



PUBLIC NOTICE

US Army Corps
of Engineers
Rock Island District

Applicant: American River Transport Co., LLC. Date: July 30, 2020
Expires: August 28, 2020
CEMVR-OD-P-2020-943 Section 10

US Army Corps of Engineers

1. **Applicant:** Mr. Mike Bybee-American River Transport Company, LLC., 1495 E. IL Route 71, Ottawa, Illinois 61350.

2. **Project Location:**

- IL-Seneca USGS quad sheet.
- Section 25, Township 33 North, Range 5 East.
- 1 E. Dupont Road, Seneca, LaSalle County, Illinois 61360
- Datum NAD-83. UTM Zone 16, Northing: 4573462.36, Easting: 366695.79.
- Latitude: 41.30161. Longitude: -88.59229. Illinois River mile 253.2-253.7.

3. **Project Description.**

a. Previous Authorization: No known previous authorizations at this location that we are aware of. However, the applicant states that a similar fleeting area was used by previous owners until December of 2005. The area they wish to rejuvenate was an existing fleet that was used up until December of 2005.

b. Current Request: The purpose of the project is barge mooring and fleeting. The proposed work consists of constructing concrete deadmen to moor barges from mile marker 253.2 to mile marker 253.7. The maximum number of barges to be moored at any given time is 27. The barges would be arranged in various configurations but would not impede the navigation channel. No dredging or fill is required to complete this requested activity. The concrete deadmen would be buried along the left descending riverbank with an excavator. Anchor chains will attach to the concrete deadmen and run down towards the river, connecting to a shock absorbing system that connects to a steel cable extending out to a floating buoy. Any areas disturbed will be restored after work is completed.

c. Permit Area: The permit area consists of the proposed barge fleeting/mooring area an area approximately (1800 feet by 140 feet) which will accommodate 27 barges. The average water depth is 16 feet and 30 feet at stage.

4. **Agency Review:**

a. Department of the Army, Corps of Engineers: The Department of the Army application is being processed under the provisions of Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

b. State of Illinois.

(1) The project plans have been submitted to the Illinois Environmental Protection Agency (IEPA) for review.

(2) The Illinois Department of Natural Resources, Office of Water Resources (IDNR/OWR) is a participant in the joint application process and requires that IDNR/OWR permits be obtained for construction within floodways; construction and other activities within public bodies of water; and construction, operation and maintenance of dams pursuant to the State of Illinois Rivers, Lakes, and Streams Act (615 ILCS 5). Inquiries concerning IDNR/OWR jurisdiction and/or review of the activity should be directed to the OWR at dnr.dworm@illinois.gov or 217/782-3863. Information on the IDNR/OWR Regulatory and other programs can be found at <http://dnr.state.il.us/owr>.

5. **Historical/Archaeological:** The District consulted with the Illinois geographic information systems archeological site and survey databases online and determined there are multiple surveys in the area, but no previously identified historic properties in the vicinity of the permit area. In addition, the Corps consulted “*An Investigation of Submerged Historic Properties in the Upper Mississippi River and Illinois Waterway*” (October 1997) prepared by American Resources Group, Ltd., for the Corps (Contract No. DACW25-93-D-0012, Delivery Order No. 37). There are no shipwrecks indicated in the vicinity of the current permit. Therefore, it is the opinion of the District there are low to no potential for intact historic properties to be affected by the proposed action and there will be **no historic properties affected** by the issuance of the permit.

6. **Endangered Species.**

a. District staff have performed a preliminary review of this application for the potential impact on threatened or endangered species pursuant to Section 7 of the Endangered Species Act as amended. The following threatened or endangered species are listed by the United States Fish and Wildlife Service as occurring in LaSalle County, Illinois:

(<http://www.fws.gov/midwest/endangered/lists/illinois-cty.html>)

- Indiana bat. The endangered Indiana bat (*Myotis sodalis*) is considered to potentially occur in any area with forested habitat in any county in Illinois. Indiana bats migrate seasonally between winter hibernacula and summer roosting habitats. Winter hibernacula include caves and abandoned mines. Females form nursery colonies under the loose bark of trees (dead or alive) and/or cavities, where each female gives birth to a single young in June or early July. A single maternity colony may utilize a number of trees during the summer, typically a primary roost tree and several alternates. The species or size of tree does not appear to influence whether Indiana bats use a tree for roosting provided the appropriate bark structure is present.
 - Since no trees will be removed associated with this fleeting/dredging project, the Corps has determined there will be no effect on the Indiana bat.
- Eastern Prairie Fringed Orchid. The threatened eastern prairie fringed orchid (*Platanthera leucophaea*) may potentially be found in any Illinois county. It occupies wet prairie remnant habitat. There is no critical habitat designated for this species.
 - Since there is no wet prairie remnant habitat to be affected by the project, the Corps has determined there should be no effect on the eastern prairie fringed orchid.
- Northern long-eared bat. The threatened northern long-eared bat (*Myotis septentrionalis*) is considered to potentially occur in any area with forested habitat in any county in Illinois. It hibernates in caves and mines and swarms in surrounding wooded areas in autumn. It roosts and forages in upland forests and woods.

