



Commander (dpb)  
First Coast Guard District  
1 South Street  
Battery Park Building  
New York, NY 10004-1466

January 29, 2021

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## PUBLIC NOTICE (1-183)

Subject: **PROPOSED CONSTRUCTION OF THE TREMLEY POINT CONNECTOR ROAD (TPCR) OVER THE RAHWAY RIVER BETWEEN THE BOROUGH OF CARTERET, MIDDLESEX COUNTY AND THE CITY OF LINDEN, UNION COUNTY, NEW JERSEY**

All interested parties are notified that the Commander, First Coast Guard District, has received an application from the New Jersey Turnpike Authority (NJTA) for approval of the proposed location and plans for the construction of a fixed bridge over the Rahway River, a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Rahway River 1.3 miles above the mouth of the waterway.

**CHARACTER OF WORK:** The project involves the construction of a new 1.1 mile long, roadway primarily built as a multi-span fixed span bridge. NJTA proposes to construct the TPCR primarily on two bridges predominantly drilled shaft supported with an elevated portion of the roadway and the two ends of the TPCR constructed on an embankment contained between retaining walls. The typical section of the proposed TPCR roadway consists of two 12-foot wide lanes in each direction and 3-foot wide right shoulders. The southern limit of the proposed TPCR will connect to Peter J. Sica Industrial Highway in Carteret, Middlesex County, NJ. Progressing northward, the TPCR crosses over the Rahway River and connects to Tremley Point Road in the City of Linden, Union County at the northern limit. The proposed TPCR is approximately 2,500 feet east of Mile post 97.2 on the New Jersey Turnpike, north of Interchange 12.

The proposed bridge over the Rahway River will cross at approximately mile point 1.3 and will span over the 100-foot-wide channel.

**MINIMUM NAVIGATIONAL CLEARANCES:**

	<u>Existing Channel</u>	<u>Proposed Navigational Span</u>
Horizontal: (normal to axis of the channel)	100 feet	165 feet

	<u>Existing Channel</u>	<u>Proposed Navigational Span</u>
Vertical: (above MHW) (NAVD88)	Not Applicable	approximately 37 feet (To exceed clearance of upstream NJ Turnpike bridges)

**ENVIRONMENTAL CONSIDERATION:**

The Coast Guard (USCG), as the lead Federal agency for the proposed project, has reviewed the environmental report prepared by the applicant for the project between 2006 and 2010 when the application was first submitted in 2010. At that time, the USCG issued a Mitigated Finding of No Significant Impact, (FONSI) on November 15, 2013, for the Preferred Alternative presented in the Environmental Assessment (EA). The USCG determined that the proposed action will not have a significant impact on the environment for purposes of the National Environmental Policy Act (NEPA) under the criteria given in the USCG's NEPA implementation instruction. Due to the length of time that passed, the USCG is requesting public comments for any new significant impacts to be revealed by this public notification that warrant the preparation of additional environmental documentation. The Environmental Assessment, including the prior public and agency comments, will be re-evaluated by the USCG and additional comments from the public and agencies considered. The Environmental Assessment can be reviewed at USCG District One, Bridge Branch, Room 311, One South Street, New York, NY by appointment, between 7 am to 3 pm, Monday through Friday.

The project is not considered an encroachment on the 100-year floodplain. The 100-year flood elevation is + 13 feet mean sea level. The low steel of the navigational span of the proposed bridge is approximately 37 feet above mean sea level. Portions of the project where retaining walls are proposed, Industrial Highway and Tremley Point Road are within the 10-year flood plain of Rahway River and the Arthur Kill waterway.

An application to the New Jersey Department of Environmental Protection (NJDEP) authorizing the permanent disturbance of approximately 4.3 acres of freshwater wetlands under an Individual Freshwater Wetlands Permit for the construction of the TPCR over the Rahway River as well as a Water Quality Certificate are pending.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson –Stevens Fishery Conservation and Management Act. TPCR EA EFH Analysis concluded that the construction and operation of the TPCR will result in no more than minor impacts to designated species or designated species' EFH. Our initial determination was that implementation of the proposed wetland mitigation plan will offset any minor impacts and may provide a net increase in EFH for designated species in the region. NJTA will file a NOAA Essential Fish Habitat Assessment Worksheet because the EA is more than 5 years old. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Services.

This notice initiates consultation requirements with the U.S. Army Corps of Engineers (USACE) under section 404 of the Clean Water Act and Section 10 of the Rivers and Harbor Act of 1988. Additionally, consultation with the USACE on pier placement is pending. Further, a wetland

delineation in 2017 indicated approximately the same area of wetlands as the 2010 delineation. Further consultation is required with USACE for the permanent wetland disturbance of 4.3 acres and temporary wetland disturbance. Potential additional disturbances related to the addition of tolling equipment to the project have not yet been determined.

The applicant performed a Stage IA Archeological and Intensive Level Historic Architectural Survey for the proposed bridge project during the initial environmental review process and this survey determined that there are no known archaeological sites within the proposed TPCR area. The environmental review process also determined that a Stage 1B Survey should be completed now that a preferred alignment has been selected. USCG has initially determined that the proposed bridge constitutes an undertaking under Section 106 of the National Historic Preservation Act of 1966 (54 U.S.C. § 306101 *et seq*) (NHPA), as amended and re-codified. The NJTA will reinitiate consultation with the New Jersey State Historic Preservation Officer (NJ SHPO), regarding the scope and content of the Stage 1B Survey.

An air conformity applicability study would be performed under the General Conformity rule established in 40 CFR 93.153: by demonstrating that project-related emissions would not exceed allowable *de minimis* criteria in the year during which emissions from the Project is expected to be greatest on an annual basis. The general conformity requirements under 40 CFR 93.158 / 40 CFR 51.858 have been satisfied for mobile source emissions by the inclusion of the TPCR in the North Jersey Transportation Planning Authority (NJTPA) Transportation Improvement Program (TIP) and Transportation Conformity Determination. Emissions of NO<sub>x</sub>, VOC, CO and PM 2.5 are accounted for in the State Implementation Plan (SIP) mobile source emission projections, which were determined by the NJTPA and NJDEP to be in compliance with the mobile source emission budgets of the SIP.

The applicant, as the Coast Guard's designated Federal representative, will consult with the National Oceanic and Atmospheric Administration (NOAA), and the Marine Fisheries Service (NMFS), Habitat Conservation. Our final determination relative to project impacts and the need for mitigation measures is pending subject to review and coordination with NOAA, the National Marine Fisheries Service, Habitat Conservation.

Based upon environmental documentation submitted for this project, it appears that the proposed bridge project will have no adverse environmental justice impacts upon minority and low-income populations. Factual information and data contrary to this no adverse impact position should be submitted in response to this notice.

