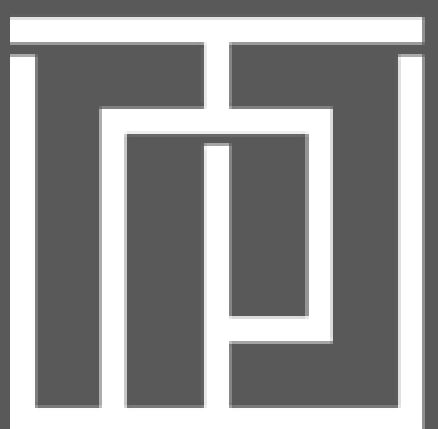




TRANSMISSION
INFRASTRUCTURE
PARTNERSHIPS

TIP-1
Transmission Line
Project

Public Information
Session
November 15, 2023



TRANSMISSION
INFRASTRUCTURE
PARTNERSHIPS



ABOUT TIP-1

Transmission Infrastructure Partnerships (TIP) Limited is a partnership between Ameren Corporation and Vires Partners.

TIP has a portfolio of partnership, including TIP-1.

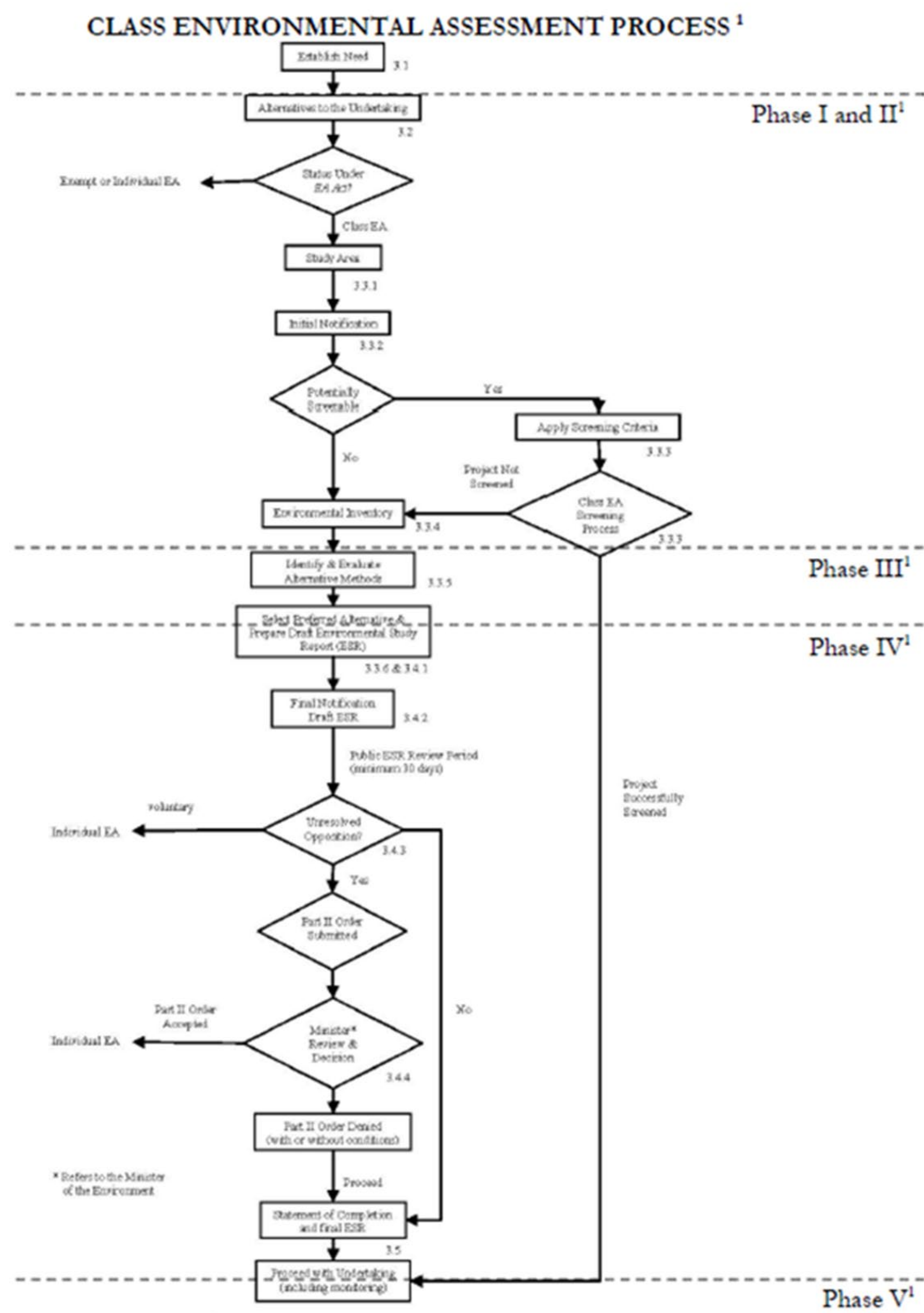
TIP-1 is jointly owned by TIP and Taykwa Tagamou Nation. The Company has an agreement in place with Canada Nickel to support the electrical demand of the planned Crawford Mine Project.





