



Commander (dpb)  
First Coast Guard District  
1 South Street  
Battery Park Building  
New York, NY 10004-1466

March 26, 2020

## PUBLIC NOTICE (1-178)

**Subject:** PROPOSED REPLACEMENT OF MADAWASKA INTERNATIONAL BRIDGE (#2399) ACROSS ST. JOHN RIVER BETWEEN THE TOWNS OF MADAWASKA, AROOSTOOK COUNTY, MAINE AND EDMUNDSTON, PROVINCE OF NEW BRUNSWICK, CANADA

All interested parties are notified that the Commander, First Coast Guard District, has received an application from the Maine Department of Transportation for approval of the location and plans for the replacement of a fixed highway bridge over a waterway between Canada and the United States.

**WATERWAY AND LOCATION:** St. John River, 232 miles above the mouth of the waterway, between Madawaska, Aroostook County, Maine and the City of Edmundston, Province of New Brunswick, Canada.

**CHARACTER OF WORK:** Replace the existing Madawaska International Highway Bridge (#2399) on a diagonal alignment approximately 50 feet west of the existing bridge abutment in Edmundston and approximately 1,400 feet west of the existing bridge abutment in Madawaska. The bridge construction and demolition will be completed from temporary work trestles which will almost span the entire waterway. The existing bridge superstructure, abutments, and temporary trestles will be removed in their entirety and in water piers will be removed to below the mudline. A bridge protection system and bridge lighting will not be required on the new bridge as navigation is minimal on the waterway. The piers will meet AASHTO design standards.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

|  | Existing          | Proposed            |
|--|-------------------|---------------------|
| Horizontal (normal to axis of the channel) | 228 feet (69.49m) | 212.7 feet (64.83m) |
| Vertical<br>(above OHW)                    | 34 feet (10.36m)  | 59 feet (17.98m)    |
| Vertical<br>(above OLW)                    | 38 feet (11.58)   | 63 feet (19.20m)    |

### **ENVIRONMENTAL CONSIDERATION:**

The General Services Administration (GSA) and Federal Highway Administration (FHWA) are the lead Federal agencies under the National Environmental Policy Act (NEPA) and acts on behalf of the U.S. Coast Guard for all environmental control laws. The GSA and FHWA completed a Final Supplemental Environmental Impact Statement dated August, 2019 and a

Record of Decision dated February 13, 2020. Environmental documents can be reviewed at the below link.

<https://www.maine.gov/mdot/projects/madawaska/internationalbrg/>

The Coast Guard concurs with the GSA and FHWA determination that the proposed action will not have a significant impact for the purposes of the National Environmental Policy Act and that a Record of Decision ROD was completed. A Water Quality Certification from the Maine Department of Environmental Protection in accordance with Section 401 of the Clean Water Act, as amended, certifying that reasonable assurance has been furnished that the project will be conducted in compliance with water quality standards of Maine has been applied for. The applicant has made a determination that the project is consistent with the State of Maine's coastal management program. The State of Maine has yet to concur on WQC determinations and is expected in May of 2020.

The project is not considered an encroachment on the 100-year floodplain. The 100-year flood elevation is Elevation +468.8 and lowest steel member is elevation +504.9 (NAVD 1988).

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 need for bridge protective systems, extent of nighttime navigation, and need for bridge lighting. 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 GSA and FHWA for appropriate handling.

Interested parties are requested to express their views, in writing, on the proposed bridge 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 the Office of the Commander (dpb), First Coast Guard District, 1 South Street, Battery Park Building, New York, NY 10004-1466 through April 27, 2020. These comments will be public information and made part of the case record.

Map of location and plans attached.

