



16591
26 MAR 2013

PUBLIC NOTICE 5-1294

TO WHOM IT MAY CONCERN:

All interested parties are notified that the Commander Fifth Coast Guard District has received an application from Amy S. Greene Environmental Consultants on behalf of the New Jersey Turnpike Authority (NJTA) for the proposed replacement of bridges over navigable waterways of the United States.

WATERWAY AND LOCATION: Over Great Egg Harbor Bay (GEHB) located in Upper Township, Cape May County and the Township of Egg Harbor and over Drag Channel located in the City of Somers Point both in Atlantic County, NJ.

CHARACTER OF WORK: NJTA is proposing to replace the existing southbound bridges carrying the Garden State Parkway (GSP) over GEHB and over Drag Channel. In addition to replacing the southbound causeway, the project includes the demolition of the remaining portions of the Beesely's Point Bridge (US Route 9 over GEHB and Drag Channel). The overall purpose of the project is to eliminate structural deficiencies and substandard geometry of the structures carrying the GSP Southbound over GEHB and Drag Channel while maintaining coastal evacuation needs and multi-modal travel.

MINIMUM NAVIGATIONAL CLEARANCES GSP BRIDGE OVER GEHB:

<u>Existing</u>	<u>Proposed</u>
Vertical Clearance – 47.92 feet above mean high water (MHW)	Vertical Clearance – 55 feet above MWH
Horizontal Clearance – 148 feet between face of the fenders.	Horizontal Clearance – 148 feet between face of fenders.

MINIMUM NAVIGATIONAL CLEARANCES GSP BRIDGE OVER DRAG CHANNEL:

<u>Existing</u>	<u>Proposed</u>
Vertical Clearance – 12 feet above MHW	Vertical Clearance – 18 feet above MWH
Horizontal Clearance – 38 feet between piers.	Horizontal Clearance – 68 feet between piers 4 and 5.

ENVIRONMENTAL CONSIDERATIONS: The United States Coast Guard (USCG), as lead Federal agency, has preliminarily determined that this proposed bridge project qualifies as a Categorical Exclusion. The 100-year flood level elevation is 9.2 feet for both GEHB and Drag Channel. The Water Quality Certification and Coastal Zone Management Consistency Determination have been issued.

ENDANGERED / THREATENED SPECIES: Section 7 Consultation with the National Marine Fisheries Service (NMFS) is ongoing with the USCG to ensure the protection of federally listed sea turtles, as well as Atlantic sturgeon, which may be present within the project area during certain times of the year.

HISTORIC PROPERTIES: A Memorandum of Agreement (MOA) between USCG, NJTA and the New Jersey State Historic Preservation Office was fully executed and accepted by all signatories. Additionally, the Advisory Council on Historic Preservation (ACHP) filed the MOA and the execution of its terms, completes the requirements of Section 106 of the National Historic Preservation Act and the ACHP's regulations.

WETLANDS: An Individual Section 404 Permit (CENAP-OP-R-2011-634-35) has been issued by the US Army Corps of Engineers in order to authorize proposed impacts to Waters of the US including wetlands.

ESSENTIAL FISH HABITAT (EFH): An EFH Assessment was conducted for the proposed project and was accepted by the NMFS on September 30, 2011. Supplemental information regarding project activities associated with the demolition of the US Route 9/Beesley's Point Bridges was submitted to NMFS on March 26, 2012. NMFS issued a response letter on May 7, 2012 concurring that the addition of the US Route 9/Beesley's Point Bridges demolition would not alter the conclusions of the original EFH consultation, nor would it result in significant addition individual or cumulative impacts EFH or additional EFH conservation recommendations. The GEHB and the surrounding waters have been designated as EFH for a number of federally managed species. A species of particular concern is winter flounder. Winter flounder migrate into shallow water or estuaries and coastal ponds to spawn. They typically spawn in the winter and early spring although the exact timing is temperature dependent. The GEHB and surrounding waters also provide migratory corridors for anadromous fish. In order to protect winter flounder, associated EFH, and anadromous fish from adverse effects associated with the project, the NMFS has recommended that no in-water work shall occur outside of a cofferdam on Structure 28.0S, Piers 2-6 and 11-20 between January 1 to May 31; on Structure 28.0S, Pier 7 between January 1 to June 30; on Structure 28.0S, Piers 8-10 between March 1 to June 30 and on Structure 28.5S, Piers 2-8 between January 1 to June 30. Work that occurs within cofferdams, which are installed outside the in-water restriction times will allow for containment of turbidity generated during pile installation. Work associated with the abutments on both structures will contain turbidity through the implementation of turbidity curtains or other sediment controls. To avoid turbidity and potential noise effects on fisheries, the Drag Channel Bridge foundations will observe the January 1 through June 30 restriction and will be constructed outside of this period. Temporary cofferdams constructed for the GEHB Bridge will allow for containment of turbidity generated during pile installation.