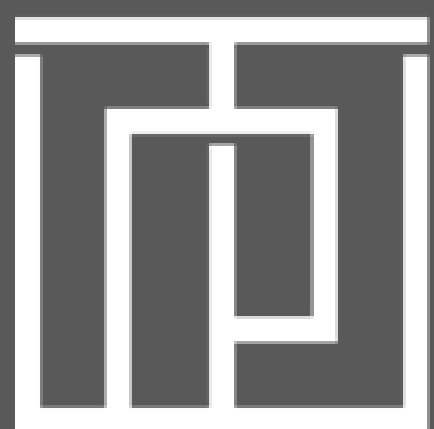
ENVIRONMENTAL ASSESSMENT PROCESS

The Project is subject to a
Class EA for Minor Transmission Facilities
Category B: 230kV less than 50km



Summary of Key Steps

1. Establish Project Need
2. Identify Study Area
3. Notice of Commencement
4. Apply Screening Criteria
5. Environmental Inventory
6. Evaluate Alternatives
7. Final Notice
8. Draft Report
9. Statement of Completion
10. Final Report





NEED FOR THE PROJECT

Indigenous Reconciliation and Resurgence

TIP-1 is committed to ensuring a high degree of First Nations employment, contracting, procurement, and involvement in the Project.

Critical Mineral Supply Supporting Electrification and Energy Transition

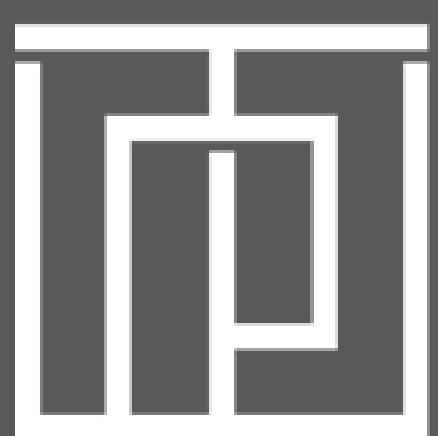
The Project will support the electrification of the planned Crawford Mine, a critical mineral project.

Needed Electricity Infrastructure

There is a need for stronger electricity reliability in northern and Indigenous communities across Northern Ontario.

Sustainable Development of Northern Ontario

TIP-1 will support employment in Northern Ontario and Ontario's transition to a lower carbon economy.





PROJECT DESCRIPTION



Project Components

Site Preparation: tree clearing will take place to create a 50m right of way

Access Roads: temporary roads may be required in the northern portion of the transmission line

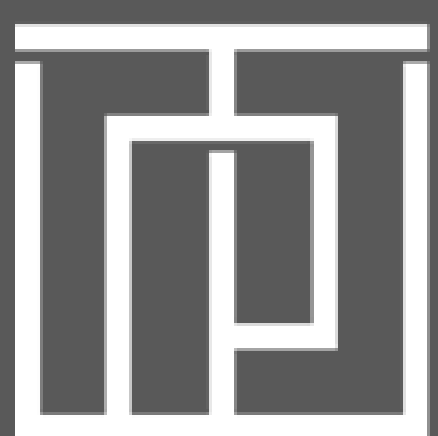
Tower Foundations: ground will be leveled and mainly steel grillage with a few reinforced concrete foundations will be installed.

