



16591
24 DEC 2013

PUBLIC NOTICE 5-1321

TO WHOM IT MAY CONCERN:

All interested parties are notified that the Commander, Fifth Coast Guard District has received an application from the Consolidated Rail Corporation (Conrail) for the proposed replacement of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Mantua Creek, at mile 1.4, in the Borough of Paulsboro in Gloucester County, NJ.

CHARACTER OF WORK: The original bridge operating mechanism consisted of a 184-foot long shear pole, operated A-frame that opened the swing span over Mantua Creek. Due to a train derailment in November 2012, the movable swing span of the drawbridge was damaged beyond repair. Shortly after the derailment, the original structure was modified such that the bridge could no longer open to marine traffic. The resulting fixed bridge prevents the majority of vessels from transiting on Mantua Creek. Conrail proposes to replace the existing fixed span structure with a new tower span vertical-lift drawbridge.

MINIMUM NAVIGATIONAL CLEARANCES:

<u>Existing</u>	<u>Proposed</u>
Vertical Clearance – 0.2 feet above mean high water (MHW)	Vertical Clearance – 2 feet above MHW, in the closed position; and 25 feet above MHW in the full open position.
Horizontal Clearance – 32 feet between the pile bents.	Horizontal Clearance – 44 feet on a skewed channel between the pile bents.

ENVIRONMENTAL CONSIDERATIONS: The US Coast Guard is the lead federal agency for this project. The US Coast Guard has tentatively determined that a categorical exclusion may apply based on the project consisting of replacement of an existing bridge on essentially the same alignment and location. The 100-year floodplain is at elevation 8.9.

WETLANDS: The proposed project has minimal impact to the wetlands associated with Mantua Creek. The eastern (northbound) timber pile and plank abutment will be removed which may result in minor temporary disruptions. These structures will be removed by extraction or cut off to two feet below the mud line. The project will result in 800 square feet of open water disturbance associated with shading caused by the slightly larger footprint of the proposed bridge.

ESSENTIAL FISH HABITAT: Coordination with the National Marine Fisheries Service (NMFS) indicates that there is no essential fish habitat in the vicinity of the proposed project area. Disturbance within the stream due to the rehabilitation of the existing bridge and construction of the proposed bridge will be kept to the minimum necessary for the project.

ENDANGERED/THREATENED SPECIES: Consultation pursuant to the Endangered Species Act of 1973 with the US Fish and Wildlife Service (F&WS) was conducted in June 2013. F&WS identified a threatened species, swamp pink (*helonias bullata*), is located near the project's impacted area. F&WS concluded that the project was not likely to affect the species based on no occurrences within the project area. Other than swamp pink, F&WS indicated no other federally listed or proposed threatened or endangered species occur within the project area.

Consultation with NMFS was conducted in June 2013 under the Fish and Wildlife Coordination Act and the Magnuson-Stevens Fishery Conservation and Management Act. The specific fish listed by NMFS are not on the federal list of threatened and endangered species. NMFS identified striped bass, alewife, and blue back herring as potentially using Mantua Creek for spawning. To minimize impacts to these species, in-water work should be avoided during their spawning season from March 15 to June 30. US Coast Guard consultation with NMFS and F&WS is on-going to confirm the information from June 2013 remains valid and to consider further comments related to the project area.

HISTORIC PROPERTIES: Coordination with the State of New Jersey State Historic Preservation Office under Section 106 of the National Historic Preservation Act of 1966 has determined that **no historic properties will be affected** by this project.

ENVIRONMENTAL JUSTICE: Based upon environmental documentation for this project, it appears that the proposed bridge project will have no adverse environmental justice impacts upon minority and low-income populations. The surrounding community may benefit from this project because the proposed bridge will allow more vessels to transit Mantua Creek. Information and data contrary to this no-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 replacement of the proposed bridge 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 **23 JAN 2014**.

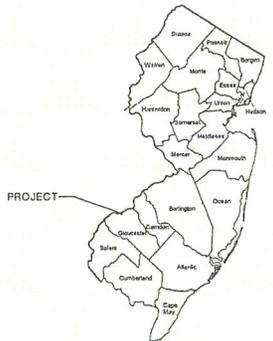
//s//

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

Copies of location map and plans are attached

“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.”