ENVIRONMENTAL JUSTICE: Based on the environmental documentation submitted for this project, the proposed bridge project will have no adverse environmental justice impacts upon minority and low-income populations. Information and data contrary to this adverse impact position should be submitted in response to this notice.

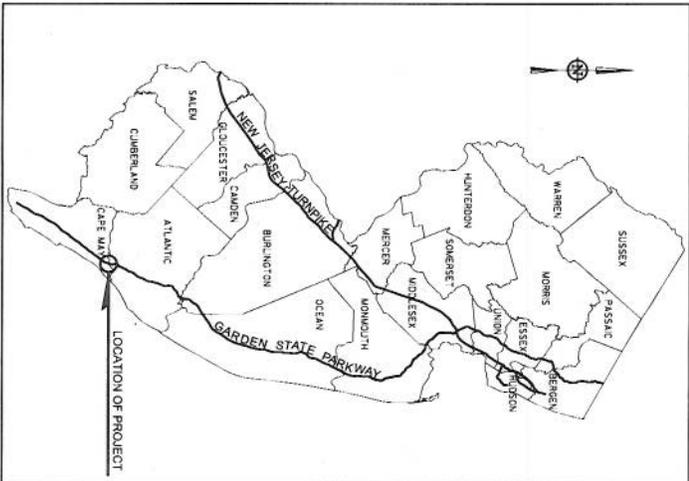
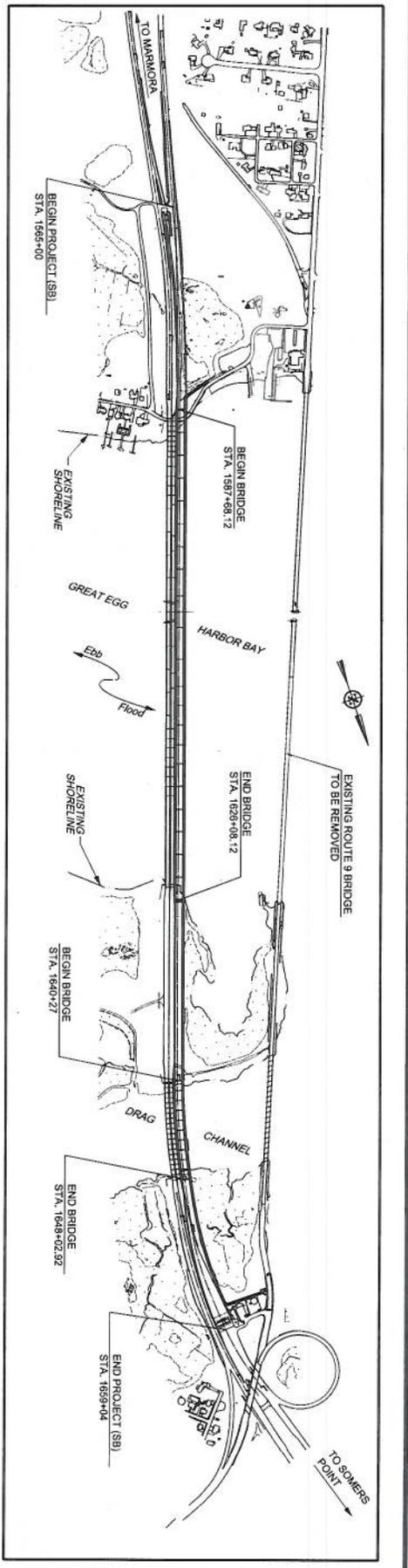
SOLICITATION OF COMMENTS: Interested parties are requested to express their views, in writing, on the proposed construction of the replacement bridges giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed project. Comments will be received for the record at the office of the Commander (dpb), Fifth Coast Guard District, Federal Building, 431 Crawford Street, Portsmouth, VA 23704-5004 through **7 MAY 2013.**

Copies of location map and plans are attached.

//s//

WAVERLY W. GREGORY, JR.
Bridge Program Manager
By direction of the Commander
Fifth Coast Guard District

