

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
United States Coast Guard  
Fifth Coast Guard District

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Portsmouth, VA 23704-5004  
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16591  
15 FEB 2023

## ***PUBLIC NOTICE D05PN-02-2023***

All interested parties are notified that an application dated December 28, 2022, has been received from the State of New Jersey by the Commander, Fifth Coast Guard District, for approval of the location and plans for a new highway fixed bridge that will replace the existing structure over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Big Timber Creek, mile 1.4, between the Borough of Westville, Gloucester County & Borough of Brooklawn, Camden County, NJ.

**CHARACTER OF WORK:** The proposed project is to provide a modernized and improved bridge along with drainage improvements that reduces the majority of road closures due to flooding. The existing 6-span bridge will be removed in its entirety and replaced with a 3-span continuous bridge with similar roadway and bridge profile.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

<b><u>Existing</u></b>	<b><u>Proposed</u></b>
Vertical Clearance:  14.00 feet above mean high water	Vertical Clearance:  14.02 feet above mean high water
Horizontal Clearance: (normal to axis of the channel)  60 feet between the bridge protective system	Horizontal Clearance: (normal to axis of the channel)  108 feet between the bridge protective system

North American Vertical Datum of 1988 (NAVD88) (Existing and Proposed bridges)

**ENVIRONMENTAL CONSIDERATIONS:**

The Federal Highway Administration (FHWA) is the lead Federal agency for compliance with the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the U. S. Coast Guard (USCG) for all applicable environmental control laws and Executive Orders. The FHWA approved a Categorical Exclusion (CATEX) on August 1, 2019. The USCG has tentatively determined that the environmental documentation approved by the FHWA is adequate for USCG bridge permitting purposes and intends to prepare a memorandum to file to document a USCG CATEX. Environmental documents are available for review at the address in the letterhead above, Monday through Friday (except Federal holidays), from 8 a.m. to 4:30 p.m.

The bridge is located in the floodplain. The 100-year flood level is +9.00 feet from datum and low steel of the bridge in the navigation span is +17.21 feet from datum.

A Water Quality Certificate (WQC) was issued by the New Jersey Department of Environmental Protection via Permit #0000-22-0004.2 LUP220002 dated August 7, 2022.

The bridge construction site lies inside of a designated Coastal Zone Management area. The applicant provided the New Jersey Department of Environmental Protection, Watershed & Land Management, with the project location information. The New Jersey Department of Environmental Protection issued a finding on October 7, 2022, that the project is consistent with the state's Coastal Zone Management Plan.

Comments received in response to this notice concerning environmental control laws and Executive Orders will be forwarded to FHWA as lead Federal Agency.

**SOLICITATION OF COMMENTS:**

Mariners are requested to provide navigational information, such as the sizes and types of vessels presently owned and operated on the waterway and nature of navigation (including the extent of nighttime navigation) on the waterway. Mariners are requested to comment on the navigational clearances and need for bridge protective systems, clearance gauges, and navigational lighting on the proposed bridge. Please submit the attached response form.

Interest parties are requested to express their views, in writing, on the proposed bridge project, 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 Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 through March 16, 2023.

HAL R. PITTS  
Bridge Program Manager  
By direction

Attachments: (1) Response Form  
(2) Location/Vicinity Maps and Plan Sheets

Route 47  
 Big Timber Creek, mile 1.4,  
 between Borough of Westville, Gloucester County, and Borough of Brooklawn, Camden  
 County, NJ

**Public Notice D05PN-02-2023**  
 Response Form

It is requested that anyone having an interest in this proposed project, from the standpoint of navigation, submit vessel information, comments, and recommendations on this form to the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 by March 16, 2023.

