



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

February 14, 2020

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## PUBLIC NOTICE (1-175)

**Subject:** PROPOSED REPLACEMENT OF THE RUMSON-SEA BRIGHT (S-32)  
BRIDGE BETWEEN RUMSON AND SEA BRIGHT, MONMOUTH  
COUNTY, NEW JERSEY

All interested parties are notified that the Commander, First Coast Guard District, has received an application from Monmouth County, New Jersey for approval of the location and plans for replacement of a movable highway bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Shrewsbury River, 4.0 miles above the mouth of the waterway.

**CHARACTER OF WORK:** The character of the work is to replace the structurally deficient Rumson-Sea Bright (S-32) Bridge with a wider bridge on an adjacent alignment approximately 85 feet to the south of the existing bridge. The proposed bridge will be a movable bascule bridge at the same profile as the existing bridge. The new bridge section will be approximately 67.5 feet wide and include two eastbound lanes, one-11 foot and one-12 foot-wide, and one-11 foot-wide westbound with associated 9 foot-wide shoulders and 6 foot-wide sidewalks on both sides. The length of the bridge project is 665 feet which is 4 feet longer and 15.1 feet wider than the existing bridge. The proposed bridge structure is anticipated to be supported on drilled shafts. All parts of the existing superstructure will be removed entirely. Complete removal of the substructure and foundation elements is not feasible because removal may contribute to instability of surrounding soils supporting the adjacent structure. The existing substructure and piles will be cut below the mud line at an elevation determined to be safe to navigation by the USCG.

**MINIMUM NAVIGATIONAL CLEARANCES:**

	Existing (movable)	Proposed (movable)
Horizontal (normal to axis of the channel)	75 feet	75 feet
Vertical (above MHW)	unlimited (open)	unlimited (open)
	15 feet (closed)	15 feet (closed)

**ENVIRONMENTAL CONSIDERATION:**

The Federal Highway Administration (FHWA) is the lead federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the USCG for all environmental laws. FHWA concurred that this project satisfies the categorical exclusion definition under regulations implementing the National Environment Policy Act (NEPA) and will not result in significant environmental impacts dated September 11, 2017.

The project is not considered an encroachment on the 100-year floodplain. The FEMA 100 year Elevation is +8.0 feet (NAVD88) which is 6.49 feet above Mean High Water (MHW). The low steel of the proposed movable bridge is 15 feet above MHW.

A Water Quality Certification from the New Jersey Department of Environmental Protection in accordance with Section 401 of the Clean Water Act, as amended, certifying that reasonable assurance has been furnished that the project will be conducted in compliance with water quality standards of the State of New Jersey has been applied for. The applicant has made a determination that the project is consistent with the State of New Jersey's coastal management program. The State of New Jersey has yet to concur on this determination.

The decision as to whether to grant approval of the location and plans for the proposed action rests primarily upon the effect it has on navigation.

**SOLICITATION OF COMMENTS:**

Mariners are requested to comment on the placement of the bridge protective system and other navigational safety issues, including the need for clearance gauges and extent of nighttime navigation passing the bridge. Boat owners in the project vicinity are requested to provide information about their vessels including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point and to appurtenant structures (e.g. tuna towers, flying bridges, fixed antennas and radar units).

Interested 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 work. 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 16, 2020.

We will forward comments of an environmental nature such as those regarding wildlife refuges, water fowls, public parks, historic sites, wetlands, floodplain issues, air, water quality, etc. to the Federal Highway Administration for appropriate handling.