- Since no trees will be removed associated with this fleeting/dredging project, the Corps has determined there will be no effect on the northern long-eared bats.
- Scaleshell Mussel. The Federal endangered freshwater scaleshell mussel (*Leptodea leptodon*) is known to occur within medium to larger rivers and streams in Grundy County, Illinois. The scaleshell mussel is primarily a medium to larger river species with stable channels and good water quality. They bury themselves in sand and gravel on the river bottom with only the edge of their partially opened shells exposed. They are occurring mainly in shallow shoal habitats with moderate to swift currents over coarse sand and gravel.
 - No river bottom will be disturbed by this project, therefore The Corps has determined there will be no effect on the scaleshell mussels.
- Rattlesnake-master Borer moth. The Federal candidate rattlesnake-master borer moth (*Papaipema eryngii*) is a prairie habitat species. The moth is reliant on the rattlesnake master prairie plant as its sole food source. There is no critical habitat designated for this species.
 - No effect determination is required for candidate species, however since there is no prairie habitat to be affected by the project, the Corps has determined there should be no effect on the rattlesnake-master borer moth.

b. Based upon the information provided and available at this time, our preliminary determination is that the proposed activity would have **no effect** on federally listed:

- Indiana bat,
- Northern long-eared bat,
- Scaleshell mussel
- Eastern prairie fringed orchid
- Rattlesnake-master borer moth.

c. While informal consultation has been initiated with the United States Fish and Wildlife Service (FWS) at this time, we are further coordinating this application with the FWS and the respective resource agencies through this public notice. Any comments they may have concerning Federally listed threatened or endangered species or their critical habitat will be considered in the final assessment of the proposed project. Accordingly, our preliminary determination is subject to change should further information become available.

7. Public Interest Review. The decision whether to issue the Corps permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

8. Who Should Reply. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above.

Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. These statements should be submitted on or before the expiration date specified at the top of page 1. These statements should bear upon the adequacy of plans and suitability of locations and should, if appropriate, suggest any changes considered desirable.

9. **Public Hearing Requests.** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. A request may be denied if substantive reasons for holding a hearing are not provided.