### **SOLICITATION OF COMMENTS:**

Mariners are requested to comment on navigation safety issues. Interested parties are requested to express their views, in writing, on the proposed bridge project possible environmental impacts, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to this proposal.

Comments will be received at the office of the Commander (dpb), First Coast Guard District, Battery Park Building, 1 South Street, New York, NY 10004-1466 through March 30, 2021 or by email to donna.d.leoce@uscg.mil.

It is requested that this information be brought to the attention of any person having an interest in this who may not have received a copy of this public notice.

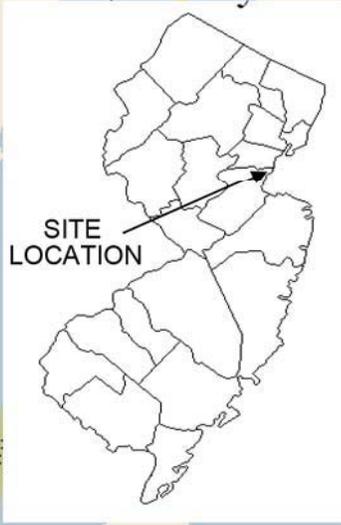
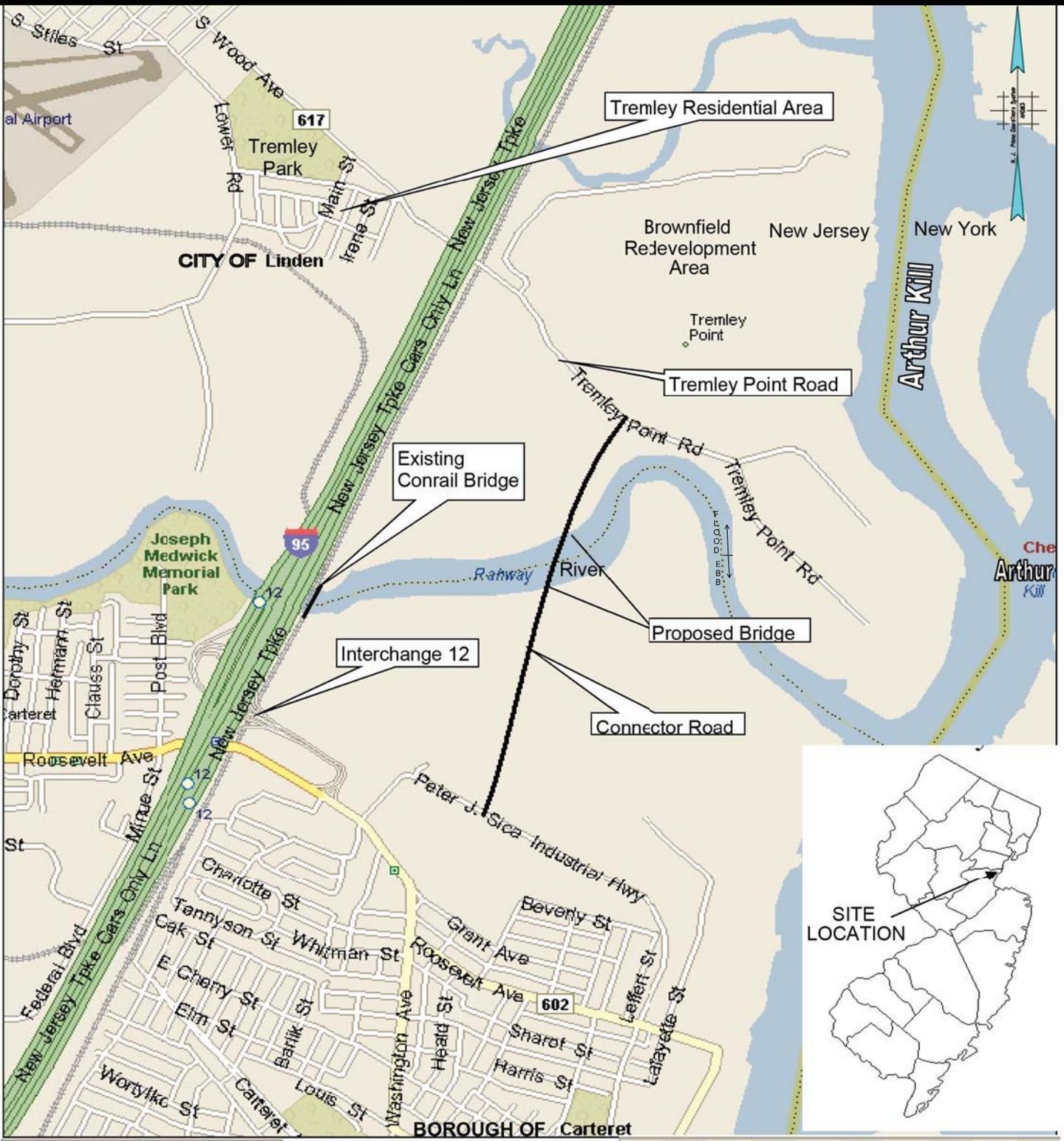
Plans of the proposed project are included in this public notice.

FOR THE DISTRICT COMMANDER:

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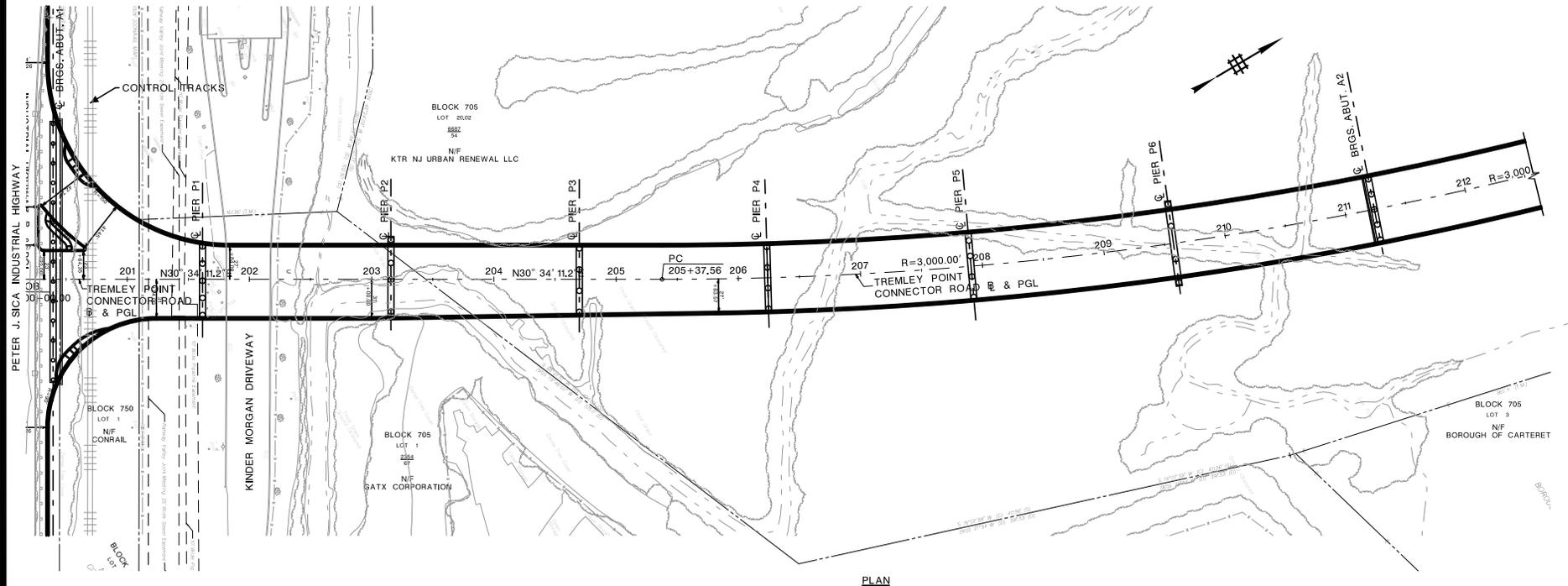
D.A. Fisher  
Supervisory Bridge Management Specialist  
First Coast Guard District  
By direction

