6904/6905 Transmission Line Rebuild Project

AMERICAN TRANSMISSION COMPANY®
THE ENERGY ACCESS COMPANY

jz environmental consultants inc.

M. J. ELECTRIC
A QUANTA SERVICES COMPANY

Stantec

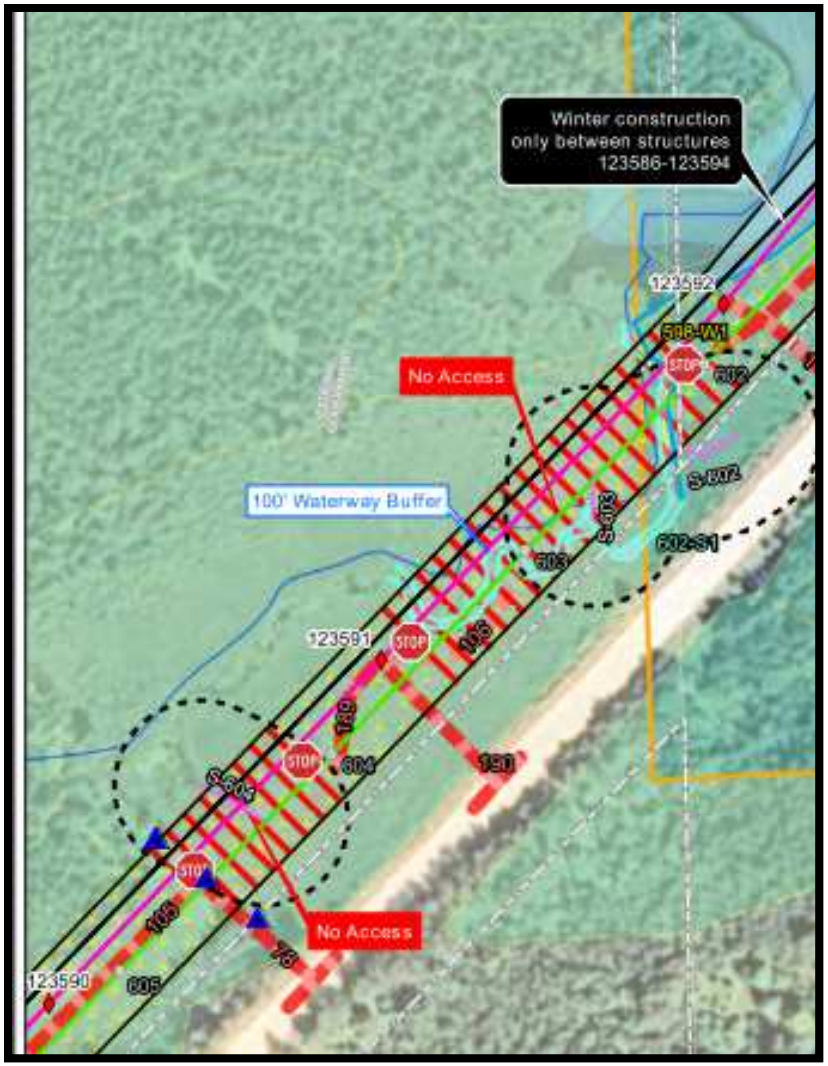
Hine's emerald dragonfly

Somatochlora hineana

- Aquatic egg, aquatic larvae, terrestrial adult
- Aquatic stage may last 2-4 years
- Grass dominated wetlands which contain seeps or slow moving rivulets

Hine's emerald dragonfly

Somatochlora hineana



Hine's emerald dragonfly

Somatochlora hineana

Larval habitat, streamlets-avoided or spanned

100' buffers-avoided, ice road or matted

Winter work only in wetlands with known habitat. No construction during non-frozen conditions.

