



US Army Corps
of Engineers
St Paul District

APPLICANT: Minnesota Department
of Transportation

Public Notice

ISSUED: 18 December 2015

EXPIRES: 04 January 2016

REFER TO: 2005-00073-DJS

SECTION: 404 - Clean Water Act
SECTION: 10 - Rivers and Harbors Act

1. APPLICATION TO MODIFY PERMIT MVP-2005-00073-DJS to authorize the Minnesota Department of Transportation to construct a temporary dock wall below the ordinary high water level of the St. Croix River along the Wisconsin shoreline to facilitate construction of the St. Croix River Crossing superstructure.

The original Public Notice associated with the St. Croix Crossing Project permit application was published August 28, 2012. A Department of Army permit for the project was issued on March 8, 2013.

2. SPECIFIC INFORMATION.

APPLICANT'S ADDRESS:

Attn: Michael Beer, Project Director
Minnesota Department of Transportation
395 John Ireland Boulevard
St. Paul, Minnesota 55155-1899

PROJECT LOCATION: The St. Croix Crossing project site is located in Sec. 34, T. 30N., R. 20W., Sec. 2, T. 29N., R. 20W., and in Sec. 35, T. 30 N., R. 20W., Washington County, Minnesota. The approximate UTM coordinates are -92.784817 West, 45.041026 North. The specific area related to this request for modification is shown on the attached drawings labeled 2013-00073-DJS, December 2015, 1 of 3 through 3 of 3.

DESCRIPTION OF PROJECT: The applicant proposes to discharge fill material into 5,265 square-feet of the St. Croix River along the Wisconsin shoreline for the purpose of constructing a temporary dock wall to support a ring crane that would be used to lift and place pre-cast bridge segments. Sheetpile would be driven into the bed of the river and granular fill would be placed below the water surface on geotextile fabric to construct the dock wall. The top of the proposed dock wall would be constructed at approximate elevation 689.0. The applicant has stated that temporary dock wall construction would not affect floodway width, navigation, or the 100-year flood elevation of the St. Croix River.

All sheet pile, fill material, geotextile fabric, silt fencing, and silt curtains associated with construction of the temporary dock wall would be removed from the riverbed and the site would be restored to preconstruction elevations and conditions following completion of the St. Croix Crossing Project in the fall of 2017.

QUANTITY, TYPE, AND AREA OF FILL: Granular fill material would be temporarily discharged into approximately 5,265 square feet of the St. Croix River below the Ordinary High Water Elevation of 680 feet.

Operations - Regulatory (2005-00073-DJS)
SUBJECT: St. Croix Crossing Temporary Dock Wall

VEGETATION IN AFFECTED AREA: The proposed work would be conducted primarily in a non-vegetated riverine area between Pier 12 and Pier 13. Thirteen trees would be removed and five trees would be trimmed in the adjacent upland area

SOURCE OF FILL MATERIAL: Local commercial sources.

SURROUNDING LAND USE: The proposed dock wall project is located within the construction limits of the St. Croix Crossing Project. Adjacent lands consist of residential properties.

DESCRIPTION OF DREDGING OR EXCAVATION: None were described by the applicant. However, excavation of material within the constructed perimeter of the proposed sheet pile dock wall may be required if soil conditions warrant the removal of soft or mucky sediments.

THE FOLLOWING POTENTIALLY TOXIC MATERIALS COULD BE USED AT THE PROJECT SITE: None.

THE FOLLOWING PRECAUTIONS TO PROTECT WATER QUALITY HAVE BEEN DESCRIBED BY THE APPLICANT: Silt fencing, silt curtains, and other standard erosion control measures would be implemented by the applicant.

MITIGATION: None was proposed by the applicant. Fill material used to construct the dock wall would be removed at the end of the project. Compensatory mitigation may be required if the worksite is not restored to preconstruction conditions.