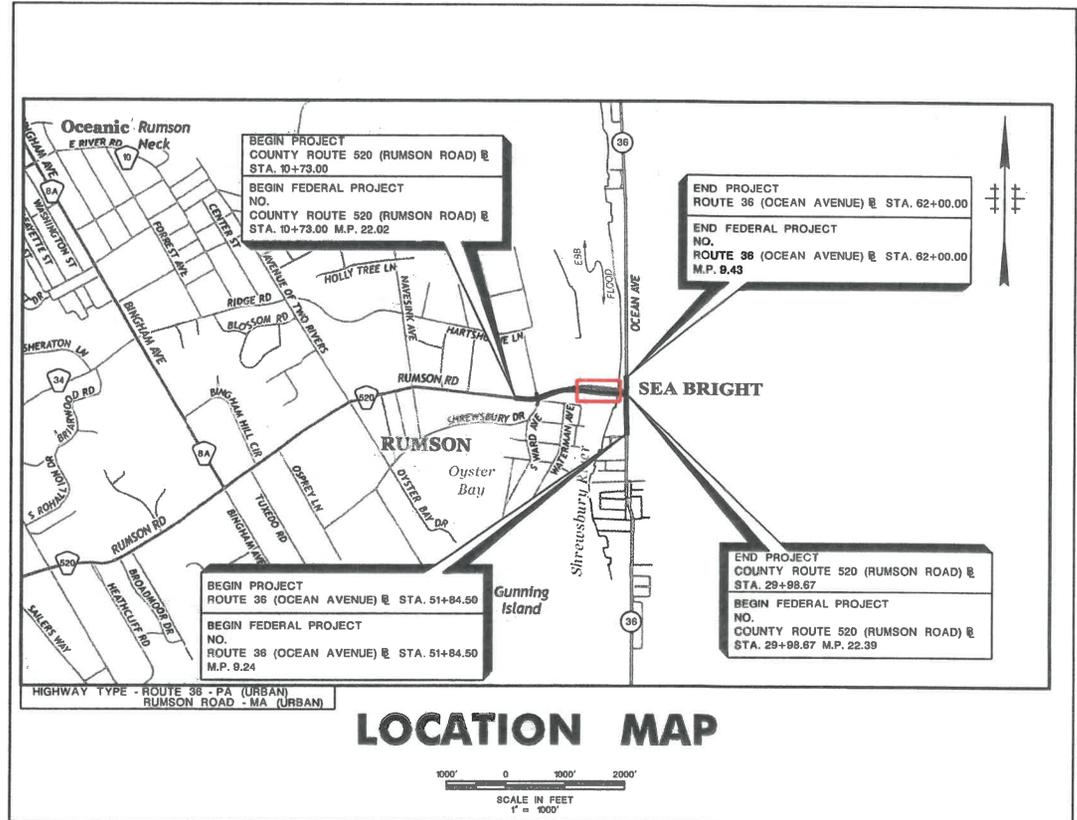
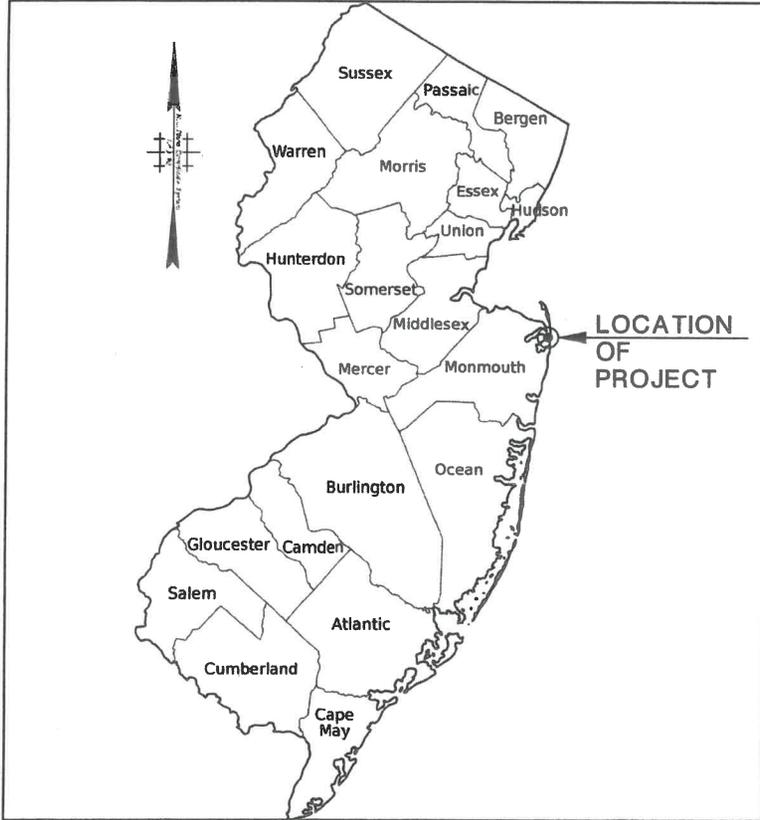
It is requested that this information be brought to the attention of any person having an interest in this who may not have received a copy of this public notice.

