

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
United States Coast Guard
Eighth District

1222 Spruce Street
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St. Louis, MO 63103
Staff Symbol: dwb
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Email:
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February 9, 2023

PUBLIC NOTICE DWB 910-23

All interested parties are herein notified that the Commander, Eighth Coast Guard District, has received application materials dated August 2, 2022 from the Tennessee Department of Transportation for approval of location and plans for the replacement of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Cumberland River, mile 280.6, on State Route 141, near Hartsville, Trousdale County, Tennessee.

CHARACTER OF WORK: Construct a fixed two lane bridge.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed replacement bridge will have clearances as described in the table below. These clearances are equal to or are an increase from current clearances over this section of the waterway at or near this mile.

	Existing	Proposed
Vertical	N/A	90.53 feet above summer pool elevation 445.1 feet m.s.l.
Horizontal	N/A	320.0 feet measured normal to axis of the channel*

Datum: NGVD29

ENVIRONMENTAL CONSIDERATIONS:

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 U.S. Coast Guard for all environmental control laws. An Environmental Assessment and a Finding of No Significant Impact (FONSI) was issued on July 21, 2022, pursuant to NEPA, as amended. The U.S. Guard has tentatively determined that the proposed action will not have a significant impact for the purposes of NEPA and plans to issue a FONSI for the project. Documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 4:00 p.m.

Water Quality Certification has been requested from the State of Tennessee Department of Environment and Conservation, Division of Water Quality and Pollution Control, pursuant to

Section 401 of the Clean Water Act. Approximately 1.988 acres of wetlands will be permanently impacted and will be mitigated at the Tennessee Wildlife Federation ILF program. The bridge is located in the floodplain. The 100-year flood elevation is 468.3 feet, while elevation of the low member of the navigation span is 535.63. Elevations are referenced to NGVD29 datum. Approximately 14,219 cubic yards of fill material will be placed below mean high water level for the construction of the bridge and approaches.

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 proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting. Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impacts to navigation.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to the FHWA. Comments will be received for the record at the address noted in the header or via email (eric.washburn@uscg.mil) through **March 16, 2023**.

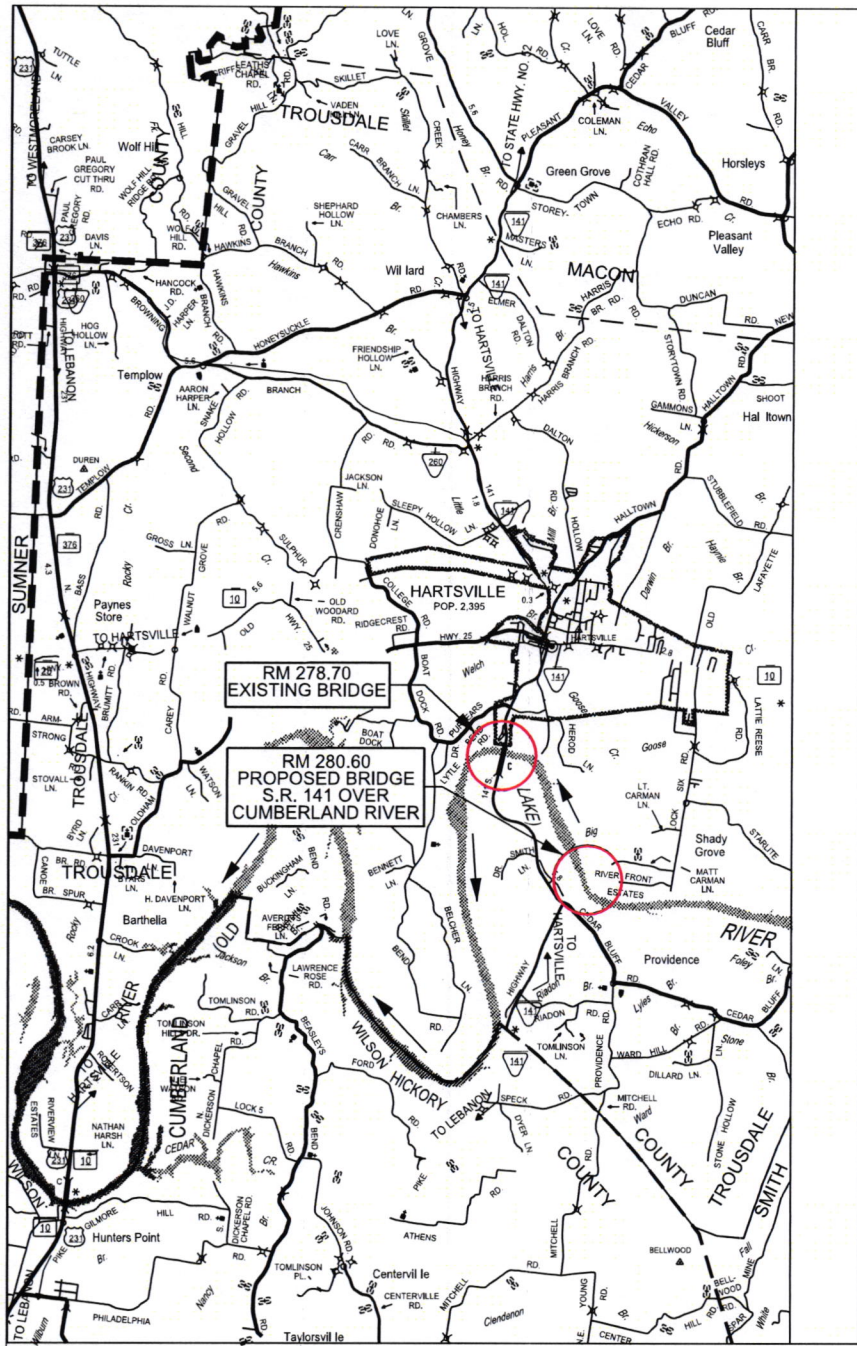
Map of location and plans attached.