3. REPLIES/COMMENTS.

Interested parties are invited to submit to this office written facts, arguments, or objections within 15 days of the date of this notice. These statements should bear upon the suitability of the location and the adequacy of the project and should, if appropriate, suggest any changes believed to be desirable. Comments received may be forwarded to the applicant.

Replies may be addressed to Regulatory Branch, St. Paul District, Corps of Engineers, 180 Fifth Street East, Suite 700, Saint Paul, MN 55101-1678.

Or, IF YOU HAVE QUESTIONS ABOUT THE PROJECT, call Mr. Tom Hingsberger at the St. Paul office of the Corps, telephone number (651) 290-5367.

To receive Public Notices by e-mail, go to: http://mvp-extstp.mvp.usace.army.mil/list_server/ and add your information in the New Registration Box.

Operations - Regulatory (2005-00073-DJS)
SUBJECT: St. Croix Crossing Temporary Dock Wall

4. FEDERALLY-LISTED THREATENED OR ENDANGERED WILDLIFE OR PLANTS OR THEIR CRITICAL HABITAT.

Washington County, Minnesota and St. Croix County, Wisconsin are within the known or historic range of the following Federally-listed threatened (T) and endangered (E) species:

| <u>Species</u> | <u>Habitat</u> |
|-------------------------------|---------------------------------------|
| Bald eagle (T) | Mature forest near water |
| Higgins' eye pearlymussel (E) | Mississippi and St. Croix Rivers |
| Winged mapleleaf mussel (E) | St. Croix River |
| Northern long eared bat (T) | Caves, mines, wooded areas |
| Gray wolf (E) | Northern forests |
| Snuffbox mussel (E) | Creeks & rivers with swift current |
| Spectaclecase mussel (E) | St. Croix River |
| Prairie-bush clover (T) | Dry to mesic prairies w/gravelly soil |

The proposed dock wall is located in an area that was surveyed for the presence of mussels in 2011 and it is within a previously-mitigated native mussel habitat area. This application to modify DA Permit 2005-00073-DJS to incorporate the temporary dock wall feature is being coordinated with the U.S. Fish and Wildlife Service. Any comments it may have concerning Federally-listed threatened or endangered wildlife or plants or their habitat will be considered in our final assessment of the described work.

5. JURISDICTION.

The jurisdictional determination prepared for DA Permit 2005-00073-DJS remains valid for the proposed causeway being reviewed. Corps jurisdiction under Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 08-02 was documented, and a determination was made that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act.

THE APPLICANT HAS STATED THAT THE FOLLOWING STATE, COUNTY, AND/OR LOCAL PERMITS HAVE BEEN APPLIED FOR/ISSUED: Minnesota Department of Natural Resources Waters Permit, and U.S. Coast Guard Bridge Permit.

6. STATE SECTION 401 WATER QUALITY CERTIFICATION.

The State Section 401 Water Quality Certification granted for DA Permit 2005-00073-DJS remains valid for this proposed permit modification.

Operations - Regulatory (2005-00073-DJS)
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7. HISTORICAL/ARCHAEOLOGICAL.

The Corps reviewed information on known cultural resources and/or historic properties within and adjacent to the project area. The results of this review and the Corps' determination of effect were coordinated with the State Historic Preservation Officer independent of this public notice. No adverse effects to historic properties were identified in the project corridor where the proposed temporary dock wall would be constructed

8. 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, in detail, the reasons for holding a public hearing. A request may be denied if substantive reasons for holding a hearing are not provided or if there is otherwise no valid interest to be served.