This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version



VICINITY MAP



MHW EL. = 2.75'
 MLW EL. = -0.9'
 100 YEAR FLOOD EL. = 9.2'
 500 YEAR FLOOD EL. = 14.0'
 DATUM: NAVD 1929

3742 FEET OF BRIDGE IS OVER GREAT EGG HARBOR BAY
 736 FEET OF BRIDGE IS OVER DRAG CHANNEL

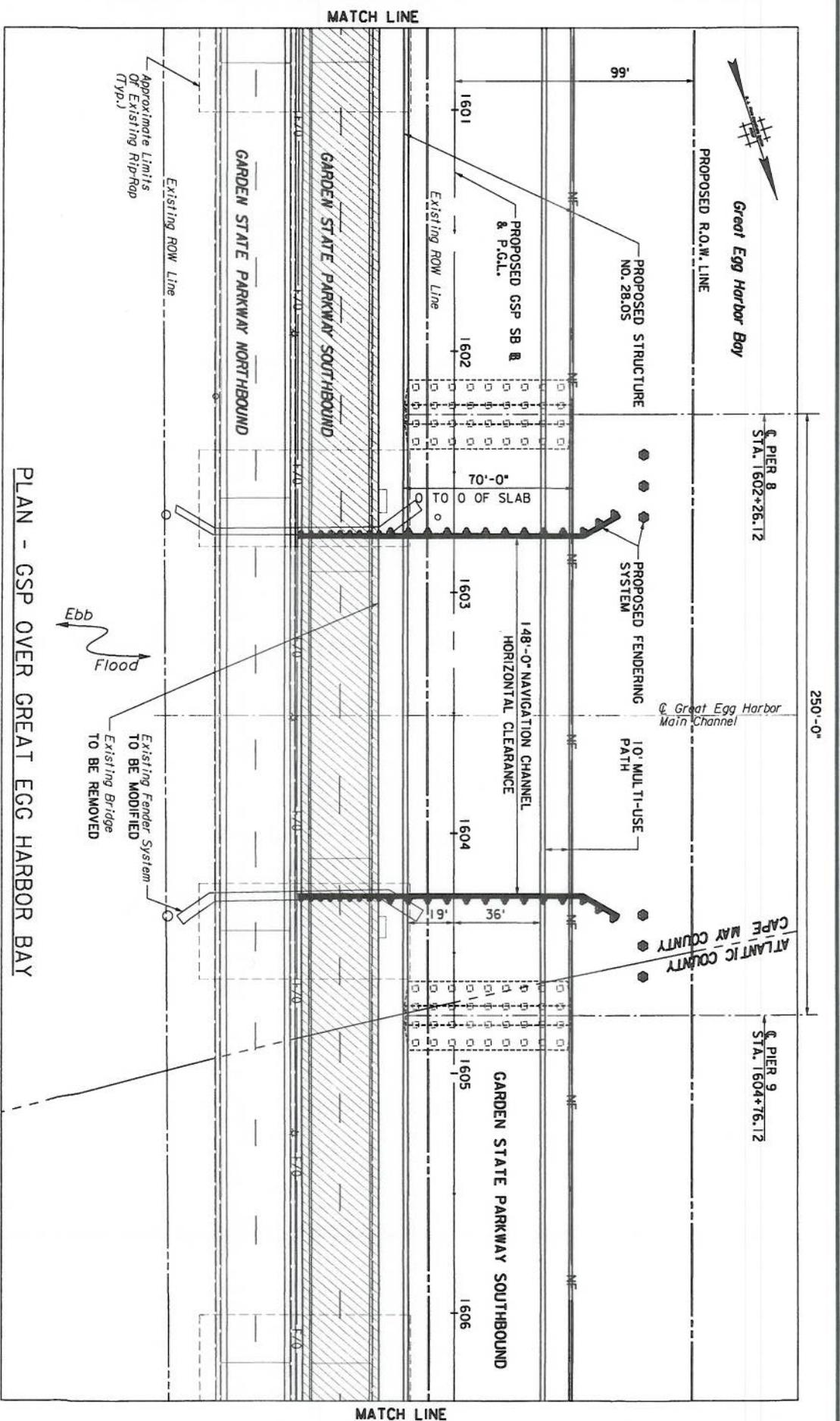
NEW JERSEY TURNPIKE AUTHORITY
GARDEN STATE PARKWAY
 CONTRACT NO. P100.251
 REPLACEMENT OF GSP BRIDGE NOS. 28.03 AND 28.65
 MILEPOST 27.0 TO 28.8

GREAT EGG HARBOR BAY
DRAG CHANNEL

TOWNSHIP OF UPPER CAPE MAY COUNTY
 TOWNSHIP OF EGG HARBOR, ATLANTIC COUNTY
 CITY OF SOMERS POINT, ATLANTIC COUNTY
 STATE OF NEW JERSEY

APPLICATION BY:
 NEW JERSEY TURNPIKE AUTHORITY
 SHEET 1 OF 5

DATE 10/15/12

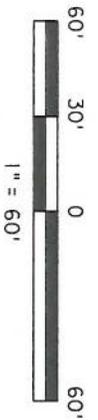


PLAN - GSP OVER GREAT EGG HARBOR BAY

LEGEND:
 BRIDGE TO BE REMOVED

NOTE:
 1. TEMPORARY CONSTRUCTION EASEMENTS NOT SHOWN.