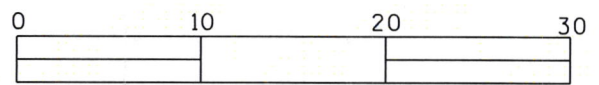
ERIC WASHBURN
Bridge Administrator
By direction of the Commander,
Eighth Coast Guard District

NOTE: The mailing list for this Public Notice is arranged by watershed. Due to the size of this list, selective mailing is not practical. Please discard notices that are not of interest to you. If you have no need for any of these notices, please advise us so that your name can be removed from the mailing list.

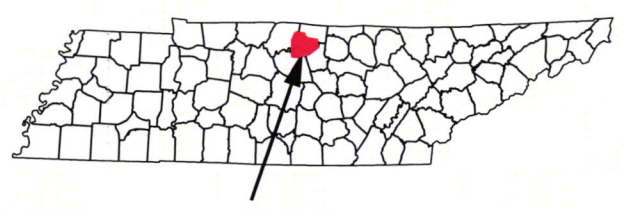
POSTMASTER: Official business. Please post.



VICINITY MAP



SCALE: 1" = 10 MILES

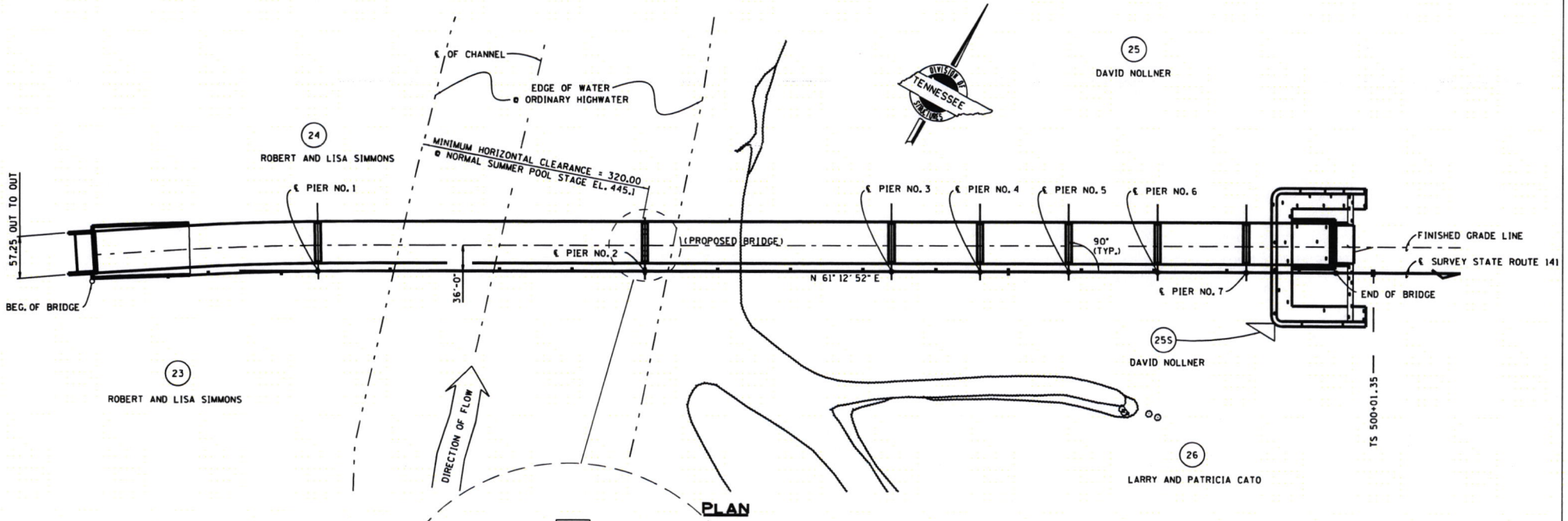
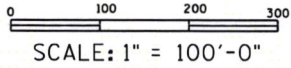
