



Northumberland Radio Tower Project

Project Update

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Overview

- ▶ Project Scope
- ▶ Items not in scope
- ▶ Budget Update
- ▶ Work completed to date
- ▶ Milestones and schedule update
- ▶ Challenges and risks

Scope of Work

- ▶ Procurement of all radio equipment, materials and consumables
- ▶ Installation and configuration of all equipment and components needed for the new radio system
- ▶ Tower installation of new antennas and feed lines required for the new radio system
- ▶ Decommissioning and removal of existing county radio tower

Items Out of Scope

- ▶ Any work associated with operations (i.e. dispatch services, handheld radios, etc.)



Approved Project Budget

Description	Amount
Submitted Project Cost (BearCom)	\$472,950.92
Service Parts (for on-going maintenance/repair)	\$19,720.22
TOTAL SUBMITTED COST	\$492,671.14
Non-recoverable HST	\$8,671.01
TOTAL SUBMITTED COST (incl. HST)	\$501,342.15
Project Contingency (5%)	\$25,000
TOTAL PROJECT COST	\$526,342.15

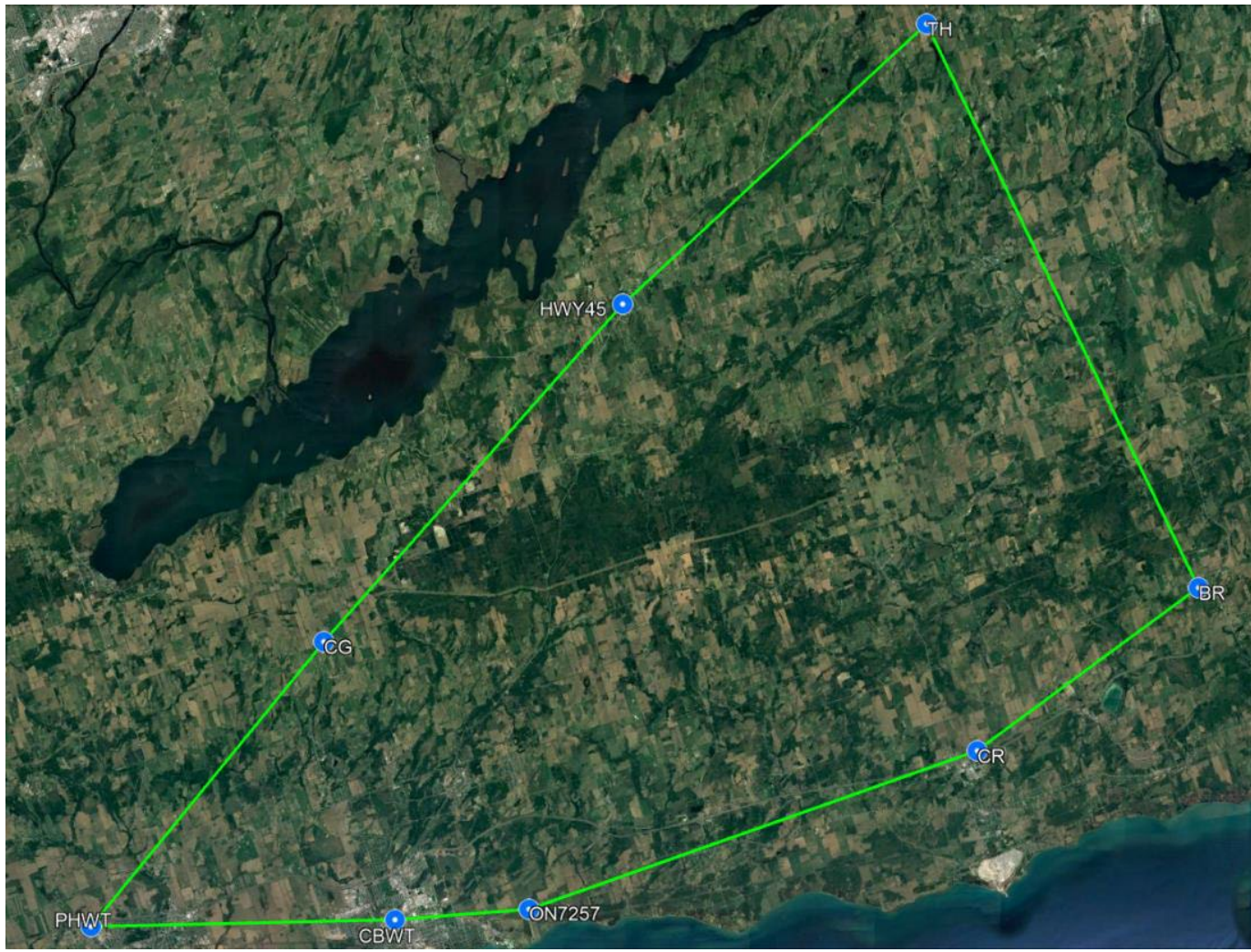
- ▶ Amount billed to date \$253,316
 - ▶ Milestone 1 - 50% of fee when equipment is received: \$250,671
 - ▶ Change Order 1 – Osprey nest: \$2,646