100 YEAR FLOOD EL. = 9.2'
 500 YEAR FLOOD EL. = 14.0'
 DATUM: NAVD 1929



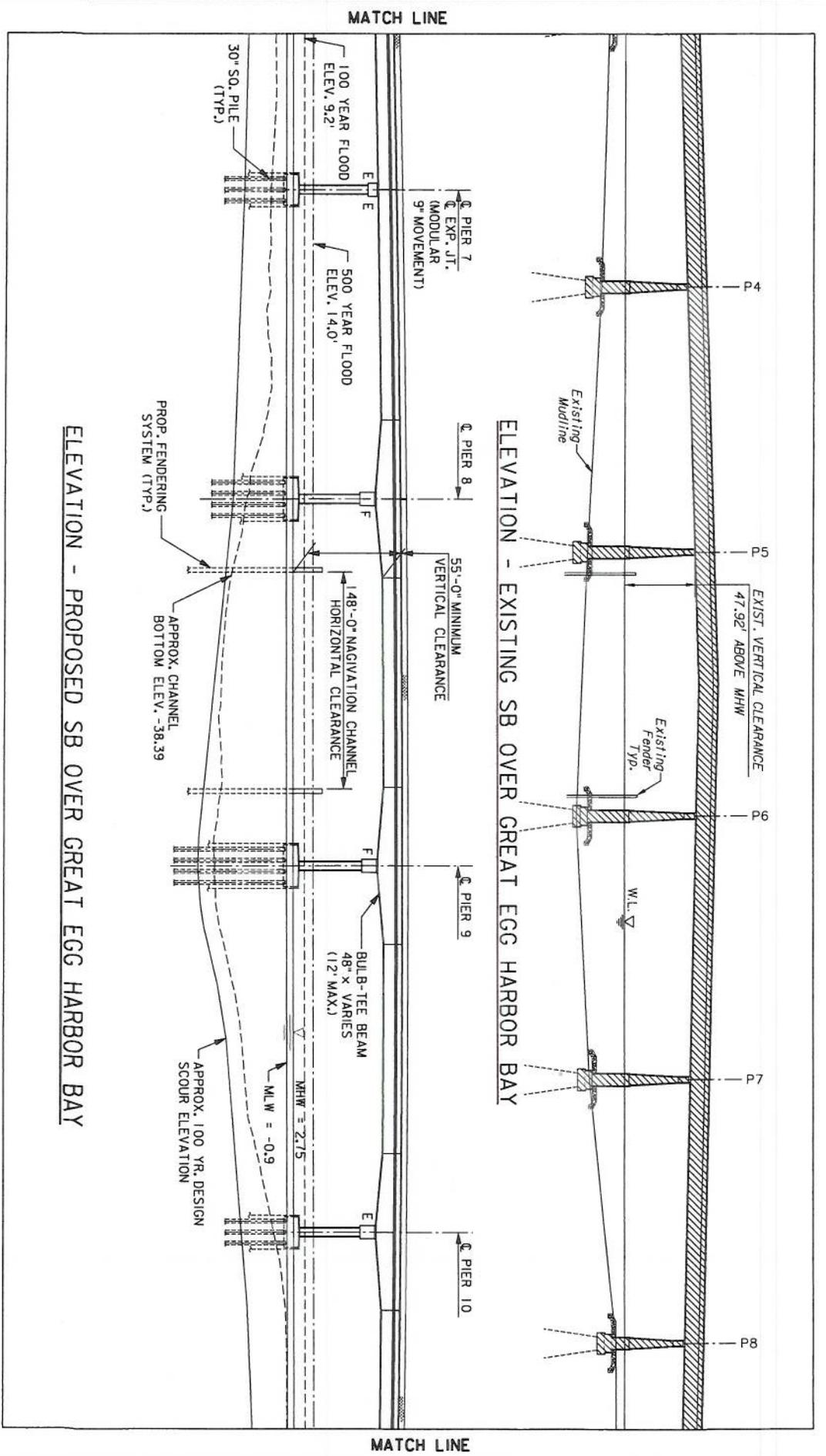
NEW JERSEY TURNPIKE AUTHORITY
GARDEN STATE PARKWAY
 REPLACEMENT OF GSP BRIDGE NOS. 28.05 AND 28.55
 MILLPOST 27.0 TO 28.8
 GREAT EGG HARBOR BAY

TOWNSHIP OF UPPER CAPE MAY COUNTY
 TOWNSHIP OF EGG HARBOR ATLANTIC COUNTY
 STATE OF NEW JERSEY

APPLICATION BY:
 NEW JERSEY TURNPIKE AUTHORITY

SHEET 2 OF 5

DATE 10/15/12



MATCH LINE

MATCH LINE

ELEVATION - PROPOSED SB OVER GREAT EGG HARBOR BAY

LEGEND:
 BRIDGE TO BE REMOVED

- NOTES:**
1. TEMPORARY CONSTRUCTION EASEMENTS NOT SHOWN.
 2. SUBSTRUCTURE UNITS SHALL BE REMOVED TO A MINIMUM OF 5 FEET BELOW THE MUDDLINE IN THE NAVIGATION CHANNEL AND A MINIMUM OF 2 FEET BELOW THE MUDDLINE EVERYWHERE ELSE.