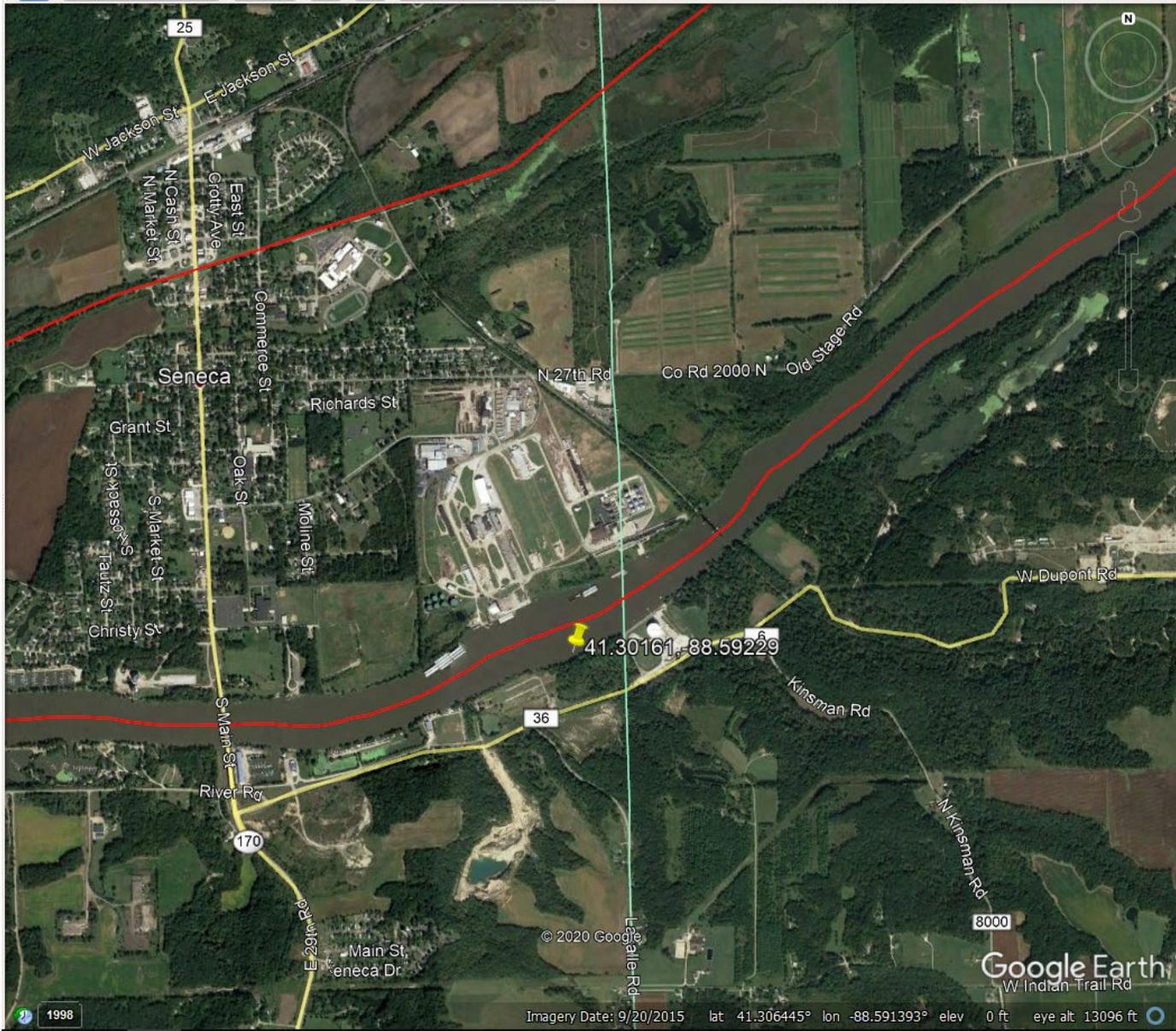
10. **Reply to the Corps of Engineers.** For additional information and comments concerning the Corps permit should be addressed to Mr. James Kelley by telephone 309-794-5373 or by e-mail: james.c.kelley@usace.army.mil.

Attach Plan

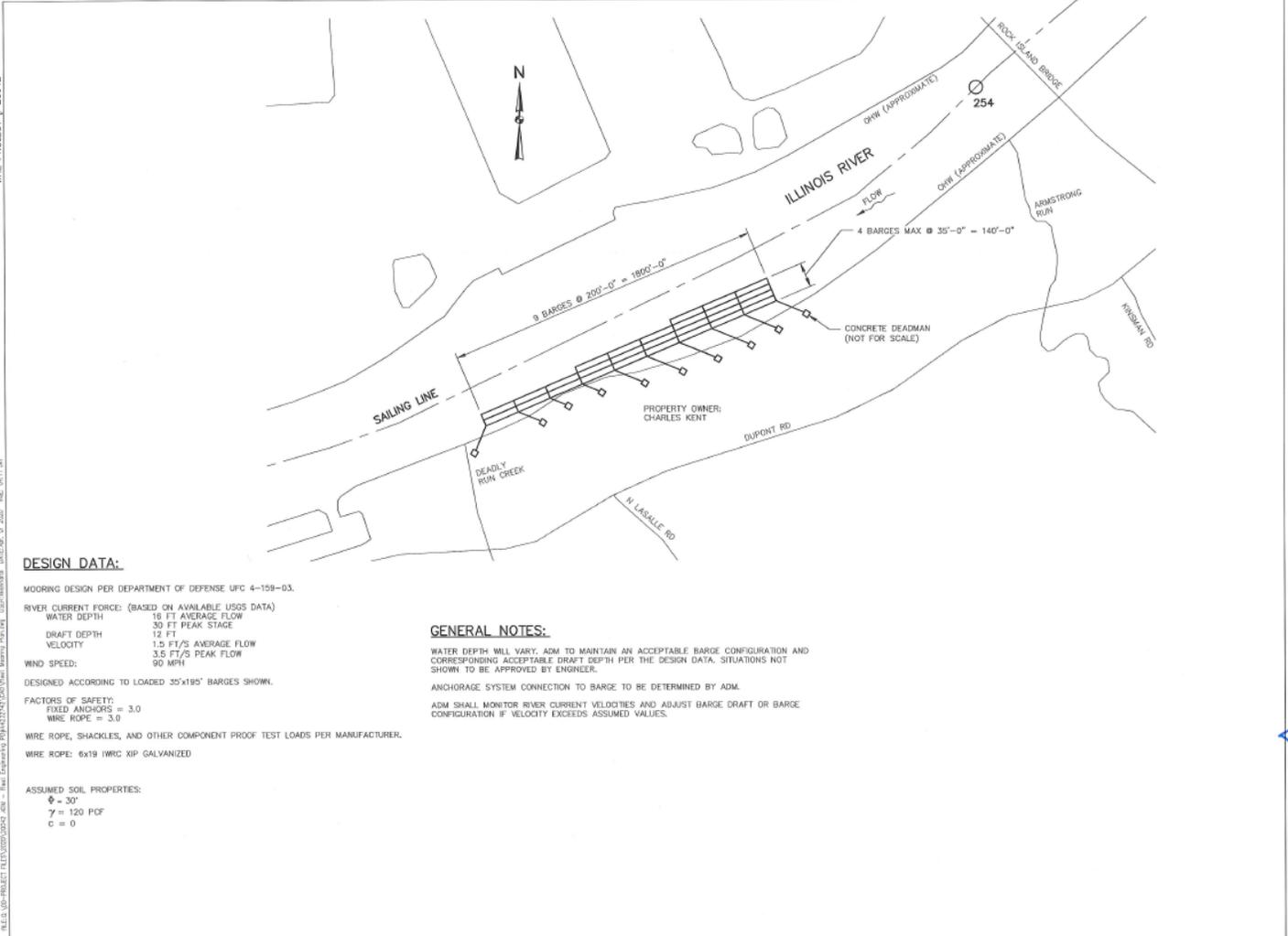
Mr. James C. Kelley
Project Manager
Illinois/Missouri Section
Regulatory Branch