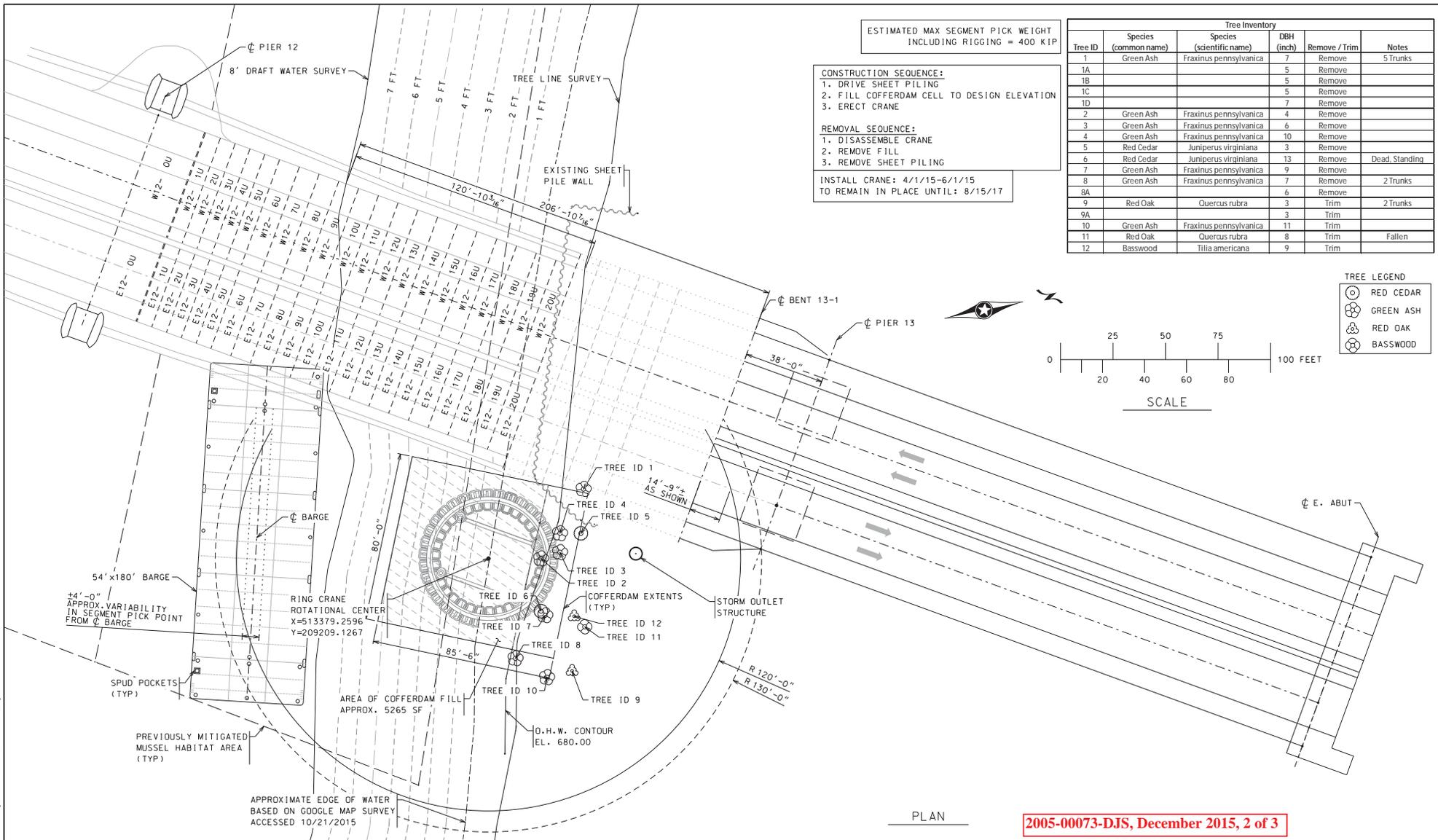
9. PUBLIC INTEREST REVIEW.

The decision whether to issue a permit modification 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. 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 and fiber production and, in general, the needs and welfare of the people. Environmental and other documents will be available for review in the St. Paul District Office.

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.