100 YEAR FLOOD EL. = 9.2'
 500 YEAR FLOOD EL. = 14.0'
 DATUM: NAVD 1929



NEW JERSEY TURNPIKE AUTHORITY

GARDEN STATE PARKWAY

REPLACEMENT OF GSP BRIDGE NOS. 28.09 AND 28.55
 CONTRACT NO. P100.251
 MILEPOST 27.0 TO 28.8

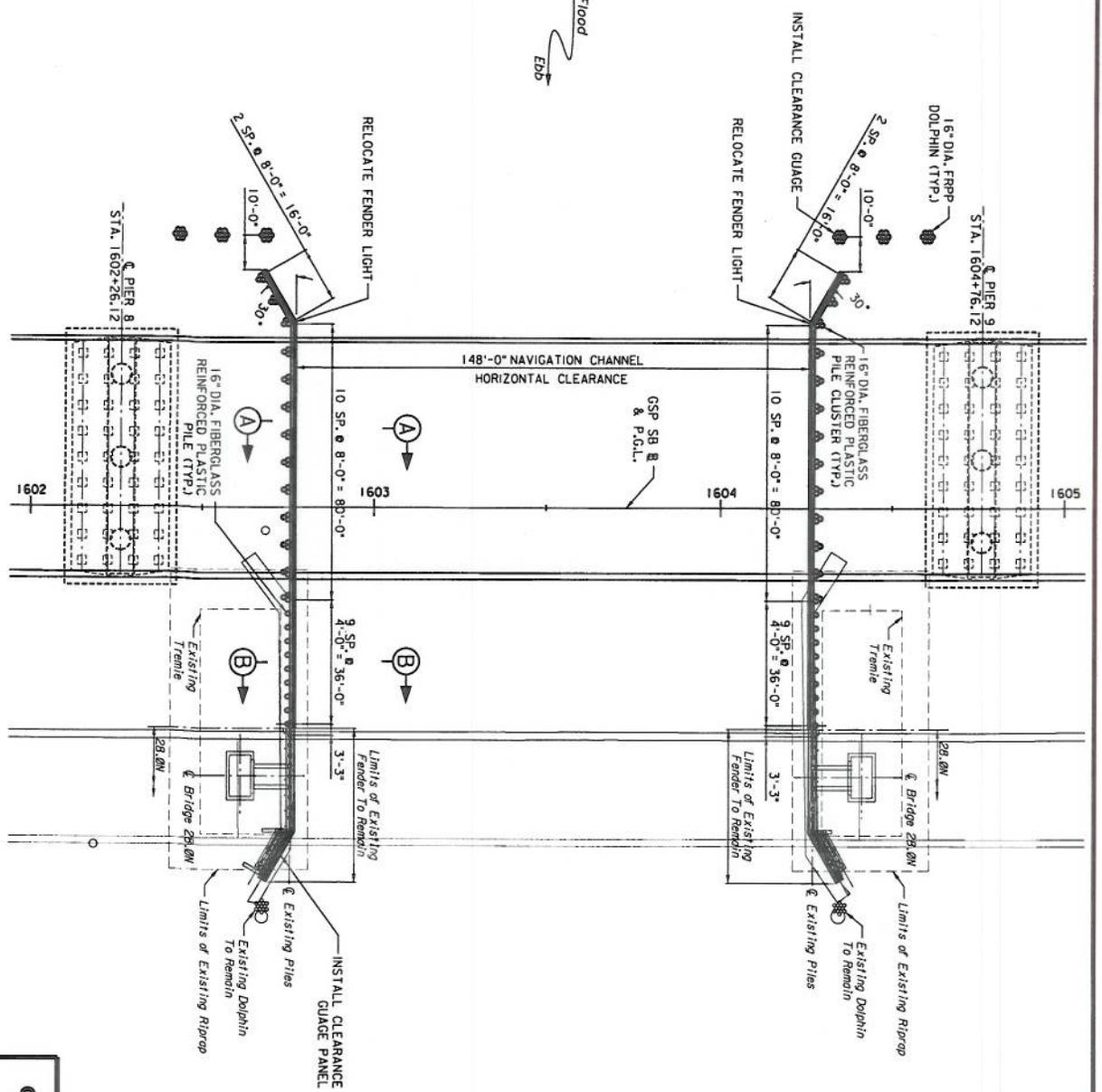
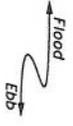
GREAT EGG HARBOR BAY