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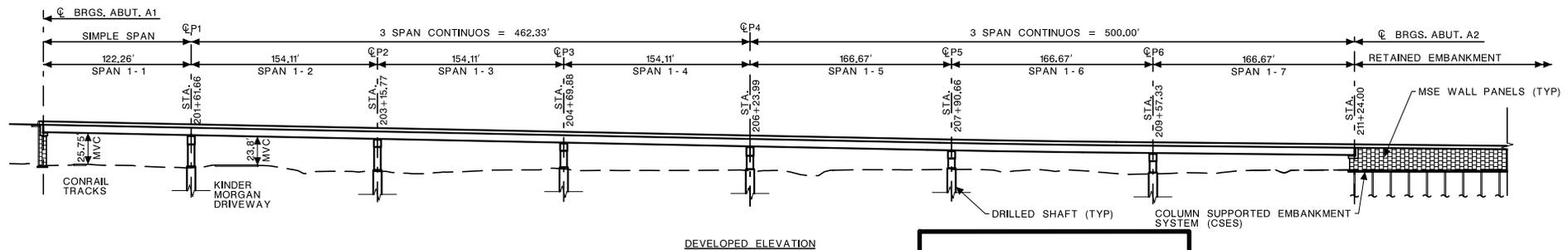


Legend  
 Tremley Point  
 Connector Road

NEW JERSEY TURNPIKE AUTHORITY  
 PROPOSED TREMLEY POINT CONNECTOR ROAD AND BRIDGE OVER RAHWAY RIVER (MILE POINT 1.3)  
 SITE LOCATION  
 BOROUGH OF CARTERET CITY OF LINDEN  
 MIDDLESEX COUNTY UNION COUNTY  
 STATE OF NEW JERSEY  
 APPLICATION BY: JACOBS  
 NEW JERSEY TURNPIKE AUTHORITY  
 DATE: MAY 2020



