Typical Section



Shared Use Walkway

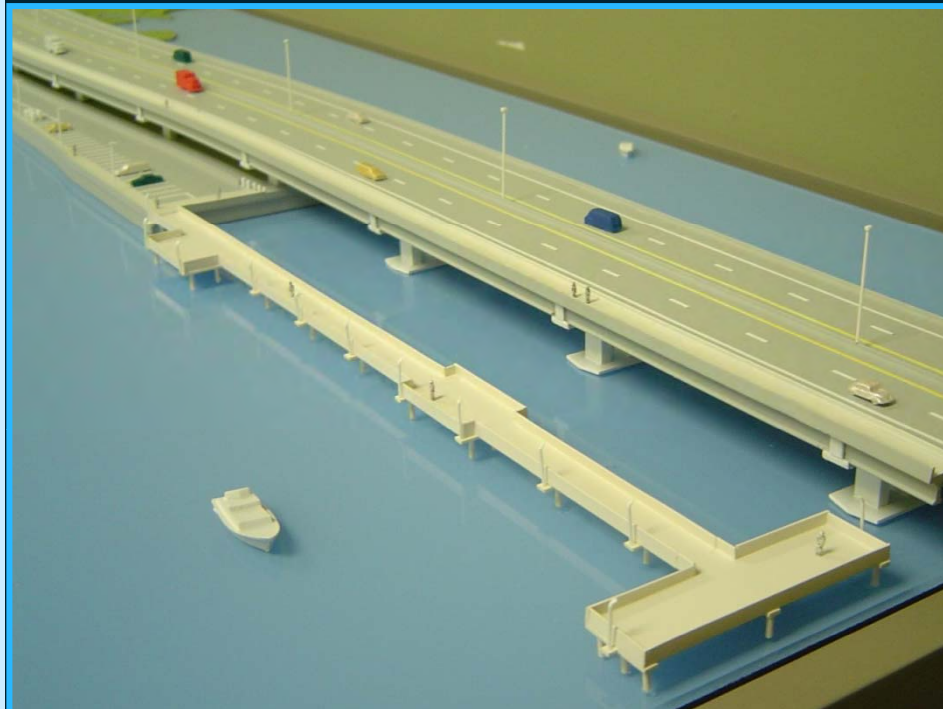
Shared Use Walkway

Rendering



Contract A Photo



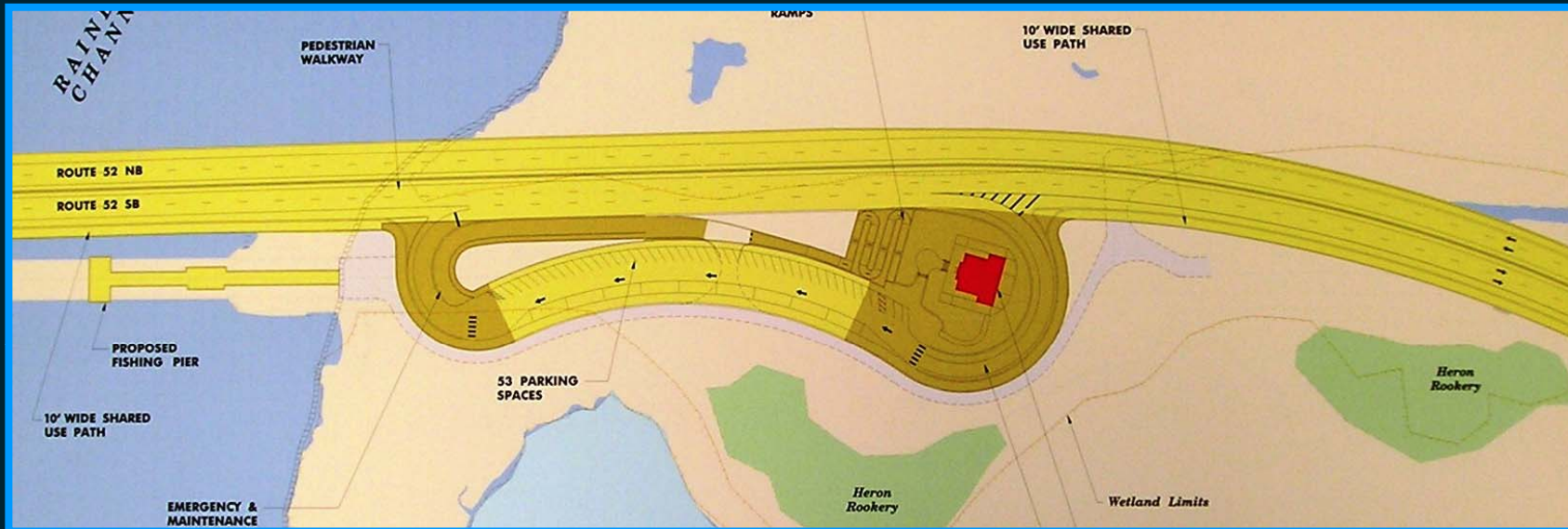


❖ Fishing/Recreational Amenities:

- 4 Fishing Piers
- Boat Launch (SP)
- Car Top Boat Launch (RI)
- Fishing Bulkhead (GI)