<b>Vessel Information</b>	Please provide all requested information:
Vessel Type	
Use – <i>Commercial and/or Recreational</i>	
Vessel Height	
Draft	
Length	
Beam	
Tonnage	
Mooring Location	

Name (Optional): \_\_\_\_\_

Address (Optional): \_\_\_\_\_

Phone (Optional): \_\_\_\_\_

Comments and Recommendations: \_\_\_\_\_

\_\_\_\_\_

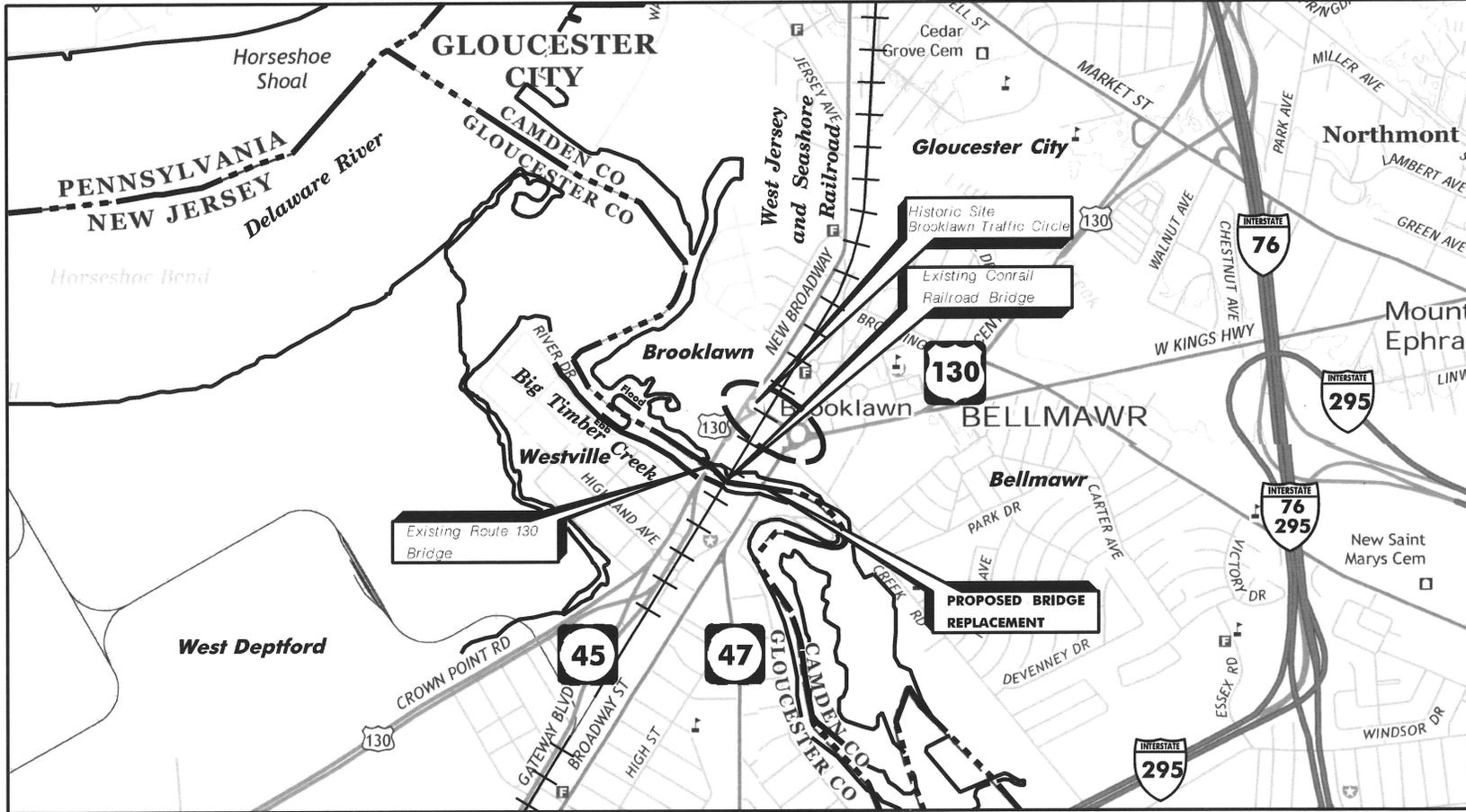
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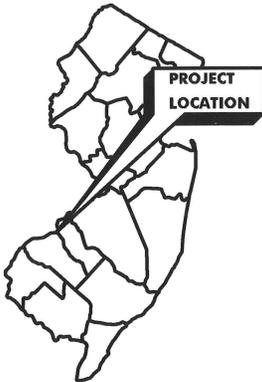
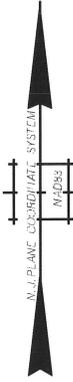
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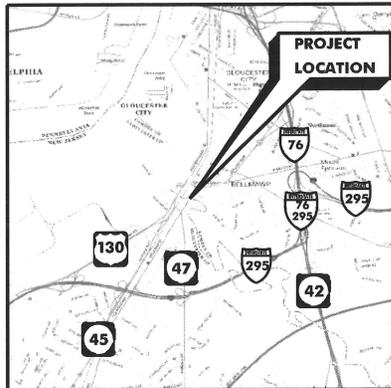
**LOCATION MAP**