Contingency

- ▶ Alderville Tower
 - ▶ Change Order 1: Removal and relocation of osprey nest - \$2,646
 - ▶ Change Order 2: Extension of fence around equipment - \$7,000
- ▶ Total cost of changes: \$9,646
- ▶ Contingency remaining: \$15,354



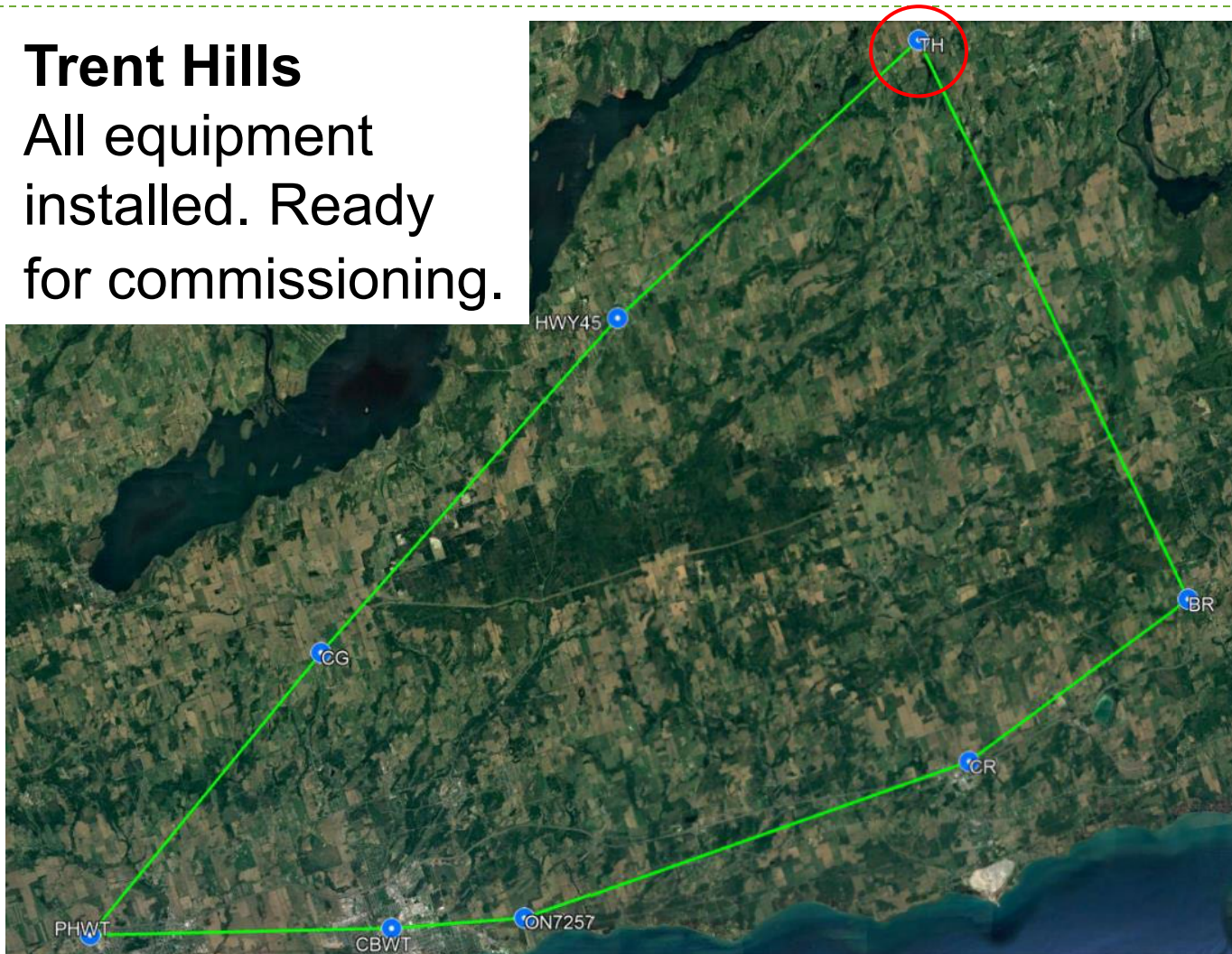
Tower Locations



Trent Hills Tower

Trent Hills

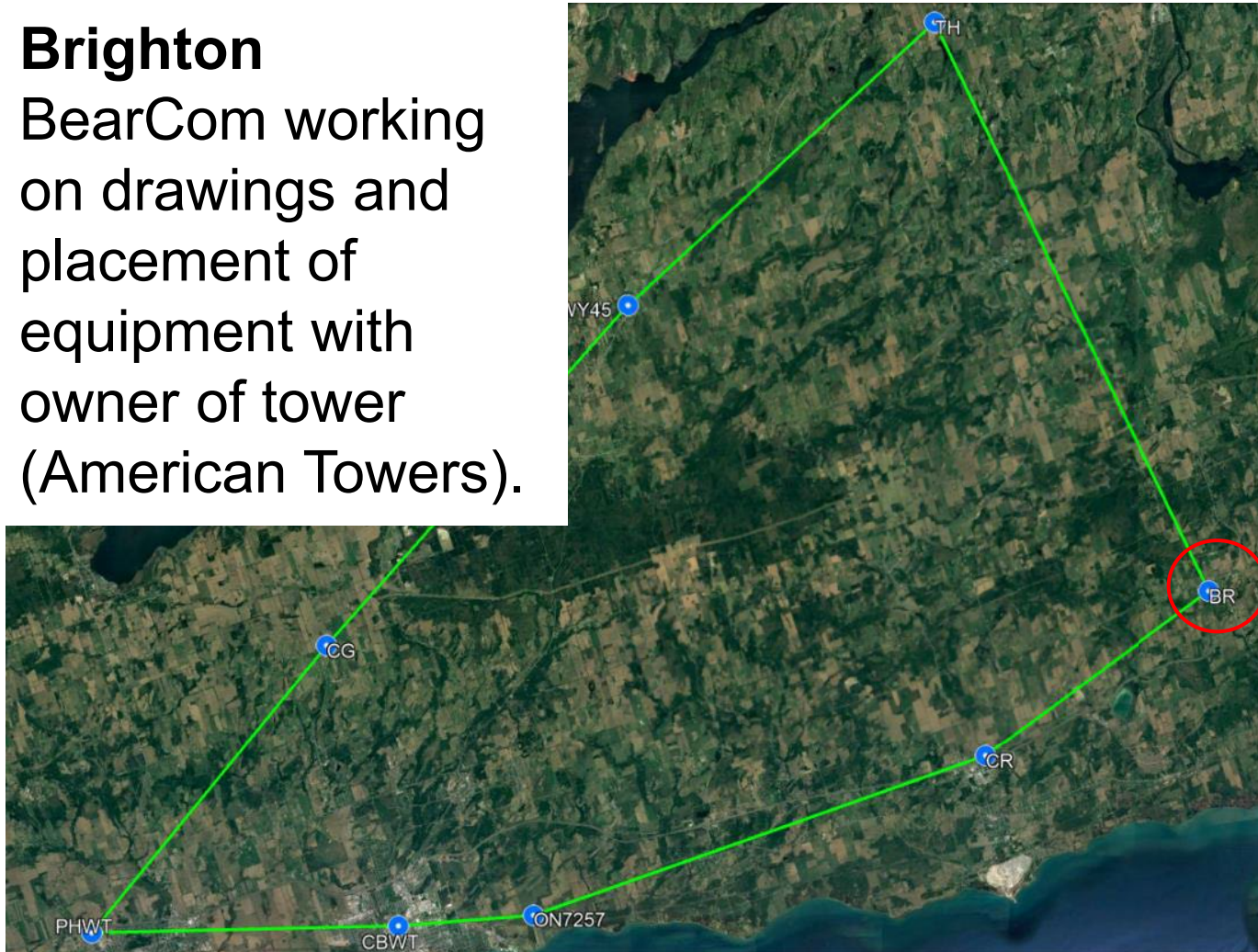
All equipment installed. Ready for commissioning.