TOWNSHIP OF UPPER CAPE MAY COUNTY
 TOWNSHIP OF EGG HARBOR, ATLANTIC COUNTY
 STATE OF NEW JERSEY

APPLICATION BY:
 NEW JERSEY TURNPIKE AUTHORITY

DATE 10/15/12

SHEET 3 OF 5



FENDER SYSTEM LAYOUT PLAN



100 YEAR FLOOD EL. = 9.2'
 500 YEAR FLOOD EL. = 14.0'
 DATUM: NAVD 1929

NEW JERSEY TURNPIKE AUTHORITY
GARDEN STATE PARKWAY
 REPLACEMENT OF GSP BRIDGE NOS. 2808 AND 2855
 MILEPOST 27.0 TO 28.5

GREAT EGG HARBOR BAY
 TOWNSHIP OF UPPER CAPE MAY COUNTY
 TOWNSHIP OF EGG HARBOR ATLANTIC COUNTY
 STATE OF NEW JERSEY

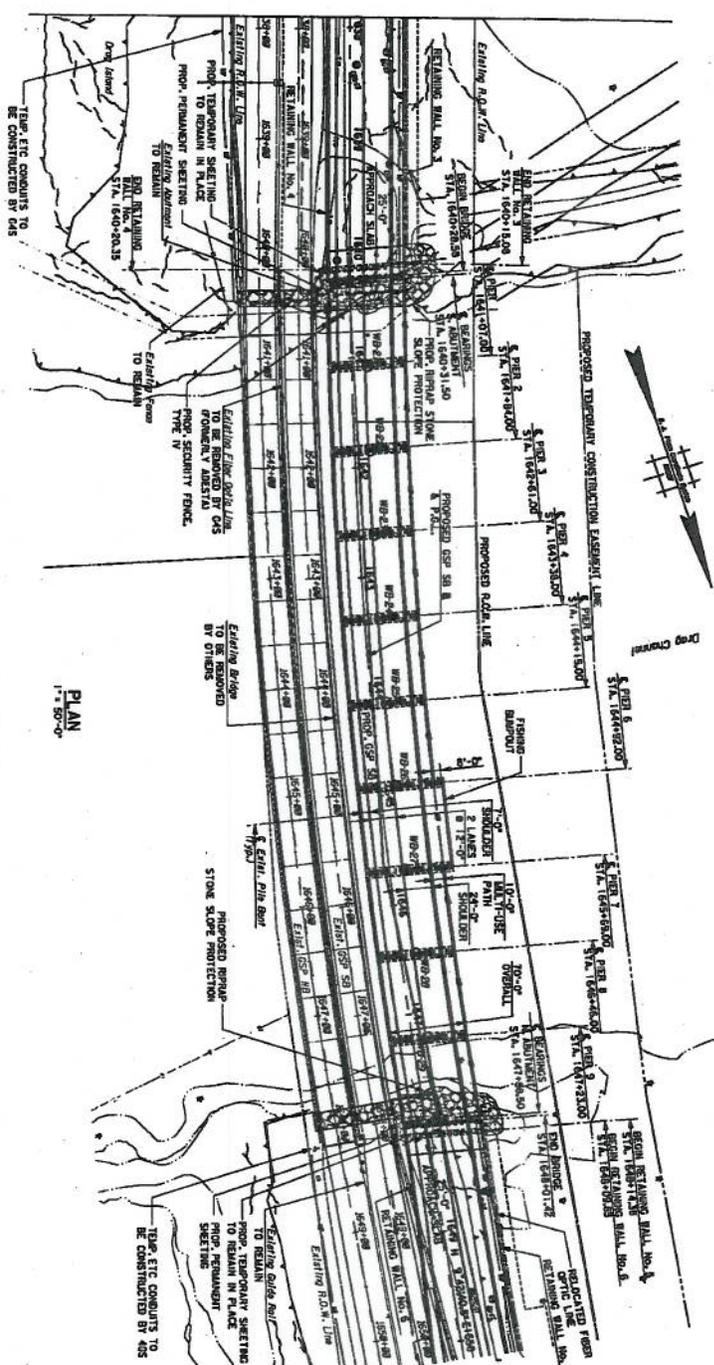
APPLICATION BY:
 NEW JERSEY TURNPIKE AUTHORITY