FOR THE DISTRICT COMMANDER

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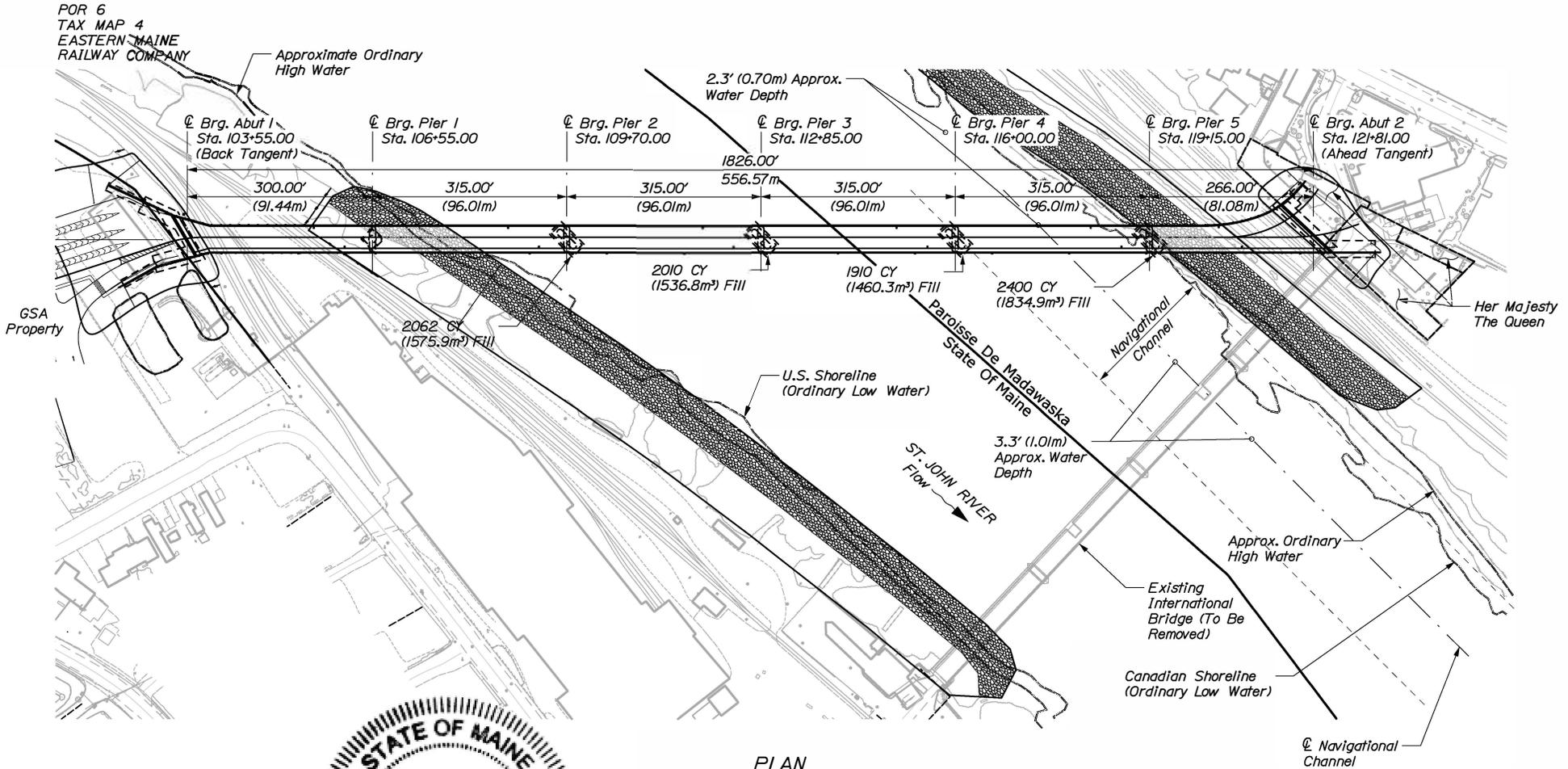
C. J. Bisignano  
Supervisory Bridge Management Specialist  
U.S. Coast Guard  
By direction

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.

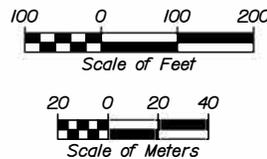


**NOTES:**

1. Conceptual plans utilized to obtain Coast Guard bridge permit.
2. No bridge protection system is required and the piers meet AASHTO standards.
3. The U.S. Coast Guard is not responsible for approving fill and riprap locations and quantities.