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

FOR THE DISTRICT COMMANDER:

C. J. Bisignano  
Supervisory Bridge Management Specialist  
U. S. Coast Guard  
By direction

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.



MHW EL. = 1.51'  
MLW EL. = -2.00  
100 YEAR FLOOD EL. = 8.0'  
500 YEAR FLOOD EL. = 12.6'  
DATUM: NAVD 1988

THERE ARE NO WILDLIFE OR WATERFOWL REFUGES IN THE VICINITY OF THE PROPOSED PROJECT.

NOTE: CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

HARDESTY & HANOVER, LLC  
5 MADISON PLAZA, HOBOKEN, NJ 07030  
GLEN S. SCHEDELICH  
NEW JERSEY PROFESSIONAL ENGINEER, LICENSE NO. 2410342000  
DATE: 7/25/19

MONMOUTH COUNTY DIVISION OF ENGINEERING

REPLACEMENT OF BRIDGE S-32 ON COUNTY ROUTE 520 (RUMSON ROAD) OVER THE SHREWSBURY RIVER M.P. 4.0

BOROUGHES OF RUMSON AND SEA BRIGHT  
MONMOUTH COUNTY  
STATE OF NEW JERSEY

CONSULTANT: HARDESTY & HANOVER, LLC

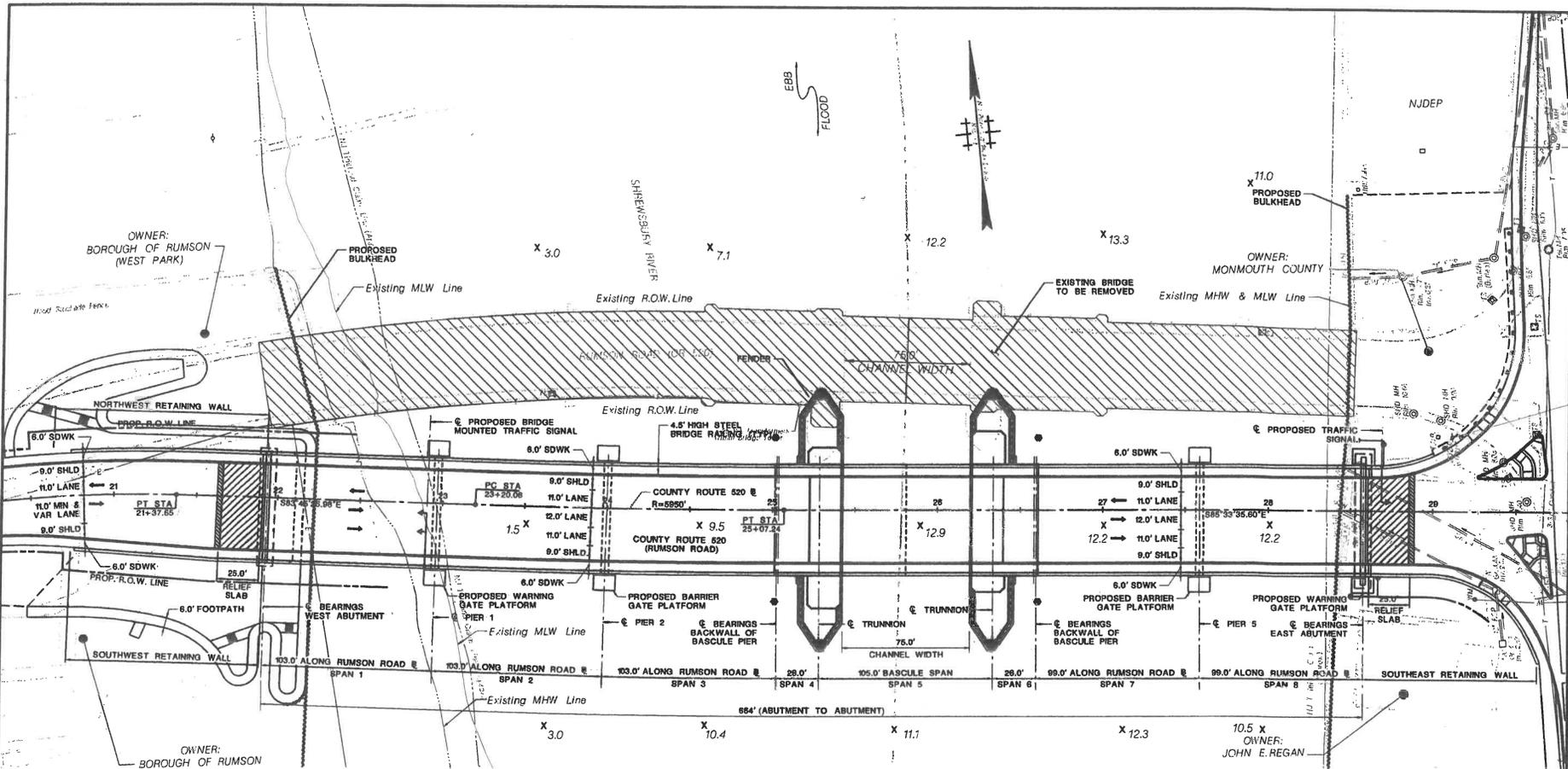
APPLICATION BY:

MONMOUTH COUNTY DIVISION OF ENGINEERING

SHEET 1 OF 5

DATE 7/25/19

REMOVE NOTES	GES	BM	2/20
REVISION	BY	C'K'D	DATE



**PLAN - RUMSON ROAD OVER SHREWSBURY RIVER**

SCALE: 1" = 100.0'

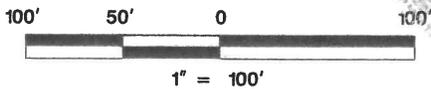
**NOTES:**

- 1. NEW BRIDGE DESIGN MEETS MONMOUTH COUNTY, NJDOT AND AASHTO (LRFD) STANDARDS.

NOTE: CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

X = WATER DEPTH AT MLW

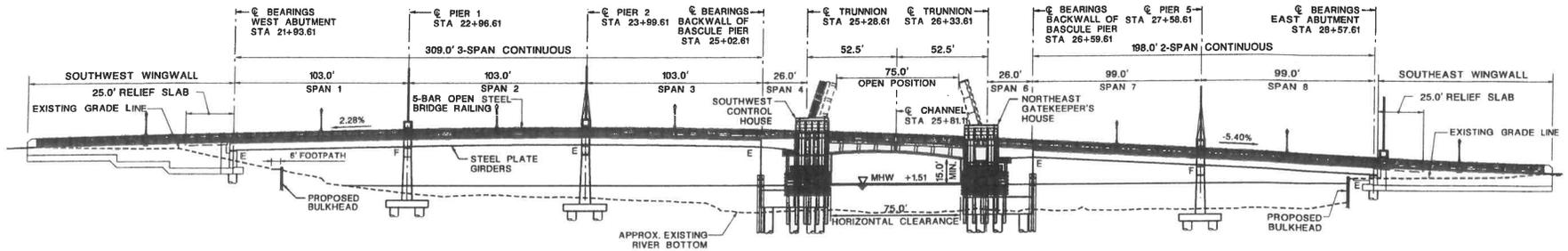
MHW EL. = 1.51'  
 MLW EL. = -2.00  
 100 YEAR FLOOD EL. = 8.0'  
 500 YEAR FLOOD EL. = 12.6'  
 DATUM: NAVD 1988



