



April 22, 2020

**PUBLIC NOTICE (11-154)**

All interested parties are notified that an application, dated October 25, 2019, has been received from the County of Sacramento by the Commander, Eleventh Coast Guard District for approval of location and plans for the construction of a replacement bridge over a navigable waterway of the United States. The General Bridge Act of 1946 requires approval of the location and plans for bridges over navigable waters of the United States, prior to commencing construction. A Coast Guard Bridge Permit will be required for this project.

**WATERWAY AND LOCATION:** Snodgrass Slough, mile 4.4, near Walnut Grove, Sacramento County, California. Position: 38.276939, -121.497963

**CHARACTER OF PROPOSED WORK:** Sacramento County is proposing to replace the existing Twin Cities Road Swing Bridge with a two-lane reinforced concrete bridge with a removable steel truss. Currently, the existing bridge is structurally deficient and does not meet current highway structural design standards. The proposed replacement bridge would improve functionality of the bridge and provide for the safety of the public. The proposed replacement bridge will shift 50 feet north of the existing bridge and measure 1048.5 feet in length with an out-to-out width of 41.66 feet. The existing pier protection system will be removed and replacement dolphins will be installed on both the north and south side of the proposed replacement bridge. To support the construction of the proposed replacement bridge, temporary trestles will be built on the north and south sides of the project. The temporary trestles will be 915 feet in length with an out to out width of 30 feet and will provide a minimum of 75 feet of horizontal clearance during construction. All parts of the existing to-be-replaced bridge will be removed down to or below 5 feet of the natural bottom of the waterway.

**MINIMUM PROPOSED NAVIGATIONAL CLEARANCES:**

	<b>Existing Bridge</b>	<b>Proposed Bridge</b>
Horizontal (normal to the axis of the channel)	75 feet	75 feet
Vertical Above Mean High Water (MHW)	18 feet (closed) Unlimited (open)	22.31 feet (closed) Unlimited (open)

Datum: MHW elevation of 5.6 feet (NAVD 88)

**ENVIRONMENTAL CONSIDERATIONS:**

Under the provisions of 23 U.S.C. 327, the United States Department of Transportation Secretary, acting through the Federal Highway Administration, assigned the responsibilities for the National Environmental Policy Act (NEPA) and

other federal environmental laws to the California Department of Transportation (Caltrans). Caltrans is the lead Federal agency for satisfying the requirements of NEPA and is acting on behalf of the U.S. Coast Guard (USCG) for all environmental control laws. Caltrans has determined that the proposed action will not have a significant impact on the environment. Caltrans issued a Categorical Exclusion (CE) on July 7, 2017 for the proposed project. The USCG, as a cooperating agency for NEPA, intends to issue a CE for the project. Documents are available for review at the above address, Monday through Friday, 7 a.m. to 4 p.m.

A state Water Quality Certification application, dated April 16, 2019, has been submitted to the California Regional Water Quality Control Board, Central Valley Region, pursuant to section 401 of the Clean Water Act.

The proposed bridge project is considered an encroachment but not a significant encroachment on the 100-year floodplain (elevation 18 feet (NAVD 88)). The low steel elevation of the proposed bridge is 27.91 feet (NAVD 88). There will be no fill below MHW.