Ice Roads

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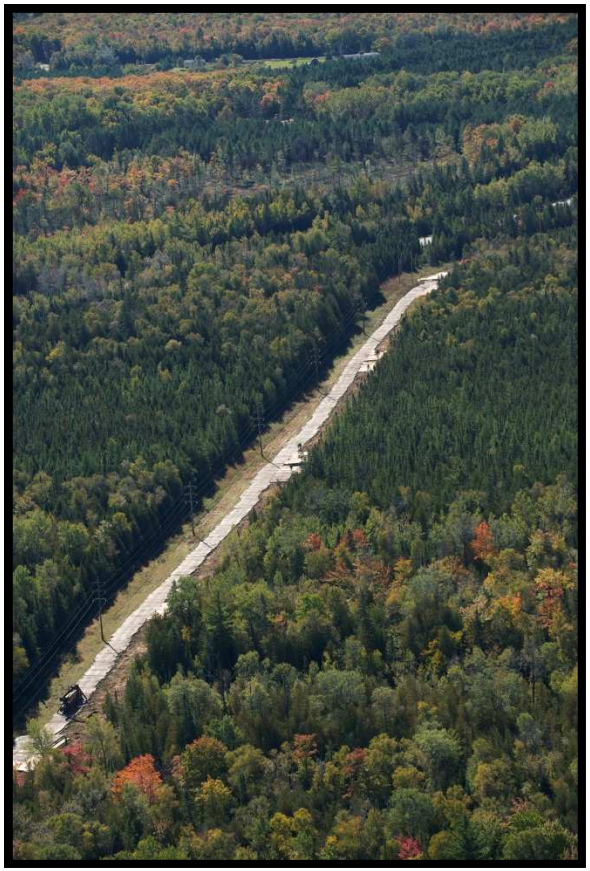
Ice Roads

Before

After

Construction Matting



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Houghton's goldenrod

Solidago houghtonii

Other Protected Species

- Pine-drops (*Pterospora andromedea*)
- Limestone oak fern (*Gymnocarpium robertianum*)

Waterways

- 28 temporary clear span bridges (TCSB's)

Recycling

Wood

Material crates and pallets

Old poles

Old wood reels

Old cross-arms and bracing

Junk mats

Recycling

<u>Metal/Glass</u>

Copper wire

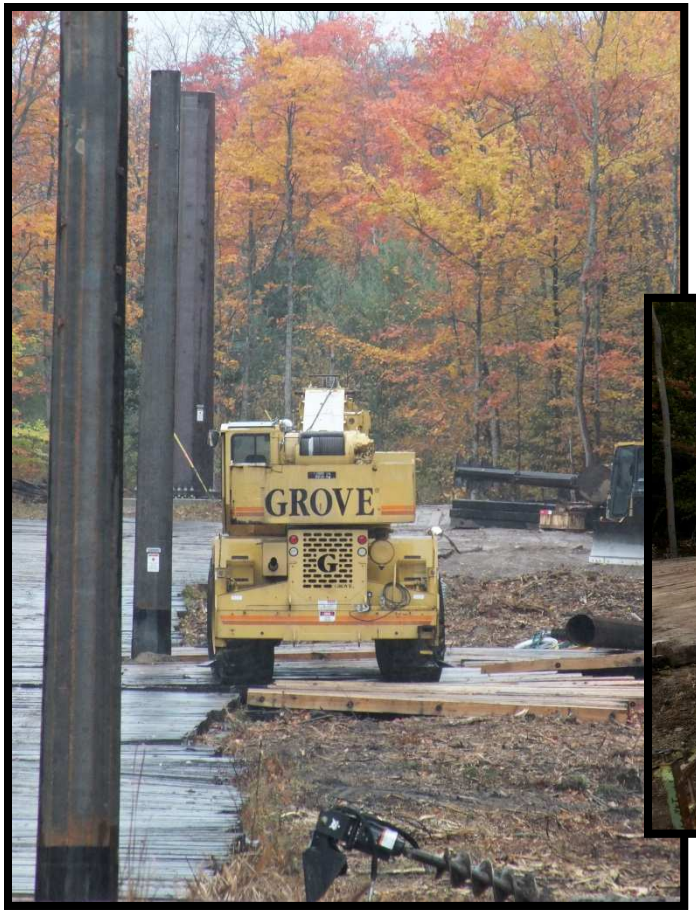
ACSR wire

Old insulators

Misc metal hardware

Recycling

Other

Drink containers (water bottles, pop cans, etc.)

Questions?