DATE 10/15/12

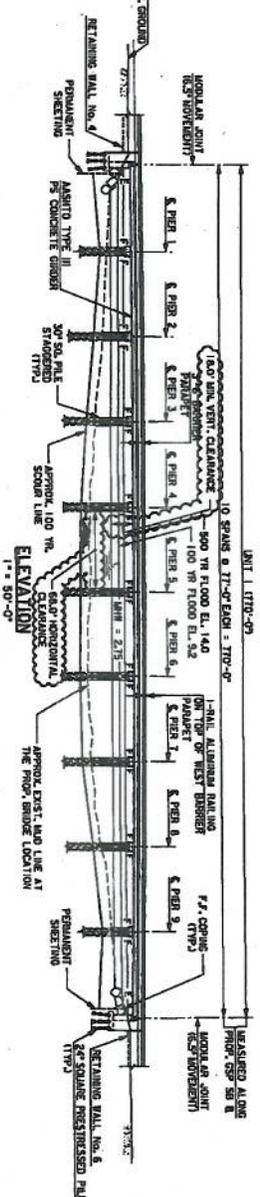
SHEET 5 OF 5

CITY OF SUIERS POINT

ATLANTIC COUNTY



PLAN
1" = 50'-0"



ELEVATION
1" = 50'-0"

- LEGEND**
- B-X-Y/Z-XX INDICATES TEST BORING LOCATION
 - C-XX INDICATES CORE PENETRATION TEST BORING LOCATION

- NOTES**
1. EXISTING BRIDGE NOT SHOWN ON ELEVATION FOR CLARITY.
 2. EXISTING BEAMERS ARE PROPOSED UNDER UNIT 1 PILES.
 3. SCOUR CONDITIONS ASSUMED AS PART OF EXISTING CONTRACT PILING CONSTRUCTION TO VERIFY ACTUAL CONDITIONS.
 4. SEE GENERAL NOTES, LOCATIONS, SET DATA PLANS.
 5. FOR LIGHTING STANDING LOCATIONS, SEE LIGHTING PLAN.

REV.	DESCRIPTION	DATE	BY	CHK.

NAVIGATION DATA	
VERTICAL CLEARANCE (FEET)	HORIZONTAL CLEARANCE (FEET)
EXISTING 18.0'	33.0'
PROPOSED 18.0'	84.0'



NEW JERSEY TRANSPORTATION AUTHORITY
GARDEN STATE PARKWAY
 REPLACEMENT OF STRUCTURE NOS. 2A35 AND 2A36
 MIL. POST 27.0 TO 28.5

STRUCTURE NO. 2A35
 CONTRACT NO. P10026
 GENERAL PLAN AND ELEVATION
 HIL. POST 27.0 TO 28.5

HANDBERRY & HANOVER, LLP
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 PHONE: 215.576.1000
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SCALE: AS NOTED
 DATE: DECEMBER 2013

DATE: 12/13/13

SHEET 1 OF 2

DATE	BY
12/13/13	
12/13/13	
12/13/13	
12/13/13	

DATE: 12/20/12
 DRAWN BY: J. S. SCHAFFELICH
 CHECKED BY: J. S. SCHAFFELICH
 PROJECT NO.: 100287
 SHEET NO.: 2012

NO.	DATE	BY	CHK	DESCRIPTION
1	12/20/12	J. S. SCHAFFELICH	J. S. SCHAFFELICH	ISSUED FOR PERMIT
2	12/20/12	J. S. SCHAFFELICH	J. S. SCHAFFELICH	REVISED
3	12/20/12	J. S. SCHAFFELICH	J. S. SCHAFFELICH	REVISED
4	12/20/12	J. S. SCHAFFELICH	J. S. SCHAFFELICH	REVISED

REV.	DATE	BY	CHK	DESCRIPTION

SCALE: AS NOTED
 DATE: DECEMBER 2012

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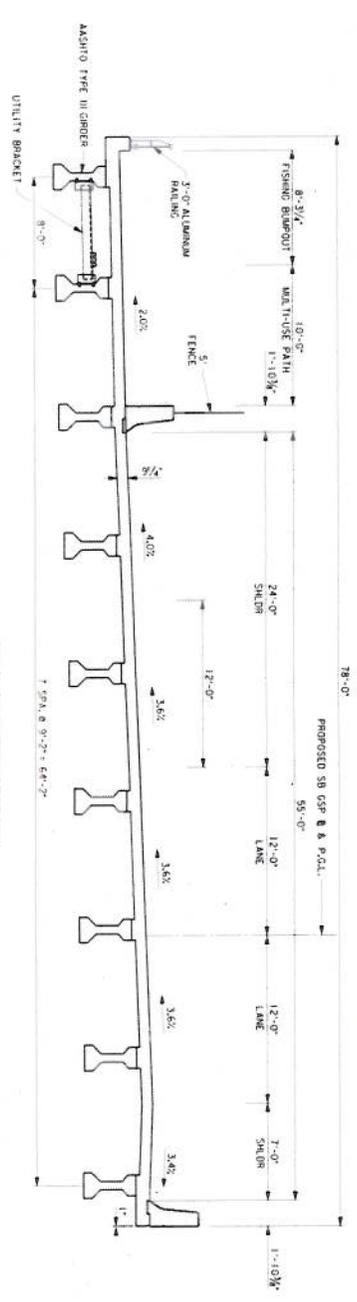
STRUCTURE NO. 28.55
 GSP SB OVER DRAIN CHANNEL
 TYPICAL SECTION