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:**

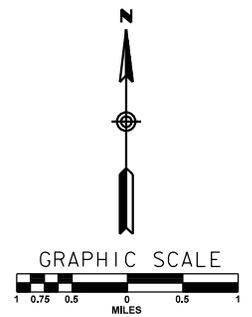
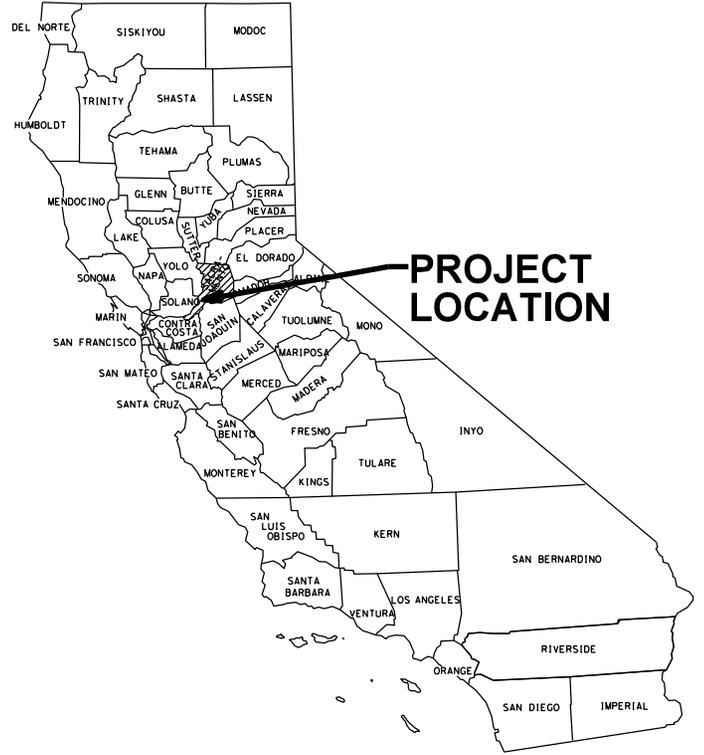
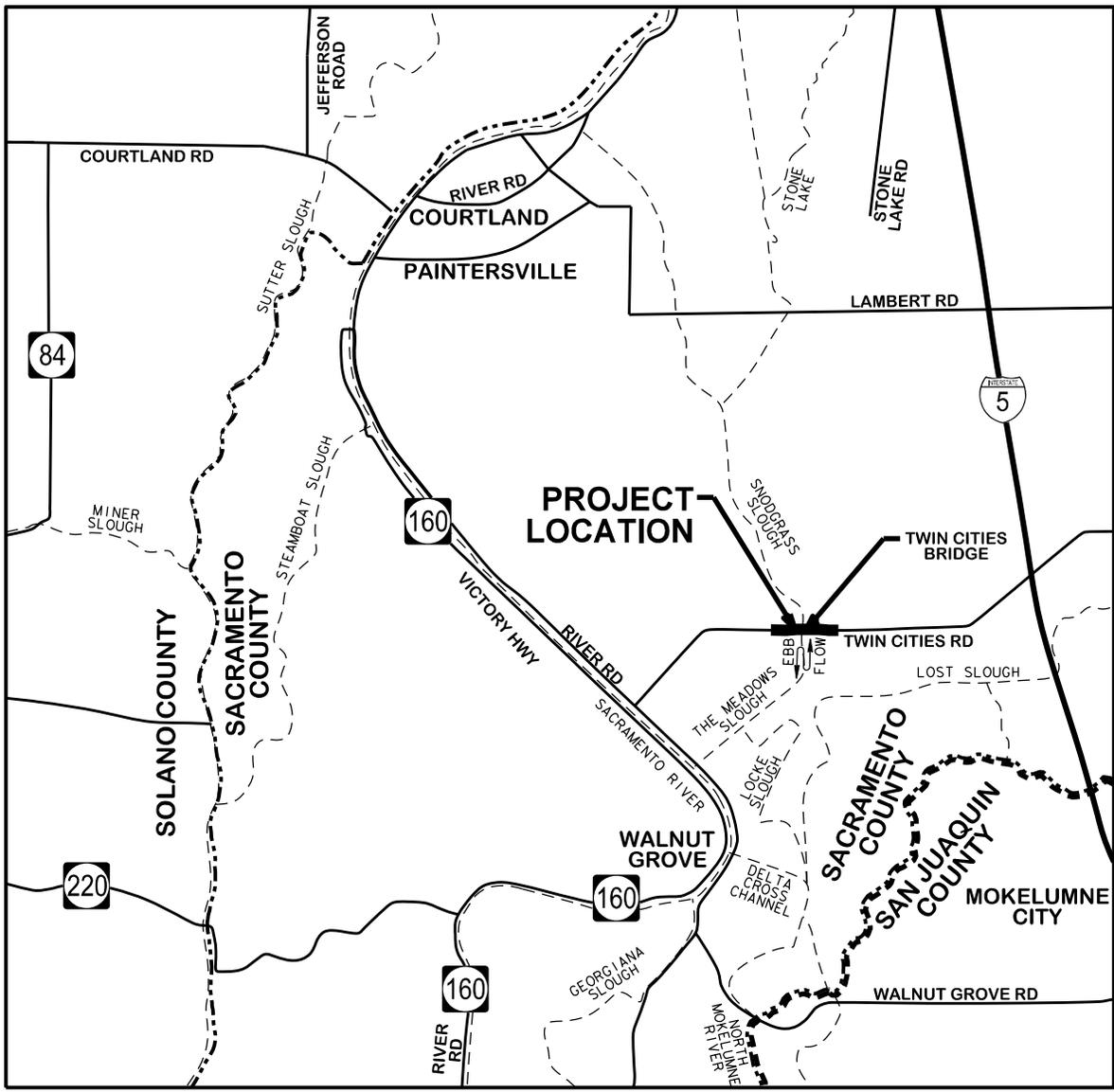
Mariners are requested to comment on navigational safety issues, including the need for clearance gauges and the extent of nighttime navigation through the proposed replacement bridge. Interested parties are requested to express their views, in writing on the proposed project, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work. Comments will be received for the record at Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg 50-2, Alameda, CA 94501-5100, through May 22, 2020.