Tower Assembly and Erection: components will be delivered and assembled on site

Clean-up: removal of construction materials and seeding of cleared woodlots

Ongoing Maintenance: periodic patrols and inspections will take place for required repairs and vegetation control. No pesticide use or spraying is planned.

The Project is a 230kV transmission line connecting the Porcupine Substation in Timmins, ON with a planned new switching station 42 km north of Timmins, adjacent to the planned Crawford Mine Project.



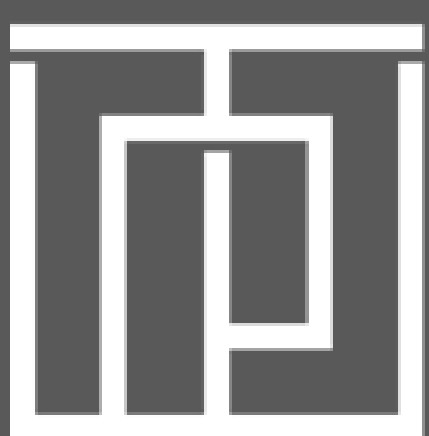


TERRESTRIAL ECOLOGY AND AQUATIC RESOURCES STUDIES



Field work was undertaken within the study area throughout 2021 and 2022 :

- Ecological Land Classification and Vegetation Survey;
- Winter Aerial Survey of ungulates and furbearers;
- Amphibian Call Survey;
- Turtle basking Survey;
- Bird Survey (Breeding birds, Migratory birds, Nocturnal owls, Waterfowl, shorebirds and Marsh birds);
- Bat hibernacula and maternity roost;
- Fish and Fish Habitat.