PLAN

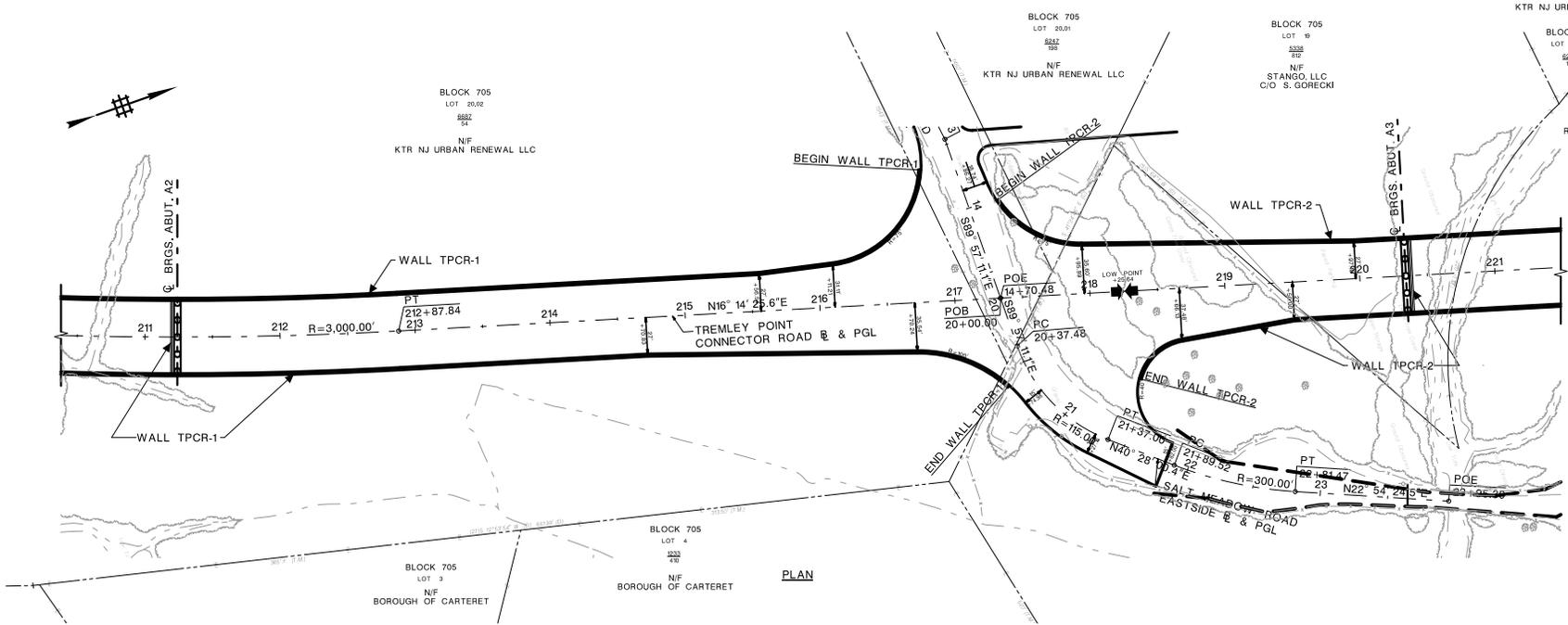


DEVELOPED ELEVATION

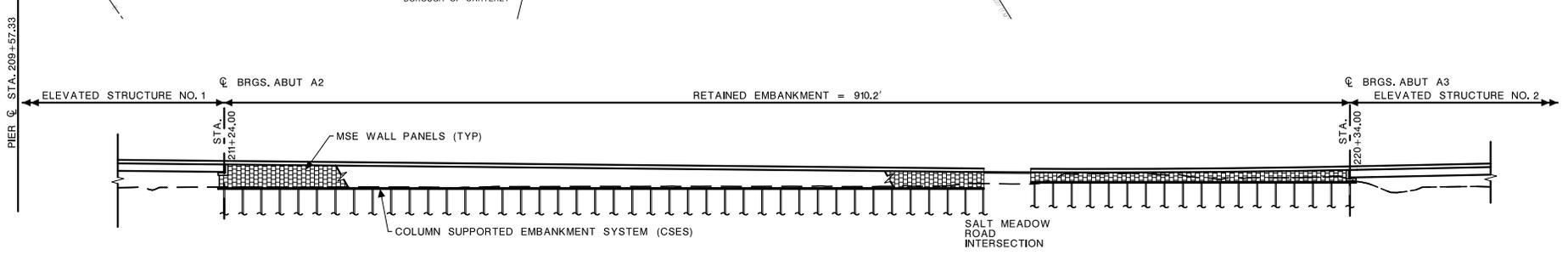


NEW JERSEY TURNPIKE AUTHORITY  
 PROPOSED TREMLEY POINT CONNECTOR  
 ROAD AND BRIDGE OVER RAHWAY RIVER  
 (MILE POINT 1.3)  
 GENERAL PLAN AND ELEVATION 1  
 BOROUGH OF CARTERET CITY OF LINDEN  
 MIDDLESEX COUNTY UNION COUNTY  
 STATE OF NEW JERSEY

APPLICATION BY: JACOBS  
 NEW JERSEY TURNPIKE AUTHORITY  
 DATE: MAY 2020



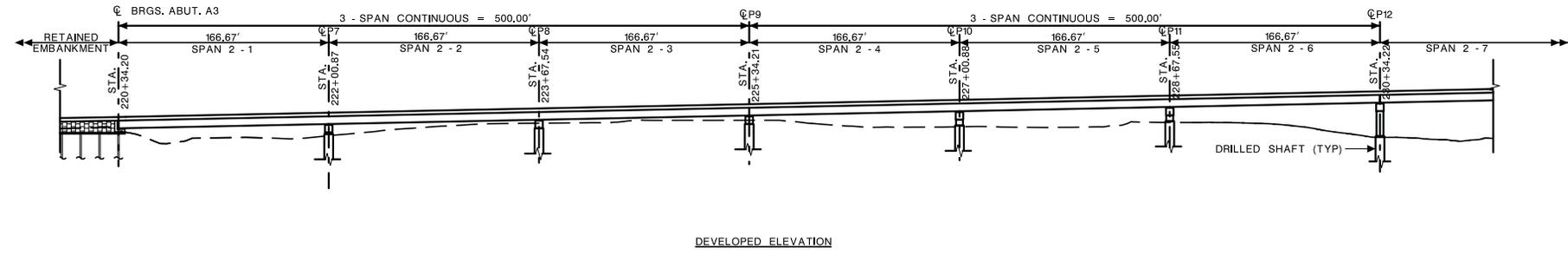
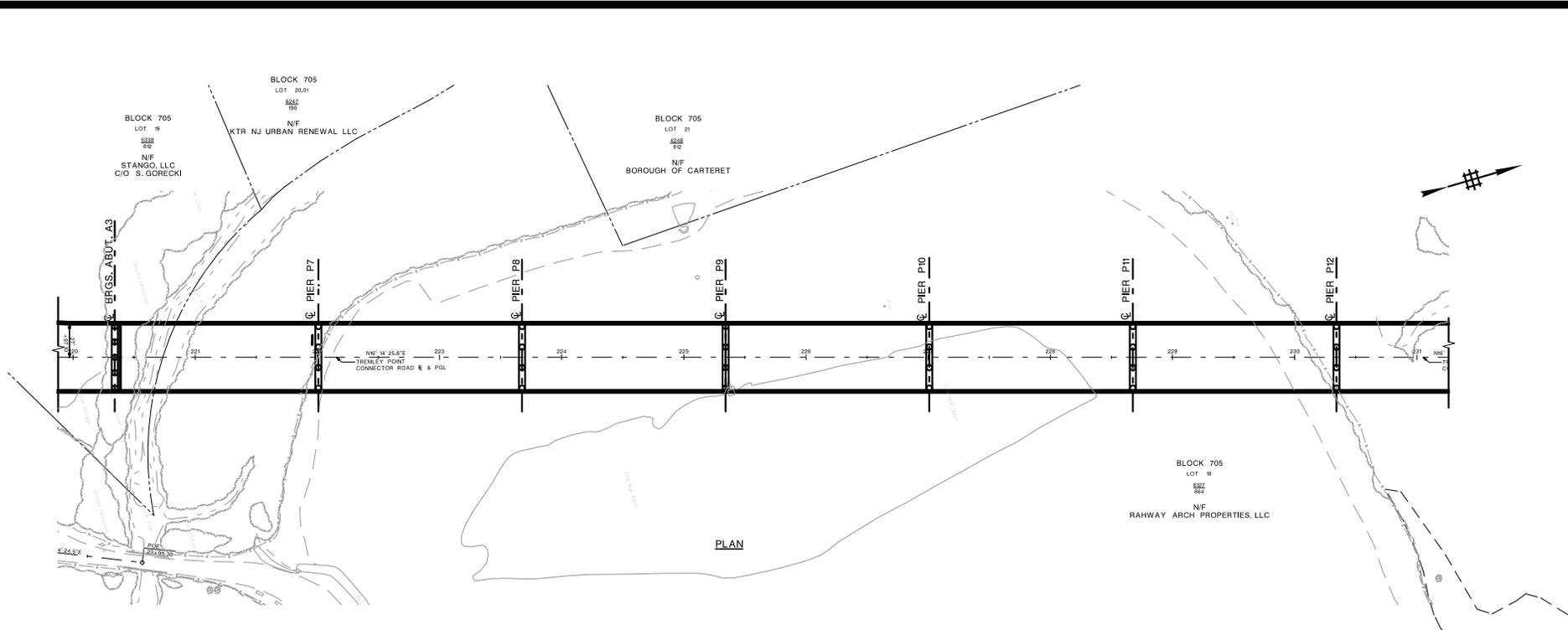
PLAN



DEVELOPED ELEVATION



NEW JERSEY TURNPIKE AUTHORITY  
 PROPOSED TREMLEY POINT CONNECTOR  
 ROAD AND BRIDGE OVER RAHWAY RIVER  
 (MILE POINT 1.3)  
 GENERAL PLAN AND ELEVATION 2  
 BOROUGH OF CARTERET CITY OF LINDEN  
 MIDDLESEX COUNTY UNION COUNTY  
 STATE OF NEW JERSEY  
 APPLICATION BY: JACOBS  
 NEW JERSEY TURNPIKE AUTHORITY  
 DATE: MAY 2020