**PLAN**



Datum: NAVD88

February 21, 2020



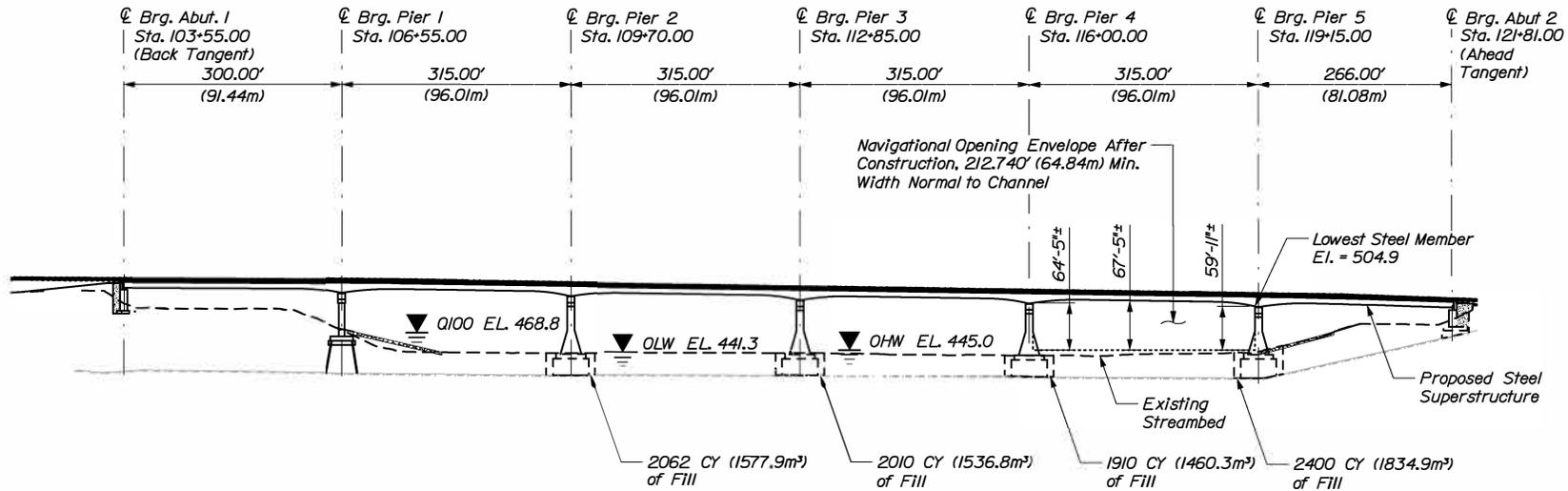
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| STATE OF MAINE<br>DEPARTMENT OF TRANSPORTATION  | BRIDGE NO. 2399 | WIN<br>021736.00 | BRIDGE PLANS |
| ST. JOHN RIVER, MILE POINT 232.0 BETWEEN MADAWASKA, ME.<br>AROSTOOK COUNTY AND EDMUNDSTON,<br>MADAWASKA COUNTY, NEW BRUNSWICK, CANADA |                 |                  |              |

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| MADAWASKA-EDMUNDSTON<br>INTERNATIONAL BRIDGE |
| BRIDGE PLAN                                  |

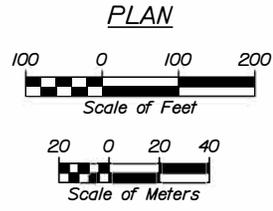
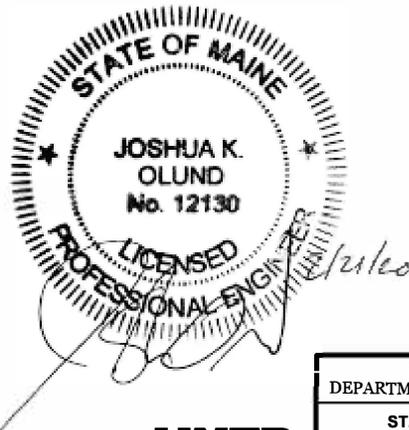
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| 2            |
| OF 6         |

**NOTES:**

1. Conceptual plans utilized to obtain Coast Guard bridge permit.
2. Q100 = 100 year flood elevation.
3. The U.S. Coast Guard is not responsible for approving fill and riprap locations and quantities.



(Elevation View is shown perpendicular to the structure and approximately 45° to the channel)