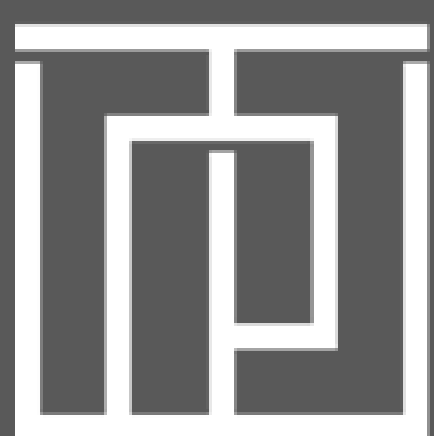
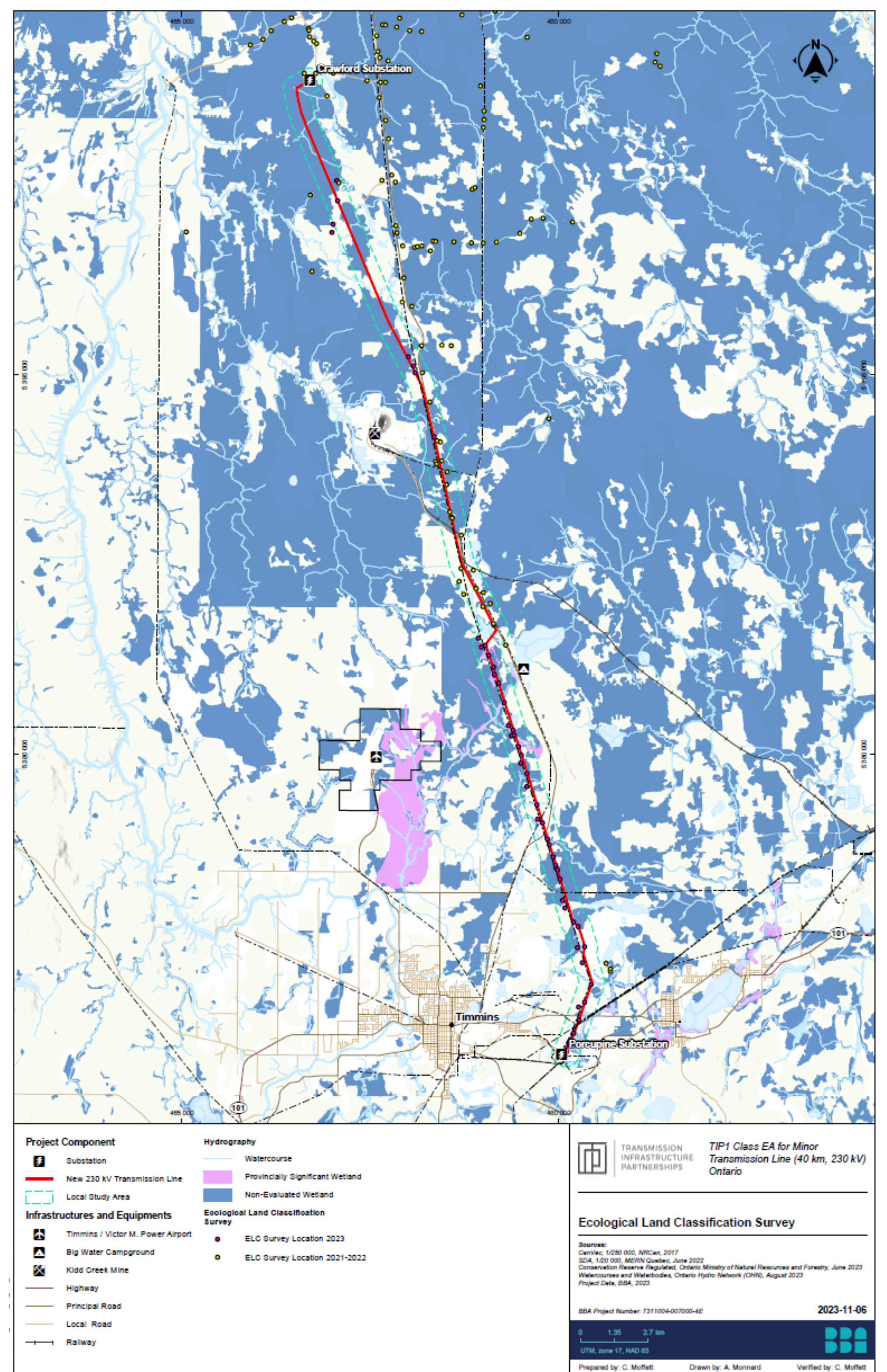




TERRESTRIAL ECOLOGY AND AQUATIC RESOURCES STUDIES

Additional surveys were completed within the study area in 2023:

- Ecological Land Classification and Vegetation Surveys;
- Aquatic Habitat Characterization;
- Shorebird Surveys (Lesser Yellowlegs);
- Breeding Bird Point Counts;
- Bat Habitat Assessment (Maternity Roost);
- Bat Autonomous Recording Units Deployment (Maternity Roost And Candidate Hibernacula);
- Blanding's Turtle Habitat Assessments;
- Owl Call-playbacks (Short-eared Owl);
- Small Mammal Trapping.





ARCHAEOLOGY

A Stage 1 background assessment was undertaken in Summer 2023

- No registered sites exist within 3km of the proposed transmission line
- Twelve areas were considered to have archaeological potential
- A field inspection using a drone was undertaken to confirm potential
- Some areas were omitted based on saturated soils

- Areas of archaeological potential include
 - Ancient water sources (Lake Ojibway);
 - Existing shorelines;
 - A portage; and
 - A historic wagon road.