A B C D E F G H



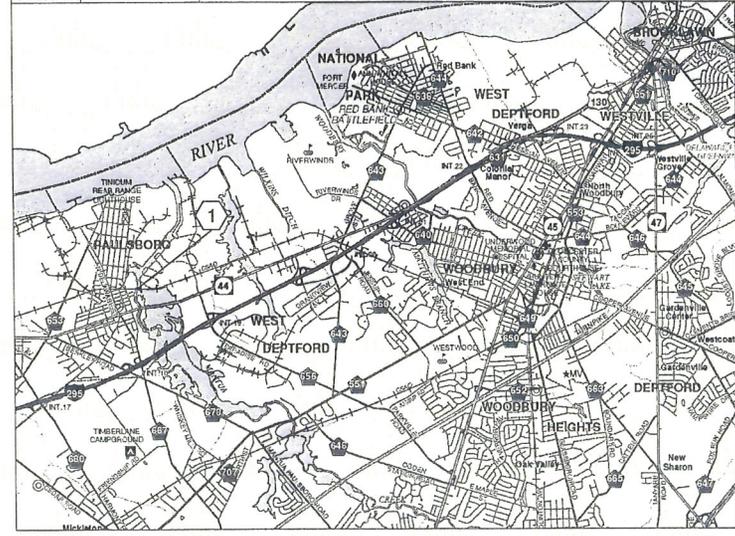
PROJECT LOCATION

CONRAIL

1 RECONSTRUCTION OF UNDERGRADE BRIDGE 13.70

PAULSBORO BOROUGH, WEST DEPTFORD TOWNSHIP GLOUCESTER COUNTY

PROJECT CATEGORIES MAINTENANCE AND OPERATIONS SCALES AS INDICATED NOVEMBER 2013



KEY MAP



PREPARED BY:
 MODJESKI-MASTERS
 155 EAST THIRD STREET
 MOORESTOWN, NJ, 08057
 NJ CERTIFICATE NO. 24GA28045800

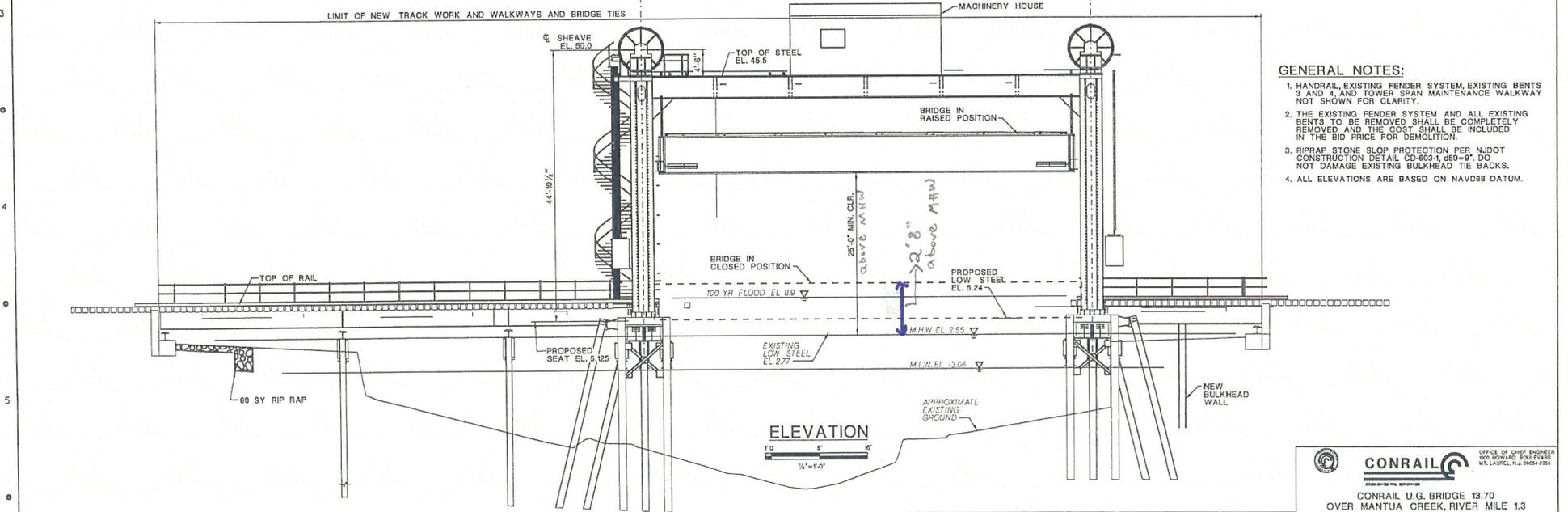
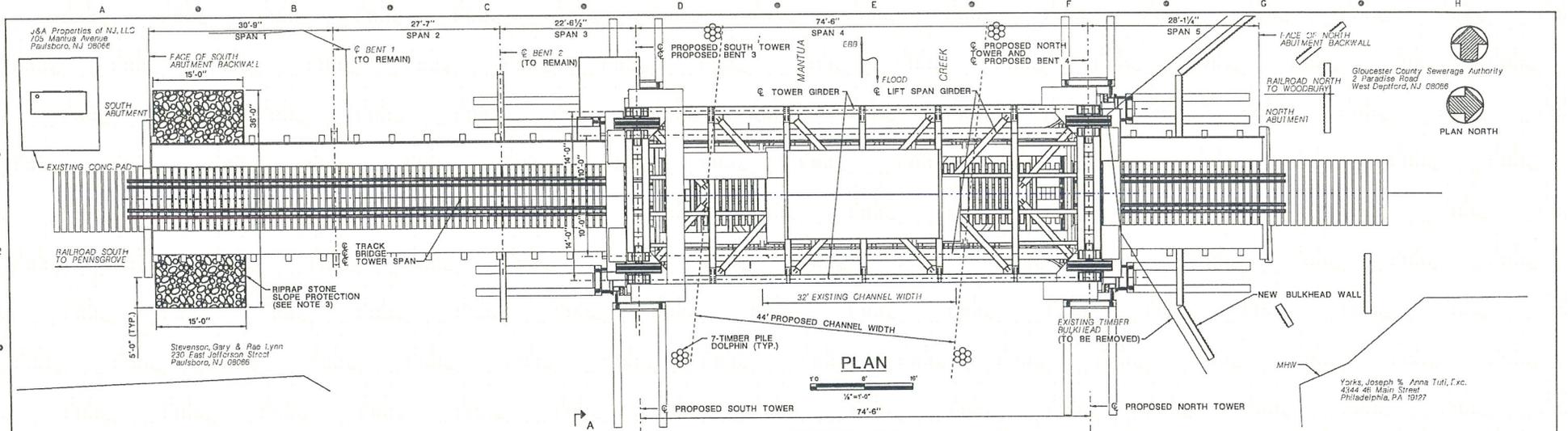
APPROVED BY:
 RICHARD M. MODJESKI
 DATE: 11-22-2013