Location and plans of the proposed project are included in this public notice.

//s//  
CARL T. HAUSNER  
Chief, Bridge Section  
Eleventh Coast Guard District  
By direction of the District Commander

Attention Postmaster: Please Post.

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.



NOTES:  
THERE ARE NO WILDLIFE OR WATERFOWL REFUGES, RECREATION  
AREAS OR PUBLIC PARKS, HISTORICAL OR ARCHEOLOGICAL SITES  
IN THE VICINITY OF THE PROPOSED BRIDGE.  
ELEVATIONS ON THESE PLANS ARE BASED ON NAVD 88.  
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.



DOKKEN ENGINEERING  
110 BLUE RAVINE RD  
SUITE 200  
FOLSOM, CA 95630

SACRAMENTO COUNTY  
DEPARTMENT OF TRANSPORTATION  
BRIDGE NO. 24C0053  
TWIN CITIES ROAD BRIDGE  
OVER SNODGRASS SLOUGH (MILE 4.4)  
NEAR WALNUT GROVE, SACRAMENTO COUNTY  
CALIFORNIA

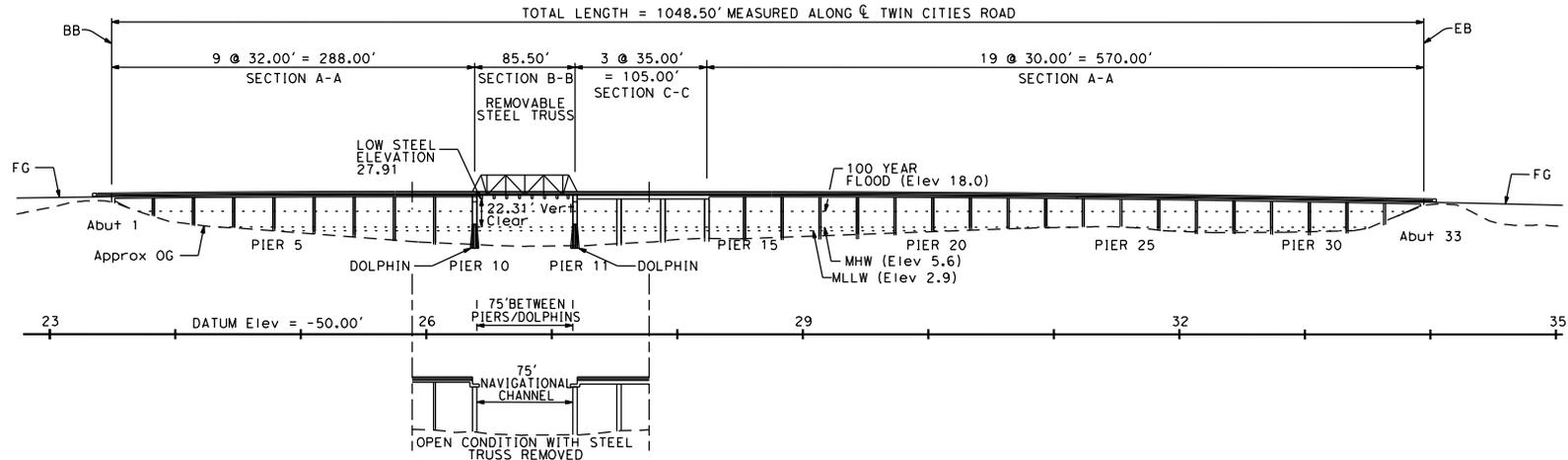
VICINITY MAP  
APRIL 14, 2020 SHEET 1 OF 5

