



November 30, 2021

PUBLIC NOTICE D8 DWB-902

Subject: PROPOSED REHABILITATION OF WESTBOUND US-412 BRIDGE, INOLA,
ROGERS COUNTY, OKLAHOMA

All interested parties are notified that the Commander, Eighth Coast Guard District, has received application from the Oklahoma Department of Transportation for approval of the location and plans for the modification and rehabilitation of a fixed highway bridge over a navigable waterway of the United States. The proposal calls for replacement of the existing superstructure and rehabilitation of the existing substructure.

WATERWAY AND LOCATION: Arkansas Waterway, Mile 431.4, located near the city of Inola, Rogers County, Oklahoma.

CHARACTER OF WORK: This project calls for the replacement of the existing superstructure and includes rehabilitating and widening of the existing five span steel plate girder bridge.

MINIMUM NAVIGATIONAL CLEARANCES:

	Existing	Proposed
Horizontal	315 feet normal to axis of channel	315 feet normal to axis of channel
Vertical	63.5 feet above normal pool elevation of 532.37 feet, NAVD 88	67.4 feet above normal pool elevation of 532.37 feet, NAVD 88

ENVIRONMENTAL CONSIDERATIONS:

The Federal Highway Administration (FHWA) is the lead federal agency for satisfying the requirements of the National Environment Policy Act (NEPA). Under the NEPA Assignment program, FHWA assumes responsibility for all environmental laws, rules and orders, interagency consultation, and any other environmental related actions for transportation projects. FHWA is acting on behalf for the USCG for all environmental control laws. FHWA is reviewing the Categorical Exclusion prepared by the applicant and making a determination on its contents. The U.S. Coast Guard has tentatively determined that the proposed action will be a categorical exclusion for purposes of the NEPA. Documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 4:00 p.m.

The bridge is located in the floodplain. The 100-year flood level is 558.1 feet, mean sea level, while the elevation of the low steel of the bridge is 600.7, mean sea level. Water quality certification for this project was granted on September 22, 2021.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was issued by the U.S. Army Corps of Engineers, Tulsa District on September 22, 2021. No wetlands will be taken or affected by this project.

SOLICITATION OF COMMENTS:

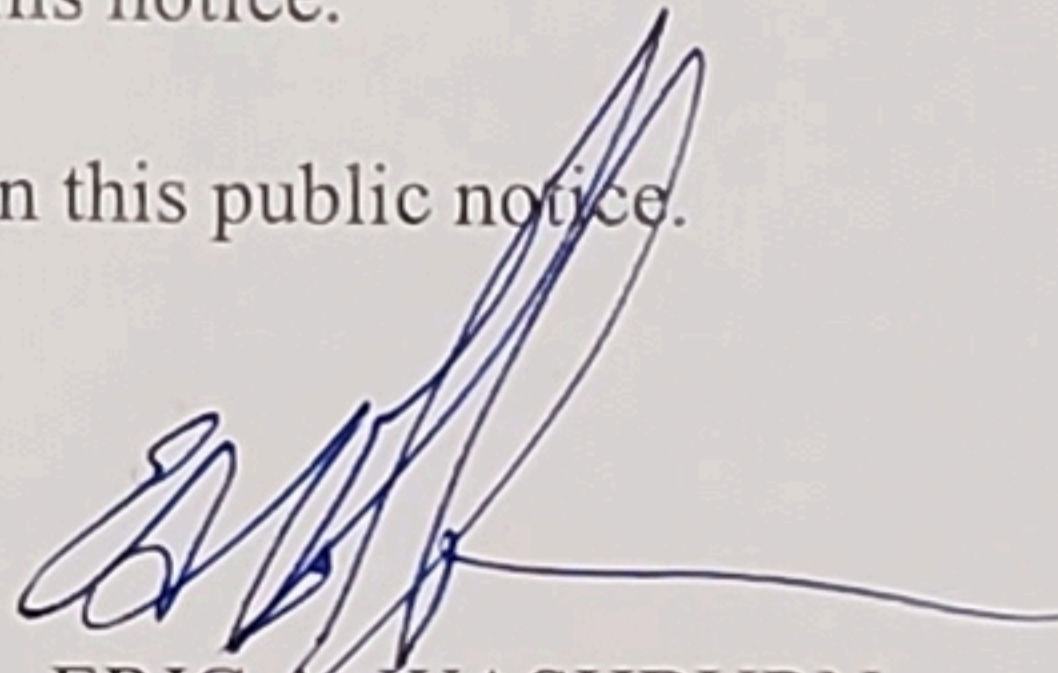
Mariners are requested to comment on the placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation passing through the bridge to determine the need for bridge lighting. Boat owners in the project vicinity are requested 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 the reasons for support of, or opposition to, the proposed work. Comments will be received for the record at the Office of the Commander (dwb), Eighth Coast Guard District Bridge Branch, Room 2.102D, 1222 Spruce Street, St. Louis, Missouri 63103-2832 through January 3, 2022.

