



# City of Aurora

Resolution 18-1016:

Special Finance Committee Update

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Information Technology  
Development Services  
Economic Development  
OnLight Aurora  
Invest Aurora

January 8, 2019

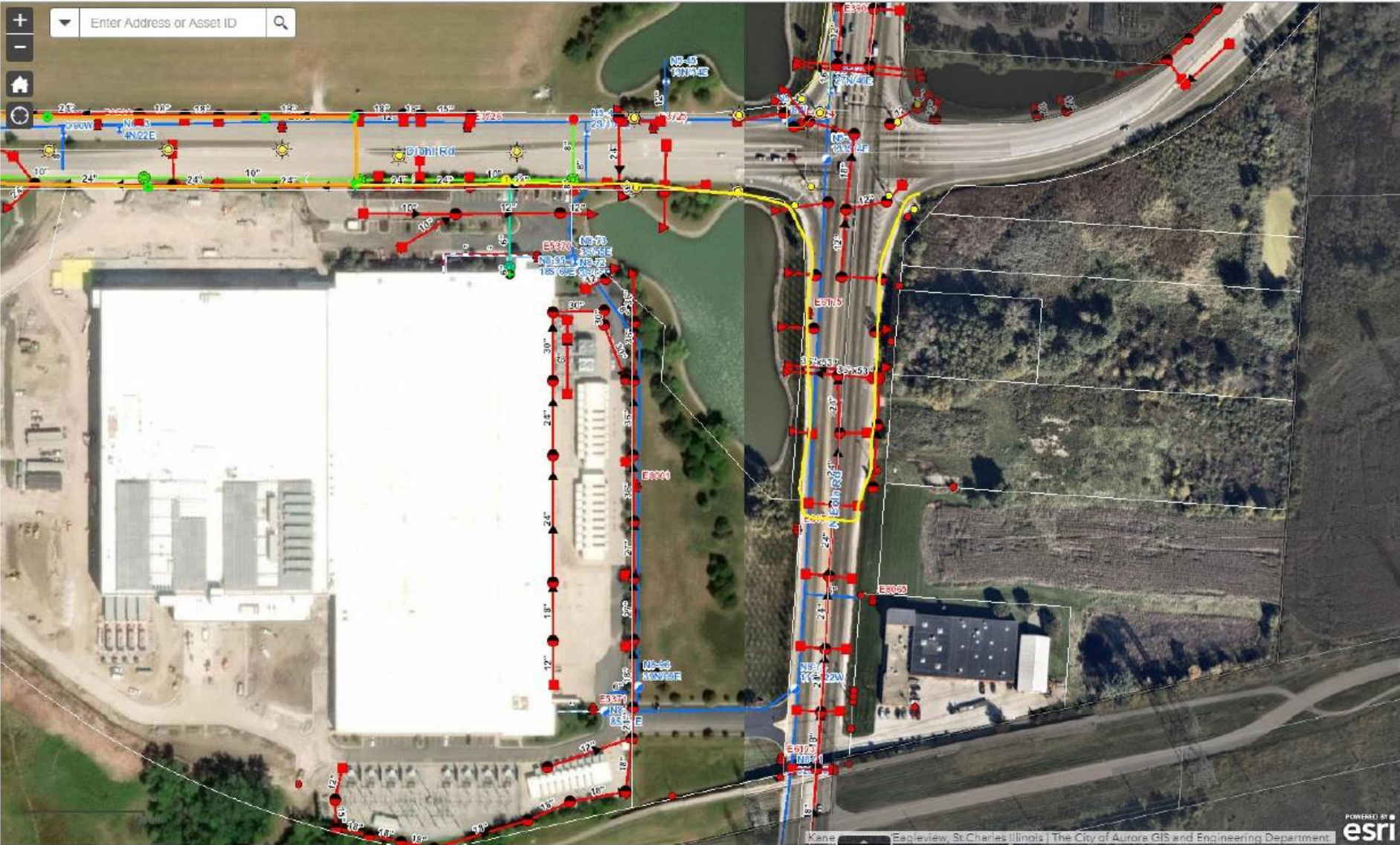
# Resolution 18-1016:

The primary purpose is to a **deliver fiber connection** on the south east side of Diehl Road at Eola Road for a secondary fiber exchange with Naperville (and DuPage County Traffic Management System (TMS)) for improved operations, redundancy and disaster recovery of **public safety services** and promote **economic development**.

