

# Evolution of Underground Utility Locates

Date



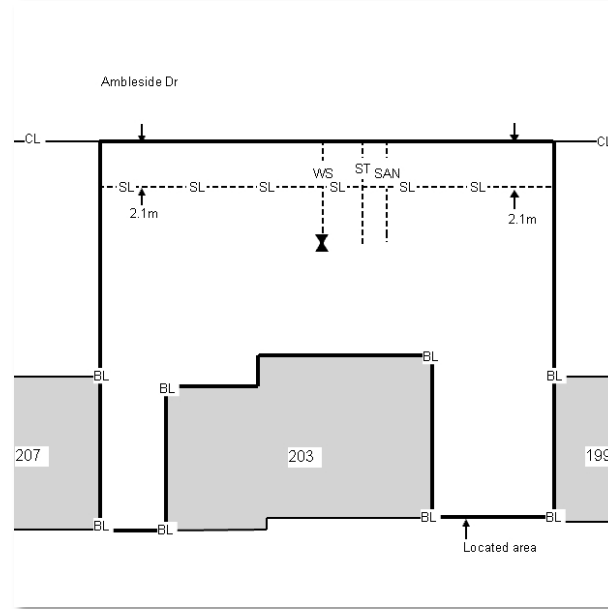
## ***Ontario Underground Infrastructure Notification System Act, 2012***

- Establishes Ontario One Call, its membership, and governance structure
- ***“Mark on the ground the location of (a member’s) underground infrastructure and provide a written document containing information respecting the location of its underground infrastructure.”***
- Sets time limits for completions of locate requests
- Mandates all owners or operators of underground infrastructure in Ontario must participate in Ontario One Call system





Mark underground infrastructure



Create written document (contract)