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

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

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

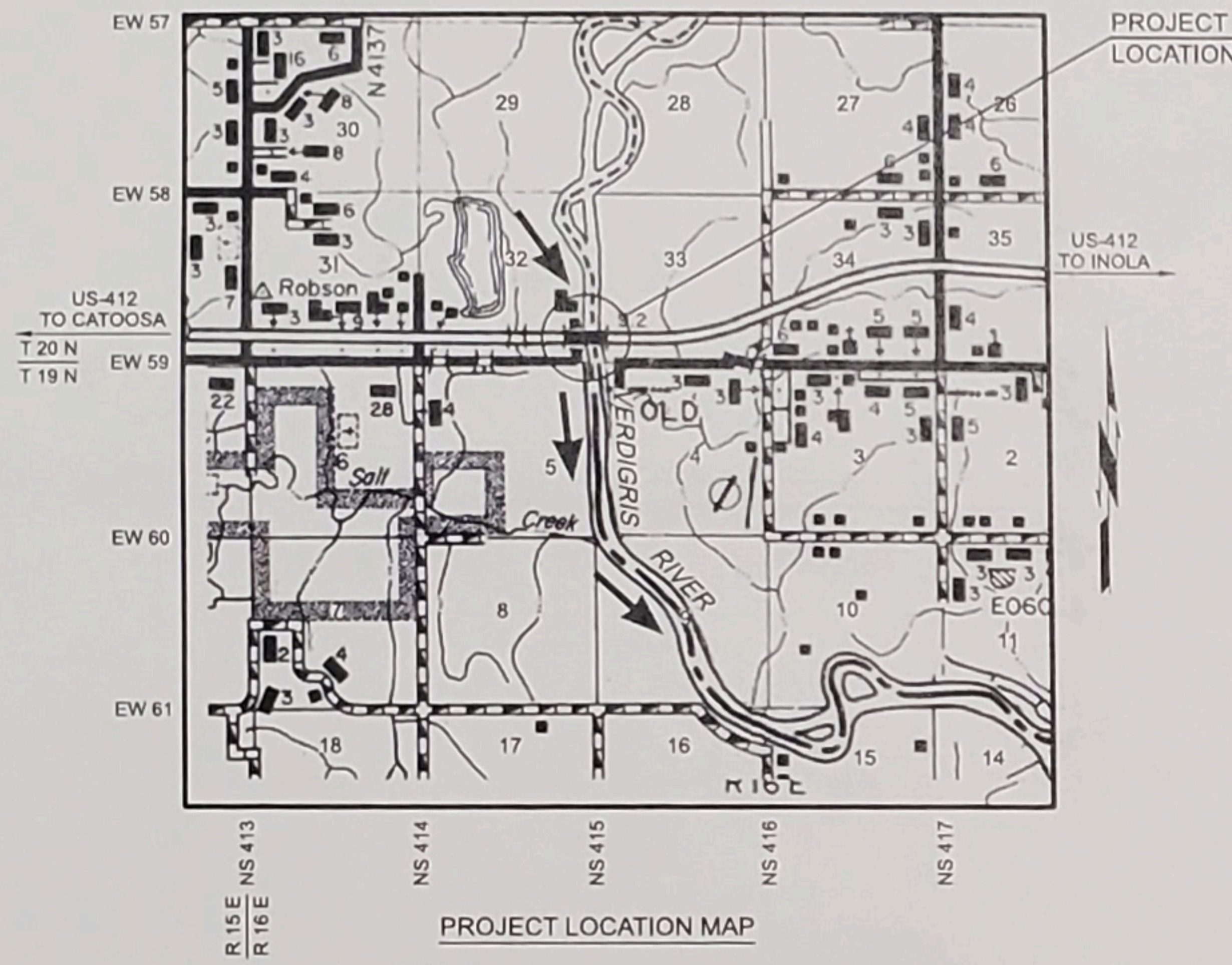


ERIC A. WASHBURN
Bridge Administrator, Western Rivers
By direction of the District Commander