- All archeological sites will be avoided wherever possible

A Stage 2 field study will take place in Spring 2024, if required

- These studies will confirm presence of archaeological sites through test pits
- The Project will avoid shorelines for routing of the transmission line and siting of poles

Stage 1

- Identifies areas of potential

Stage 2

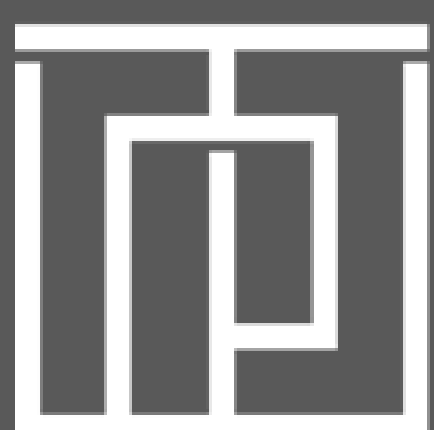
- Investigates areas of potential

Stage 3

- Determines extent of an archaeological site

Stage 4

- Determines mitigation measures for the identified site





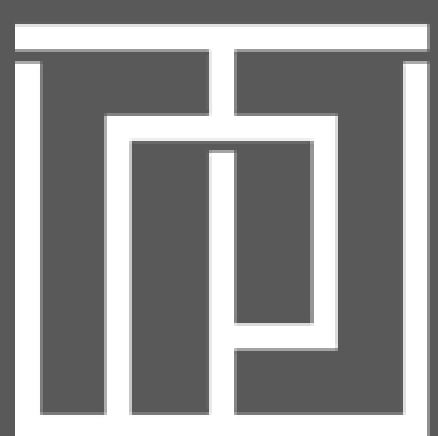
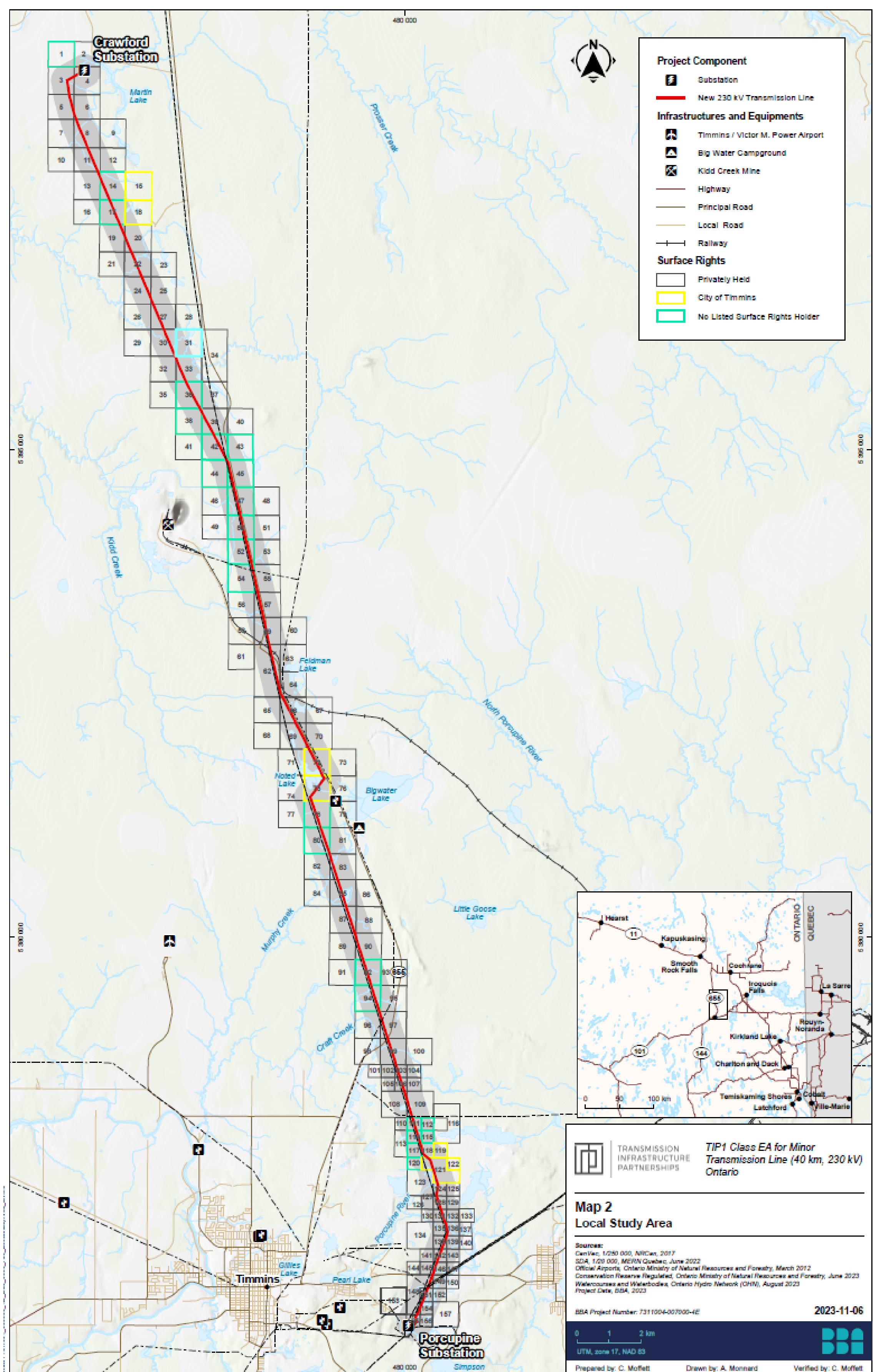
PROPOSED ALIGNMENT