Brighton Tower

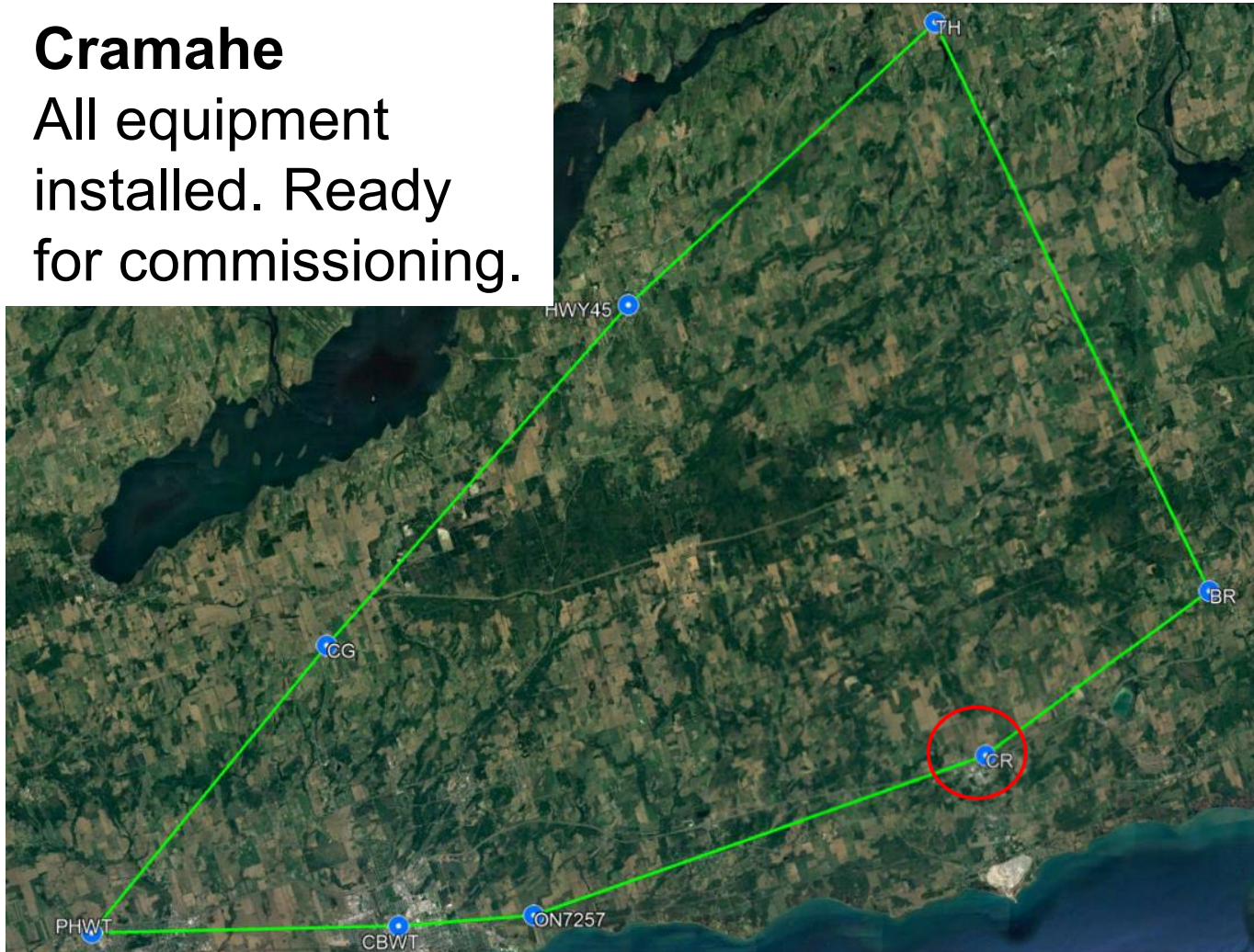
Brighton

BearCom working on drawings and placement of equipment with owner of tower (American Towers).