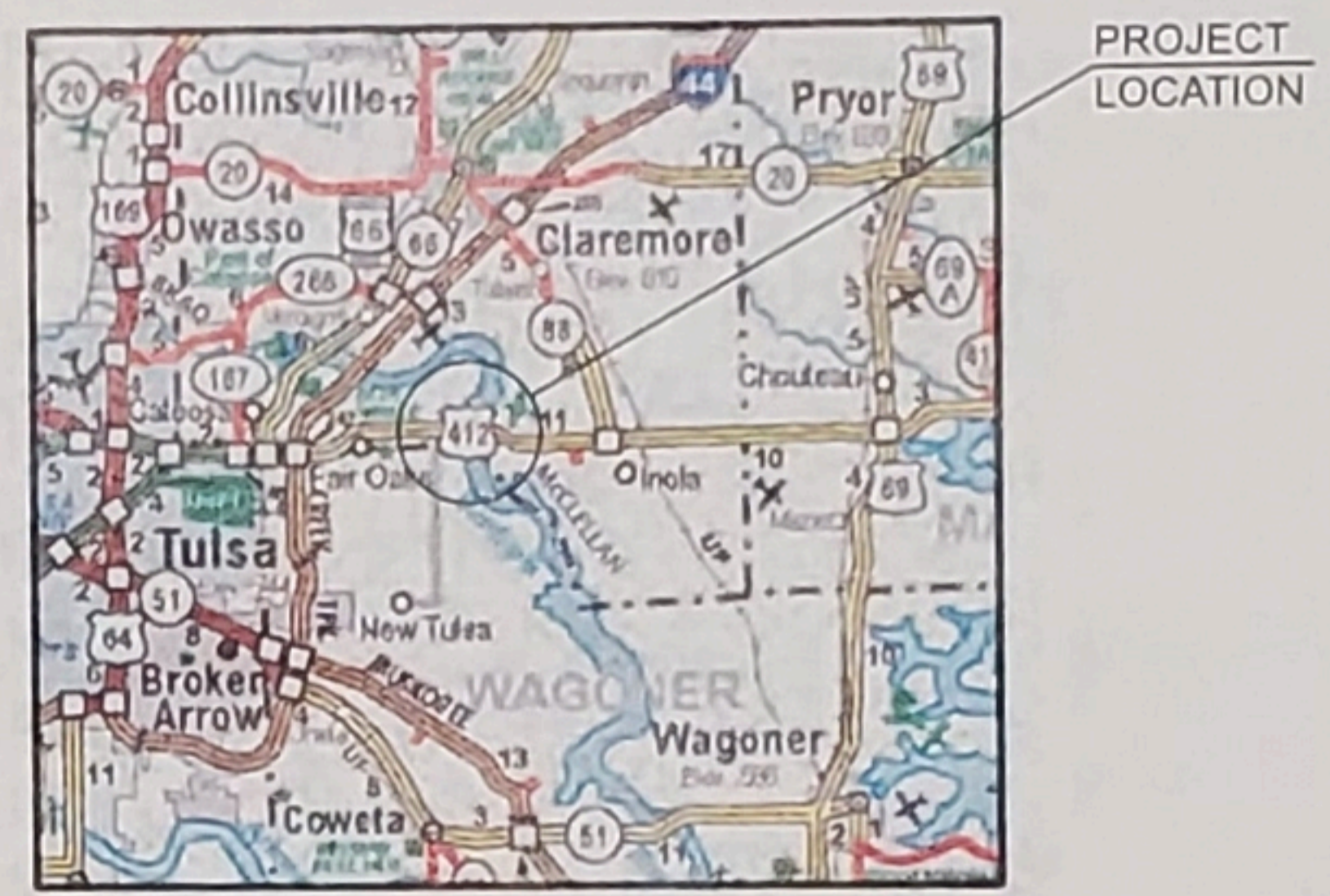
NOTE: The mailing list for this Public Notice is arranged by watershed. Due to the size of this list, selective mailing is not practical. Please discard notices that are not of interest to you. If you have no need for any of these notices, please advise us so that your name can be removed from the mailing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

POSTMASTER: Official business. Please post.

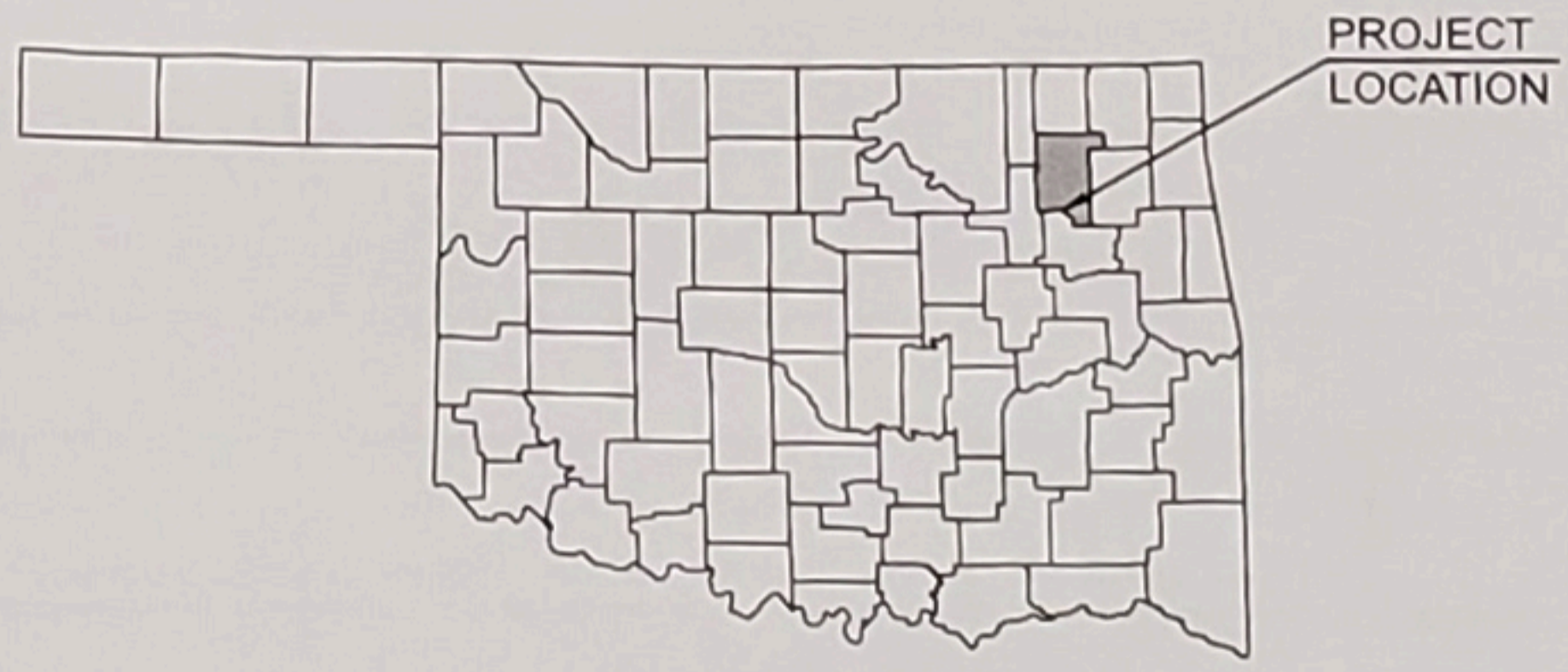
PRINT DATE: 11/16/2021 T:\1813\Task Order 3\Drawings\Coast Guard Permit\1813-03-uscp01.dgn



