Information for File # 2014-03649-LED

Applicant	**Enbridge Energy, Limited Partnership**
Corps Contact	Leslie E. Day
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Phone	218-720-5291 Ext 35403
Primary County	Saint Louis County
Section	6
Township	48N
Range	17W
Information Complete On	**October 14, 2014**
Posting Expires On	**November 15, 2014**
Authorization Type	LOP-10-FDL

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination 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. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. At the request of the applicant, an approved jurisdictional determination could be made prior to reaching a permit decision, and would be posted on the St. Paul District web page at http://www.mvp.usace.army.mil/.

PROJECT PURPOSE:
Enbridge Energy Limited Partnership (Enbridge) is proposing to perform pipeline maintenance within the exterior boundaries of the Fond du Lac Band of Lake Superior Chippewa Reservation located on Line 1 at Milepost 1071.1430. This work is needed to conduct inspections and complete repairs of pipeline anomalies identified through the Enbridge Internal Inspection Program.

PROJECT DESCRIPTION:
Access to the repair location would be from the County Road 210, traveling south utilizing a private driveway and trail to the Enbridge right-of-way (ROW), and then proceeding northwest along the ROW to the maintenance site. Timber mats would be used as necessary to prevent rutting, compaction and mixing of soil layers where the use of frost roads is not feasible.

The area around the pipeline would be excavated, visually and physically inspected and repaired as needed. The area excavated will be approximately 30 to 40 feet wide, 60 to 80 feet long and 10 feet deep. Use of a back hoe or similar excavator and trucks for transportation would be required. Temporary rock fill may be placed in the bottom of the excavation site to create a work surface. A physical barrier would be placed below the rock to keep it separate from the native soils. This temporary fill would be removed prior to site restoration which will commence immediately after completion of the repair work. The trench would be backfilled using excavated native soils.

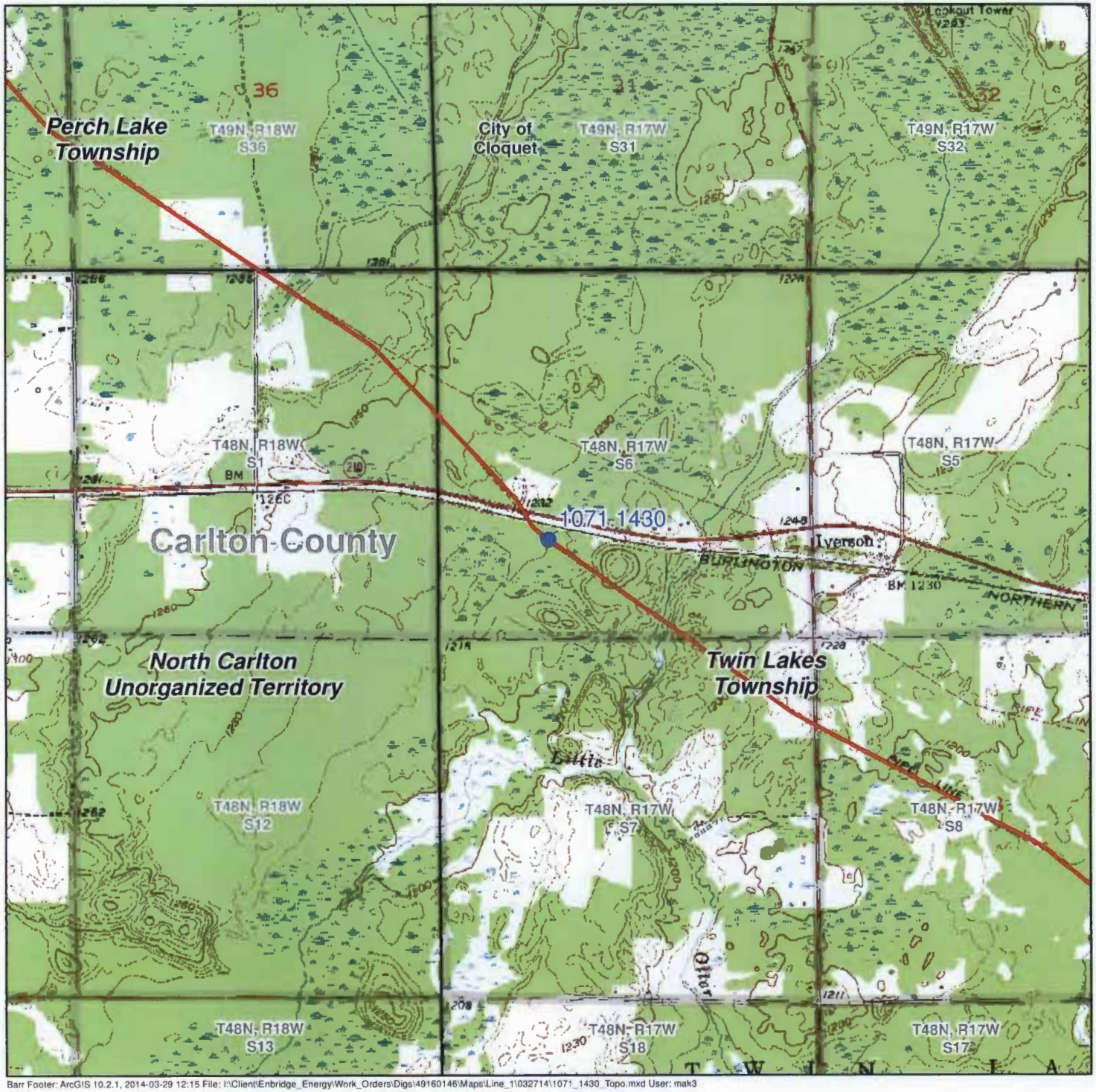
Enbridge anticipates that dewatering activities using pumps will be necessary at the maintenance location. Dewatering activities would be directed to a filtration sediment bag placed inside a geotextile lined straw bale dewatering structure. The dewatering structure would be located within the wetland due to the size of the wetland complex.