Ben Cox
Chief, Northwest Section

Enclosures



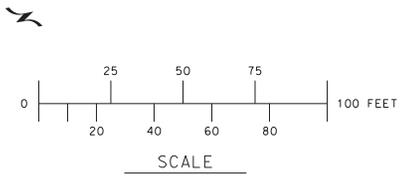
ESTIMATED MAX SEGMENT PICK WEIGHT INCLUDING RIGGING = 400 KIP

CONSTRUCTION SEQUENCE:
 1. DRIVE SHEET PILING
 2. FILL COFFERDAM CELL TO DESIGN ELEVATION
 3. ERECT CRANE

REMOVAL SEQUENCE:
 1. DISASSEMBLE CRANE
 2. REMOVE FILL
 3. REMOVE SHEET PILING

INSTALL CRANE: 4/1/15-6/1/15
 TO REMAIN IN PLACE UNTIL: 8/15/17

| Tree Inventory | | | | | |
|----------------|-----------------------|---------------------------|------------|---------------|----------------|
| Tree ID | Species (common name) | Species (scientific name) | DBH (inch) | Remove / Trim | Notes |
| 1 | Green Ash | Fraxinus pennsylvanica | 7 | Remove | 5 Trunks |
| 1A | | | 5 | Remove | |
| 1B | | | 5 | Remove | |
| 1C | | | 5 | Remove | |
| 1D | | | 7 | Remove | |
| 2 | Green Ash | Fraxinus pennsylvanica | 4 | Remove | |
| 3 | Green Ash | Fraxinus pennsylvanica | 6 | Remove | |
| 4 | Green Ash | Fraxinus pennsylvanica | 10 | Remove | |
| 5 | Red Cedar | Juniperus virginiana | 3 | Remove | |
| 6 | Red Cedar | Juniperus virginiana | 13 | Remove | Dead, Standing |
| 7 | Green Ash | Fraxinus pennsylvanica | 9 | Remove | |
| 8 | Green Ash | Fraxinus pennsylvanica | 7 | Remove | 2 Trunks |
| 8A | | | 6 | Remove | |
| 9 | Red Oak | Quercus rubra | 3 | Trim | 2 Trunks |
| 9A | | | 3 | Trim | |
| 10 | Green Ash | Fraxinus pennsylvanica | 11 | Trim | |
| 11 | Red Oak | Quercus rubra | 8 | Trim | Fallen |
| 12 | Basswood | Tilia americana | 9 | Trim | |



2005-00073-DJS, December 2015, 2 of 3

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| Rev | Date | By | Description |
|-----|------|----|-------------|
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| | | | |

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Signed _____
 Name _____
 License _____ Date 11/19/2015