NO.	DATE	BY	DESCRIPTION

CONRAIL U.G. BRIDGE 13.70
 OVER MANTUA CREEK, RIVER MILE 1.3
 PAULSBORO BOROUGH, TOWNSHIP OF
 WEST DEPTFORD, GLOUCESTER COUNTY, NJ

OFFICE OF CHIEF ENGINEER
 900 HOWARD BOULEVARD
 MT. LAUREL, N.J. 08054-2355

TITLE SHEET	
SCALE: AS NOTED	SHEET: 1 OF 3
DATE: NOV. 22, 2013	DRAWING NO.: 1



- GENERAL NOTES:**
1. HANDRAIL, EXISTING FENDER SYSTEM, EXISTING BENTS 3 AND 4, AND TOWER SPAN MAINTENANCE WALKWAY NOT SHOWN FOR CLARITY.
 2. THE EXISTING FENDER SYSTEM AND ALL EXISTING BENTS TO BE REMOVED SHALL BE COMPLETELY REMOVED AND THE COST SHALL BE INCLUDED IN THE BID PRICE FOR DEMOLITION.
 3. RIPRAP STONE SLOPE PROTECTION PER NJDOT CONSTRUCTION DETAIL CD-603.1 (50'-8") DO NOT DAMAGE EXISTING BULKHEAD TIE BACKS.
 4. ALL ELEVATIONS ARE BASED ON NAVD88 DATUM.

CONRAIL OFFICE OF CHIEF ENGINEER
 908 HOWARD BOULEVARD
 MT. LAUREL, NJ 08054-2355

CONRAIL U.G. BRIDGE 13.70
 OVER MANTUA CREEK, RIVER MILE 1.3
 PAULSBORO BOROUGH, TOWNSHIP OF
 WEST DEPTFORD, GLOUCESTER COUNTY, NJ

GENERAL PLAN AND ELEVATION

NO.	DATE	BY	DESCRIPTION	APPROVED:	SCALE:	SHEET:
1					1/4" = 1'-0"	2 OF 3
2	NOV. 22, 2013					2

PREPARED BY:
MODJESKI-MASTERS
 Engineers and Architects

155 EAST THIRD STREET
 MOORESTOWN, NJ, 08057
 NJ CERTIFICATE NO. 24GA28045800

DATE: 11-22-2013

APPROVED:

DES	MAN	ENR	RES	CHK	REV

J&A Properties of NJ, LLC
 703 Mantua Avenue
 Paulsboro, NJ 08066

Stevenson, Gary & Rao Lynn
 230 East Jefferson Street
 Paulsboro, NJ 08066

Yorks, Joseph & Anna Tuti, Cxc.
 4344 46 Main Street
 Philadelphia, PA 19127