SCALE: 1" = 2000'



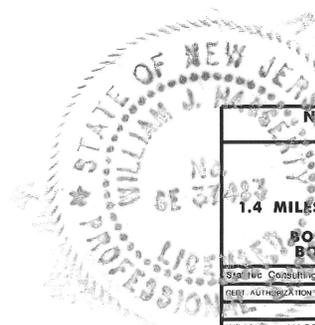
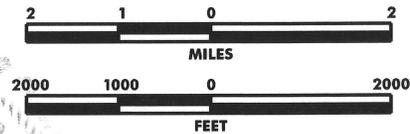
**STATE MAP**

SCALE: NOT TO SCALE



**VICINITY MAP**

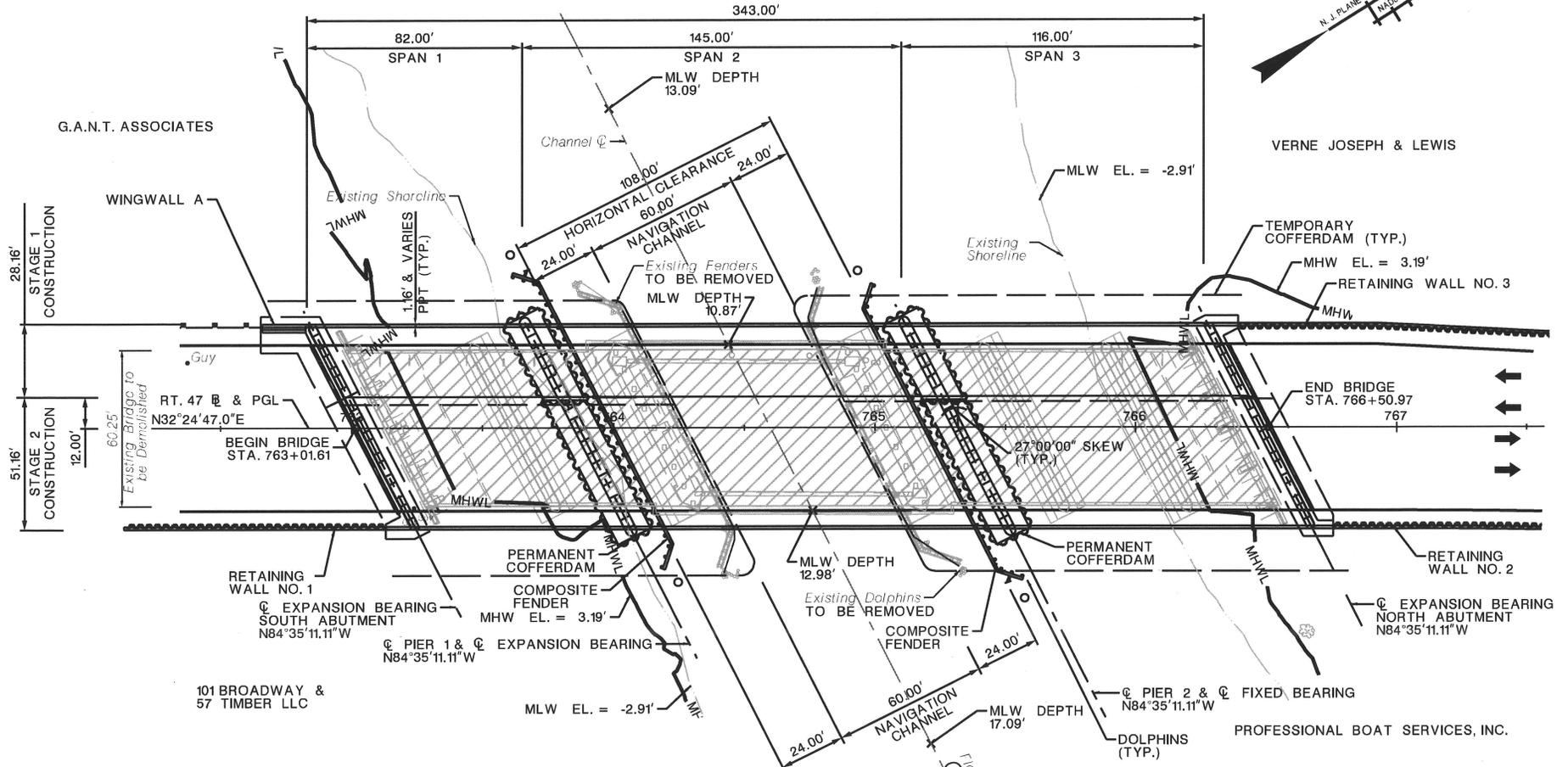
SCALE: 1" = 2 MILES



NEW JERSEY DEPARTMENT OF TRANSPORTATION BUREAU OF STRUCTURAL ENGINEERING	
<b>LOCATION MAP</b>	
ROUTE 47 BRIDGE OVER BIG TIMBER CREEK 1.4 MILES UPSTREAM OF CONFLUENCE WITH DELAWARE RIVER CONTRACT NO. 074113710 BOROUGH OF WESTVILLE, GLOUCESTER COUNTY, NJ BOROUGH OF BROOKLAWN, CAMDEN COUNTY, NJ	
Stantec Consulting Services Inc. CERT. AUTHORIZATION NO. 24023064000	DATE: 12/27/12
WILLIAM J. HAGGERTY William Haggerty NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24023064000	<b>SHEET 1 OF 4</b>

G.A.N.T. ASSOCIATES

VERNE JOSEPH & LEWIS



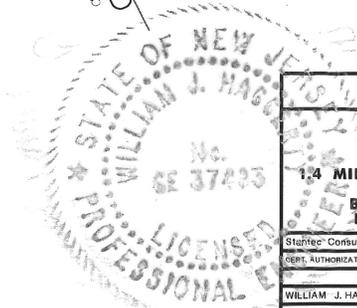
**PLAN**  
 SCALE: 1" = 60'