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

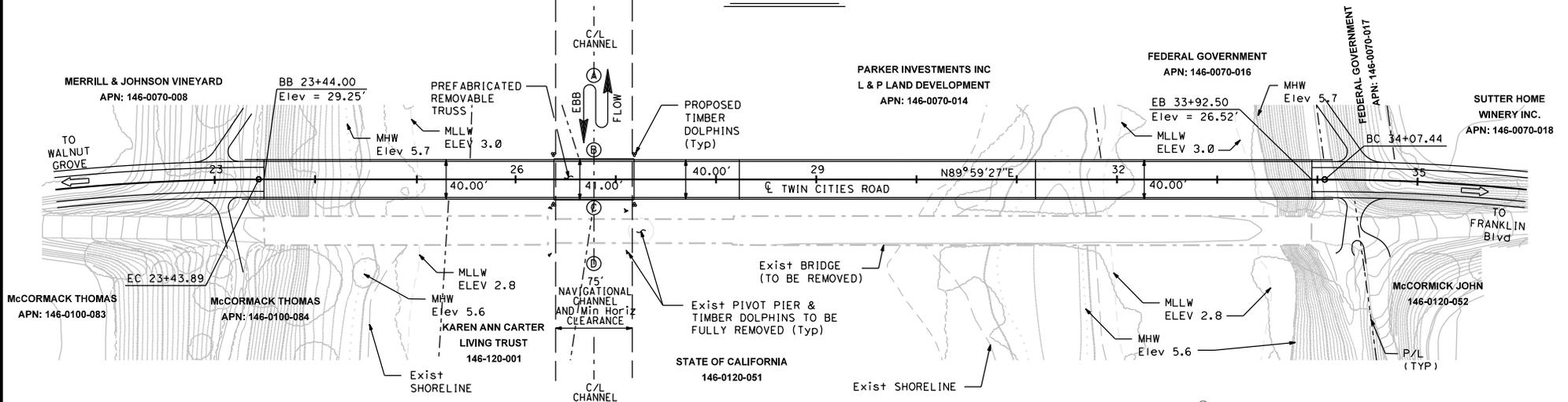


NOTE:

- FOR SECTIONS A-A, B-B AND C-C, SEE SHEET 3.
- NAVD 88 VERTICAL DATUM.



ELEVATION



PLAN

LOCATION IN CHANNEL	WATER DEPTH AT MLLW
(A) IMMEDIATELY UPSTREAM	12.4'
(B) BRIDGE UPSTREAM FACE	12.5'
(C) BRIDGE DOWNSTREAM FACE	12.2'
(D) IMMEDIATELY DOWNSTREAM	11.8'



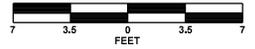
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PLAN AND ELEVATION  
APRIL 14, 2020 SHEET 2 OF 5