Photos of the Models of Rainbow Island Fishing Piers

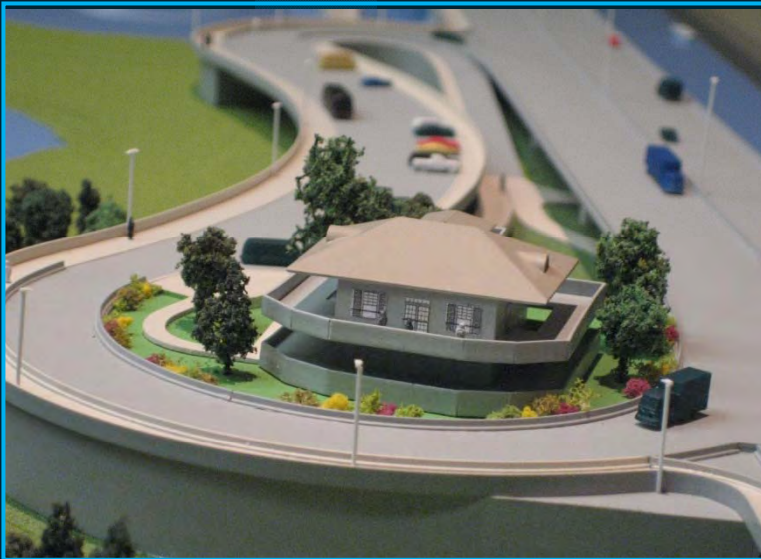


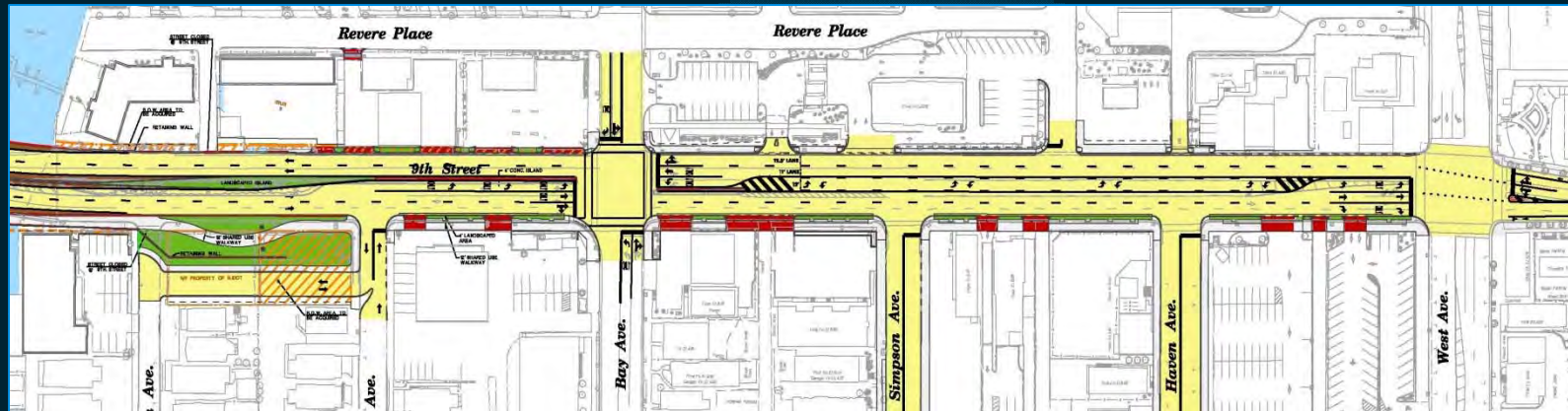


- ❖ Visitors Center Building & Parking Area
- ❖ Access Driveway
- ❖ Fishing Pier



Visitors Center & Fishing Pier

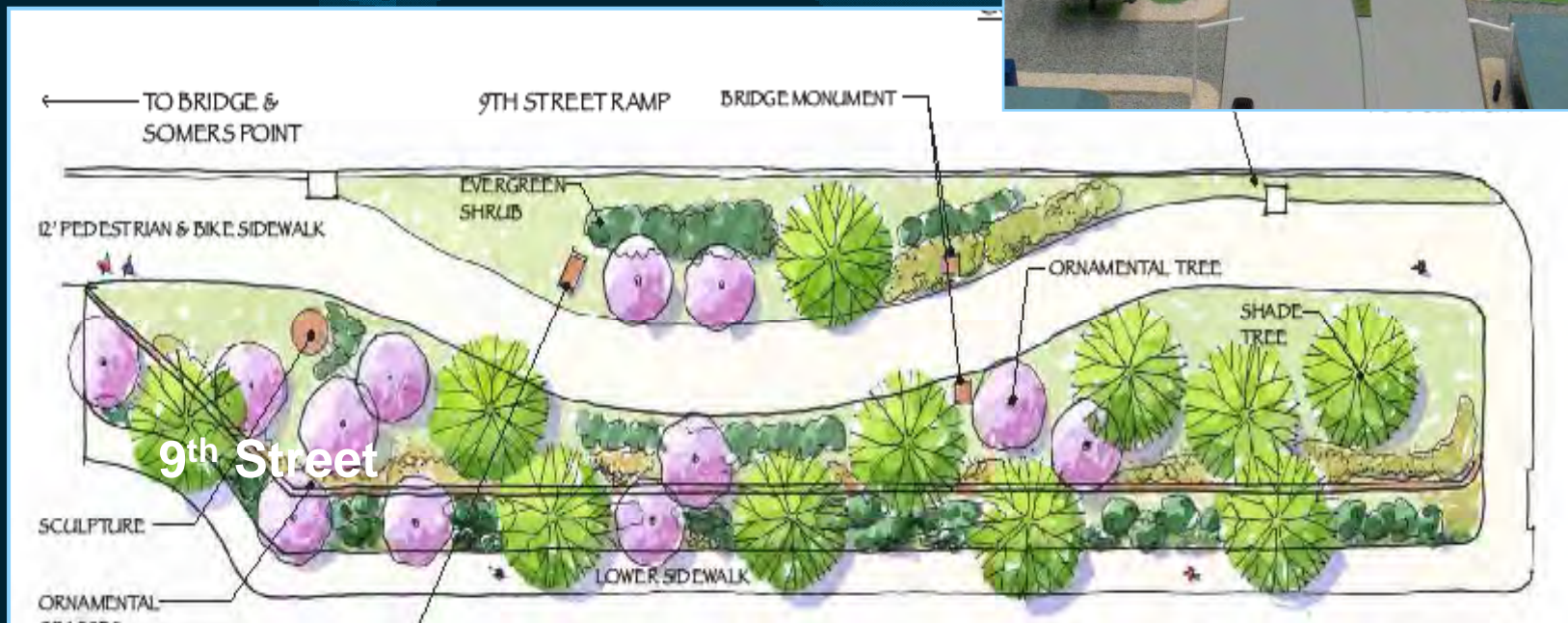




- ❖ Raising of Ninth Street Roadway Profile
- ❖ Construction of 10' Shared Use Walkway
- ❖ Ocean City Gateway

Ocean City Gateway Elements:

- ❖ Landscaped Entrance
- ❖ Shared-Use Sidewalk
- ❖ Relocated Ex. Bridge Pylons





Pier Accent Lighting:

- ❖ 6' LED linear fixture
- ❖ Installed on 24 bridge piers (96 Units)
- ❖ Lighting Control System installed at Visitors Center location

NJ Home | Services A to Z | Departments/Agencies | FAQs
 Site Index | Search: NJ Home | NJDOT

STATE OF NEW JERSEY
 DEPARTMENT OF TRANSPORTATION
 Chris Christie, Governor | Kim Guadagno, Lieutenant Governor

NJDOT Home | About NJDOT | NJcommuter.com | Community Programs | Reference / Links
 Engineering | In the Works | Capital Program | Freight, Air and Water | Doing Business

Construction Updates

Route 52 Causeway Bridge Replacement Overview

Frequently Asked Questions
 Community Outreach
 Community Enhancements
 Final Environmental Impact Statement
 Technical Drawings
 Landscape Drawings
 Video
 Photos
 Archived Photos

Route 52 Causeway Bridge Replacement Somers Point and Ocean City
 Atlantic and Cape May Counties

Overview

The New Jersey Department of Transportation (NJDOT) began in Summer 2006 the first part of its \$400 million project to replace the Route 52 Causeway bridges and the roadway section between Somers Point and Ocean City, including the elimination of the Somers Point Circle. The work is expected to last until 2012. This is one of NJDOT's largest projects and is critical because it is the emergency evacuation route for Ocean City.