PROJECT LOCATION MAP



VICINITY MAP



STATE MAP



THE BRIDGE SHOWN HAS BEEN DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, EXCEPT MODIFIED BY CURRENT ODOT BRIDGE DIVISION POLICIES.

NOTE:
 LEVEL DATUM IS NAVD88. ELEVATIONS SHOWN FOR NORMAL POOL AND THE 2% FLOWLINE ARE ESTABLISHED BY CONVERTING NGVD TO NAVD88. A CONVERSION FACTOR OF 0.371 HAS BEEN APPLIED TO ELEVATIONS TAKEN FROM USACE MCCLELLON-KERR ARKANSAS RIVER SYSTEM NAVIGATION CHARTS.

THERE ARE NO WILDLIFE OR WATERFOWL REFUGES, RECREATION AREAS, PUBLIC PARKS OR HISTORIC SITES IN THE VICINITY OF THE PROPOSED BRIDGE.

PROPOSED BRIDGE TO BE LOCATED AT RIVER MILE 412.2.

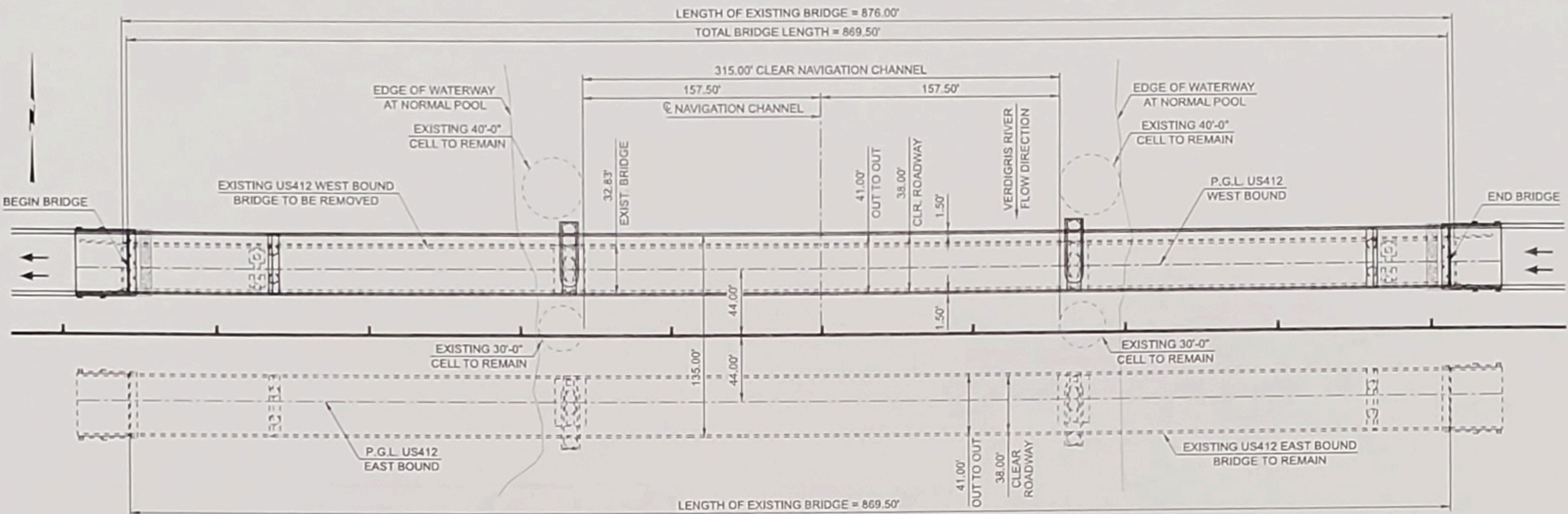
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT

OKLAHOMA DEPARTMENT OF TRANSPORTATION
 US-412 OVER ARKANSAS WATERWAY
 VERDIGRIS RIVER, MILE 431.6
 ROGERS COUNTY, NEAR INOLA
 STATE OF OKLAHOMA