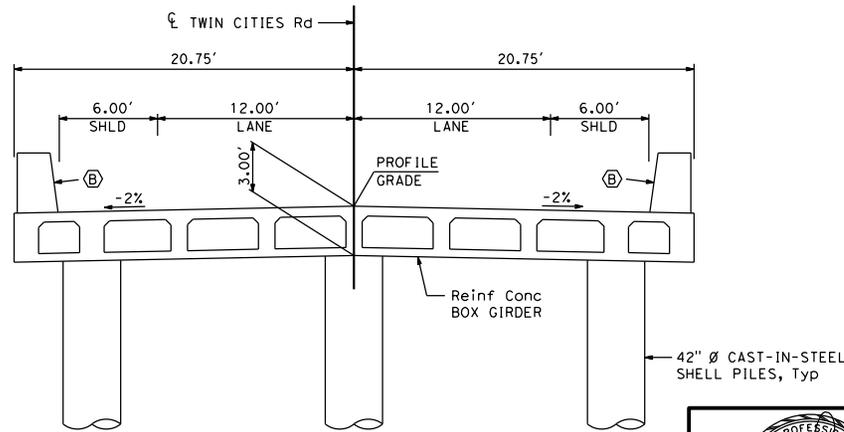
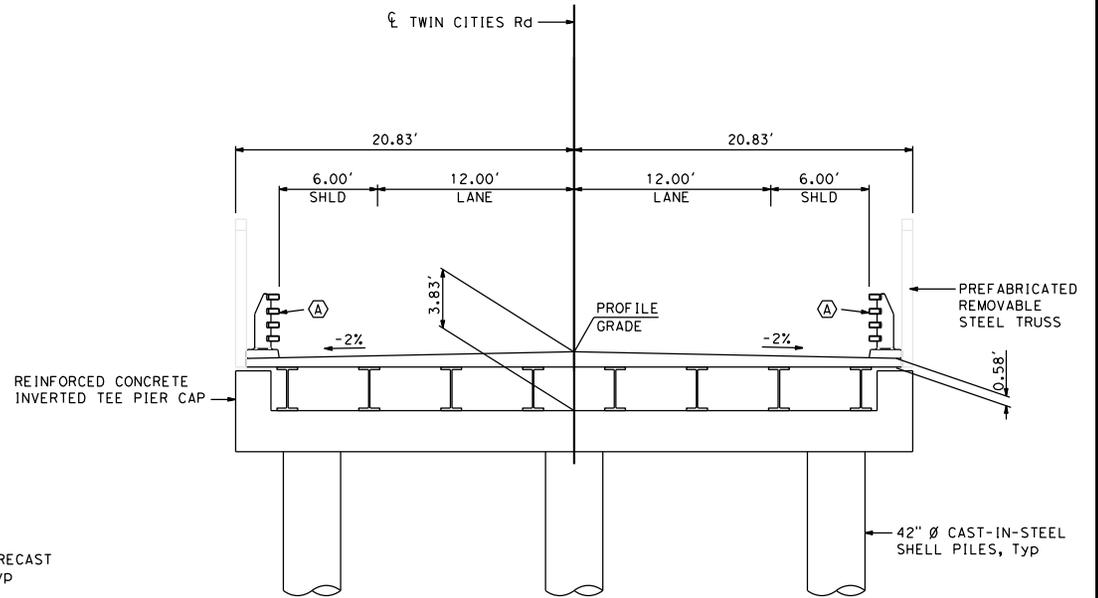
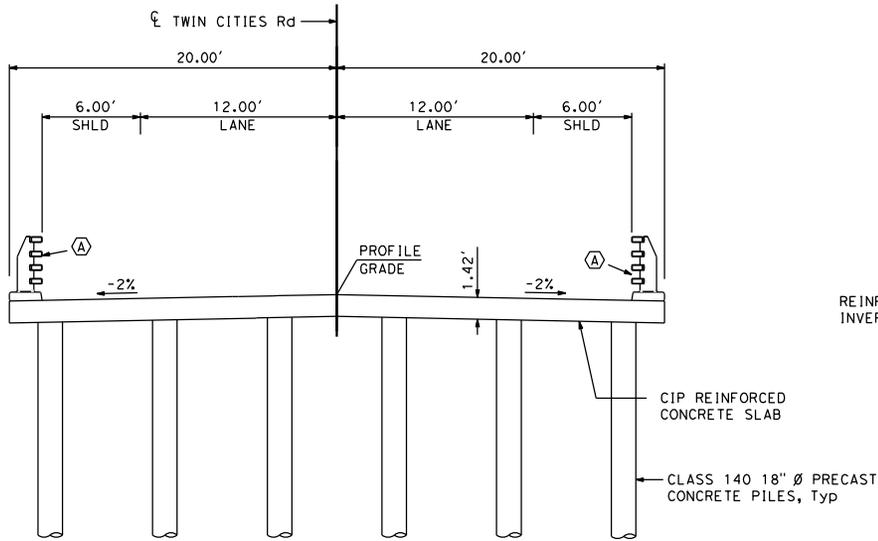
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