**LEGEND**

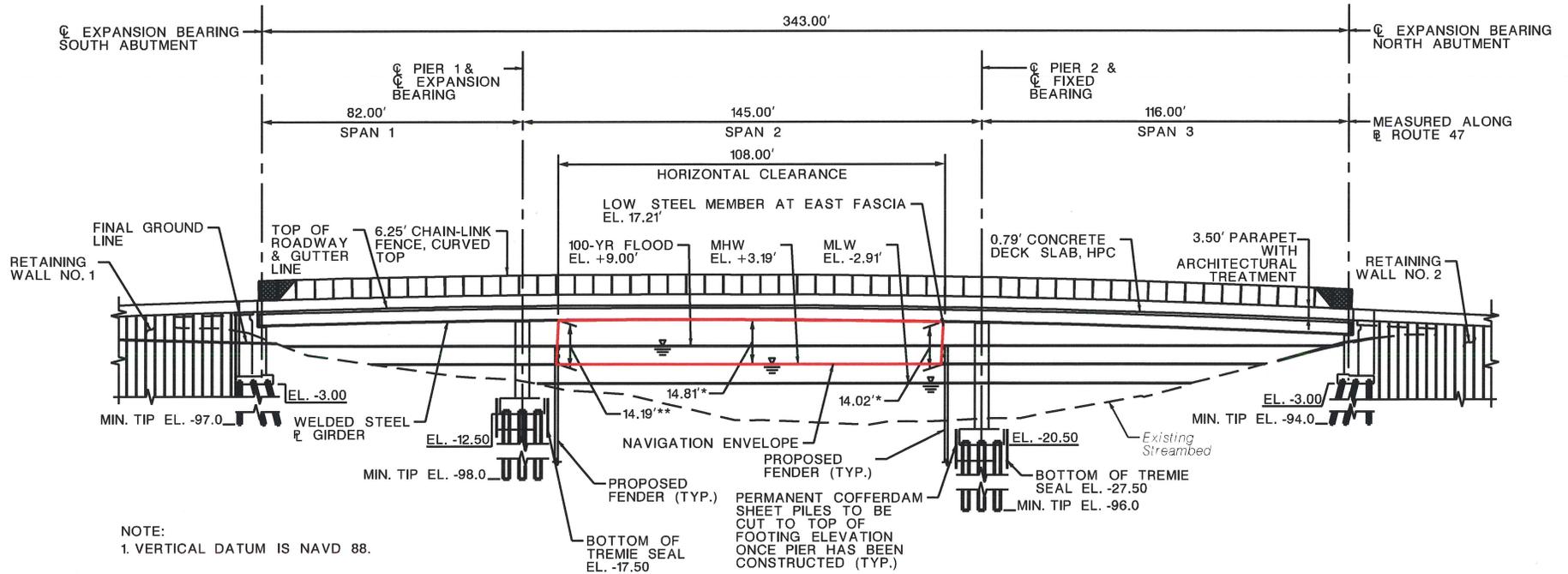
INDICATES EXISTING BRIDGE REMOVAL

**NOTE:**

1. VERTICAL DATUM IS NAVD 88.



NEW JERSEY DEPARTMENT OF TRANSPORTATION BUREAU OF STRUCTURAL ENGINEERING	
<b>GENERAL BRIDGE PLAN</b>	
ROUTE 47 BRIDGE OVER BIG TIMBER CREEK 1.4 MILES UPSTREAM OF CONFLUENCE WITH DELAWARE RIVER CONTRACT NO. 074113710 BOROUGH OF WESTVILLE, GLOUCESTER COUNTY, NJ BOROUGH OF BROOKLAWN, CAMDEN COUNTY, NJ	
Stantec Consulting Services Inc. CERT. AUTHORIZATION NO. 240A2906400	DATE: 12/27/22
WILLIAM J. HAGGERTY William Haggerty NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 240E03742500	<b>SHEET 2 OF 4</b>

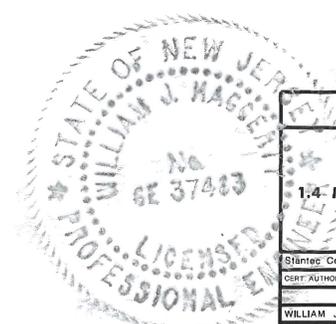
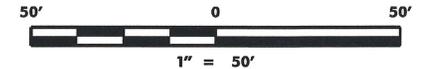


NOTE:  
 1. VERTICAL DATUM IS NAVD 88.