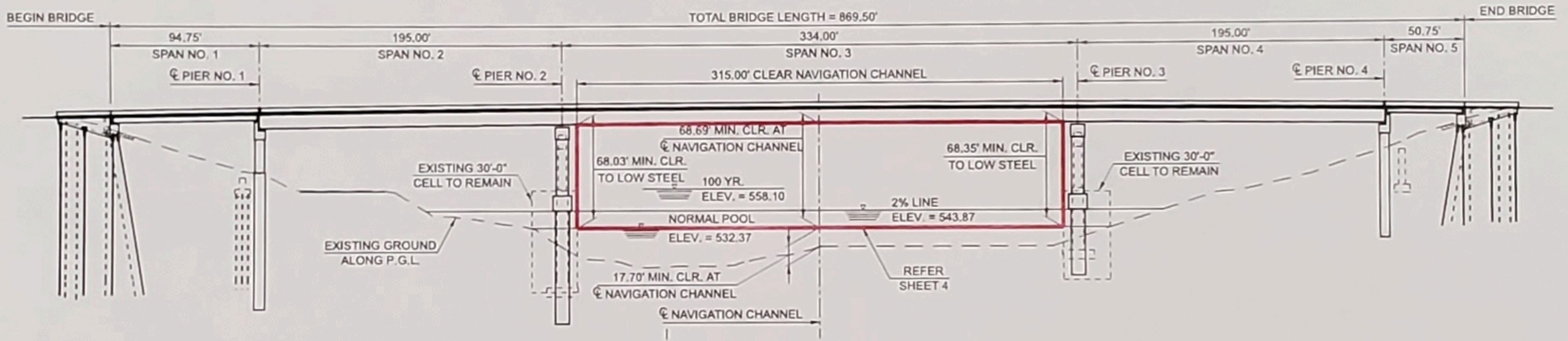
APPLICANT/OWNER:
 OKLAHOMA DEPARTMENT OF TRANSPORTATION
 CONSULTANT AGENT:
 MACARTHUR ASSOCIATED CONSULTANTS, LLC.

SHEET 1 OF 5

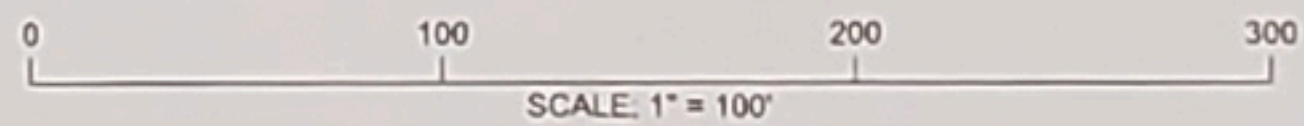
DATE: APRIL 16, 2021



PLAN



ELEVATION



NOTE:
LEVEL DATUM IS NAVD88. ELEVATIONS SHOWN FOR NORMAL POOL AND THE 2% FLOWLINE ARE ESTABLISHED BY CONVERTING NGVD TO NAVD88. A CONVERSION FACTOR OF 0.371 HAS BEEN APPLIED TO ELEVATIONS TAKEN FROM USACE MCCLELLON-KERR ARKANSAS RIVER SYSTEM NAVIGATION CHARTS.

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT

OKLAHOMA DEPARTMENT OF TRANSPORTATION
US-412 OVER ARKANSAS WATERWAY
VERDIGRIS RIVER, MILE 431.6
ROGERS COUNTY, NEAR INOLA
STATE OF OKLAHOMA

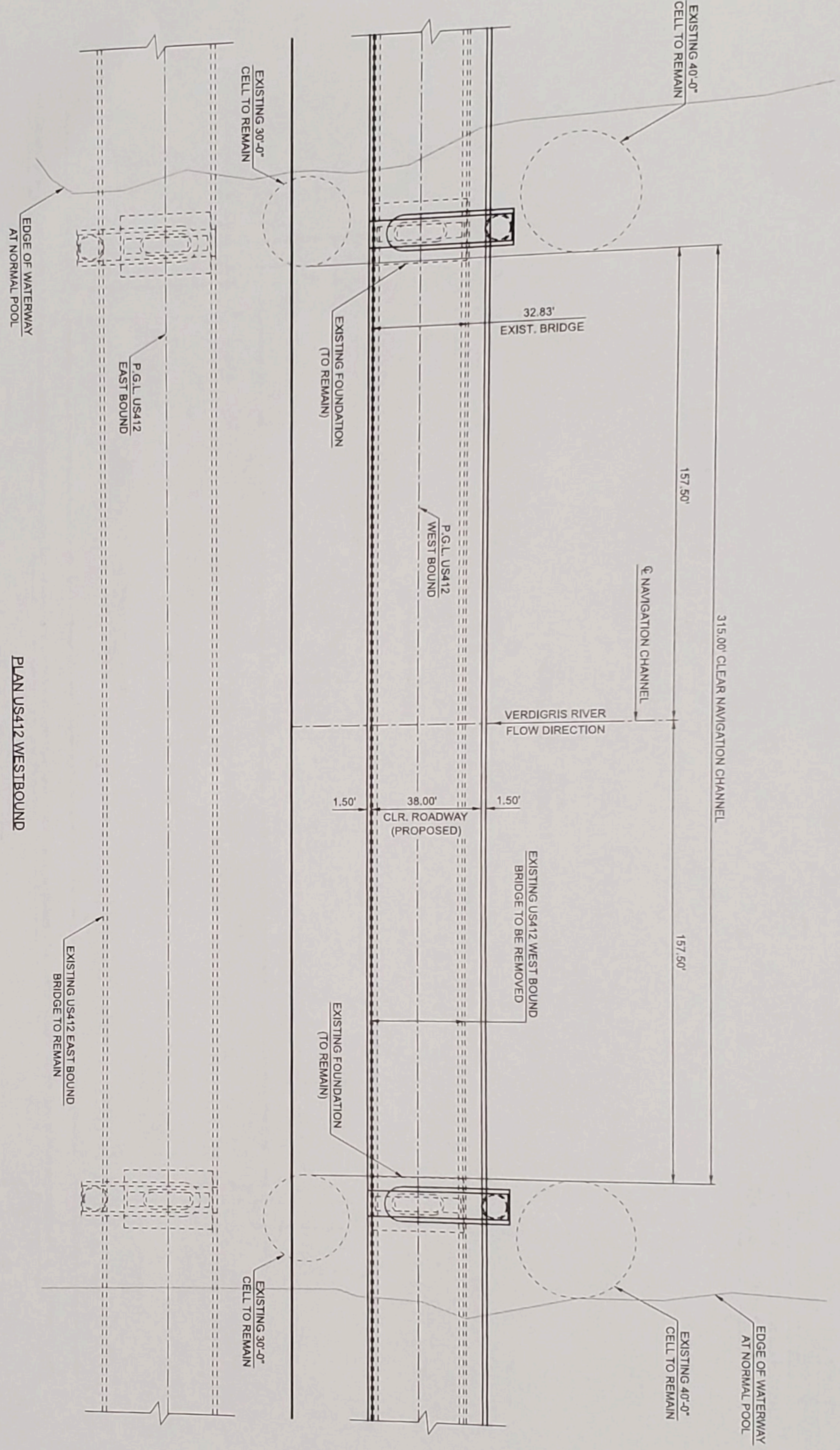
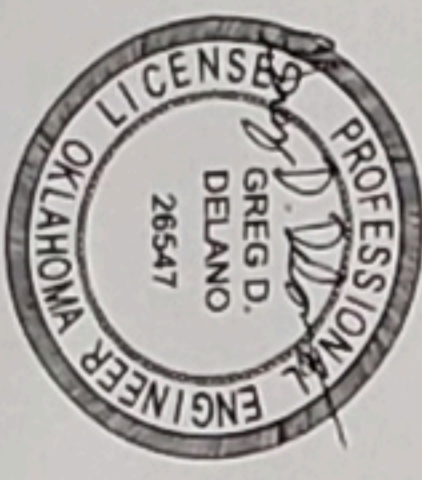
APPLICANT/OWNER:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
CONSULTANT AGENT:
MACARTHUR ASSOCIATED CONSULTANTS, LLC.
SHEET 2 OF 5