Two fixed and two moveable bridges will be replaced by two bridges that will have two high fixed spans over Ship Channel and Beach Thorofare (Intracoastal Waterway) and a touchdown on Rainbow Island. The new roadway section will have two 12-foot lanes and 8-foot minimum outside shoulders in each direction separated by a concrete median barrier.

Continued [coordination](#) with officials and members of Ocean City and Somers Point as well as Atlantic and Cape May counties will be ongoing for the duration of the project which will also include [community enhancements](#).

July 2006 – December 2009
 Construction will continue on the existing north- and southbound lanes of the Route 52 bridges at Elbow and Garrets Islands and the roadway over Rainbow Island. The northbound lanes will be built first without interfering with traffic. The southbound lanes will be constructed after traffic shifts over from the existing Causeway to the newly constructed northbound lanes prior to Memorial Day 2008.

June 2009 – December 2012
 The rest of the causeway, including the elimination of the two drawbridges, at the Ocean City and Somers Point limits and the elimination of the Somers Point Circle will take place along with improvements to MacArthur Boulevard.

Gateway to Somers Point rendering (MacArthur Boulevard)

Ocean City Touch Down Point rendering

This project extends from the intersection of Routes 9 and 52 in Somers Point, south along Route 52 (MacArthur Boulevard), through the Somers Point Circle and over Great Egg Harbor Bay to Ocean City at Ninth Street and Bay Avenue.

Rendering of future bridge (from Somers Point)

Contact Us | Privacy Notice | Legal Statement | Accessibility Statement

department: home | about | NJ commuter | in the works | business | engineering | freight, air & water | capital | community | data | links | index
 statewide: NJ Home | about NJ | business | government | state services A to Z | departments

Copyright © State of New Jersey, 2002-2010
 Department of Transportation
 P.O. Box 900
 Trenton, NJ 08625-0900

OPRA | Open Public Records Act

Last Updated: June 12, 2009

❖ Route 52 Project Web Sites

- www.njcommuter.com (Construction Updates, select Route 52), or,
- <http://www.state.nj.us/transportation/commuter/roads/route52/>