GRAPHIC SCALE



NOTE:

1. Exist BRIDGE TO BE REMOVED BEFORE CONSTRUCTIONS B-B AND C-C



LEGEND

- (A) CALIFORNIA ST-70 BRIDGE RAILING
- (B) CONCRETE BARRIER TYPE 742 (MOD)

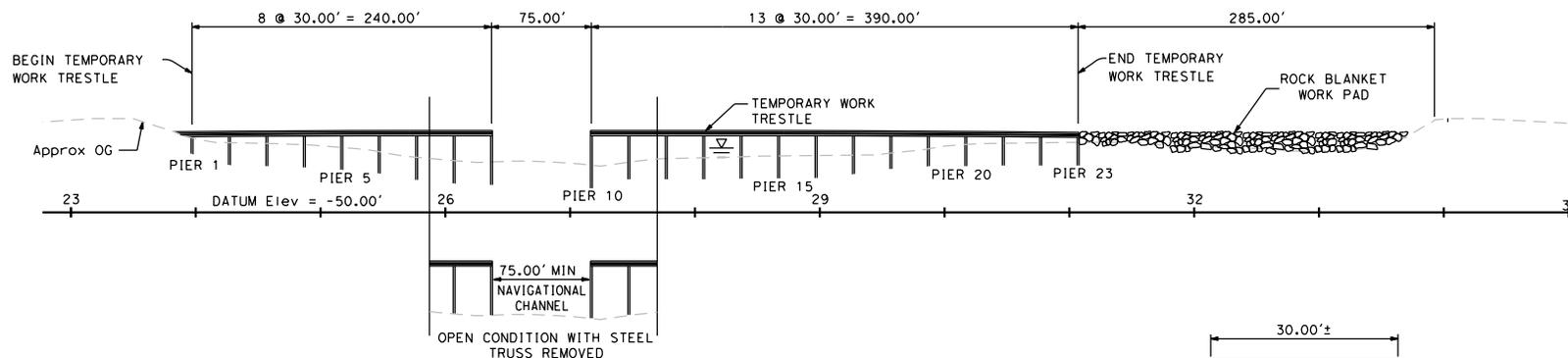
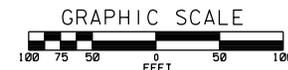


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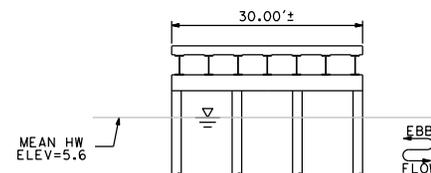
TYPICAL SECTIONS  
APRIL 14, 2020 SHEET 3 OF 5