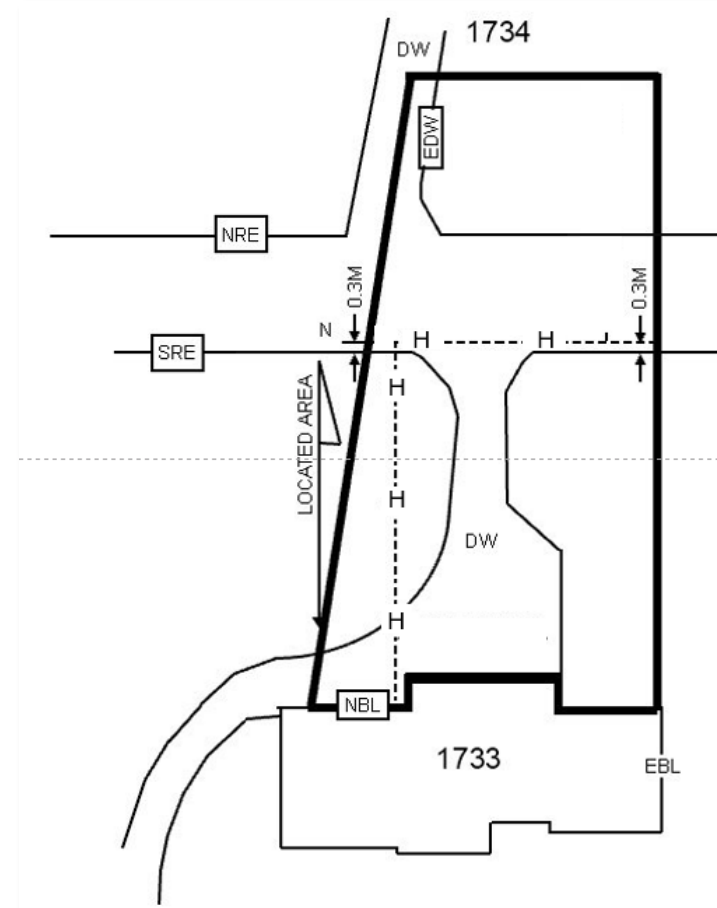


Forward locate to requestor & notify Ontario One Call

Marks on the ground

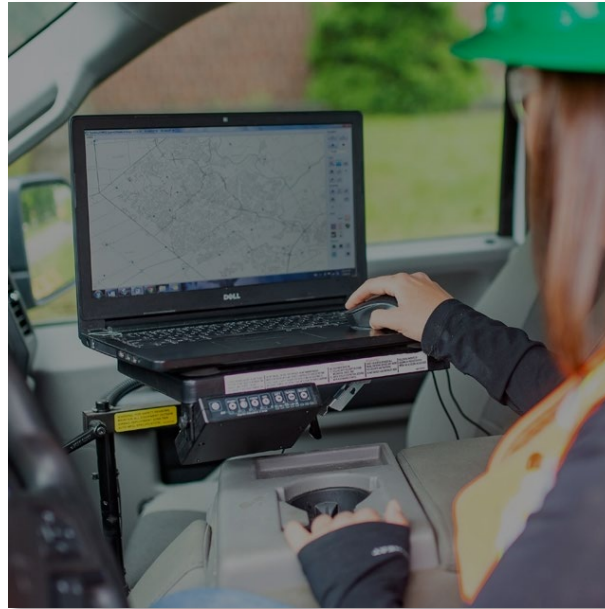


Written document





Training



Oversight and governance



Plant damage investigations

## ***2024 Amendments to Ontario Underground Infrastructure Notification System Act, 2012***

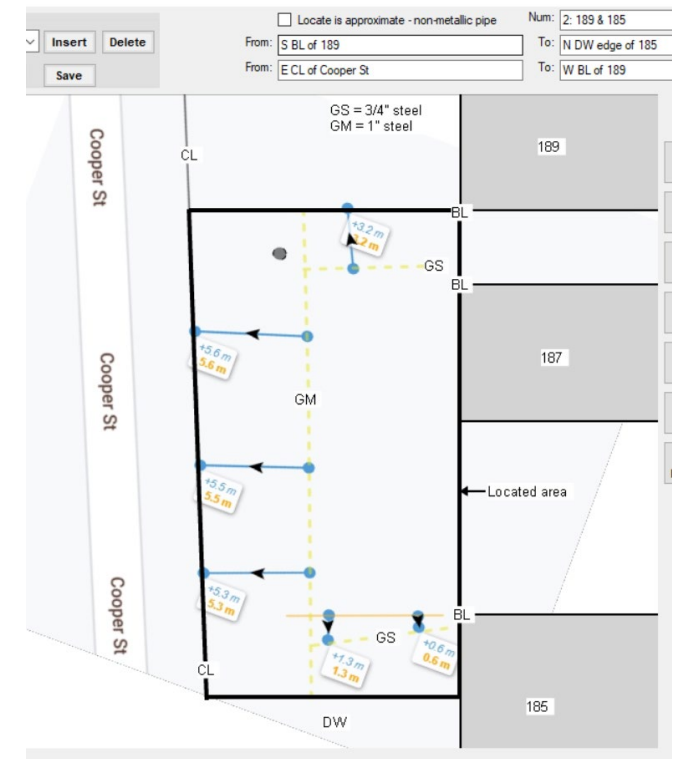
- Ontario Regulation 87/23: **Administrative Penalties**
  - Enables collection of monetary penalties according to conditions set out in the amendment
  - Fines to support operations of One Call system, and to educate and raise awareness of safe excavation practices
- Ontario Regulation 136/24: **Specified Locate Requests**
  - Extension of time limit for “large excavation or dig sites” to 10 days

## ***Building Broadband Faster Act, 2021***

- Establishes the **Dedicated Locator** service wherein a dedicated locator will respond to all locate requests by the proponent in respect of the project

Work done by OEC's Innovation team since 2019 to leverage new technology to drive efficiency in locating.

- Lookups/pre-clears
- GPS data integration into enterprise GIS
- Leveraging data for predictive analytics

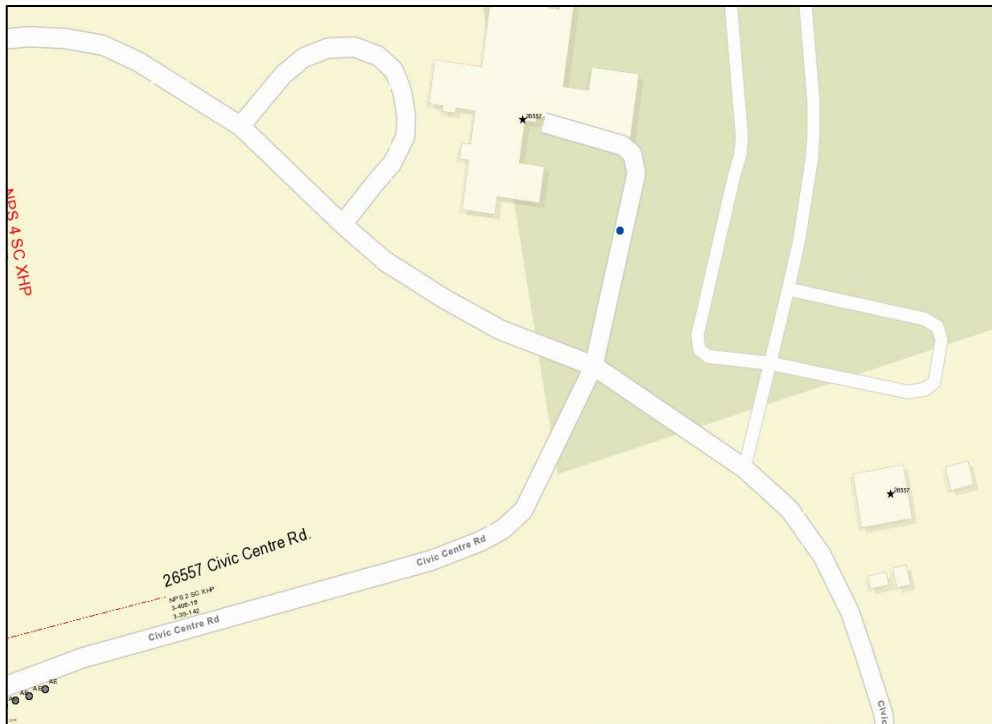


- By using RTK (real-time correction) GPS technology, high-accuracy digital recreations of underground utility locates can be done while toning and marking with a single device
- In addition to having the ground marked for utilities, the requestor can receive a digital record of the locate, tailored to their systems and needs





## Original Record



## GPS Re-Survey