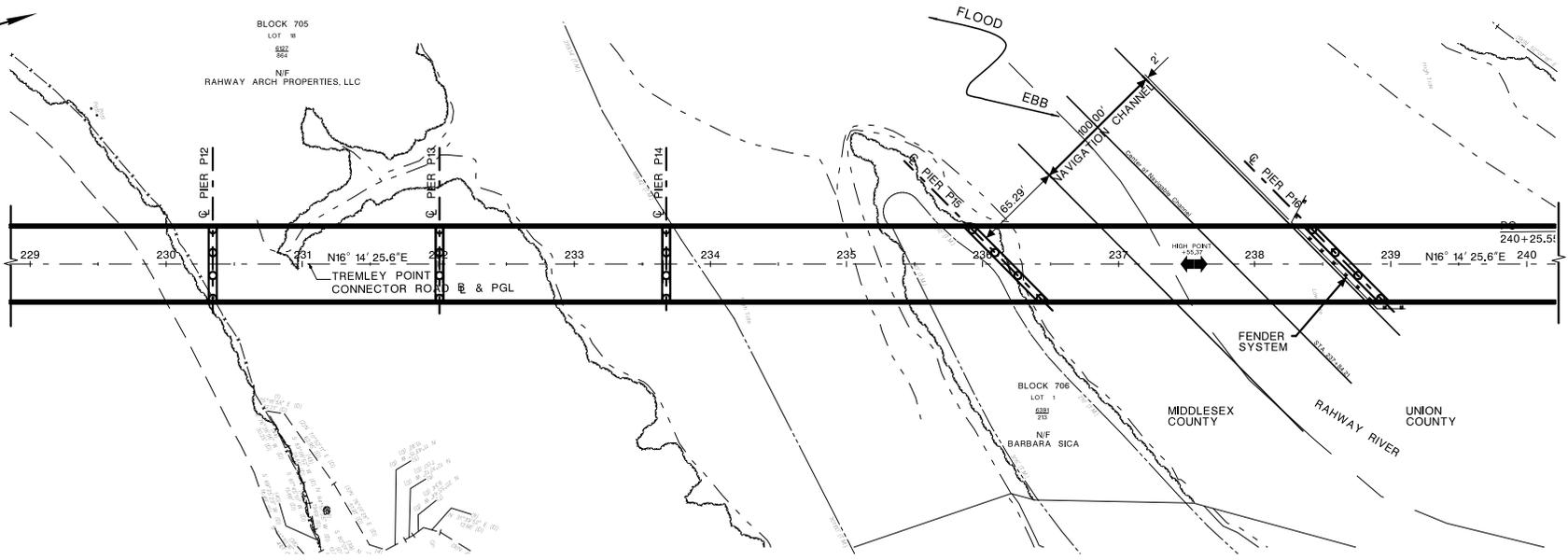
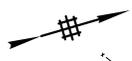
NEW JERSEY TURNPIKE AUTHORITY

PROPOSED TREMLEY POINT CONNECTOR  
ROAD AND BRIDGE OVER RAHWAY RIVER  
(MILE POINT 1.3)