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

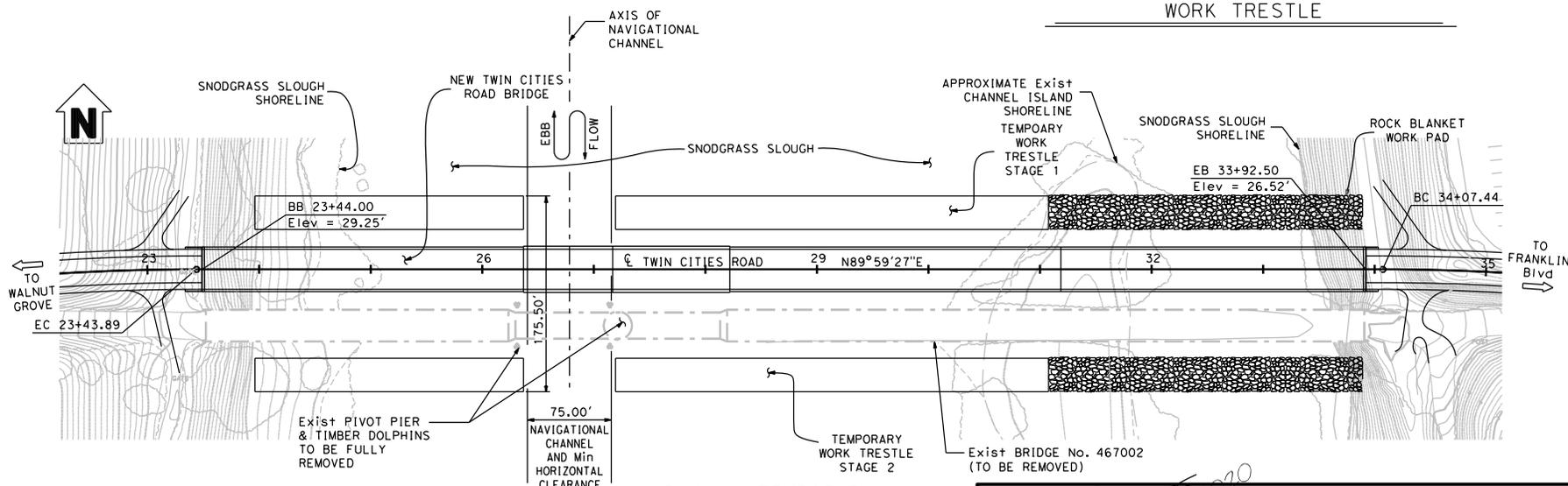


ELEVATION - TEMPORARY WORK TRESTLE

- LEGEND
- - - - - Denotes Exist structure
  - - - - - Denotes Approximate Bottom of Slough Elevation



TYPICAL SECTION - TEMPORARY WORK TRESTLE



PLAN - TEMPORARY WORK TRESTLE

NOTE:  
 TEMPORARY WORK TRESTLE DIMENSIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE TEMPORARY WORK TRESTLE FOR THE CONSTRUCTION OF THE TWIN CITIES ROAD BRIDGE. AS DEPICTED, THE CONTRACTOR SHALL PROVIDE A 75'-0" CLEAR WIDE BY UNLIMITED CLEAR VERTICAL TEMPORARY NAVIGATION CHANNEL.