CONTRACT NO. 100287
 REPLACEMENT OF 100287 GSP SB AND 28.55
 MILEPOST 27.0 TO 28.8

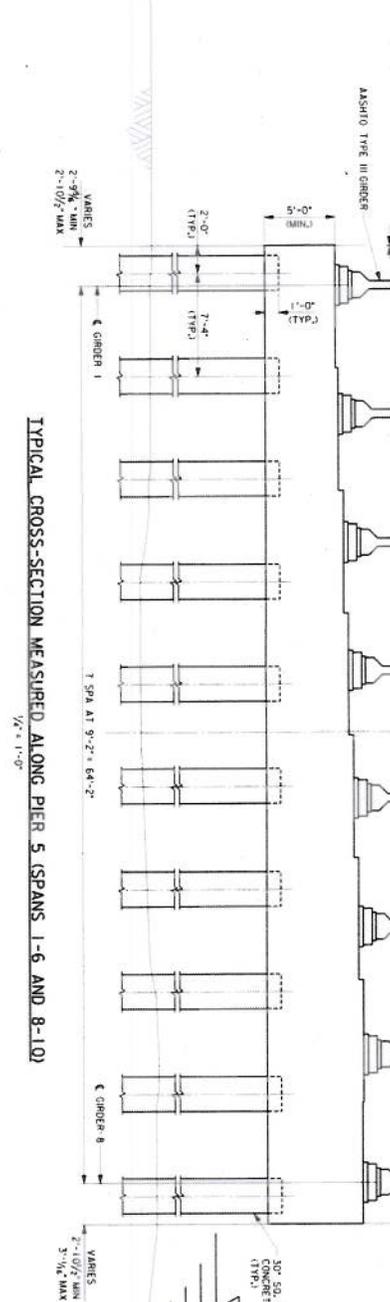
NEW RENEW THROUGH AUTHORITY
GARDEN STATE PARKWAY
 CONTRACT NO. 100287
 REPLACEMENT OF 100287 GSP SB AND 28.55
 MILEPOST 27.0 TO 28.8

SCALE: AS NOTED
 DATE: DECEMBER 2012

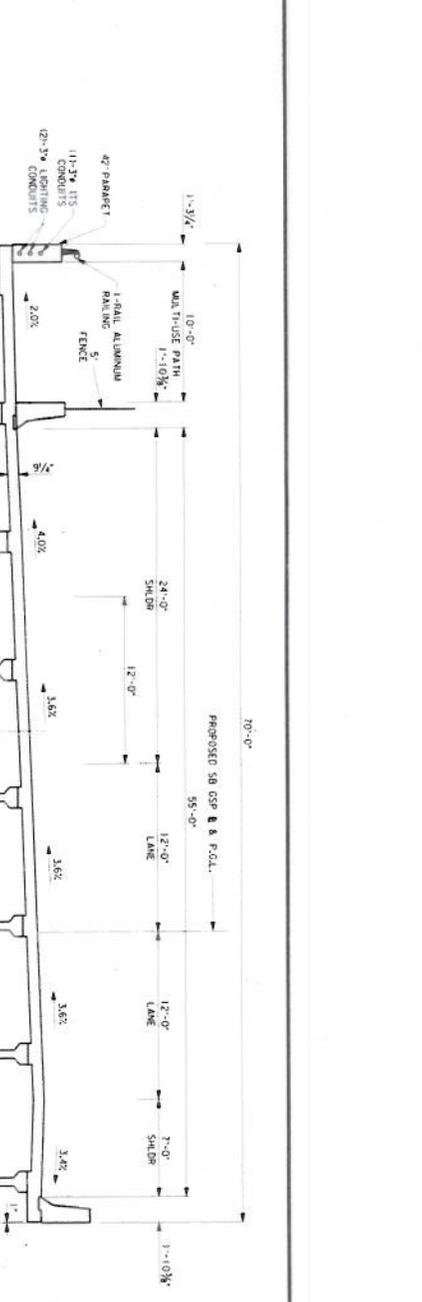
348
 437



TYPICAL CROSS-SECTION MEASURED ALONG PIER 5 (SPANS 1-6 AND 8-10)



TYPICAL CROSS-SECTION MEASURED ALONG PIER 5 (SPANS 1-6 AND 8-10)



TYPICAL CROSS-SECTION MEASURED ALONG PIER 5 (SPANS 1-6 AND 8-10)