HARDESTY AND HANOVER, LLC  
 5 MADISON NEW JERSEY  
 GLEN E. SCHETELICH  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24026443000  
 DATE 7/25/19

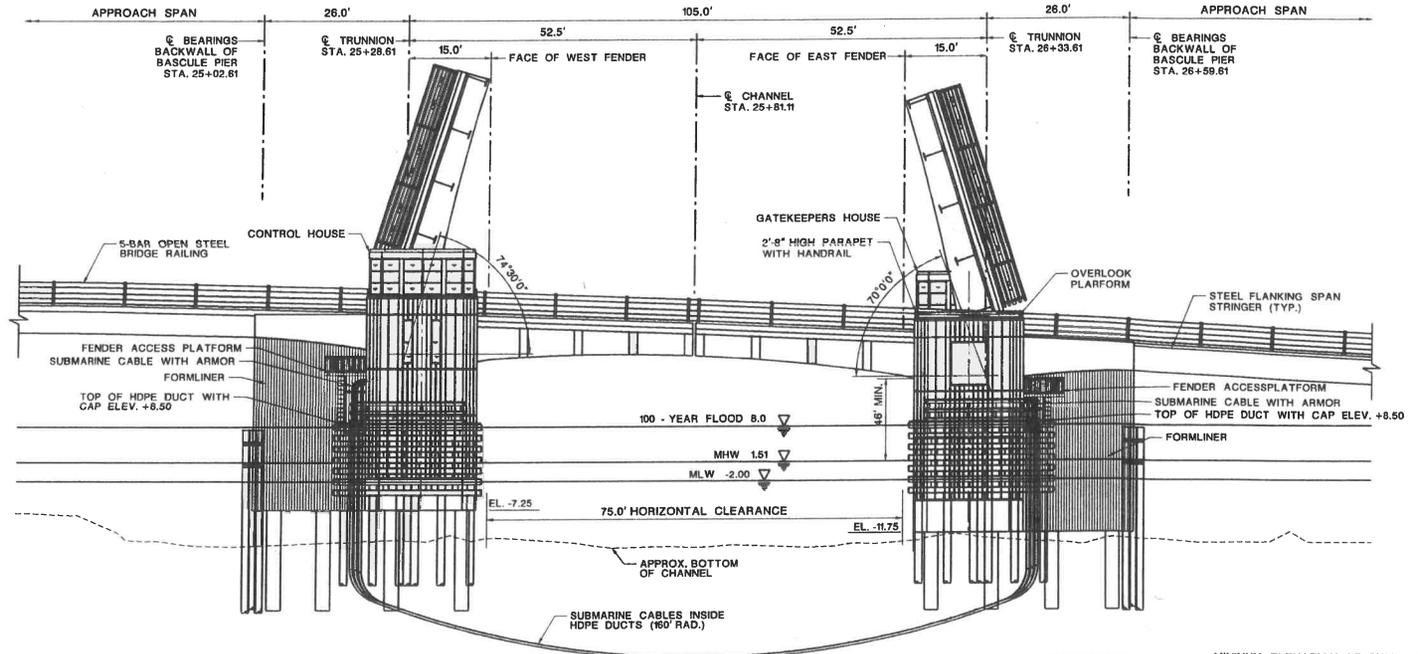
MONMOUTH COUNTY DIVISION OF ENGINEERING  
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 BOROUGH OF RUMSON AND SEA BRIGHT  
 MONMOUTH COUNTY  
 STATE OF NEW JERSEY  
 CONSULTANT: HARDESTY & HANOVER, LLC  
 APPLICATION BY:  
 MONMOUTH COUNTY DIVISION OF ENGINEERING  
 SHEET 2 OF 5 DATE 7/25/19