Current Project Status

Baker

Somers Point Roadway Work



Baker

Somers Point - Roadway and Drainage Improvements



Ship Channel – Test Piles



Baker

Completed Contract A Bridge Across Rainbow Channel



Garrets Island - Bridge Construction & Staging Area



Ocean City Approach

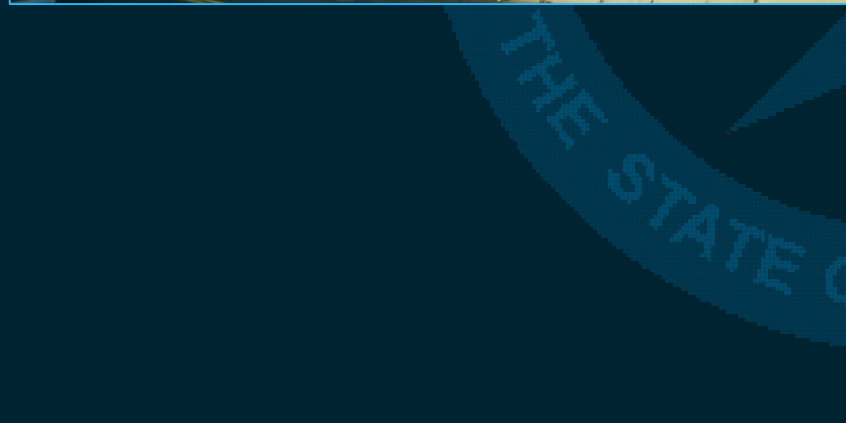


Garrets Island Pier Construction



Baker

Garrets Island – Concrete Beam Erection





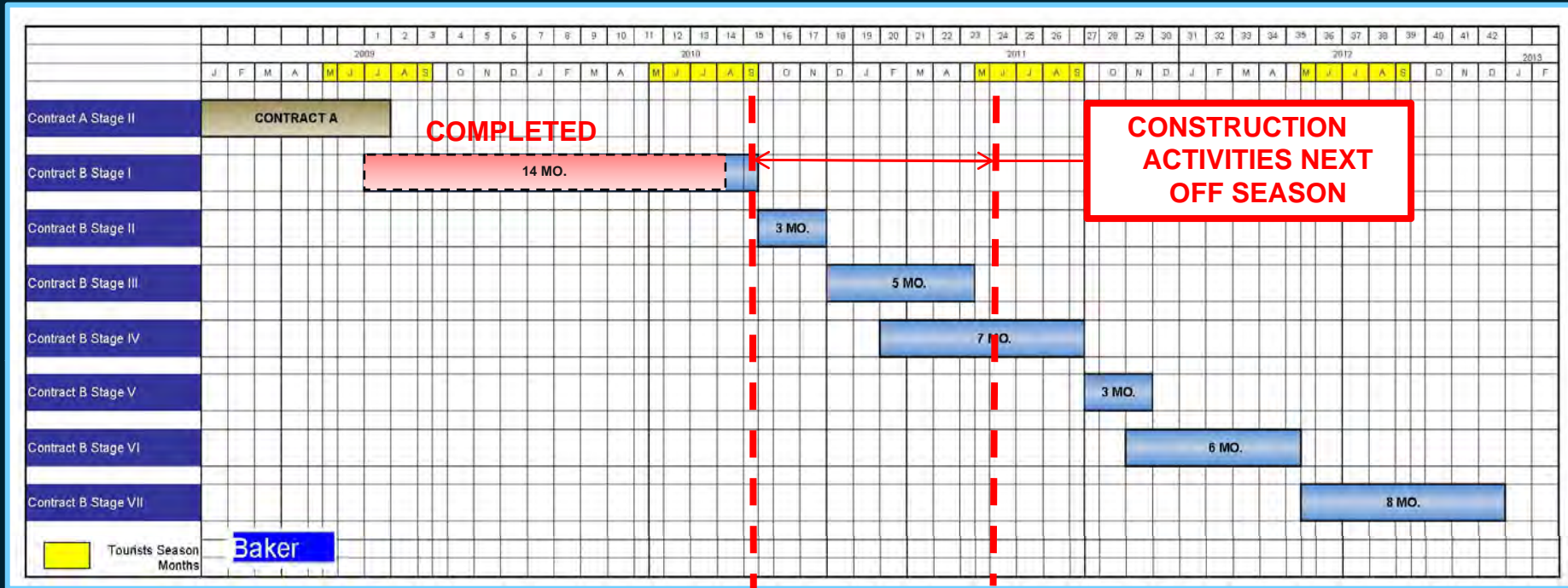
Baker

Looking North



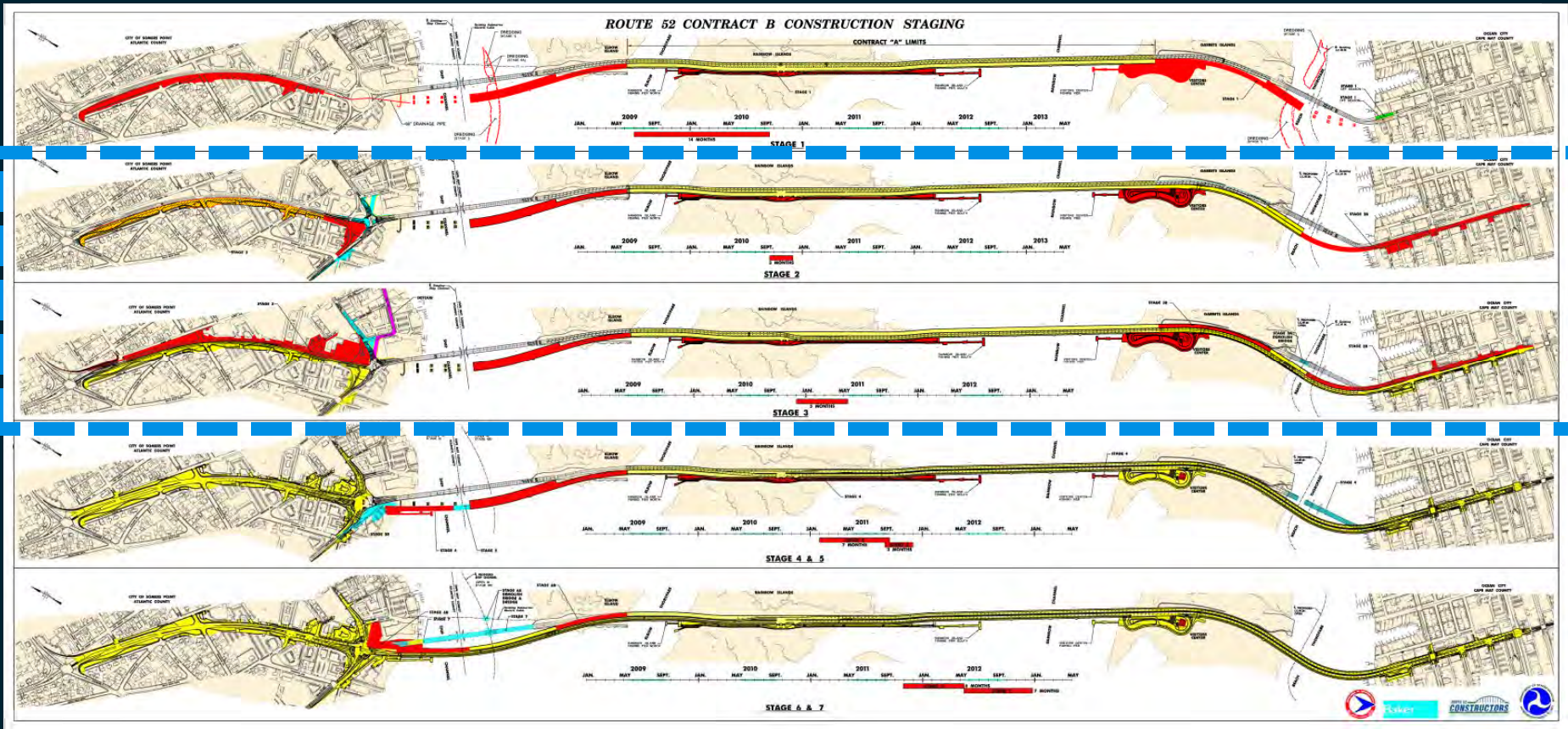


Project Staging and Schedule



Construction Schedule:

- Duration: 42 Months
- Seasonal Restrictions (Environmental and Tourist Related)
- Requires Multiple Crews Working Simultaneously



Construction Staging:

- 7 Main Construction Stages
- PEAK SEASON – MAINTAIN 2 LANES IN EACH DIRECTION
- OFF SEASON – MAINTAIN 1 LANE IN EACH DIRECTION

Construction Activities and Impacts this OFF- SEASON

WHAT:

-Construction Activities taking Place During the Stage

WHEN:

-Anticipated Schedule For the Above Activities

TRAFFIC IMPACT:

-Maintenance of Traffic

ACCESS:

-Access Impact during Construction

WORK HOURS:

-Anticipated Working Hours

NOISE:

-Anticipated Noise level for activities Outside Regular Working Hours

❖ Somers Point:

- Circle Elimination / Temporary Traffic Signal Installation
- Utility Relocations
- NB MacArthur Boulevard Reconstruction
- Mays Landing Road Reconstruction
- Shore Road Reconstruction
 - ❖ Removal of Orphan Bridge
 - ❖ Temporary Detour

WHAT:

- Temp. Pavement
- Mays Landing improvements

WHEN:

- Aug. - Sept. '10

TRAFFIC IMPACT:

- Maintain Existing Traffic Pattern

ACCESS:

- Maintain Access All times

WORK HOURS:

- Regular Working Hours
(7 AM - 3:30 PM)

NOISE:

- Noise level within allowable limits

**STAGE 2A**

WHAT:

- Temp. Signal
- Mays Landing / MacArthur Blvd. improvements

WHEN:

- Sept. – Oct. '10

TRAFFIC IMPACT:

- Switch Traffic to Temp. Signal

ACCESS:

- Maintain Access All times

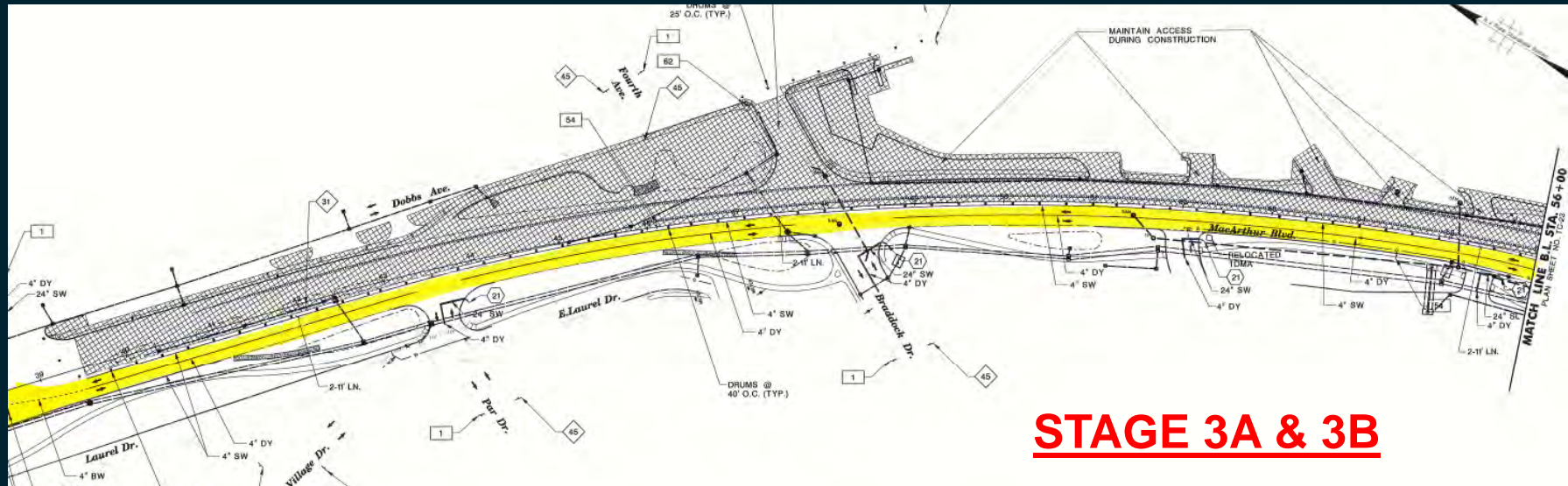
WORK HOURS:

- Regular Working Hours
(7 AM - 3:30 PM)

NOISE:

- Noise level within allowable limits

**STAGE 2B**



STAGE 3A & 3B

WHAT:

-MacArthur Blvd. NB

WHEN:

-Nov. '10 – Apr. '11

TRAFFIC IMPACT:

-Switch Traffic West side of Macarthur Blvd.

ACCESS:

-Maintain Access All times

WORK HOURS:

- Regular Working Hours
(7 AM - 3:30 PM)

NOISE:

-Noise level within allowable limits

WHAT:

- MacArthur Blvd. NB
- Shore Rd.

WHEN:

- Nov. '10 – Apr. '11

TRAFFIC IMPACT:

- Switch Traffic West side of Macarthur Blvd.

ACCESS:

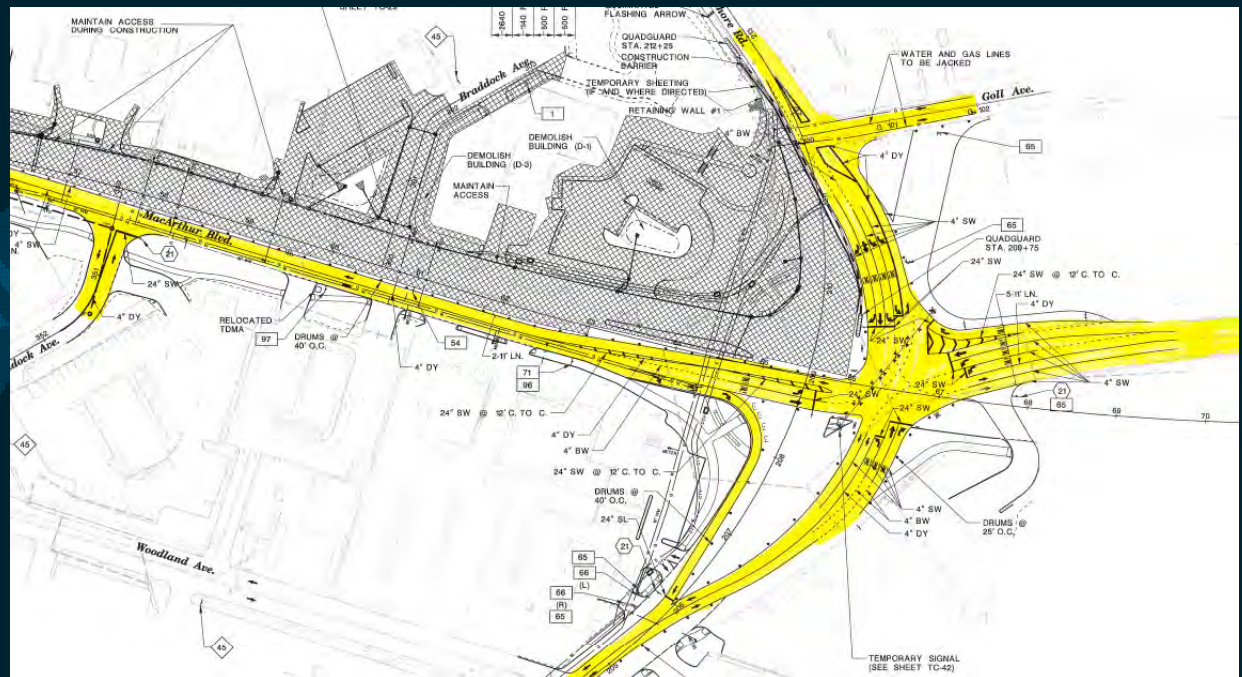
- Maintain Access All times

WORK HOURS:

- Regular Working Hours
(7 AM - 3:30 PM)

NOISE:

- Noise level within allowable limits

**STAGE 3A & 3B (cont.)**

WHAT:

- Shore Rd. Reconstruction
- Removal of Orphan Bridge

WHEN:

- Nov. '10 – May '11

TRAFFIC IMPACT:

- Implement Shore Rd. Detour

ACCESS:

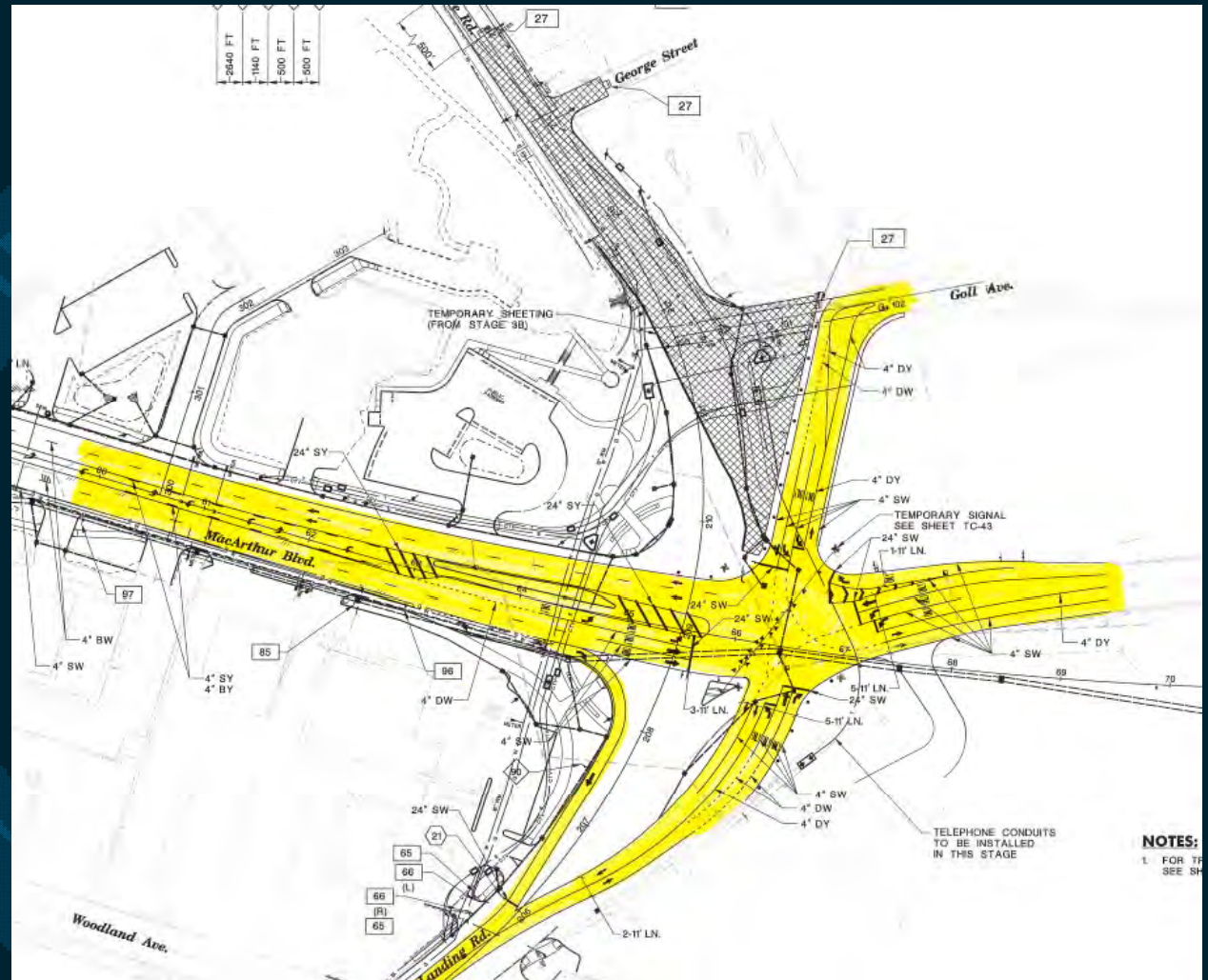
- Maintain Access to Residences on Shore Rd./ George Street

WORK HOURS:

- Regular Working Hours (7 AM - 3:30 PM)

NOISE:

- Noise level within allowable limits

**STAGE 3C**

WHAT:

-Shore Rd. Detour

WHEN:

-March – May '11

TRAFFIC IMPACT:

-Shift traffic to Bay Ave. via New York Ave. and Goll Ave.

ACCESS:

-Maintain Local Access to Residences on Shore Rd./ George Street



STAGE 3C - DETOUR

WHAT:

- "Off Alignment" Bridge & Abutment Construction

WHEN:

- Jan. – Sept. '11

TRAFFIC IMPACT:

- Switch Traffic to New Traffic Signal

ACCESS:

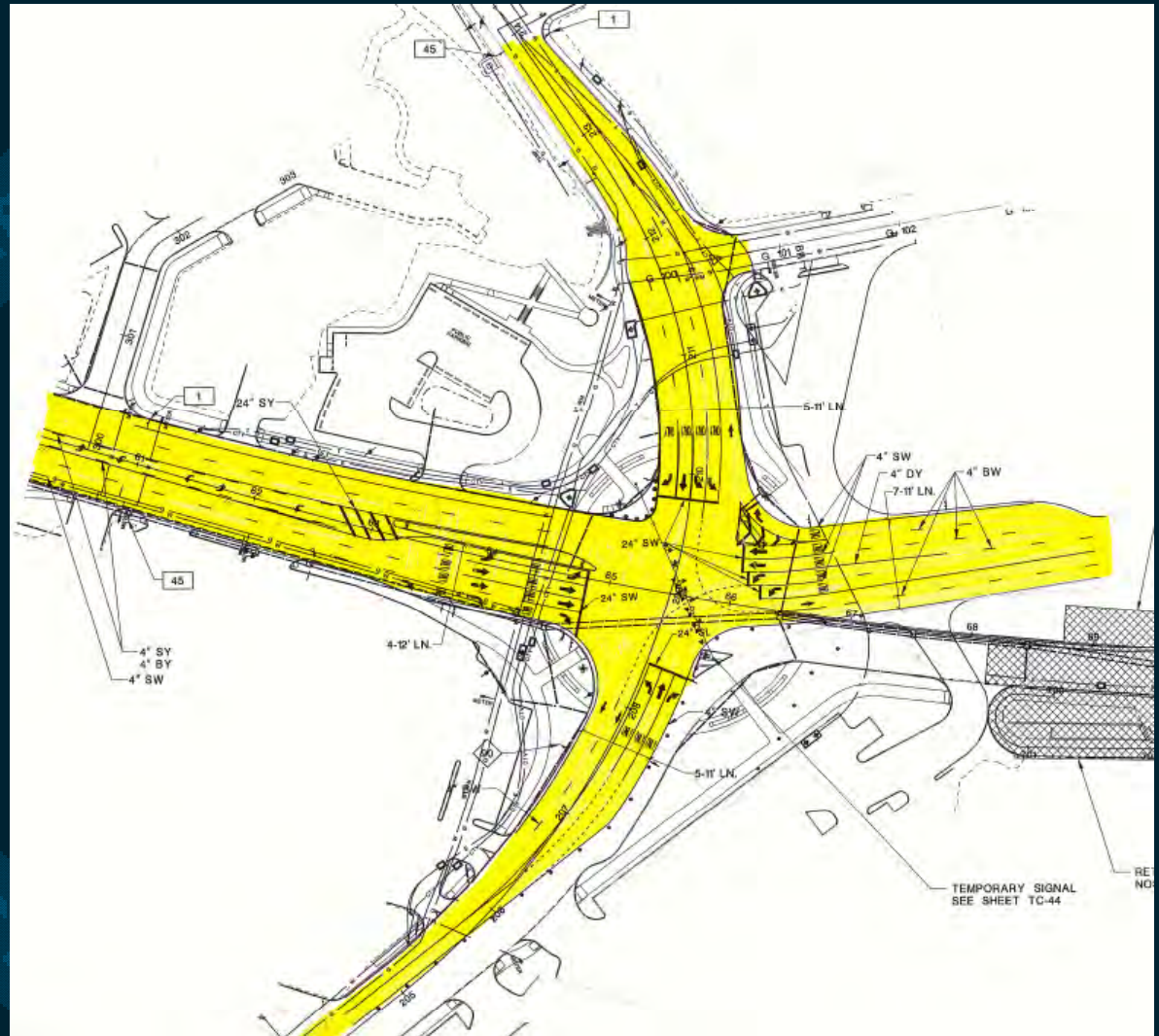
- Maintain Access at all times

WORK HOURS:

- Regular Working Hours
(7 AM - 3:30 PM)

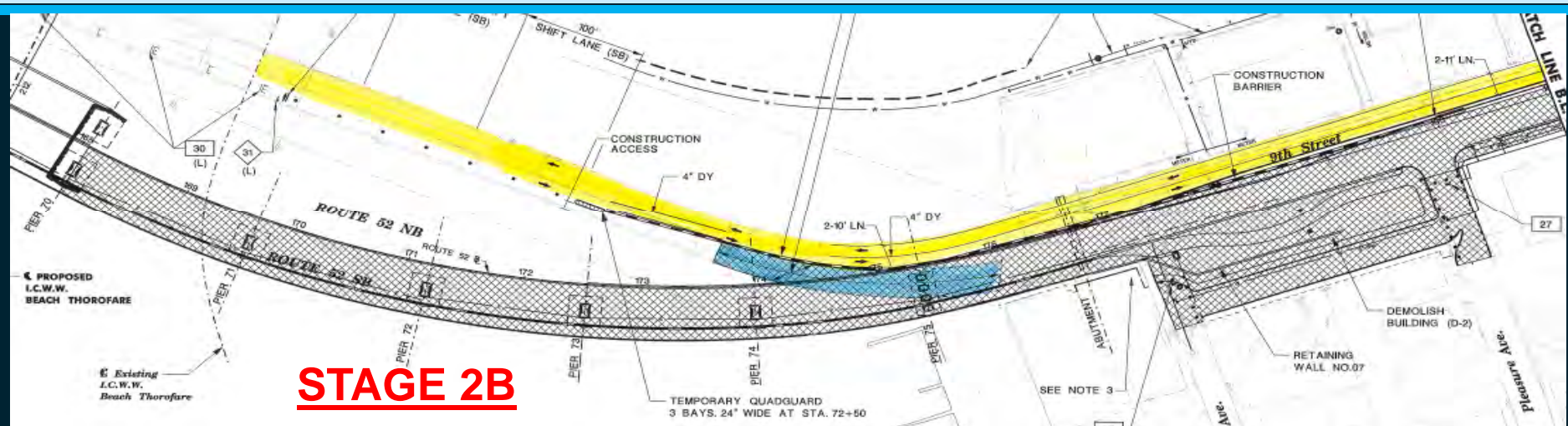
NOISE:

- Noise level within allowable limits

**STAGE 4**

❖ **Beach Thorofare Tie-in and Ocean City:**

- Completion of SB & NB Bridge
- Partial Removal of existing bridge
- Decommission of existing draw bridge
- Construction of OC Abutment
- Construction of Temporary and Permanent Retaining Walls
- Reconstruction of Ninth Street
- Construction of Streetscape and Landscape Elements



STAGE 2B

WHAT:

- Partial Removal Ex. Bridge
- SB Abutment & Bridge
- Temp. & Perm. Retaining Walls
- Ninth Street Improvements

WHEN:

- Sept. – Dec. '10

ACCESS:

- Maintain Access All times

TRAFFIC IMPACT:

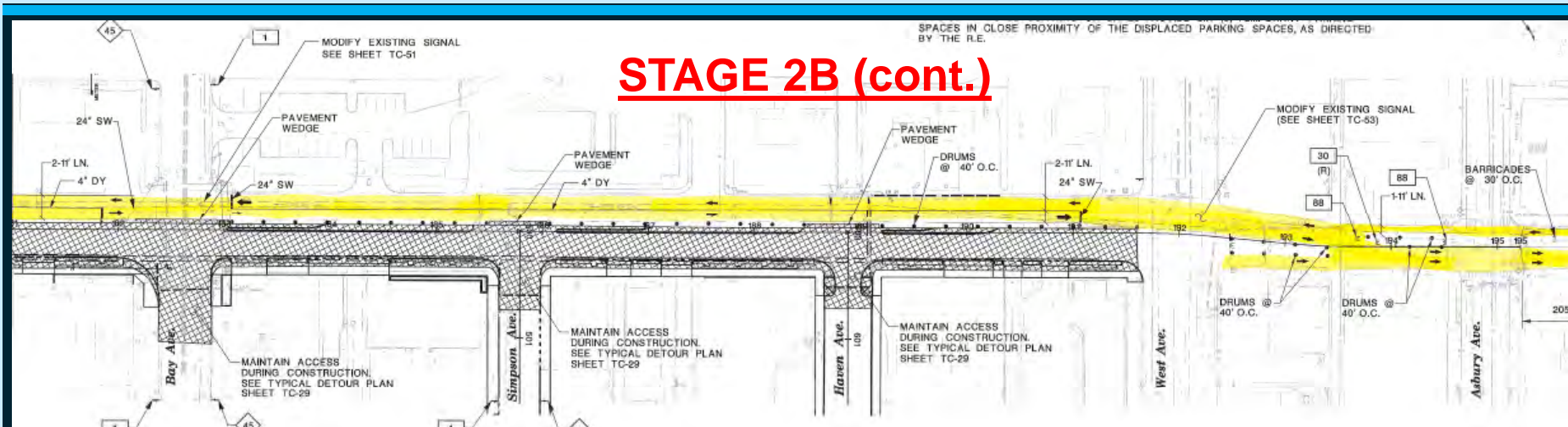
- Shift Traffic to East side of Ninth Street
- Maintain 1 Lane in each Direction
- Implement Temp. Detours for Intersection Work.

WORK HOURS:

- 16 Hour Working Shifts
(7 AM - 12 AM, Mon. – Sat.), Non on Sunday

NOISE:

- Construction Activities Allowed (excluding pile driving):
(7 AM - 11 PM, Mon. – Sat.), Non on Sunday
- No Late Evening Pile Driving Allowed.