REQUEST TO POSTMASTERS: Please post this notice conspicuously and continuously until the expiration date specified at the top of page 1.

NOTICE TO EDITORS: This notice is provided as background information for your use in formatting news stories. This notice is not a contract for classified display advertising.



CEMVR-OD-P-2020-0943
Sheet 1 of 3
Location Map



DESIGN DATA:

MOORING DESIGN PER DEPARTMENT OF DEFENSE UFC 4-159-03.

RIVER CURRENT FORCE: (BASED ON AVAILABLE USGS DATA)

WATER DEPTH
 18 FT AVERAGE FLOW
 30 FT PEAK STAGE

DRAFT DEPTH
 12 FT

VELOCITY
 1.5 FT/S AVERAGE FLOW
 3.5 FT/S PEAK FLOW

WIND SPEED:
 90 MPH

DESIGNED ACCORDING TO LOADED 35'x195' BARGES SHOWN.

FACTORS OF SAFETY:
 FIXED ANCHORS = 3.0
 WIRE ROPE = 3.0

WIRE ROPE, SHACKLES, AND OTHER COMPONENT PROOF TEST LOADS PER MANUFACTURER.

WIRE ROPE: 6x19 IWRC XIP GALVANIZED

ASSUMED SOIL PROPERTIES:
 $\phi = 30'$
 $\gamma = 120$ PCF
 $c = 0$

GENERAL NOTES:

WATER DEPTH WILL VARY; ADM TO MAINTAIN AN ACCEPTABLE BARGE CONFIGURATION AND CORRESPONDING ACCEPTABLE DRAFT DEPTH PER THE DESIGN DATA. SITUATIONS NOT SHOWN TO BE APPROVED BY ENGINEER.

ANCHORAGE SYSTEM CONNECTION TO BARGE TO BE DETERMINED BY ADM.

ADM SHALL MONITOR RIVER CURRENT VELOCITIES AND ADJUST BARGE DRAFT OR BARGE CONFIGURATION IF VELOCITY EXCEEDS ASSUMED VALUES.

**BARGE FLEET
 MOORING PLAN**

ILLINOIS RIVER
 MILE 254 NEAR
 SENECA, IL

ADM/ARTCO



Owner:
 ADM/ARTCO

Designer:
WESTBROOK
 Associated Engineers, Inc.
 619 EAST HOOE STREET
 P.O. BOX 429
 SPRING GREEN, WI 53588
 PHONE (608) 588-7866
 FAX (608) 588-7954
 WWW.WESTBROOKENG.COM

ISSUED FOR	REV	DATE
CON PERMIT	0	6/20/20



DRAWING TITLE
 BARGE FLEET
 MOORING PLAN

SHEET 1 OF 2
 DRAWING NUMBER

BARGE FLEET
MOORING PLAN

ILLINOIS RIVER
MILE 254 NEAR
SENECA, IL

ADM/ARTCO

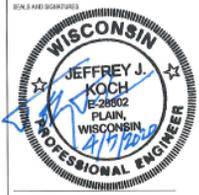


Owner:
ADM/ARTCO

Designer:
WESTBROOK
Associated Engineers, Inc.