DATE: APRIL 16, 2021

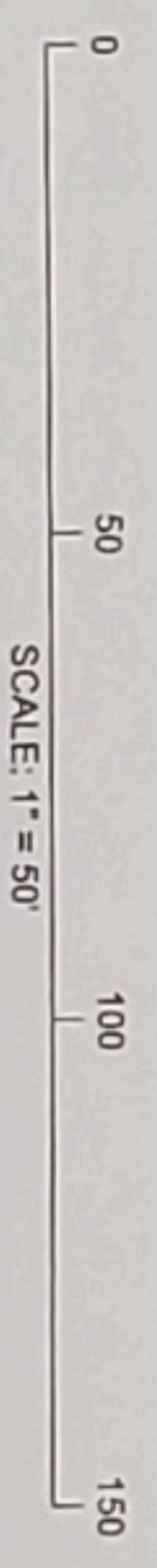


THE BRIDGE SHOWN HAS BEEN DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, EXCEPT MODIFIED BY CURRENT ODOT BRIDGE DIVISION POLICIES.

THE BRIDGE SHOWN HAS BEEN DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, EXCEPT MODIFIED BY CURRENT ODOT BRIDGE DIVISION POLICIES.



PLAN US412 WESTBOUND



NOTE:
 LEVEL DATUM IS NAVD88. ELEVATIONS SHOWN FOR NORMAL POOL AND THE 2% FLOWLINE ARE ESTABLISHED BY CONVERTING NGVD TO NAVD88. A CONVERSION FACTOR OF 0.371 HAS BEEN APPLIED TO ELEVATIONS TAKEN FROM USACE MCCLELLON-KERR ARKANSAS RIVER SYSTEM NAVIGATION CHARTS.