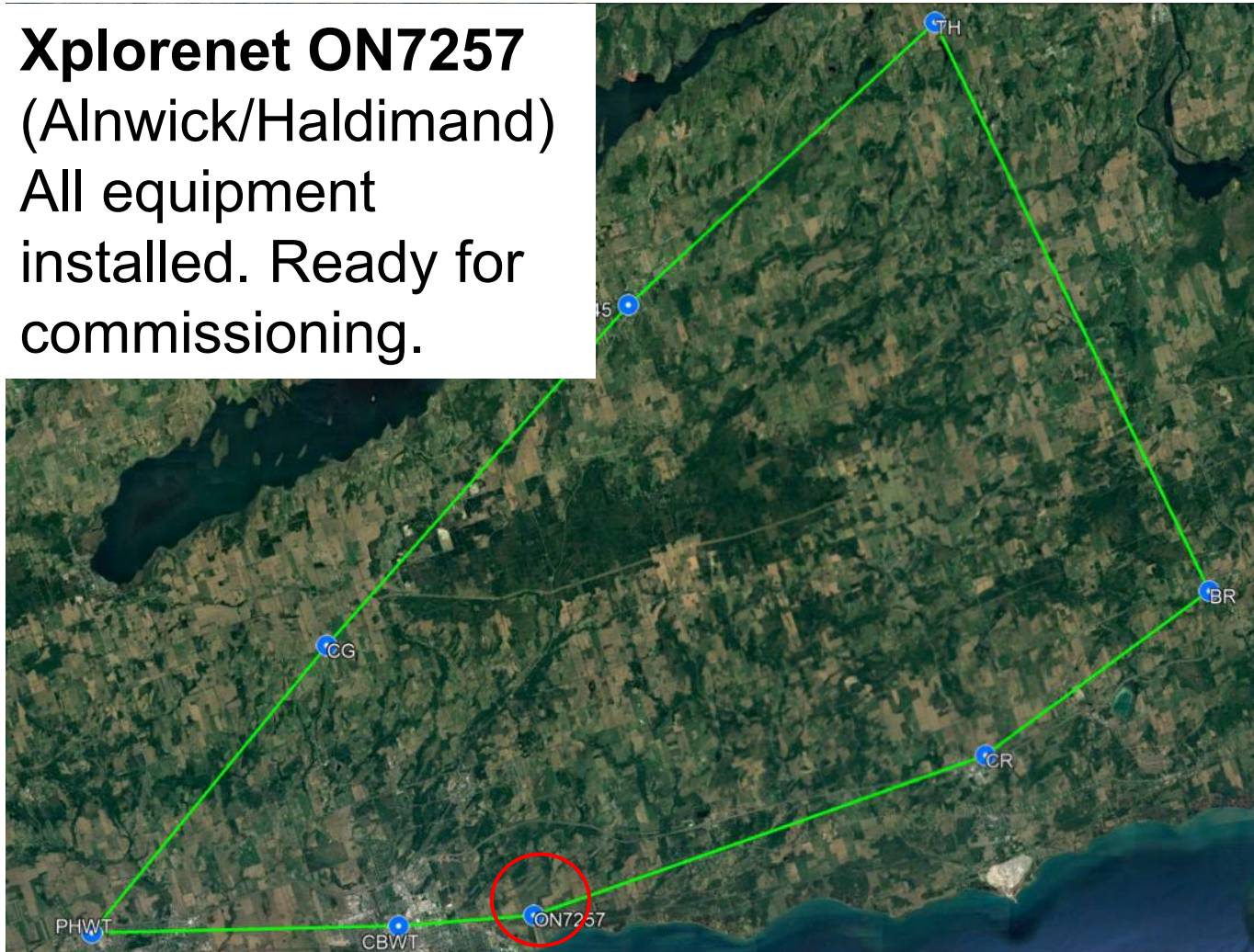
Cramahe Tower

Cramahe
All equipment
installed. Ready
for commissioning.