**WHAT:**

- Partial Removal Ex. Bridge
- SB Abutment & Bridge
- Temp. & Perm. Retaining Walls
- Ninth Street Improvements

WHEN:

-Sept. – Dec. '10

ACCESS:

- Maintain Access All times

TRAFFIC IMPACT:

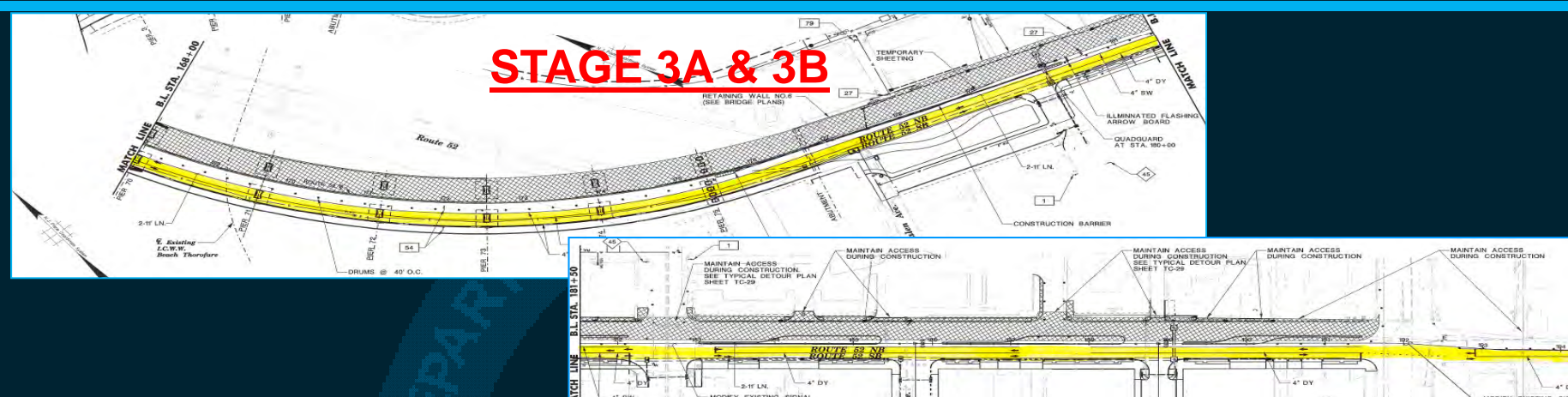
- Shift Traffic to East side of Ninth Street
- Maintain 1 Lane in each Direction
- Implement Temp. Detours for Intersection Work.

WORK HOURS:

- 16 Hour Working Shifts
(7 AM - 12 AM, Mon. – Sat.), Non on Sunday

-NOISE:

- Construction Activities Allowed (excluding pile driving):
(7 AM - 11 PM, Mon. – Sat.), Non on Sunday
- No Late Evening Pile Driving Allowed.

**WHAT:**

- Partial Removal Ex. Bridge
- Construction of NB Abutment & Bridge
- Permanent Retaining Walls
- Ninth Street NB Improvements

WHEN:

- Dec. '10 – June '11

ACCESS:

- Maintain Access All times

TRAFFIC IMPACT:

- Shift Traffic to West side of Ninth Street
- Maintain 1 Lane in each Direction
- Implement Temp. Detours for Intersection Work.

WORK HOURS:

- 16 Hour Working Shifts
(7 AM - 12 AM, Mon. – Sat.), Non on Sunday

NOISE:

- Construction Activities Allowed (excluding pile driving):
(7 AM - 11 PM, Mon. – Sat.), Non on Sunday
- No Late Evening Pile Driving Allowed.

WHAT:

- Realignment of Beach Thorofare Navigable Channel (I.C.W.W.)

WHEN:

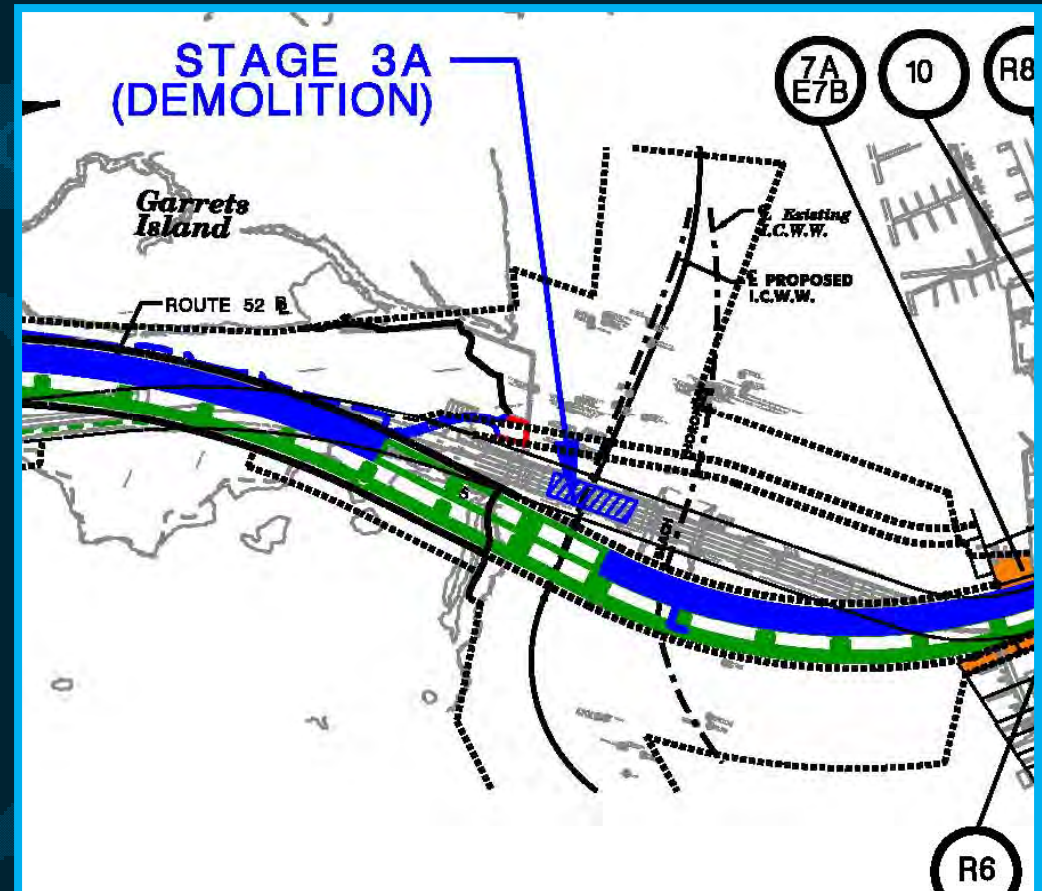
- Sept. '10 – Jan. '11

BOAT TRAFFIC IMPACT:

- Temporary closure 5 days (Mid. Sept.)
- Limited Clearance (44'-8") under Proposed Structure Mid. Sept. '10 – Jan. '11
- Shift Channel to new location. Jan. '11

AUTOMOBILE TRAFFIC IMPACT:

- No Impact.



❖ Ship Channel:

- Dredging - (Sept. – Nov. '10)
- Bridge Spans Over Ship Channel - (Sept. '10 – Fall '12)
 - ❖ Proposed Bridge not fully completed
 - ❖ Existing draw bridge to remain operational

❖ Garrets Island:

- Visitors Center Retaining Walls & Building Construction - (Sept. '10 – Aug. '12)
- Remove Temporary Ramp 2 - (Dec. '10 – Feb. '11)

Questions?