DELETE	NOTE	GES	BM	2/20
REVISION	BY	C/K'O	DATE	



**PROPOSED SOUTH ELEVATION - RUMSON ROAD OVER SHREWSBURY RIVER**

SCALE: 1" = 100.0'



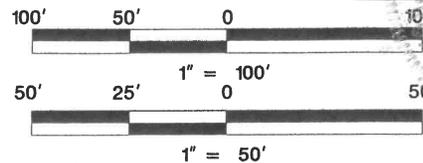
**BASCULE ELEVATION - RUMSON ROAD OVER SHREWSBURY RIVER**

SCALE: 1" = 50.0'

**NOTES:**

1. NEW BRIDGE DESIGN MEETS MONMOUTH COUNTY, NJDOT AND AASHTO (LRFD) STANDARDS.
2. 661 FEET OF EXISTING BRIDGE IS OVER SHREWSBURY RIVER (661 FEET ABUTMENT TO ABUTMENT).
3. 664 FEET OF NEW BRIDGE IS OVER SHREWSBURY RIVER (664 FEET ABUTMENT TO ABUTMENT).

MHW EL. = 1.51'  
 MLW EL. = -2.00'  
 100 YEAR FLOOD EL. = 8.0'  
 500 YEAR FLOOD EL. = 12.6'  
 DATUM: NAVD 1988



NOTE: CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

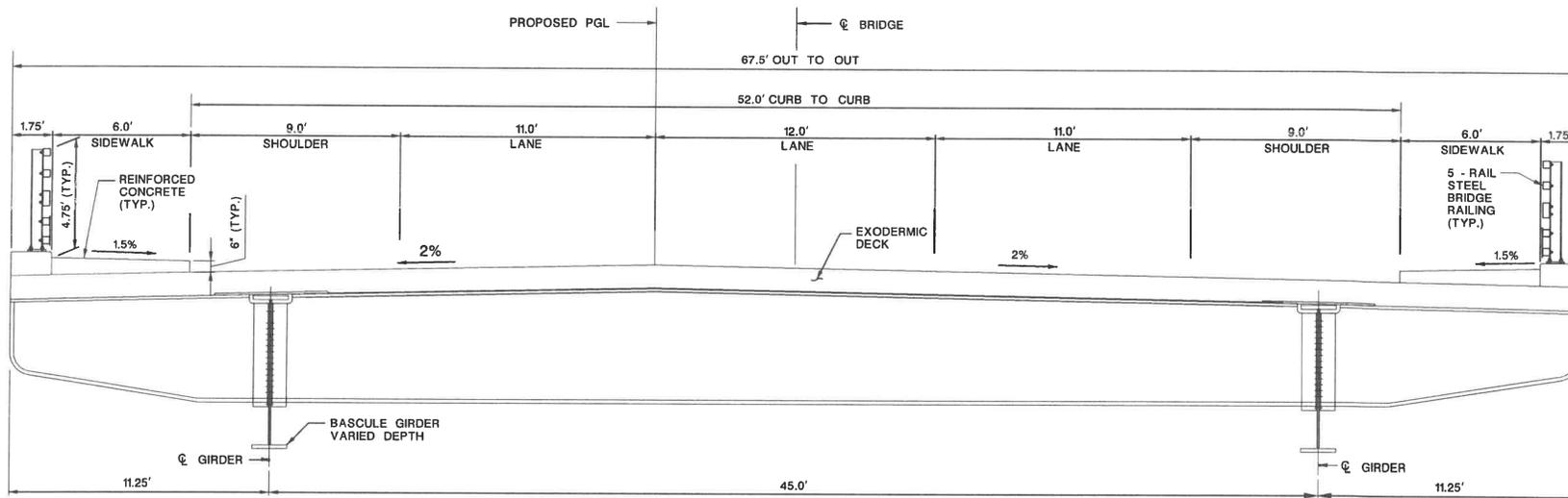
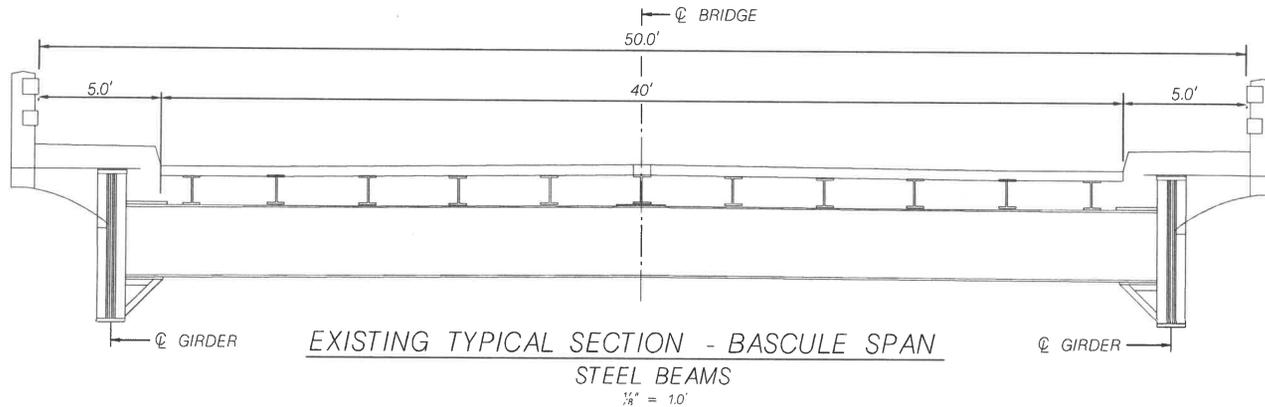
HARDESTY AND HANOVER, LLC  
 5 MARINE VIEW PLAZA, HOBOKEN, NJ 07030  
 GLEN E. SCHELICH  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 240E3412800  
 DATE: 7/25/19