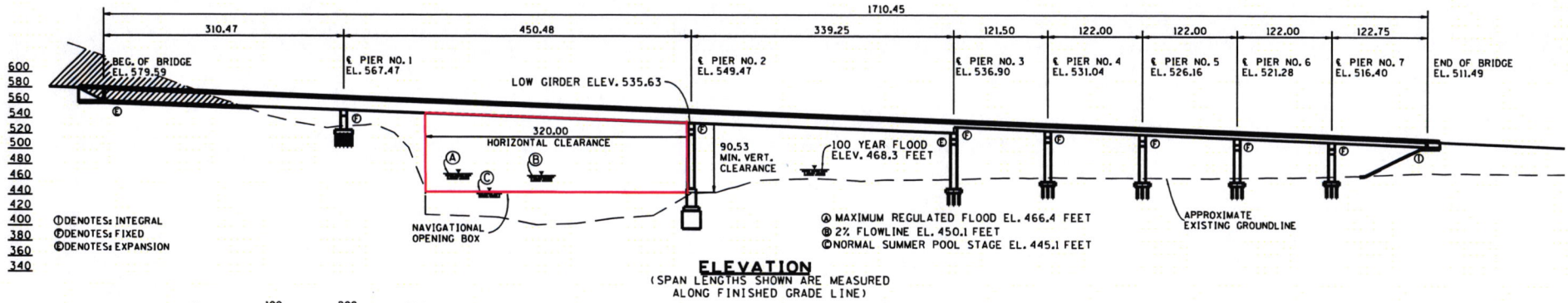


LOCATION MAP

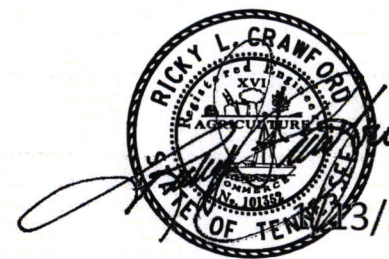


Digitally signed by Wesley Peck
 Date: 2023.02.06 10:25:06 -06'00'

APPLICATION BY:
 STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION
 PROPOSED
 STATE ROUTE 141
 OVER
 CUMBERLAND RIVER
 RIVER MILE: 280.60
 NEAR HARTSVILLE,
 TROUSDALE COUNTY,
 TENNESSEE
 JANUARY 13, 2023



**NOT FOR CONSTRUCTION.
CONCEPTUAL PLANS
UTILIZED TO OBTAIN COAST
GUARD BRIDGE PERMIT.**



DATUM USED: NGVD29

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1710.45

ϕ PIER NO. 1

LEFT LOW STEEL ELEV. 549.13

CENTER LOW @ STEEL ELEV. 542.41

RIGHT LOW STEEL ELEV. 535.63

ϕ PIER NO. 2

(F)