STATE PROJECT: 8221-82045
 T.H. 36 OVER UPRR AND
 ST. CROIX RIVER
 CITY OF HOULTON
 ST. CROIX COUNTY WI

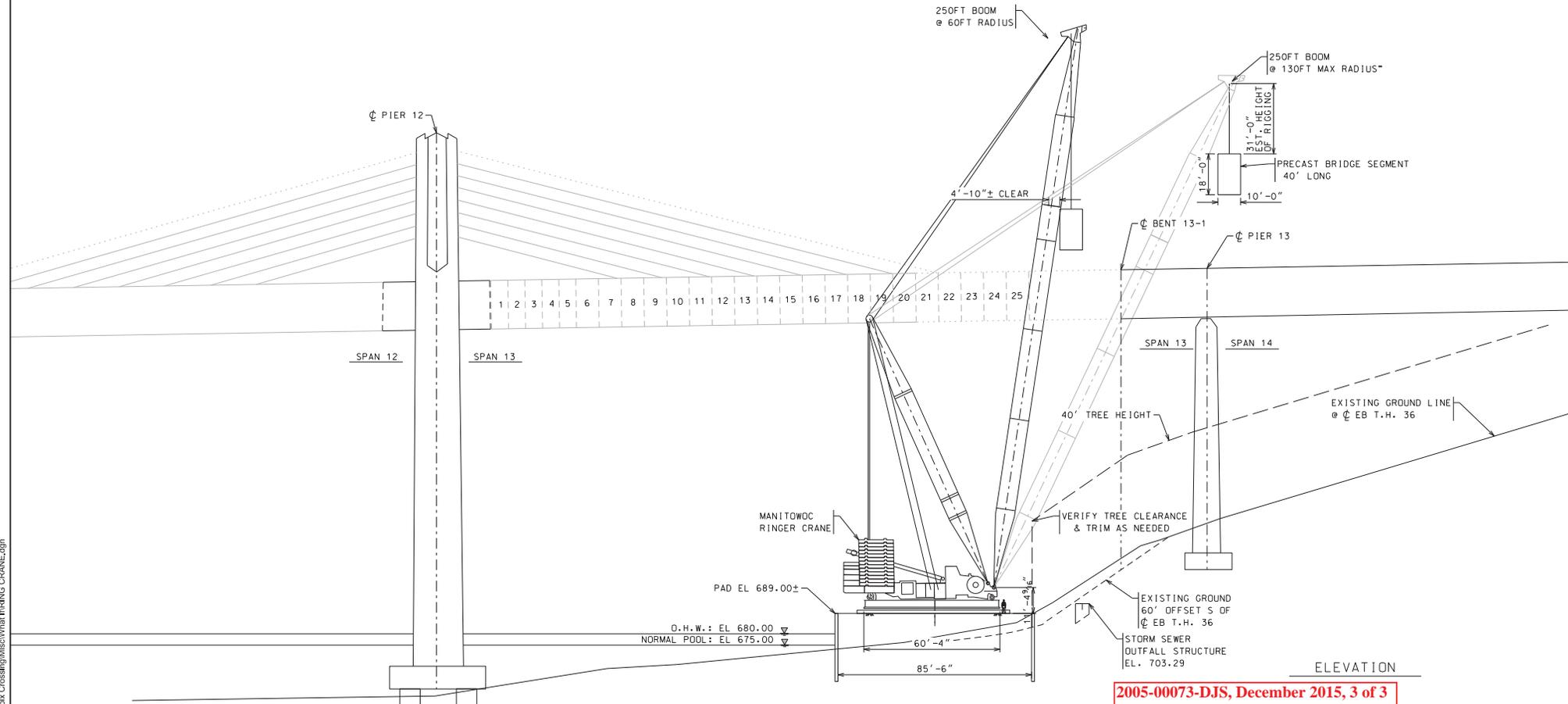
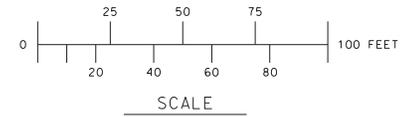
RING CRANE
 PLAN

| | | |
|------|------------|------------|
| Dwn | BDB | Bridge No. |
| Dsgn | BDB | 82045 |
| Chkd | - | Lunda No. |
| Date | 11/19/2015 | 18805900 |
| | | Sheet |
| | | 1 OF 2 |

LUNDA
 CONSTRUCTION CO.

ESTIMATED MAX SEGMENT PICK WEIGHT
INCLUDING RIGGING = 400 KIP

NOTE:
- ACTUAL SEGMENT WEIGHTS VARY.
- VERIFY PICK WEIGHT INCLUDING ACTUAL BLOCK, RIGGING, AND SEGMENT.
- AT NO TIME SHALL CHART CAPACITY BE EXCEEDED.



2005-0073-DJS, December 2015, 3 of 3

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LUNDA
CONSTRUCTION CO.

| Rev | Date | By | Description |
|-----|------|----|-------------|
| | | | |
| | | | |
| | | | |
| | | | |

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Signed _____
Name _____
License _____ Date 11/19/2015

STATE PROJECT: 8221-82045
T.H. 36 OVER UPRR AND
ST. CROIX RIVER
CITY OF HOULTON
ST. CROIX COUNTY WI

RING CRANE
ELEVATION

| | | | |
|------|------------|------------|----------|
| Dwn | BDB | Bridge No. | 82045 |
| Dsgn | BDB | Lunda No. | 18805900 |
| Chkd | - | Sheet | 2 OF 2 |
| Date | 11/19/2015 | | |