A defined flowing channel was identified within the access corridor during wetland delineation completed for the project. Enbridge will construct a temporary clear span bridge over the channel made of timber mats to eliminate the need to place fill in the channel.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS:
The project would result in a total temporary disturbance of 37,200 square feet (0.925 acres) of fresh meadow and shallow fresh marsh wetlands adjacent to an unnamed tributary to Otter Creek. The work for this project would include a temporary clear span bridge of timber mats to cross the unnamed tributary. Wooden swamp mat ramps would be used as ramps on the sides of the bridge, and the lowest beam of the bridge would be at or above the top of the stream. No fill would be used to construct the bridge and no work will extend into the water body. The project would include the construction of a16-foot-wide by 750-foot-long access route through wetlands. The construction of the temporary bridge and access route would account for 12,000 square feet of the total wetland impacts. The temporary stockpiling of timber mats and construction of staging areas, would account for 25,000 square feet of the total temporary wetland impacts. The work for this project would also include the excavation and temporary stockpiling of excavated material from a 40-foot-wide by 80-foot-long by 10-foot-deep inspection and maintenance area, accounting for 3,200 square feet of the total temporary wetland impacts. Temporary timber mats would be used where necessary to ensure rutting or mixing of wetland soils does not occur. All affected areas, including the approach to the work site, will be restored, seeded, and mulched as necessary to restore the site to pre-construction conditions.

COMPENSATORY MITIGATION:
As no permanent wetland impacts would result from the project, the applicant has proposed that no required compensatory mitigation be required.

DRAWINGS:
See attached.