February 21, 2020



|   |                 |                  |              |
|---|-----------------|------------------|--------------|
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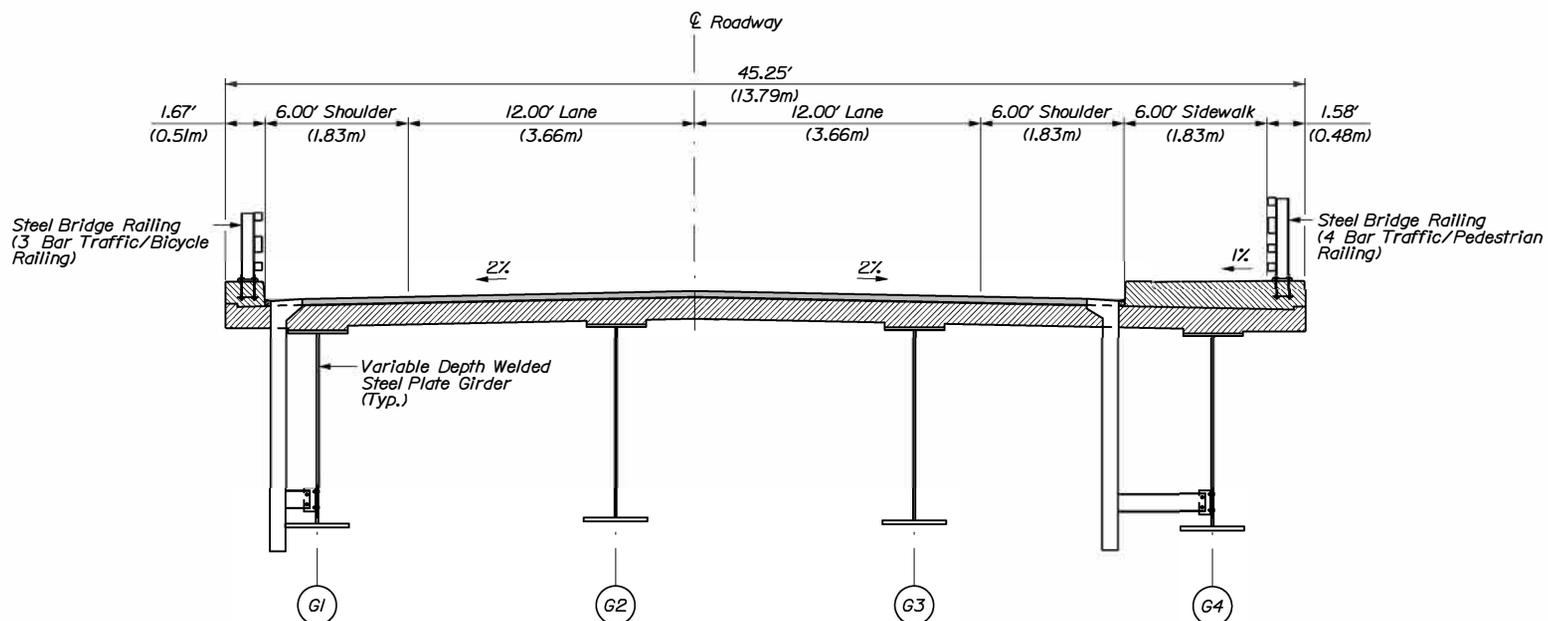
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| MADAWASKA-EDMUNDSTON<br>INTERNATIONAL BRIDGE |
| BRIDGE ELEVATION                             |

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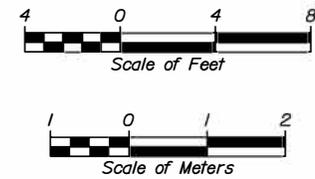
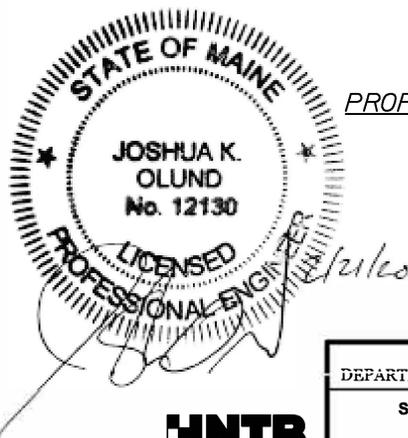
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**3**  
OF 6