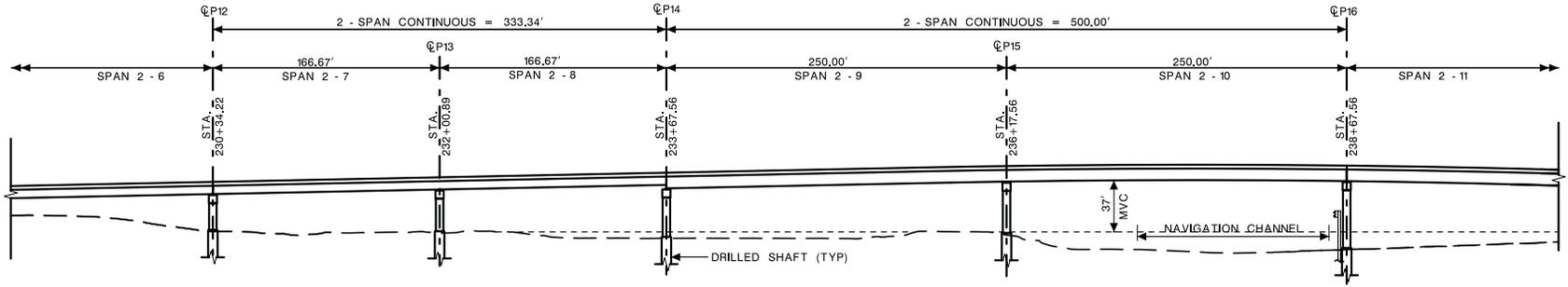
GENERAL PLAN AND ELEVATION 3

BOROUGH OF CARTERET CITY OF LINDEN  
MIDDLESEX COUNTY UNION COUNTY  
STATE OF NEW JERSEY

APPLICATION BY: JACOBS  
NEW JERSEY TURNPIKE AUTHORITY  
DATE: MAY 2020



PLAN



DEVELOPED ELEVATION



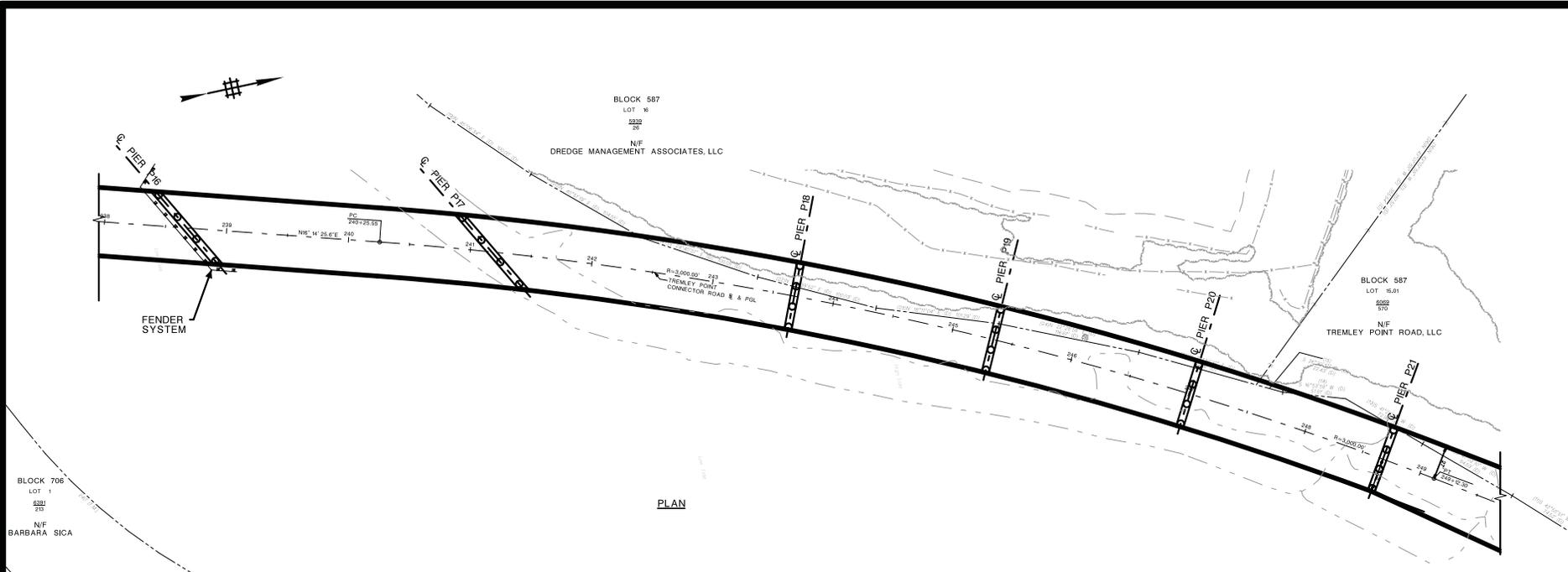
NEW JERSEY TURNPIKE AUTHORITY

PROPOSED TREMLEY POINT CONNECTOR  
ROAD AND BRIDGE OVER RAHWAY RIVER  
(MILE POINT 1.3)

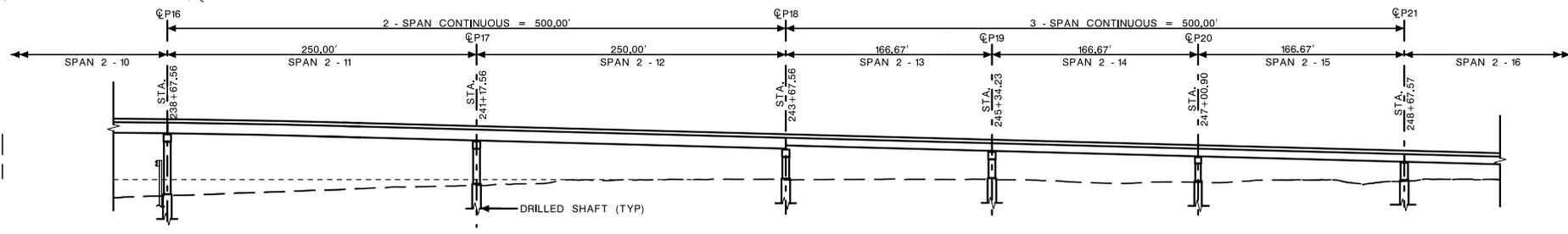
PLAN AND ELEVATION 4

BOROUGH OF CARTERET      CITY OF LINDEN  
MIDDLESEX COUNTY      UNION COUNTY  
STATE OF NEW JERSEY

APPLICATION BY: JACOBS  
NEW JERSEY TURNPIKE AUTHORITY  
DATE: MAY 2020



PLAN

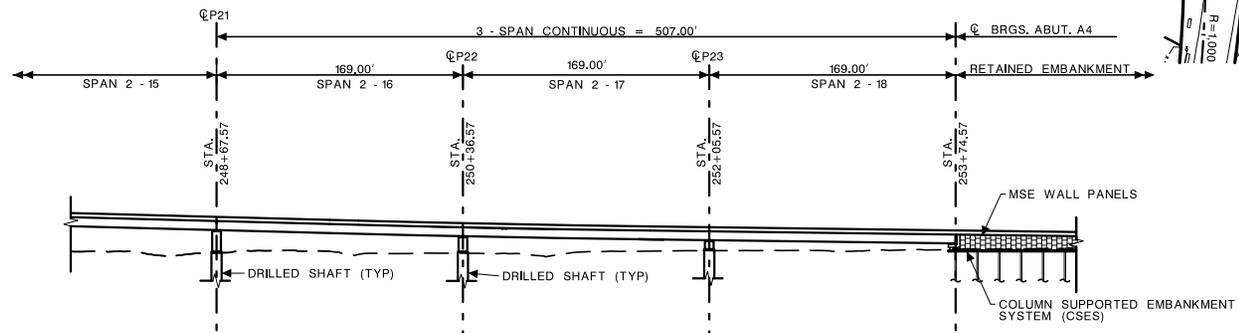
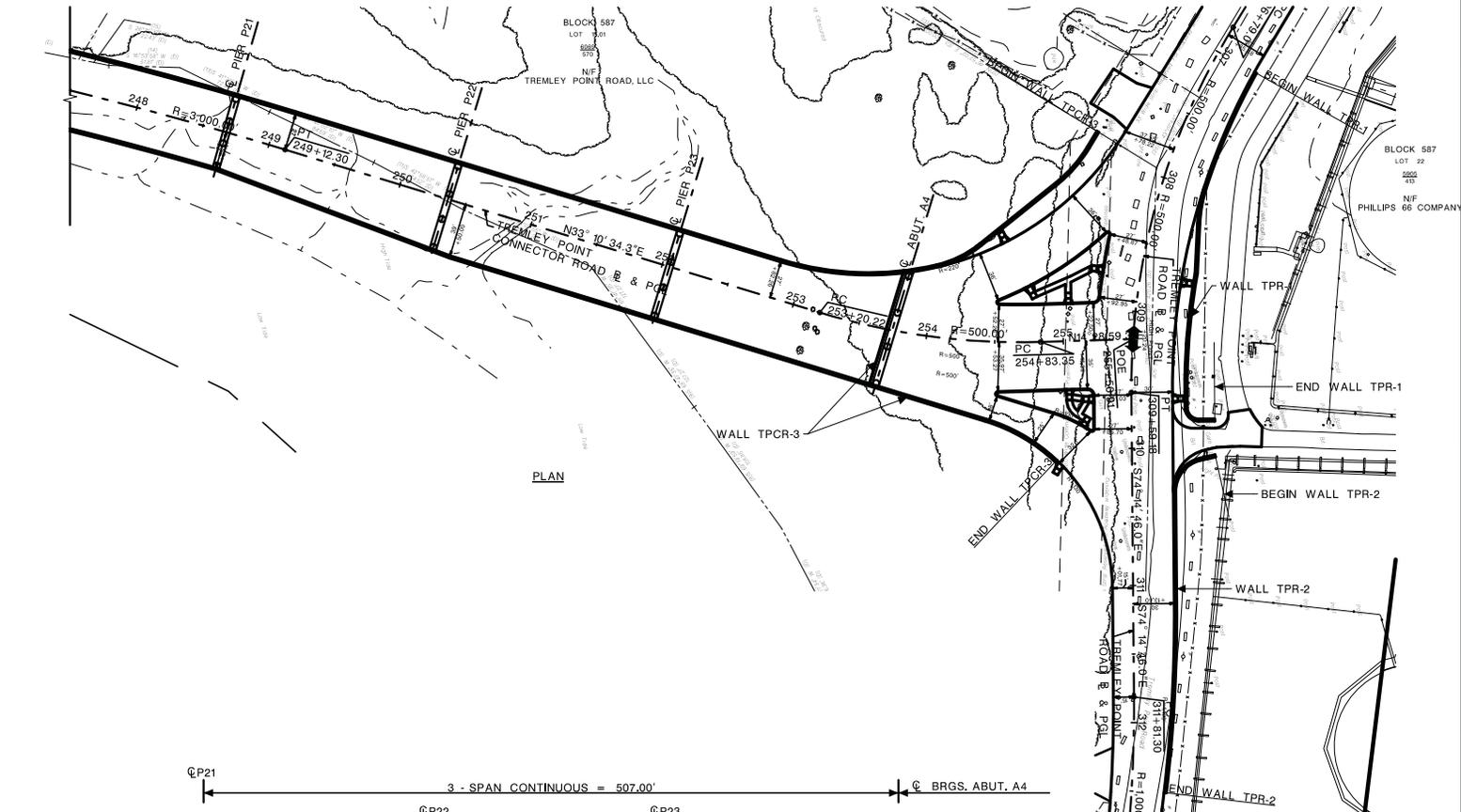