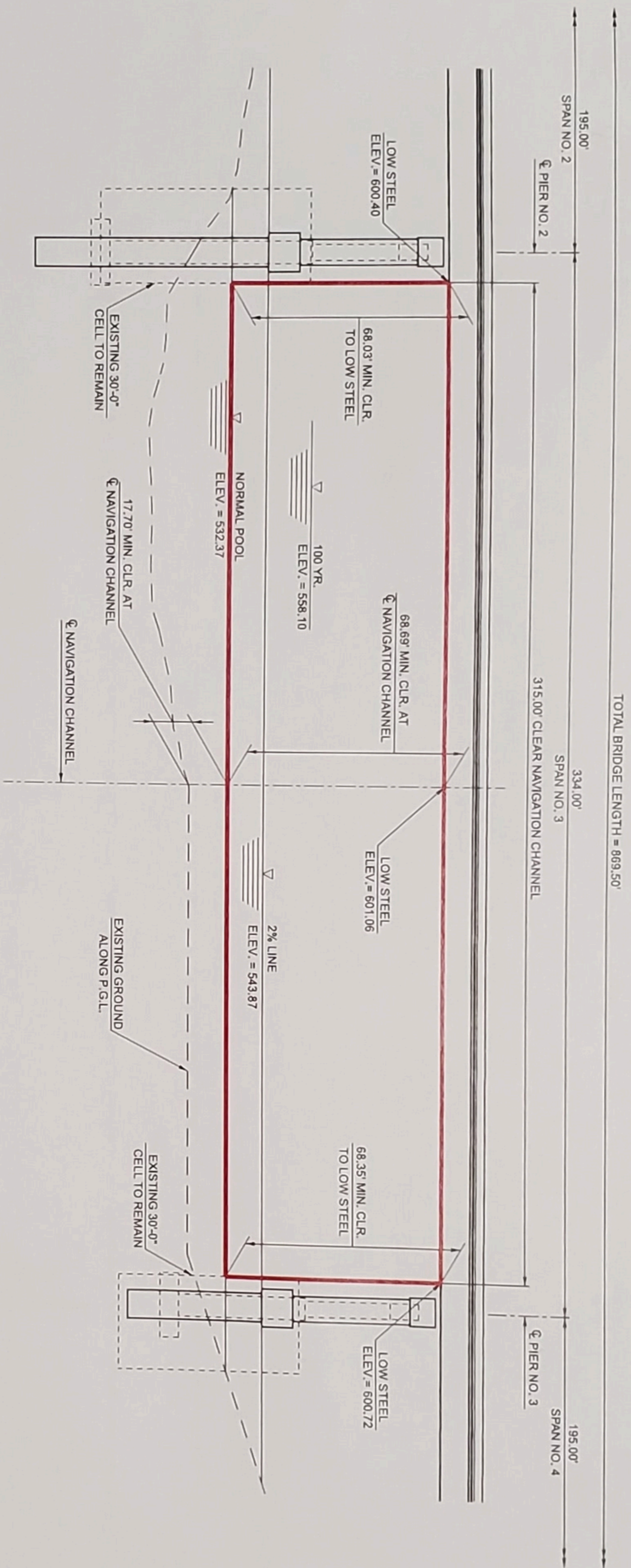
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT

OKLAHOMA DEPARTMENT OF TRANSPORTATION
 US-412 OVER ARKANSAS WATERWAY
 VERDIGRIS RIVER, MILE 431.6
 ROGERS COUNTY, NEAR INOLA
 STATE OF OKLAHOMA

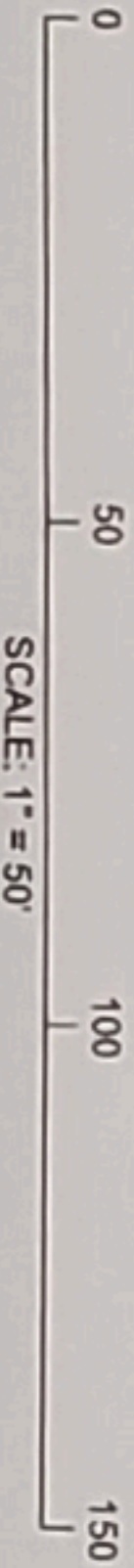
APPLICANT/OWNER:
 OKLAHOMA DEPARTMENT OF TRANSPORTATION
 CONSULTANT AGENT:
 MACARTHUR ASSOCIATED CONSULTANTS, LLC.

SHEET 3 OF 5

DATE: APRIL 16, 2021



ELEVATION US412 WESTBOUND
(HIGHWAY 33 DUAL BRIDGE)



NOTE:

LEVEL DATUM IS NAVD88. ELEVATIONS SHOWN FOR NORMAL POOL AND THE 2% FLOWLINE ARE ESTABLISHED BY CONVERTING NGVD TO NAVD88. A CONVERSION FACTOR OF 0.371 HAS BEEN APPLIED TO ELEVATIONS TAKEN FROM USACE MCCLELLON-KERR ARKANSAS RIVER SYSTEM NAVIGATION CHARTS.



THE BRIDGE SHOWN HAS BEEN DESIGNED IN ACCORDANCE WITH ASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, EXCEPT MODIFIED BY CURRENT ODOT BRIDGE DIVISION POLICIES.