Maintenance Location

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Drawing 1 of 3

0 2,000 4,000

Feet

1 Inch = 2,000 Feet

EXCAVATION SITE LOCATION

Line 1

Milepost 1071.1430

ENBRIDGE

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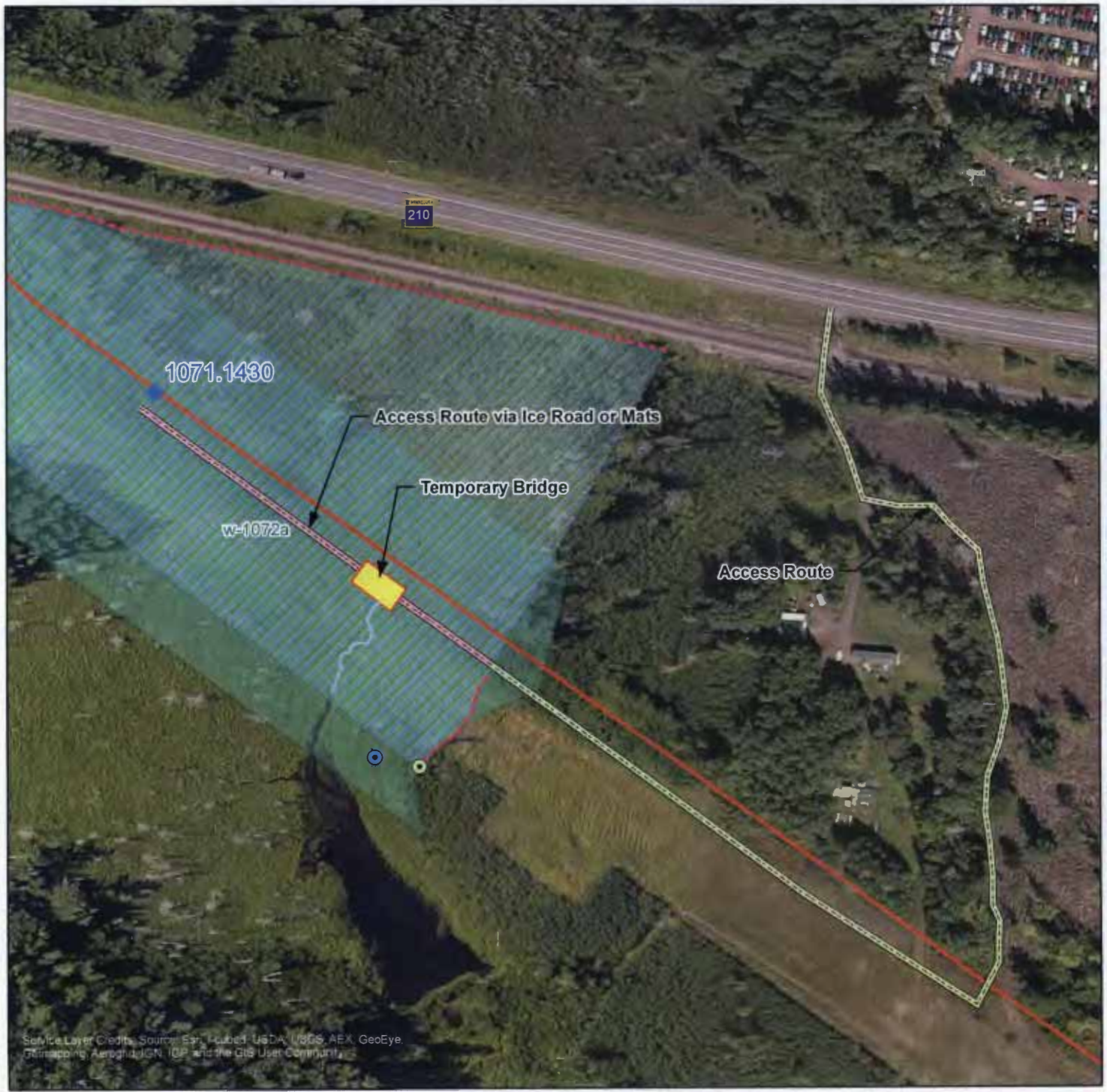

- Maintenance Location
- Access Route via Ice Road or Mats
- Access Route
- Temporary Bridge
- Field Observed Waterbody (2014)
- Field Delineated Wetland Boundary (2014)
- Field Delineated Wetland (2014)
- Upland Delineation Point (2014)
- Wetland Delineation Point (2014)

Surveyed Wetlands (2009)