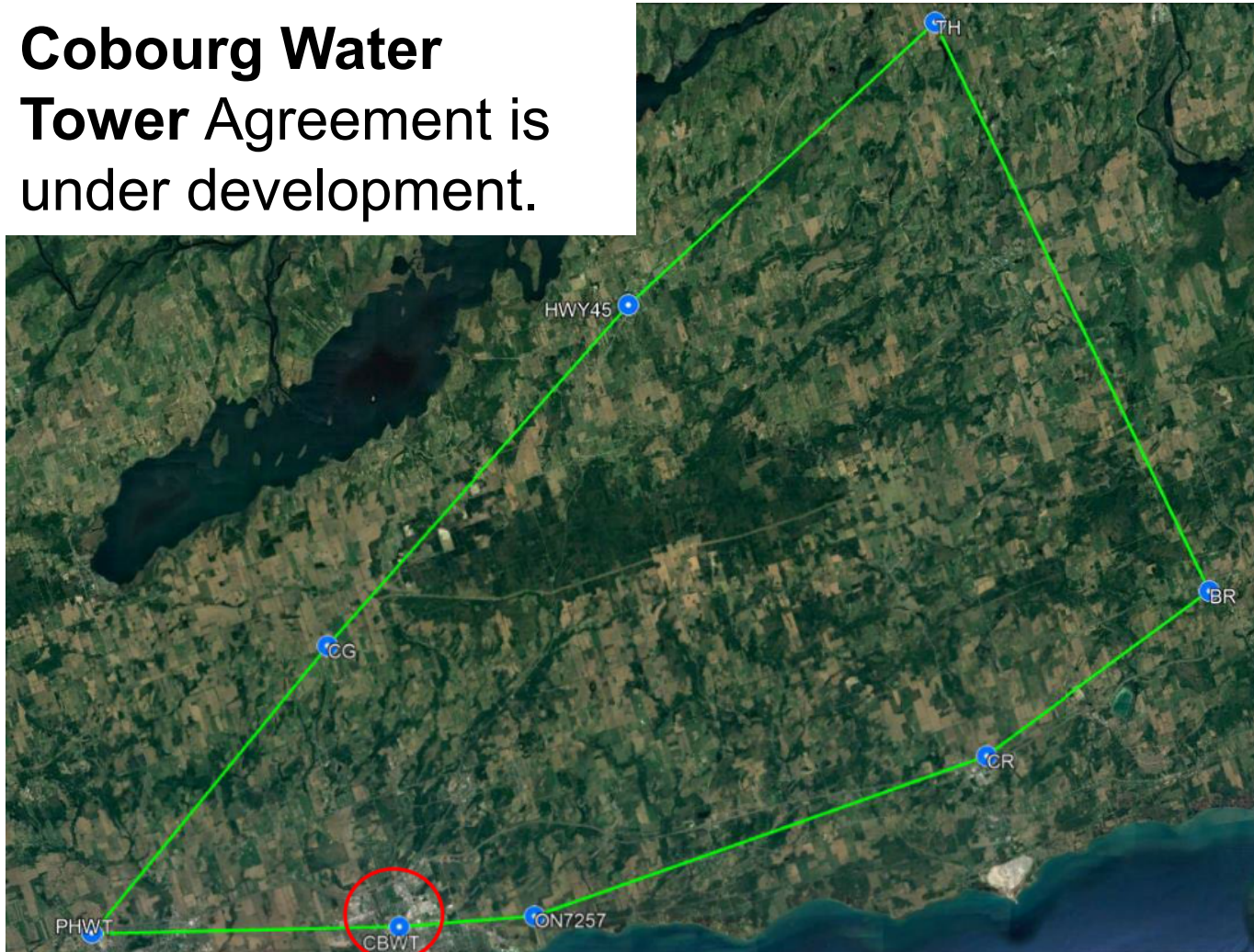
Alnwick/ Haldimand Tower

Xplorenet ON7257
(Alnwick/Haldimand)
All equipment
installed. Ready for
commissioning.