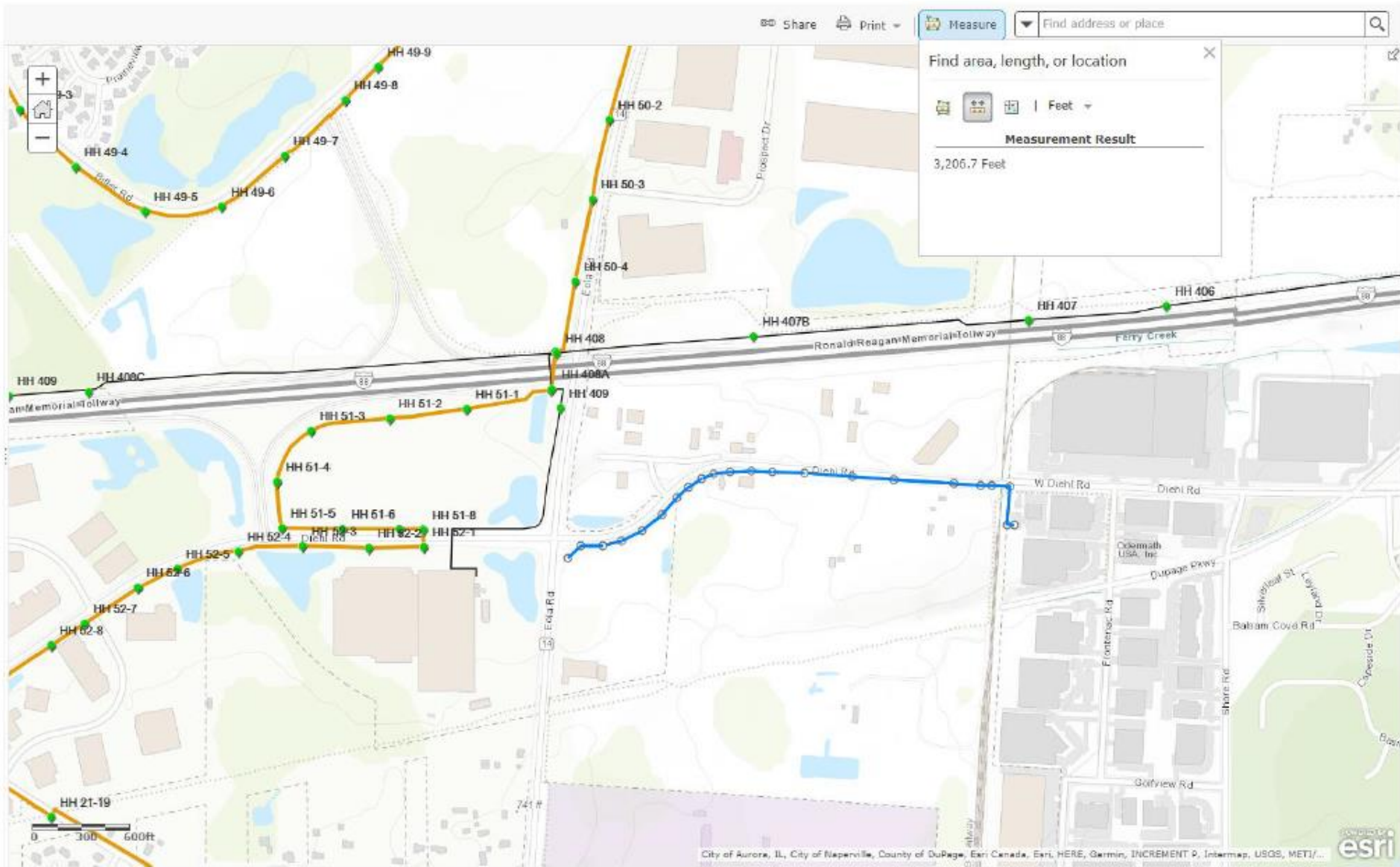
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- Provide **Network Redundancy** for Aurora and Naperville E911 dispatch, police and fire operations.
  - *On November 29, loss of network connectivity negatively impacted video conference capabilities for approximately 10 hours raising public safety and legal ramifications.*
- Most **Cost Effective & Practical Solution** to deliver public safety services (out of 3 options).
  - 1. Low Cost & Low Complexity:** Diehl-Eola to Naperville Water Tower (Indian Prairie Trail); Total Est. \$300k
  - 2. Moderate Cost & Moderate Complexity:** Aurora Fire Station 12 (Hafenrichter & Eola Roads) to Naperville (Normantown); Total Est. \$450k
  - 3. High Cost & High Complexity:** Aurora Fire Station 8 (McCoy Dr) to Naperville Fire Station 10 (Rt. 59 & 95<sup>th</sup>); Total Est. >\$500k
- Expand infrastructure to **promote economic development** in I-88 Corridor at lower costs.
- **Additional Benefits:** include the ability to connect to the DuPage County Traffic Management System (TMS).
  - This location affords the opportunity to **improve snow response and traffic management operations** from DuPage County to Aurora citizens.

# Overview: Diehl-Eola 6-duct Path with Utilities



# Overview: Diehl-Eola to Naperville Water Tower



# Benefits of Implementation

## Residents

- Improved DuPage County snow response on County owned roads
- Improved public services and economic development supported by technology
- Enhanced connection and communication with City government and municipal partners (Aurora, DuPage and Naperville)
- Enhanced safety and security

## Businesses

- Easier to do business in Aurora with streamlined City processes
- Innovation and technology hub resources to support new business ventures
- Revenue sources to both OnLight Aurora and City
- Enhanced resources for daily service delivery
- Enhanced efficiencies and cost savings

**Thank you!**