**NOTES:**

1. Conceptual plans utilized to obtain Coast Guard bridge permit.



PROPOSED BRIDGE SECTION



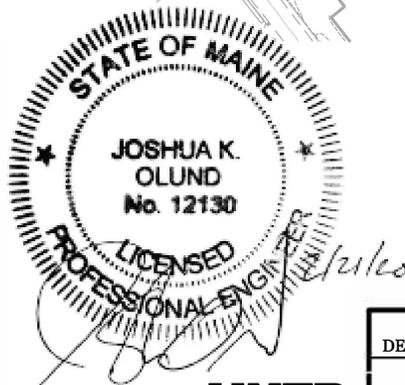
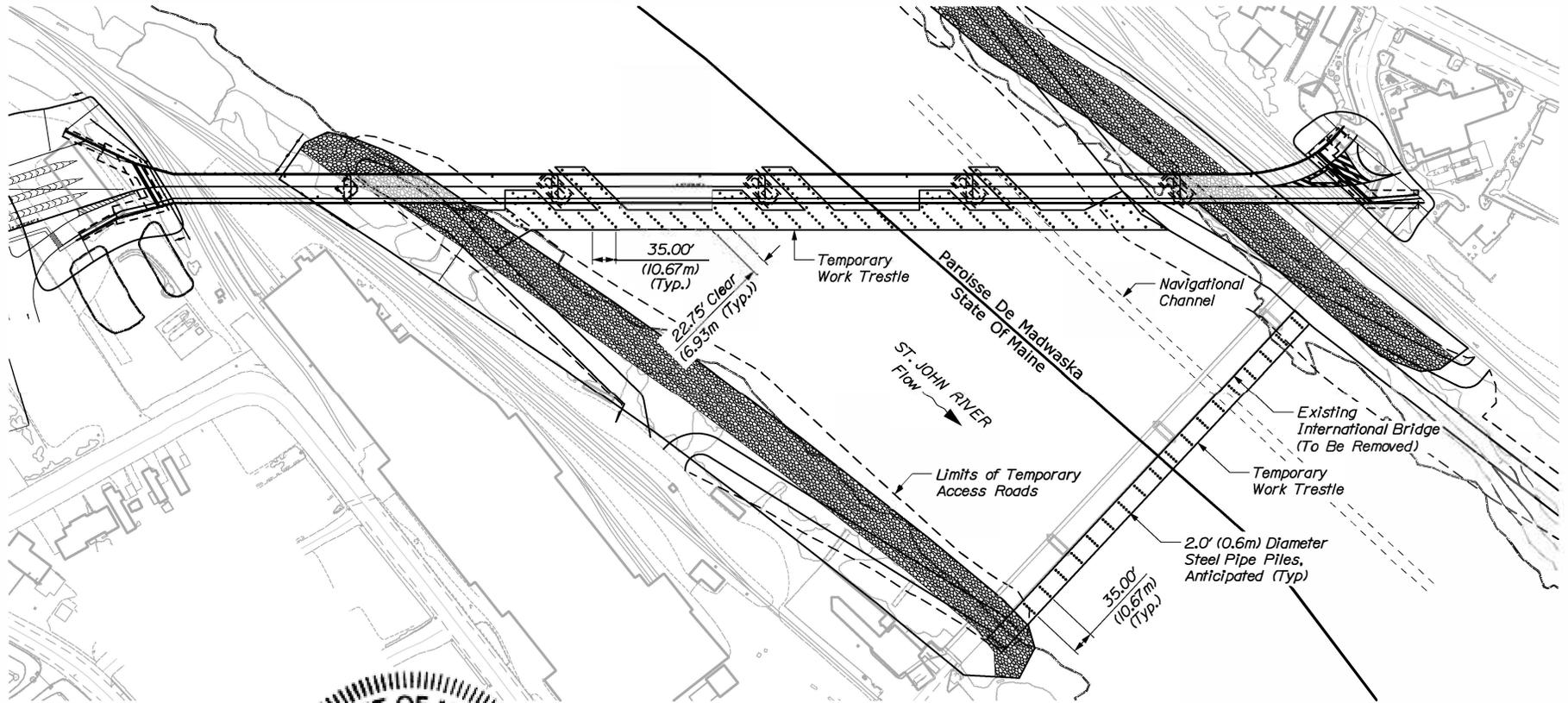
February 21, 2020



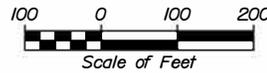
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| STATE OF MAINE<br>DEPARTMENT OF TRANSPORTATION   | BRIDGE NO. 2399 | WIN<br>021736.00 | BRIDGE PLANS | MADAWASKA-EDMUNDSTON<br>INTERNATIONAL BRIDGE | SHEET NUMBER |
| ST. JOHN RIVER, MILE POINT 232.0 BETWEEN MADAWASKA, ME.<br>ARROSTOOK COUNTY AND EDMUNDSTON,<br>MADAWASKA COUNTY, NEW BRUNSWICK, CANADA |                 |                  |              | TYPICAL SECTIONS                             | 4<br>OF 6    |