The study area is 1km wide and 42km long.

The proposed alignment runs east of Highway 655 and the existing power line for the first 25km, then travels west for approximately 17km.

Siting of the transmission line towers has not been finalized, but will not require work in water.

The alignment will be optimized to avoid archaeological sites and significant wildlife habitat.





PROJECT ALTERNATIVES

Base Case:

42km line running north from
Porcupine Station
25km is along existing ROW

Alternative 1 Eastern Option:

80 km following an existing
transmission line to the east.

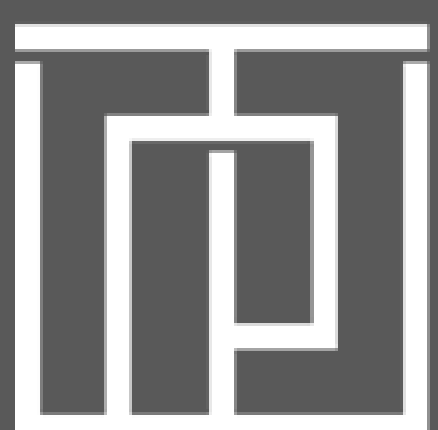
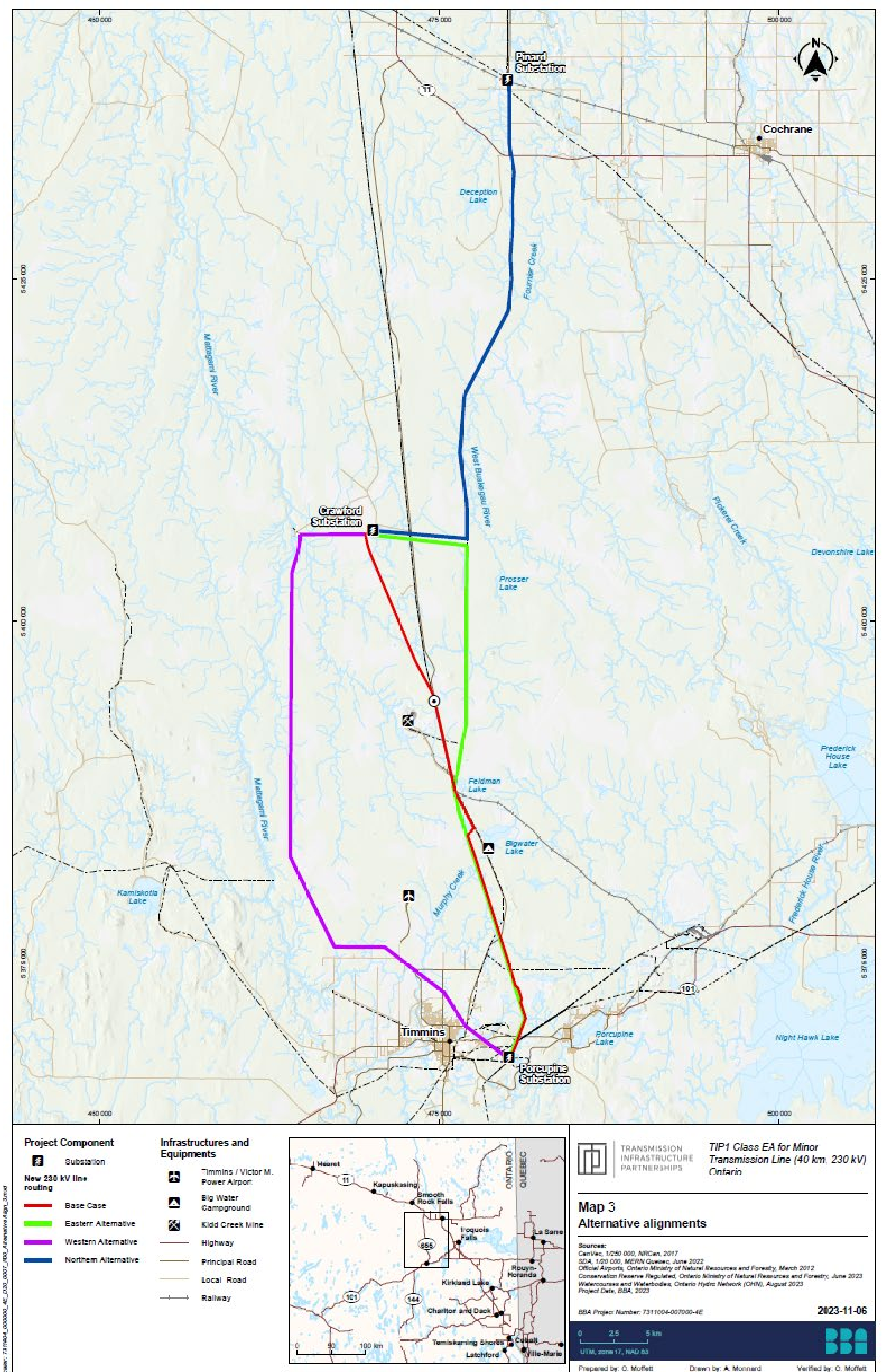
Alternative 2 Western Option:

+60km running east of
Mattagami River

Alternative 3 Northern Option:

+100km line running south
from Pinard Station

Alternative Methods of meeting
the Project Need include diesel
generators, on site solar or wind
power generation, natural gas
trucked or piped to site





PROJECT SCHEDULE

The Class EA officially began in November 2023. The coming months will include an assessment of potential effects which will be published in a Draft Environmental Study Report planned to be complete in February 2024.

Additional field work and consultation will be undertaken to finalize the report, with a planned completion date of September 2024.

Permitting Activity	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
Baseline Field Work (biology)	█													
Baseline Desktop Studies	█	█	█											
Archeology Stage 1	█													
Archeology Stage 2			█											
Archeological Clearance				█	█	█	█							
Baseline Reporting		█	█										█	
Draft Environmental Screening Report							█							
Final Environmental Screening Report/ Statement of Completion														█
Stakeholder Identification	█	█												
Pre-Consultation with Regulators	█	█												
Pre-Consultation with First Nations		█												
Notice of Commencement			█											
Public Information Session 1				█										
Public Information Session 2				█				█						
First Nations Community Event 1				█				█						
First Nations Community Event 2				█				█						
Project Description (Base Case)				█										
Environmental Screening	█	█												
Identification of Alternatives		█	█											
Identification of Criteria and Indicators			█	█										
Assessment of Potential Effects				█	█	█								
Identification of Mitigation Measures				█	█	█		█	█					
Additional permits														
Land Tenure and Work Permit (MNRF)														
Forest Resource License (MNRF)														
Highway Encroachment (Ministry of Transportation)														
Aeronautical obstruction clearance (Transport Canada)														
Ontario Energy Board Leave to Construct														