VERTICAL DATUM = NAVD 88

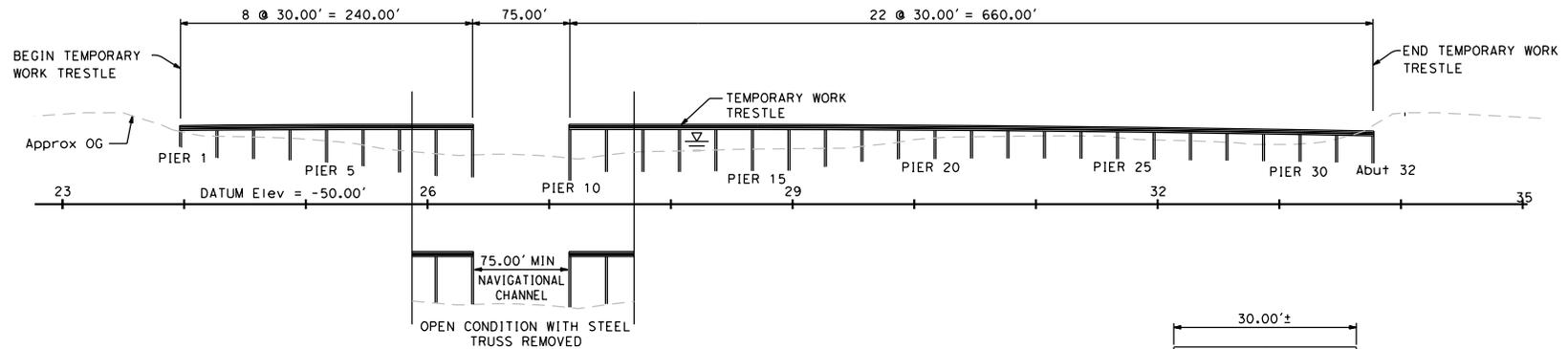


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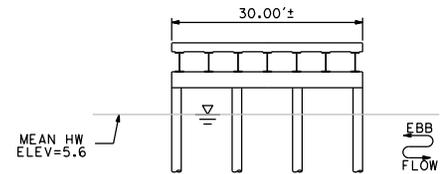
TEMPORARY WORK TRESTLE - OPTION 1  
 APRIL 14, 2020 SHEET 4 OF 5

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

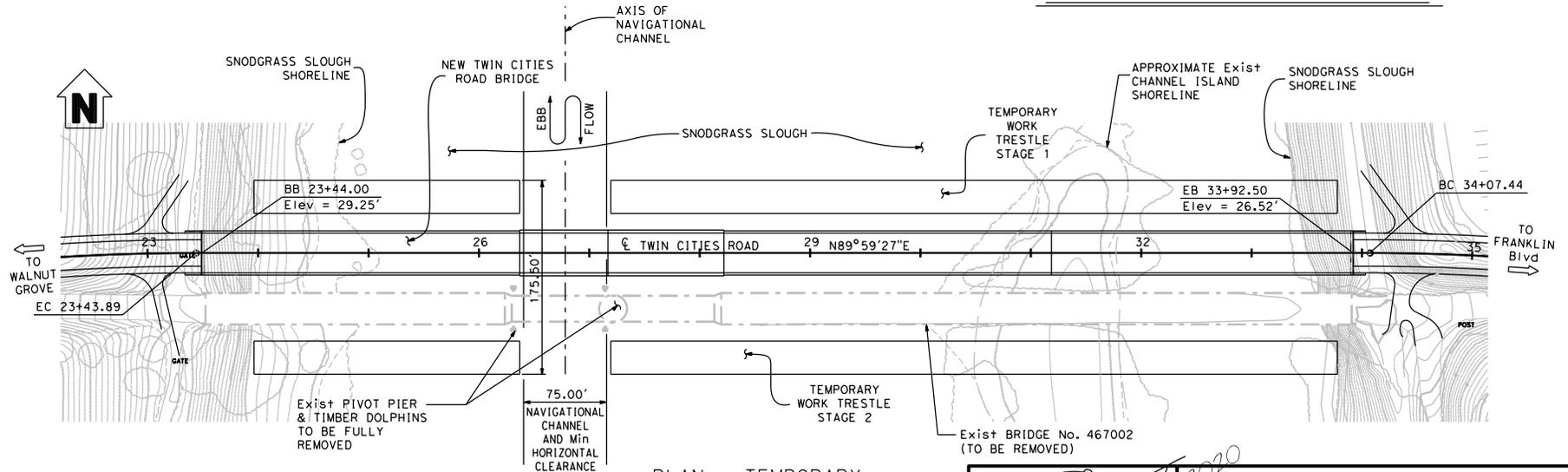


ELEVATION - TEMPORARY WORK TRESTLE

- LEGEND
- - - - - Denotes Exist structure
  - - - - - Denotes Approximate Bottom of Slough Elevation



TYPICAL SECTION - TEMPORARY WORK TRESTLE



PLAN - TEMPORARY WORK TRESTLE

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TEMPORARY WORK TRESTLE - OPTION 2  
 APRIL 14, 2020 SHEET 5 OF 5