- PEM *(Palustrine Emergent)*

N

0 200 400

Feet

1 Inch = 200 Feet

Imagery; Esri/Microsoft, 2011

ACCESS ROUTE
Line 1
Milepost 1071.1430

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Drawing 2 of 3

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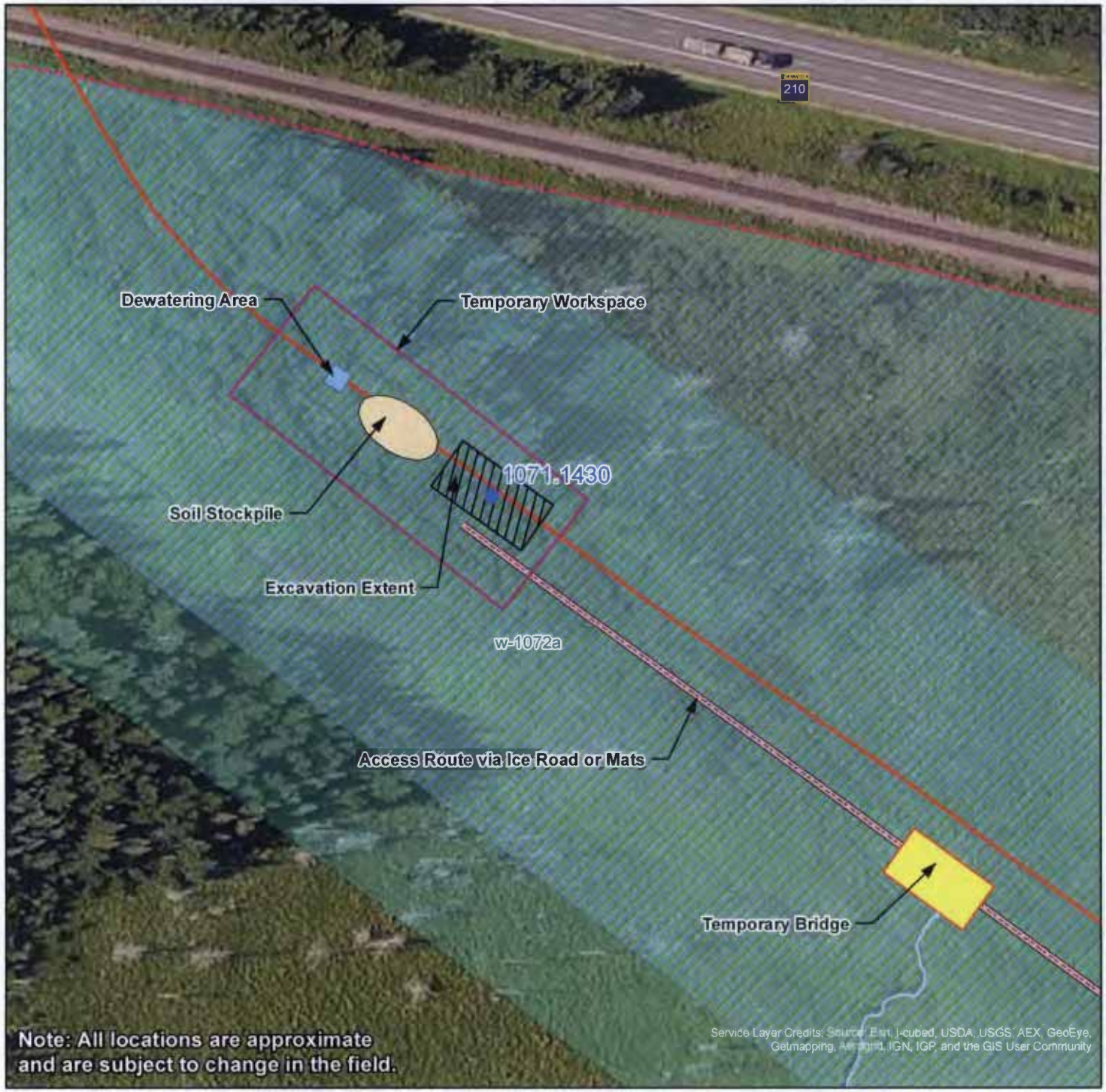

- Maintenance Location
- Access Route via Ice Road or Mats
- Access Route
- Temporary Bridge
- Excavation Extent
- Temporary Workspace
- Dewatering Area
- Soil Stockpile
- Field Delineated Wetland (2014)
- Field Observed Waterbody (2014)
- Field Delineated Wetland Boundary (2014)

Surveyed Wetlands (2009)

- PEM *(Palustrine Emergent)*

N

0 100 200

Feet

1 Inch = 100 Feet

Imagery; Esri/Microsoft, 2011

SITE PLAN
Line 1
Milepost 1071.1430

2014-03649-LED
Drawing 3 of 3

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