**NOTES:**

1. Conceptual plans utilized for informational use only.



PLAN



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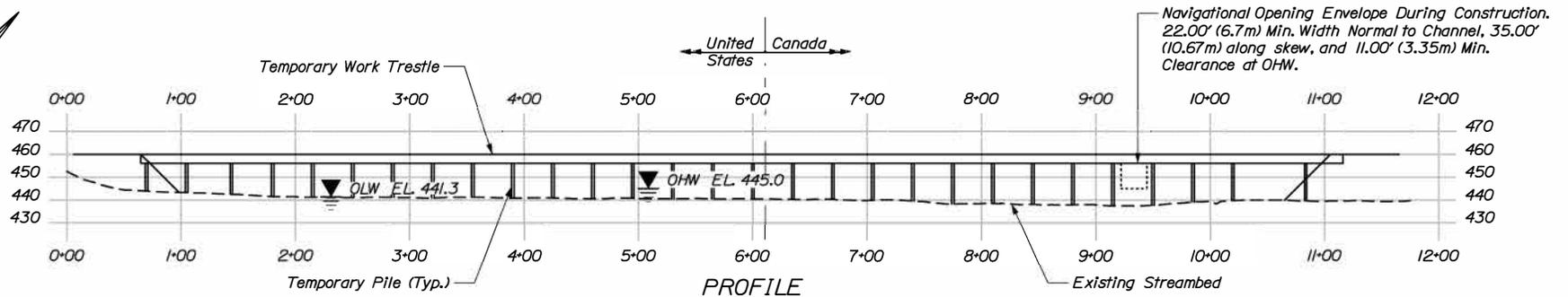
February 21, 2020



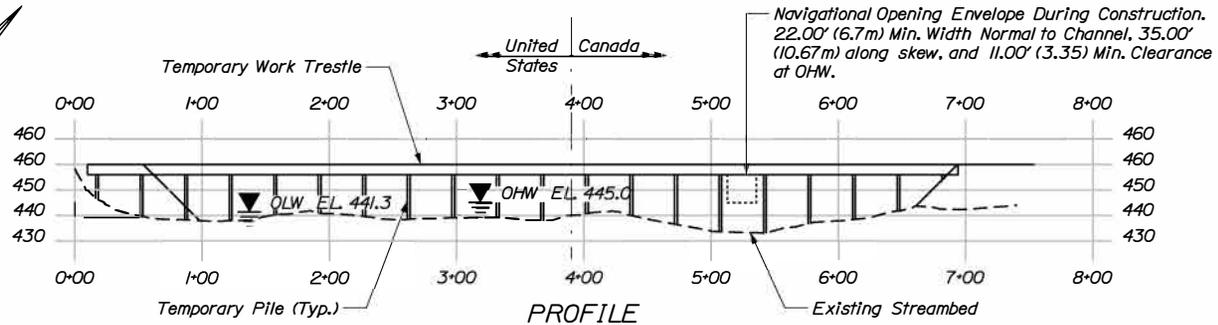
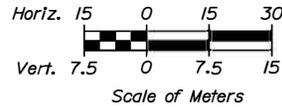
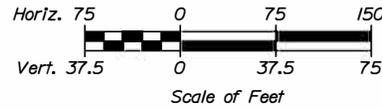
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| MADAWASKA-EDMUNDSTON<br>INTERNATIONAL BRIDGE |
| TEMPORARY TRESTLE PLAN                       |

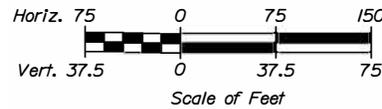
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| OF 6         |



**ELEVATION**  
**TEMPORARY TRESTLE AT PROPOSED BRIDGE**



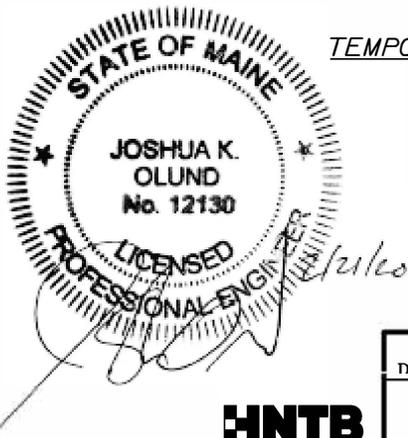
**ELEVATION**  
**TEMPORARY TRESTLE AT EXISTING BRIDGE**



February 21, 2020

**NOTES:**

1. Conceptual plans utilized for informational use only.
2. Temporary structures will not be on the waterway at the same time.



|   |                 |                  |              |  |              |
|---|-----------------|------------------|--------------|--|--------------|
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| ST. JOHN RIVER, MILE POINT 232.0 BETWEEN MADAWASKA, ME.<br>AROSTOOK COUNTY AND EDMUNDSTON,<br>MADAWASKA COUNTY, NEW BRUNSWICK, CANADA |                 |                  |              | TEMPORARY STRUCTURES<br>PROFILES             | 6<br>OF 6    |