



**Municipality of Middlesex
Centre**

Fibre to the Home



Agenda

1. Introduction
2. What is Fibre to the Home?
3. Project Scope
4. Project Map
5. Field Example
6. Discussion



What is Fibre to the Home?

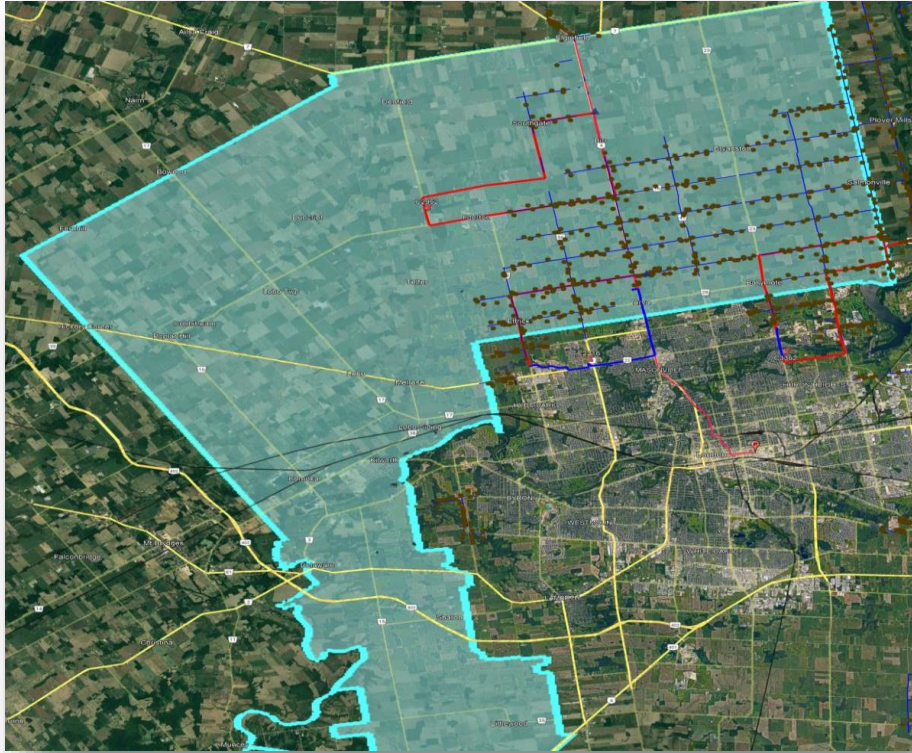


- **Leading edge technology to bring a fibre optic network to the Municipality of Middlesex Centre.**
- **Increased speed**
- **Improved reliability**
- **Less “street furniture” within the municipal right of way**




Project Scope

- This project addresses the internet requirements of rural residents and businesses in Middlesex Centre.
- Existing 50/10 Megabits per second (Mbps) areas will not be over built (SWIFT & Existing providers)
- 137 (+-) km of new fibre plant
- 509 (+-) homes and businesses will be included in this build
- Majority of build will be underground
- Method of Construction will be a mix of plow and directional drill

Project Map



	2023	2024	2025	Total
KM of plant	40	40	57	137
Homes Passed	148	148	213	509

-  50/10 Megabits per second (Mbps) internet available
-  Underserved areas
-  Proposed OLT Locations (2)



Field Placement Example

OLT or Optical Line Terminal
“Brains” of Fibre to the Home technology

Municipality of Middlesex Centre OLT zone_4
Nairn Rd & Sinclair Dr



Schedule

Project Kickoff	April 2023
Design Phase	April 2023 - Dec 2024
Construction Phase	May 2023 - Dec 2025
Construction Completed	July 2023 - Dec 2025
Private Property Customer Installs	2023 - 2026

Community Engagement

- Signage
- Municipality of Middlesex Centre website
- Mailers
- Local advertising (newspaper)

Work with the municipality to formulate a notification plan best suited for their constituents



THANK
YOU