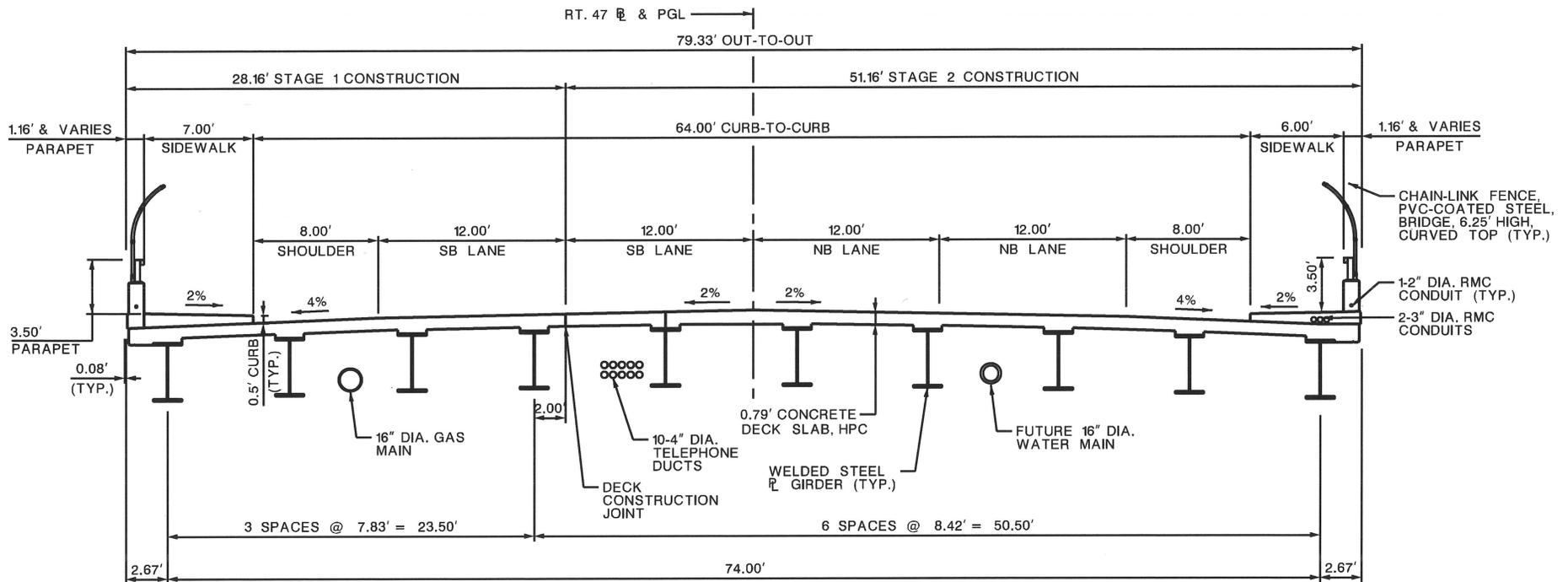
\* DENOTES MINIMUM VERTICAL CLEARANCE AT EAST FASCIA  
 \*\* DENOTES MINIMUM VERTICAL CLEARANCE AT WEST FASCIA

**ELEVATION**

SCALE: 1" = 50'

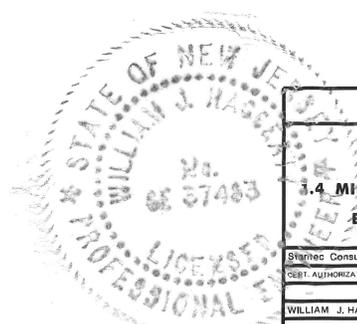
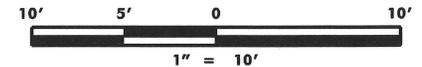


NEW JERSEY DEPARTMENT OF TRANSPORTATION BUREAU OF STRUCTURAL ENGINEERING	
<b>BRIDGE ELEVATION</b>	
ROUTE 47 BRIDGE OVER BIG TIMBER CREEK 1.4 MILES UPSTREAM OF CONFLUENCE WITH DELAWARE RIVER CONTRACT NO. 074113710 BOROUGH OF WESTVILLE, GLOUCESTER COUNTY, NJ BOROUGH OF BROOKLAWN, CAMDEN COUNTY, NJ	
Stantec Consulting Services Inc. CERT. AUTHORIZATION NO. 240A2806460	DATE: 10/27/22
WILLIAM J. HAGGERTY William Haggerty NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 240E03748300	DATE: 12/27/22
SHEET 3 OF 4	



**TYPICAL SECTION**

SCALE: 1"=10'



NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 BUREAU OF STRUCTURAL ENGINEERING

**TYPICAL SECTION**

ROUTE 47 BRIDGE OVER BIG TIMBER CREEK  
 1.4 MILES UPSTREAM OF CONFLUENCE WITH DELAWARE RIVER  
 CONTRACT NO. 074113710  
 BOROUGH OF WESTVILLE, GLOUCESTER COUNTY, NJ  
 BOROUGH OF BROOKLAWN, CAMDEN COUNTY, NJ

Stantec Consulting Services Inc. CERT. AUTHORIZATION NO. 240A306400	DATE: 12/27/22
WILLIAM J. HAGGERTY William Haggerty NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 37483	SHEET 4 OF 4