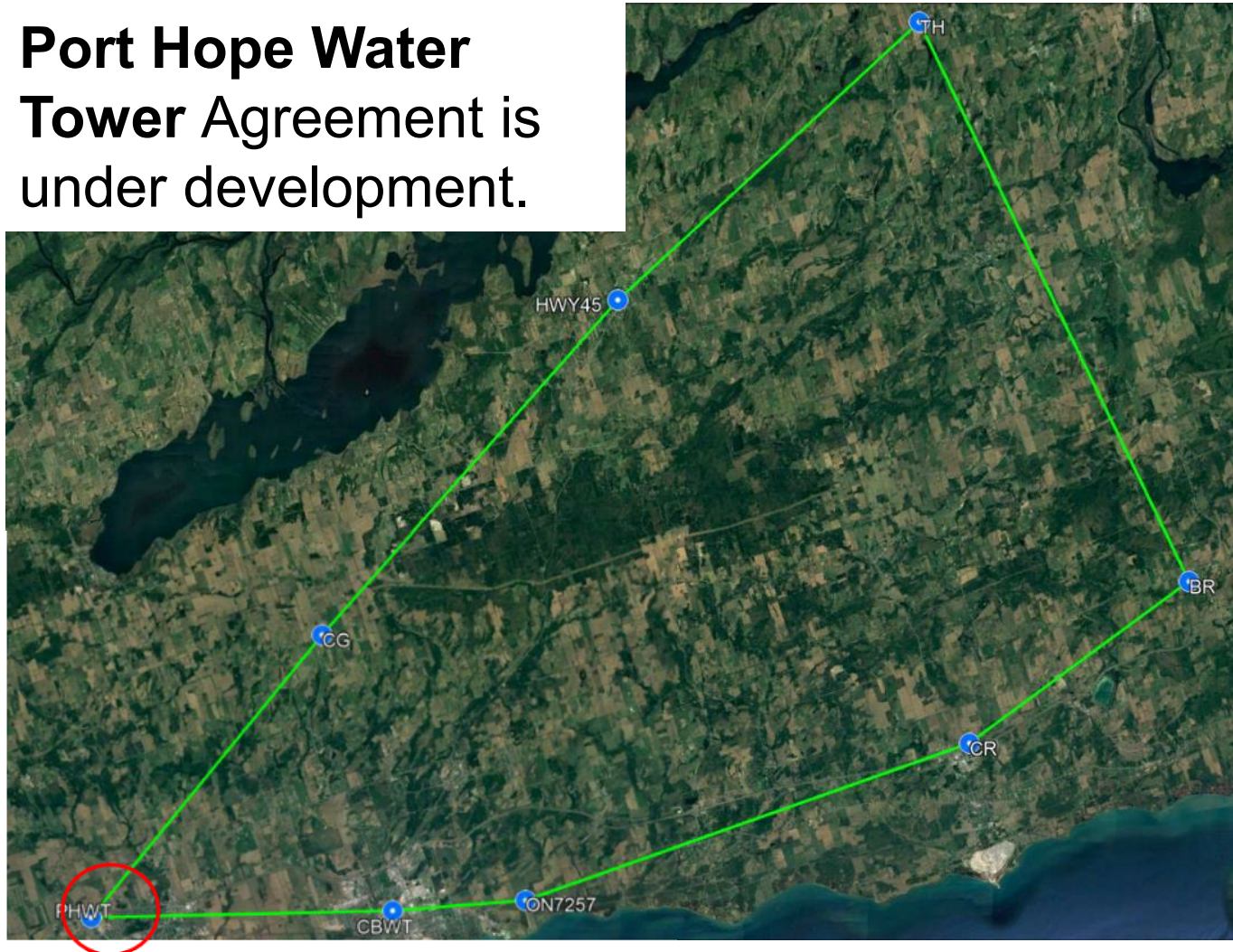
Cobourg Water Tower

Cobourg Water Tower Agreement is under development.



Port Hope Water Tower

Port Hope Water Tower Agreement is under development.



Coast Guard Tower

Coast Guard
(Hamilton Township)
Agreement in place,
ready for rigging and
equipment installation.



Alderville Tower

Alderville

All equipment
installed.

Extension of
fence to be
installed.



Tower Commissioning

Commissioning will commence when equipment is installed on all towers.



Schedule Update

Task	April	May	June	July	Aug.	Sept.
Brighton Tower	Active	Active	Active			
Coast Guard Tower	Active	Active	Active			
Cobourg Water Tower	Active	Active	Active			
Port Hope Water Tower	Active	Active	Active	Active		
Alderville Fence	Active	Active				
Commissioning of All Towers				Active	Active	
Removal of County Tower						Active

Challenges and Risks

- ▶ Weather – Rigging and equipment cannot be installed in poor weather conditions.
- ▶ Agreements – Agreements between the County and the tower owners may take longer to draft and execute than outlined in the schedule. A draft agreement can go through two rounds of back-and-forth editing before it is finalized.

Questions?