MONMOUTH COUNTY DIVISION OF ENGINEERING  
 REPLACEMENT OF BRIDGE S-32 ON COUNTY ROUTE 520  
 (RUMSON ROAD) OVER THE SHREWSBURY RIVER  
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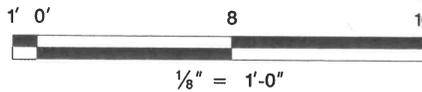
BOROUGH OF RUMSON AND SEA BRIGHT  
 MONMOUTH COUNTY  
 STATE OF NEW JERSEY

CONSULTANT: HARDESTY & HANOVER, LLC  
 APPLICATION BY:  
 MONMOUTH COUNTY DIVISION OF ENGINEERING  
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	C'K'D				



MHW EL. = 1.51'  
MLW EL. = -2.00  
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CONSULTANT: HARDESTY & HANOVER, LLC

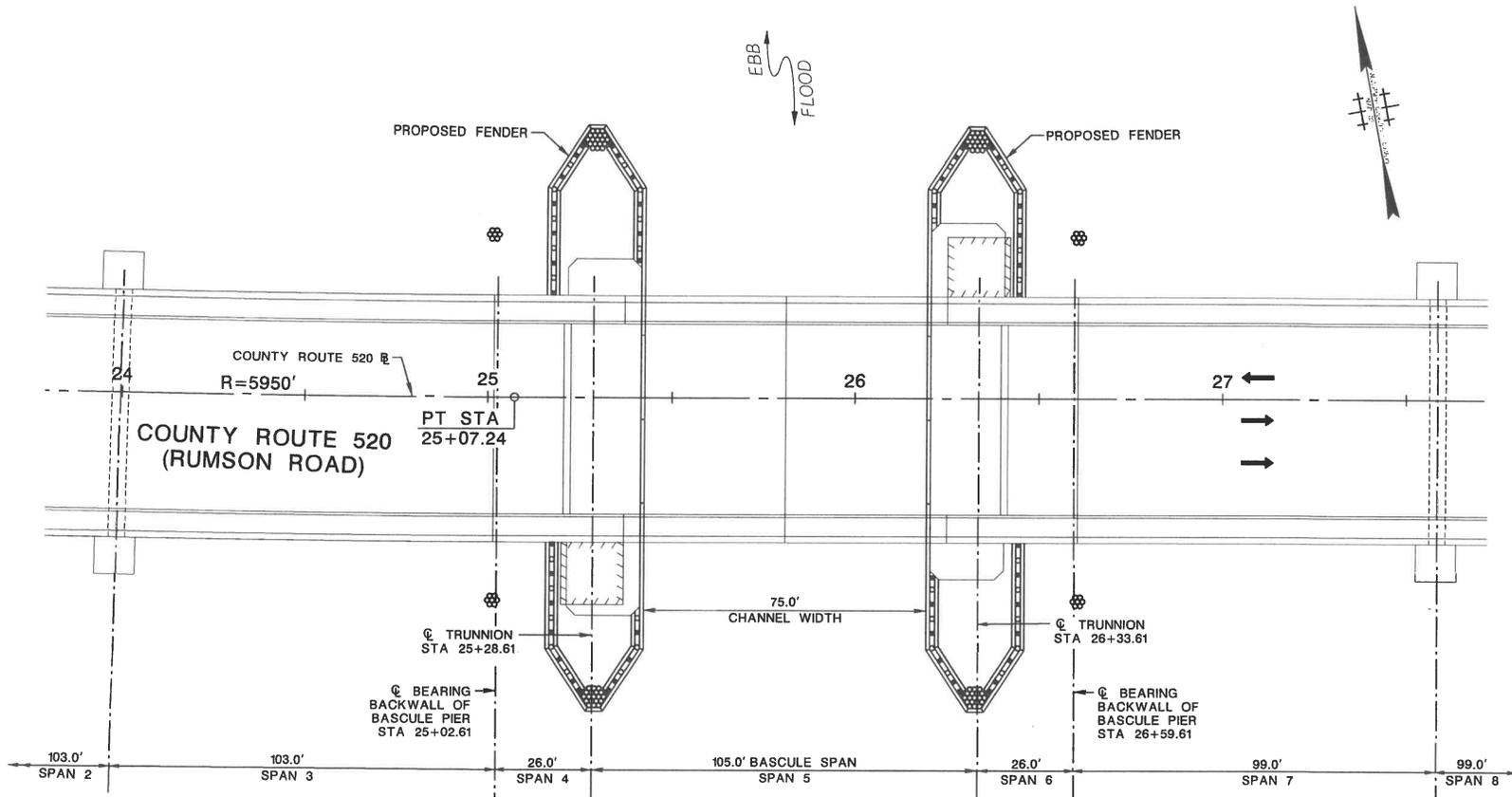
APPLICATION BY:

MONMOUTH COUNTY DIVISION OF ENGINEERING

SHEET 4 OF 5

DATE 7/25/19

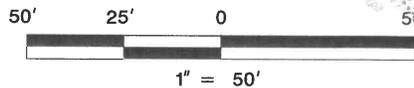
REVISION	BY	C/K/D	DATE



**FENDER SYSTEM LAYOUT PLAN**  
SCALE: 1" = 50.0'

NOTE: CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

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MLW EL. = -2.00'  
100 YEAR FLOOD EL. = 8.0'  
500 YEAR FLOOD EL. = 12.6'  
DATUM: NAVD 1988



HARDESTY AND HANOVER, L.L.C.  
5 MACHINE SHOP PLACE, HOBOKEN, NJ 07030  
GLEN E. SCHELICH  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24083443800  
DATE 7/27/19

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M.P. 4.0

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