NAVIGATIONAL OPENING BOX

MAXIMUM REGULATED FLOOD EL. 466.4

320.00

HORIZONTAL CLEARANCE

100 YEAR FLOOD EL. 468.3

SUMMER POOL EL. 445.1

(F)

90.53 MIN. VERTICAL CLEARANCE

RIVER BOTTOM

ELEVATION



SCALE: 1 1/4" = 80'-0"

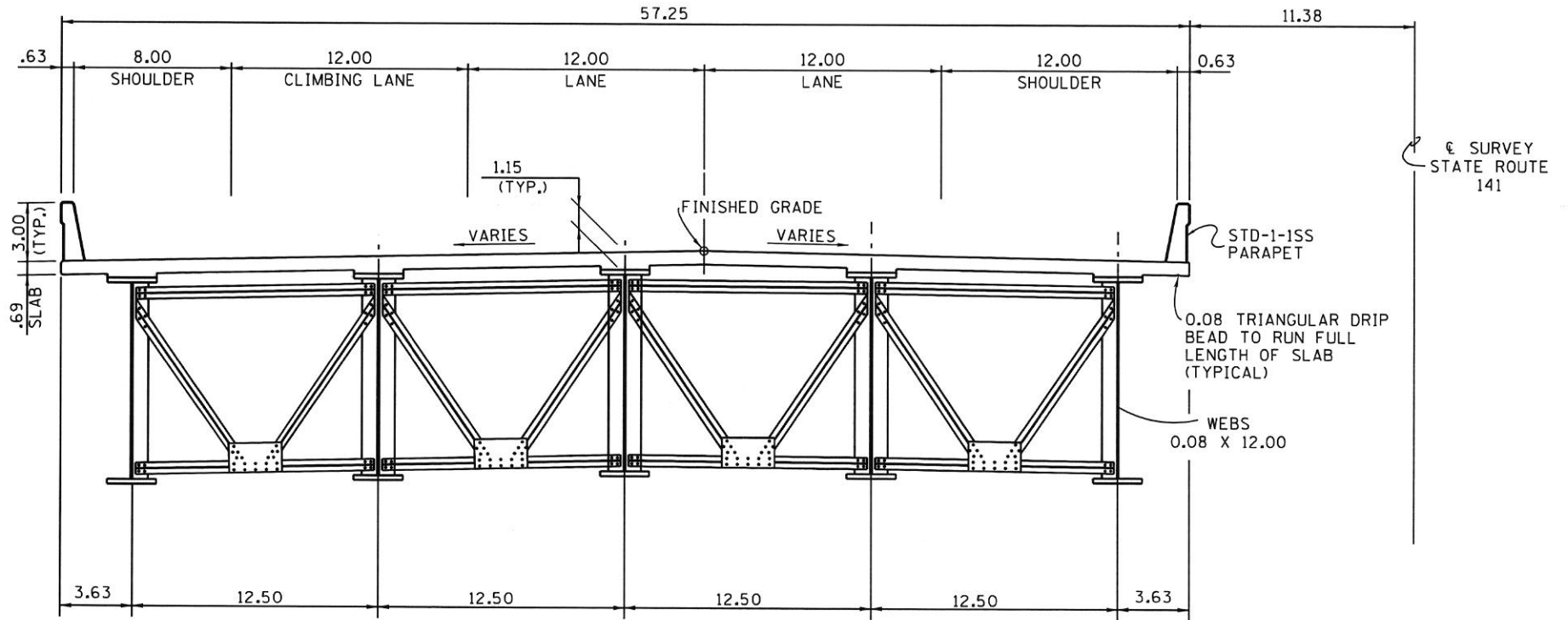
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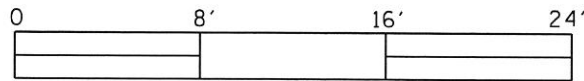
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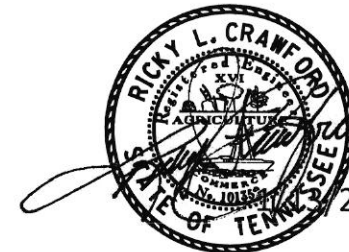


TYPICAL CROSS-SECTION
(LOOKING FORWARD ON SURVEY)



SCALE: 1" = 8'-0"

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