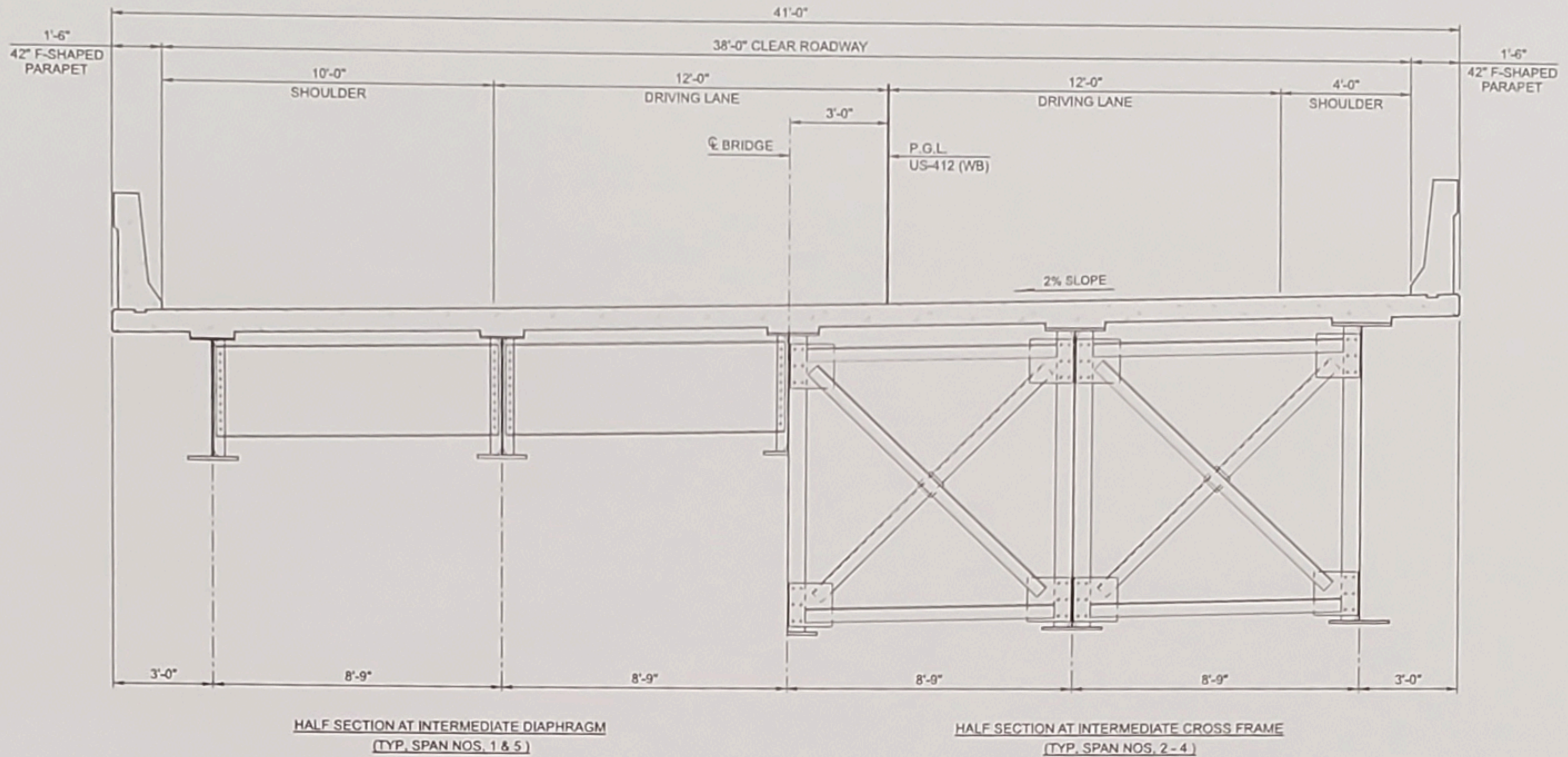
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT

OKLAHOMA DEPARTMENT OF TRANSPORTATION
US-412 OVER ARKANSAS WATERWAY
VERDIGRIS RIVER, MILE 431.6
ROGERS COUNTY, NEAR INOLA
STATE OF OKLAHOMA

APPLICANT/OWNER:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
CONSULTANT AGENT:
MACARTHUR ASSOCIATED CONSULTANTS, LLC.

SHEET 4 OF 5

DATE: APRIL 16, 2021



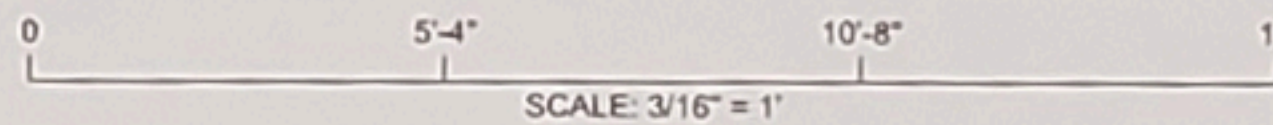
HALF SECTION AT INTERMEDIATE DIAPHRAGM
(TYP. SPAN NOS. 1 & 5)

HALF SECTION AT INTERMEDIATE CROSS FRAME
(TYP. SPAN NOS. 2 - 4)

TYPICAL CROSS SECTION



THE BRIDGE SHOWN HAS BEEN DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, EXCEPT MODIFIED BY CURRENT ODOT BRIDGE DIVISION POLICIES.



NOTE:
LEVEL DATUM IS NAVD88. ELEVATIONS SHOWN FOR NORMAL POOL AND THE 2% FLOWLINE ARE ESTABLISHED BY CONVERTING NGVD TO NAVD88. A CONVERSION FACTOR OF 0.371 HAS BEEN APPLIED TO ELEVATIONS TAKEN FROM USACE MCCLELLON-KERR ARKANSAS RIVER SYSTEM NAVIGATION CHARTS.

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT

<p>OKLAHOMA DEPARTMENT OF TRANSPORTATION</p> <p>US-412 OVER ARKANSAS WATERWAY VERDIGRIS RIVER, MILE 431.6 ROGERS COUNTY, NEAR INOLA STATE OF OKLAHOMA</p> <p>APPLICANT/OWNER: OKLAHOMA DEPARTMENT OF TRANSPORTATION CONSULTANT AGENT: MACARTHUR ASSOCIATED CONSULTANTS, LLC.</p> <p>SHEET 5 OF 5</p>

DATE: APRIL 16, 2021