DEVELOPED ELEVATION



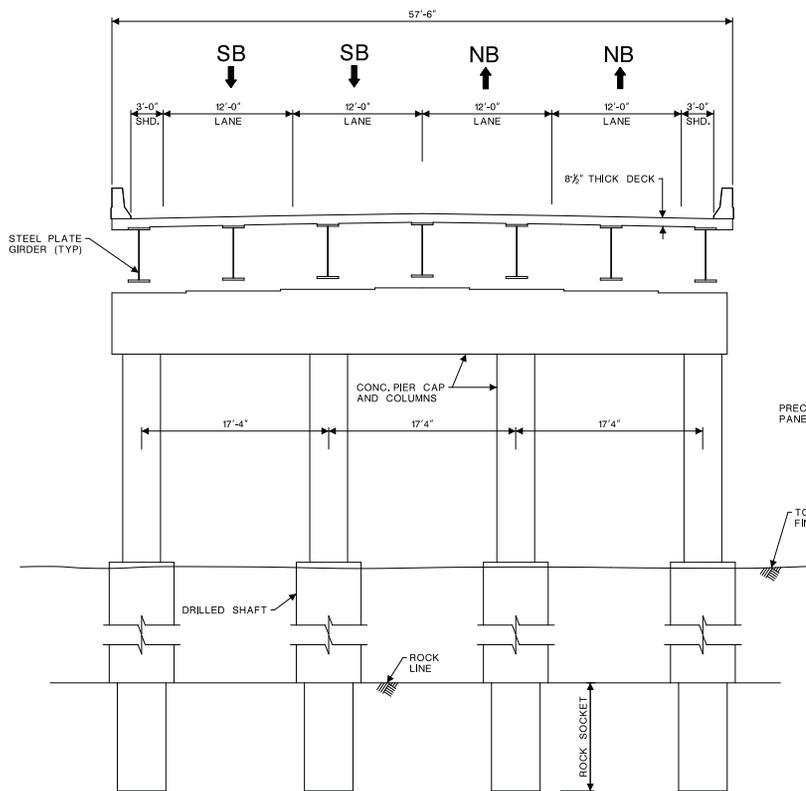
NEW JERSEY TURNPIKE AUTHORITY  
 PROPOSED TREMLEY POINT CONNECTOR  
 ROAD AND BRIDGE OVER RAHWAY RIVER  
 (MILE POINT 1.3)  
 GENERAL PLAN AND ELEVATION 5  
 BOROUGH OF CARTERET CITY OF LINDEN  
 MIDDLESEX COUNTY UNION COUNTY  
 STATE OF NEW JERSEY

APPLICATION BY: JACOBS  
 NEW JERSEY TURNPIKE AUTHORITY  
 DATE: MAY 2020

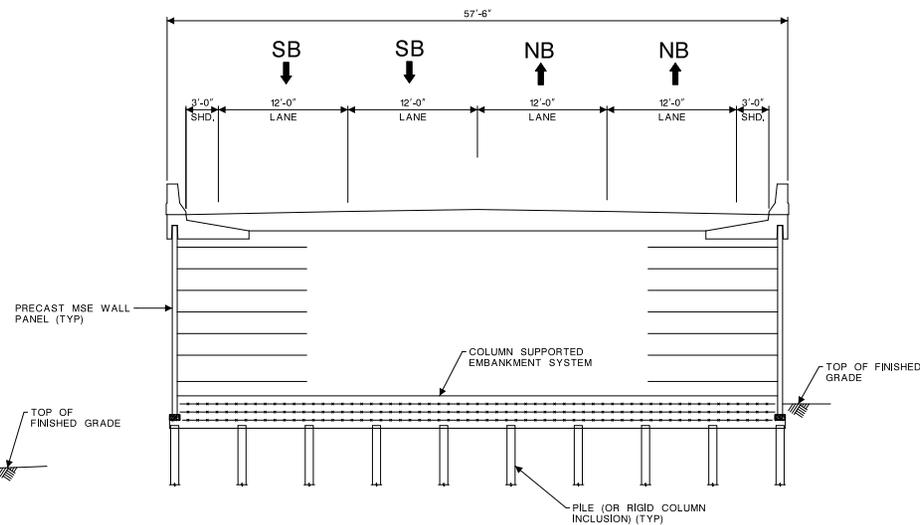


NEW JERSEY TURNPIKE AUTHORITY  
 PROPOSED TREMLEY POINT CONNECTOR  
 ROAD AND BRIDGE OVER RAHWAY RIVER  
 (MILE POINT 1.3)  
 GENERAL PLAN AND ELEVATION 6  
 BOROUGH OF CARTERET CITY OF LINDEN  
 MIDDLESEX COUNTY UNION COUNTY  
 STATE OF NEW JERSEY