619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954
WWW.WESTBROOKENG.COM

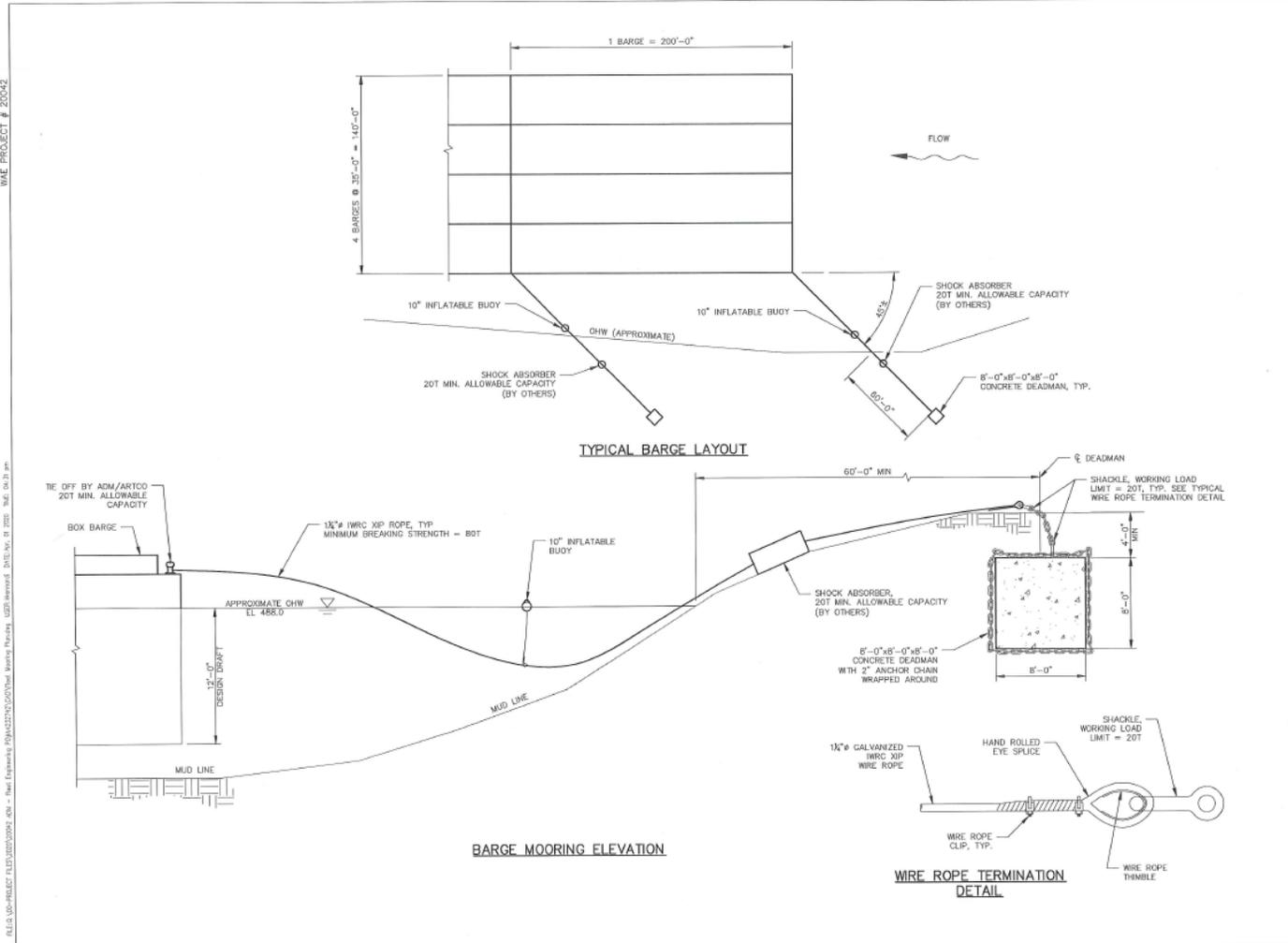
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ISSUED TITLE
BARGE FLEET
MOORING PLAN

SHEET 2 OF 2

DRAWING NUMBER



WAE PROJECT # 20042
CEMVR-OD-P-2020-943
DATE: 06/20/20
SCALE: AS SHOWN
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC

CEMVR-OD-P-2020-0943
Sheet 3 of 3
Mooring Typical Section