APPLICATION BY: JACOBS  
 NEW JERSEY TURNPIKE AUTHORITY  
 DATE: MAY 2020



TYPICAL ELEVATED STRUCTURE SECTION



TYPICAL RETAINED EMBANKMENT SECTION

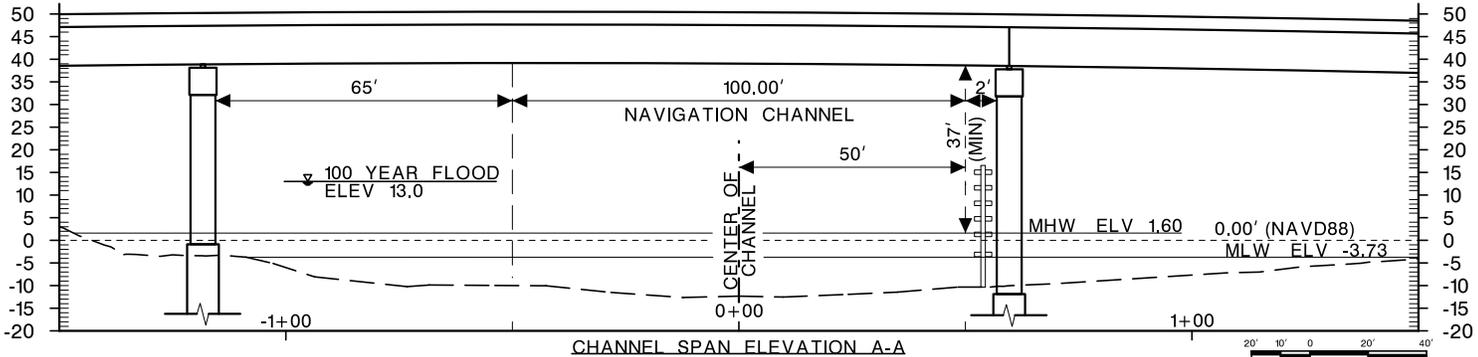
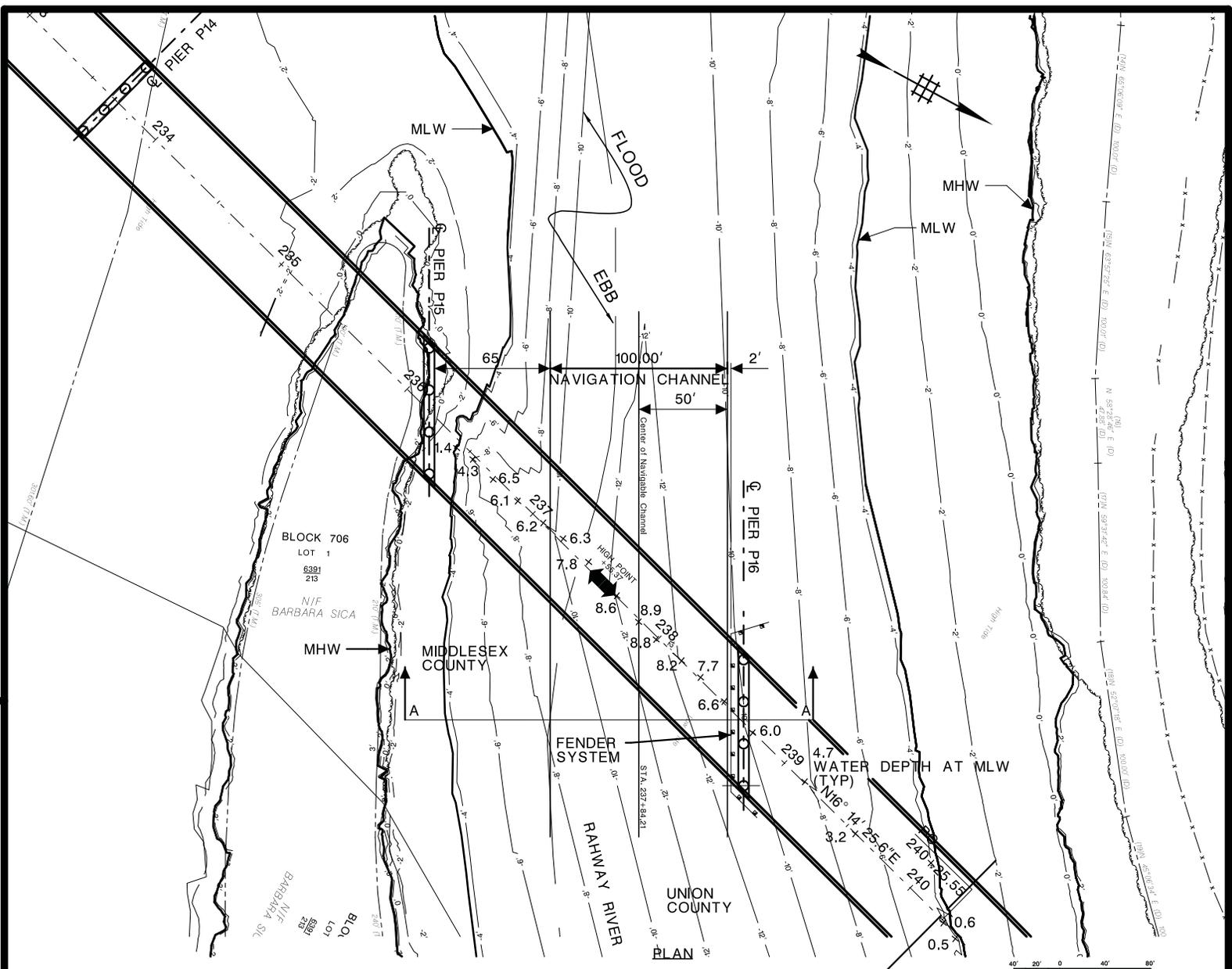


NEW JERSEY TURNPIKE AUTHORITY

PROPOSED TREMLEY POINT CONNECTOR  
ROAD AND BRIDGE OVER RAHWAY RIVER  
(MILE POINT 1.3)  
TYPICAL SECTION

BOROUGH OF CARTERET    CITY OF LINDEN  
MIDDLESEX COUNTY    UNION COUNTY  
STATE OF NEW JERSEY

APPLICATION BY: JACOBS  
NEW JERSEY TURNPIKE AUTHORITY  
DATE: MAY 2020



- NOTES:
1. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT
  2. WATER DEPTHS BASED ON 6/13/2017 SURVEY

DATUM: NAVD 88

NEW JERSEY TURNPIKE AUTHORITY

PROPOSED TREMLEY POINT CONNECTOR ROAD AND BRIDGE OVER RAHWAY RIVER (MILE POINT 1.3)

NAVIGATION CHANNEL

BOROUGH OF CARTERET CITY OF LINDEN  
MIDDLESEX COUNTY UNION COUNTY  
STATE OF NEW JERSEY

APPLICATION BY: JACOBS  
NEW JERSEY TURNPIKE AUTHORITY  
DATE: MAY 2020

SHEET: 9 OF 9