

# TRANSFORMING MUNICIPAL CONNECTIVITY

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# ABOUT YORK REGION





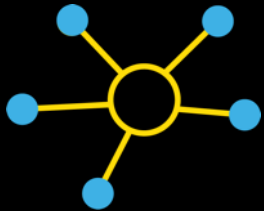
# YORKNET'S MANDATE



CONNECT REGIONAL OPERATIONS



JOIN LOCAL PARTNERS



SHARE WITH PRIVATE SECTOR



# DARK FIBRE FOR A BRIGHT FUTURE

## EQUITY

Ensuring access to high-speed internet for rural and underserved residents

## STABILITY

Municipally owned network designed for long-term use

## RELIABLE CONNECTIVITY

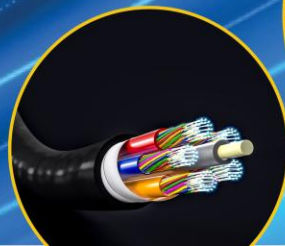
Ensures dependable and reliable connectivity with minimal downtime



# WE BUILD CRITICAL INFRASTRUCTURE

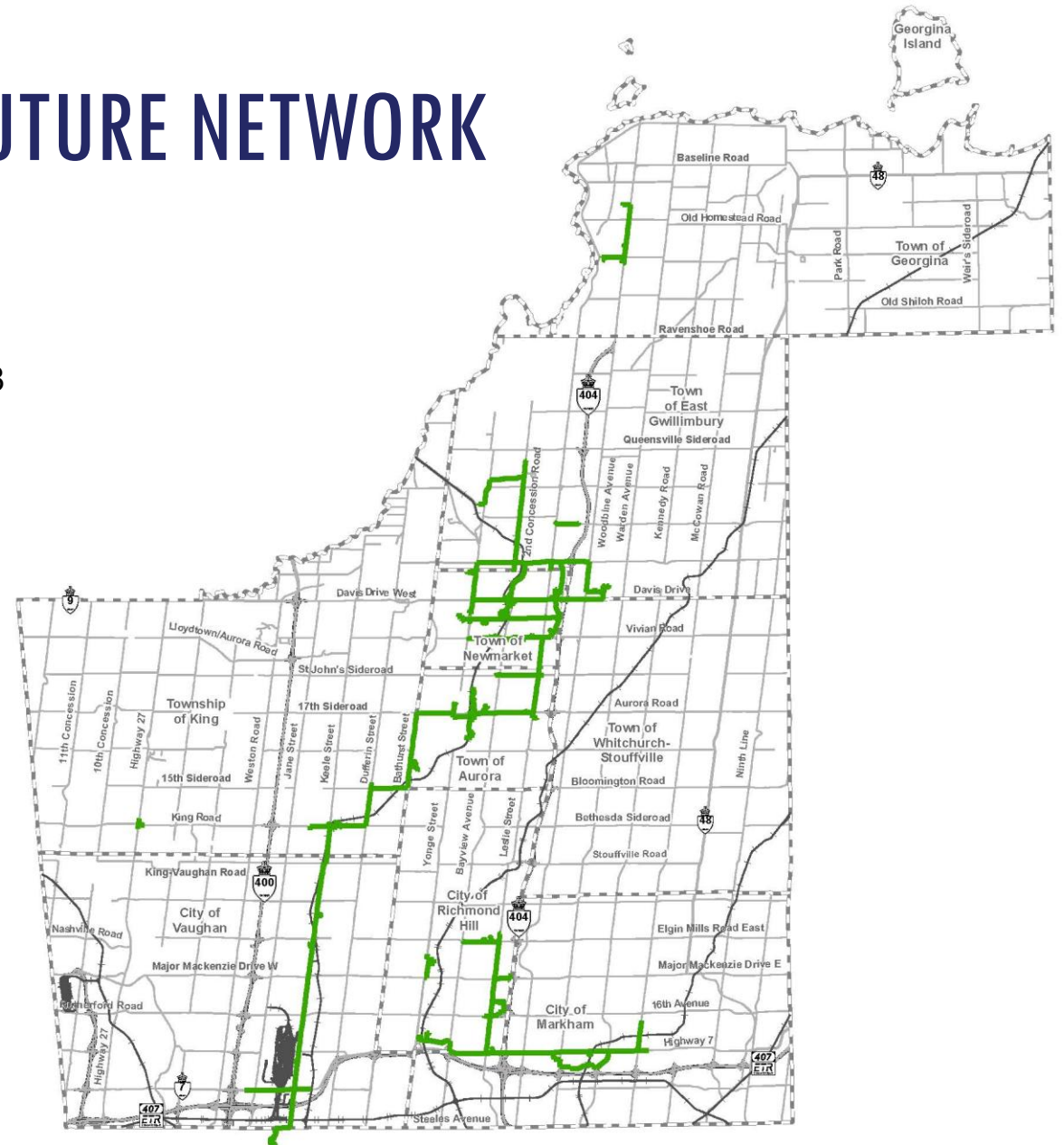
## Dark Fibre Supports:

- **Flexibility and Control:** Enables a self-managed high-speed network
- **Critical Services:** Supports regional operations in healthcare, public works and emergency services
- **Community Connectivity:** Links regional and municipal facilities to enhance the lives of residents
- **Resilient Infrastructure:** Strengthens health care, education, safety and the economy
- **Future-Proofing:** Adapts to tech advances and growing data demands



# PAST AND FUTURE NETWORK

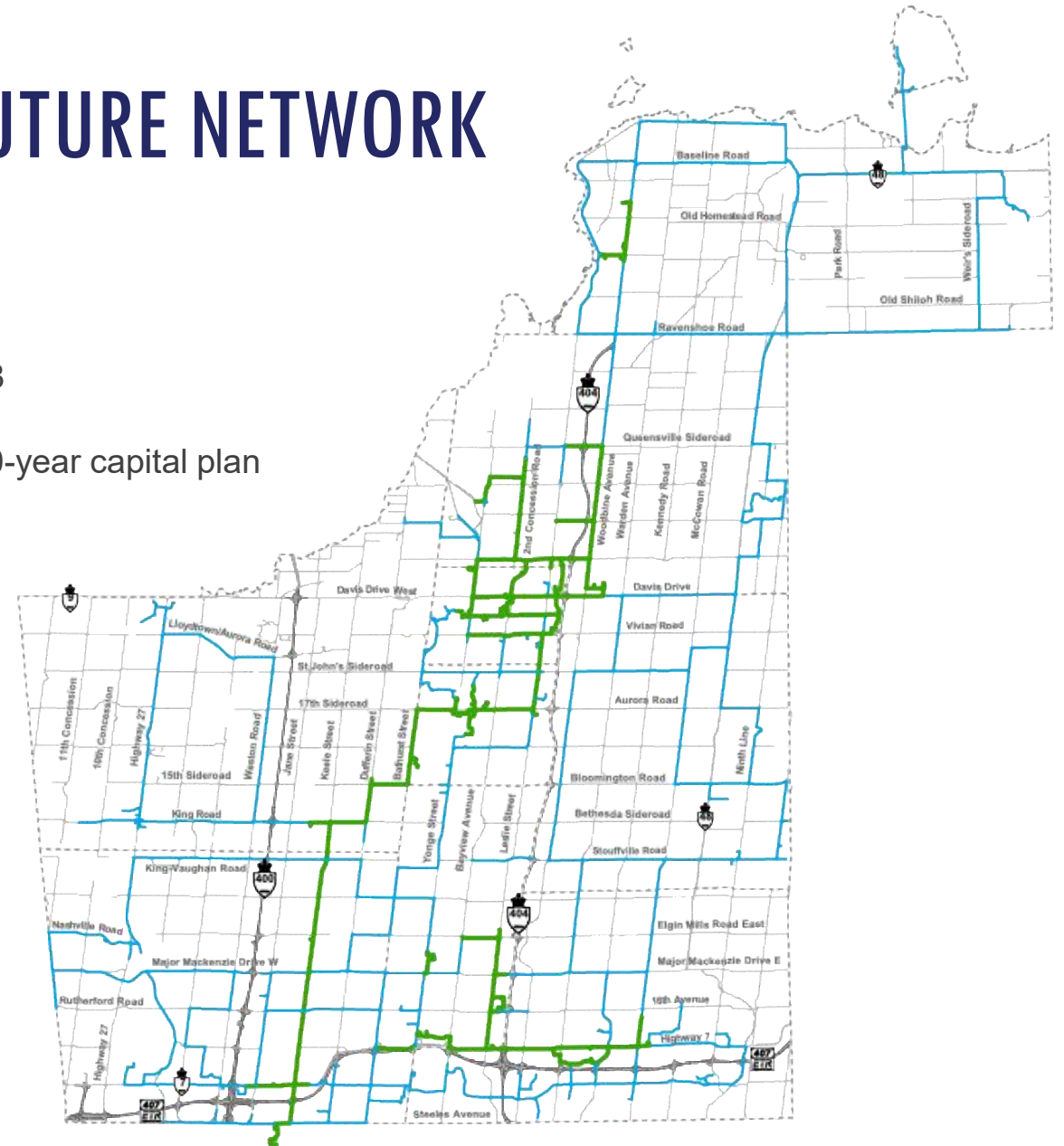
— Network in 2018





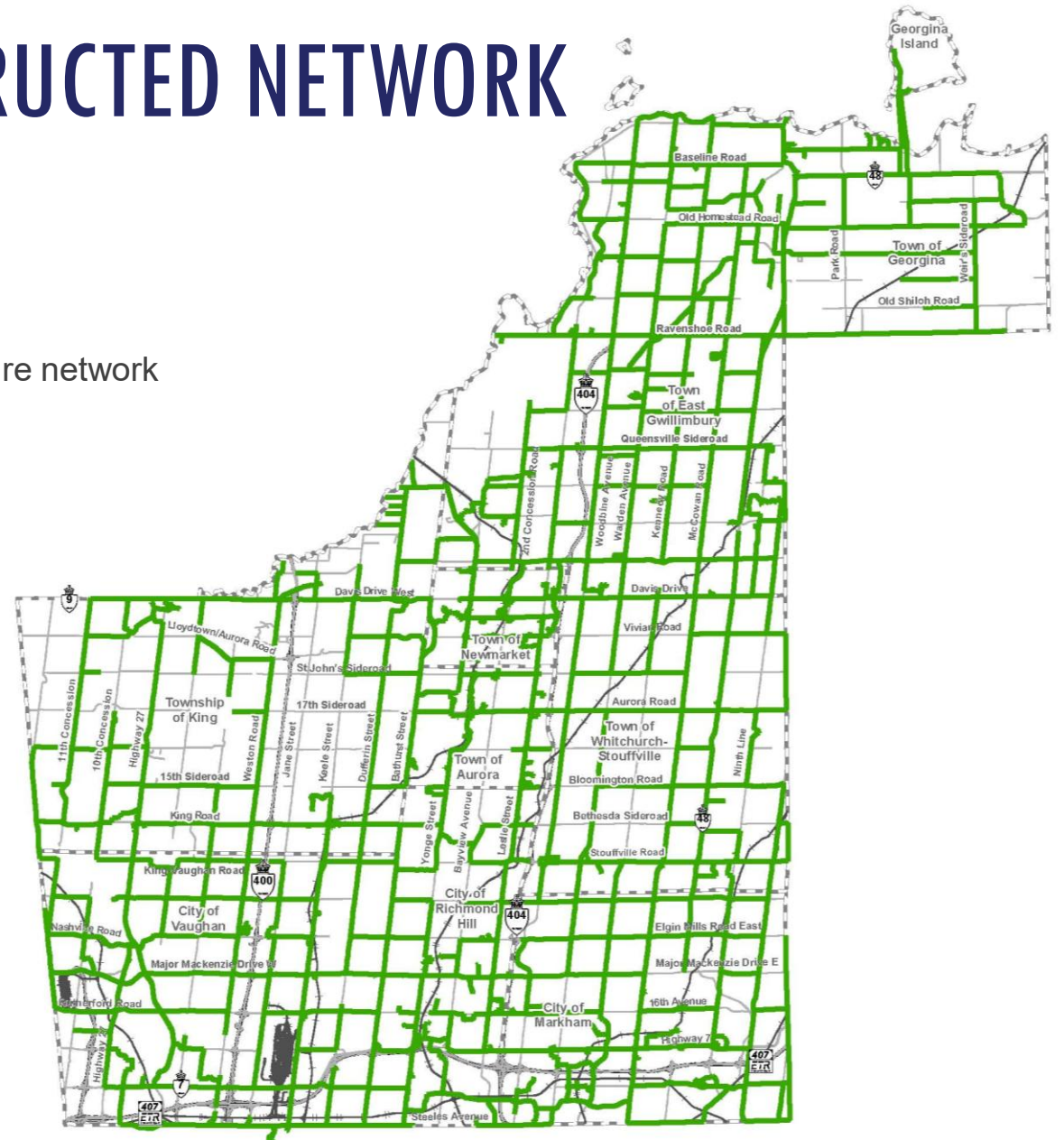
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# FUTURE CONSTRUCTED NETWORK

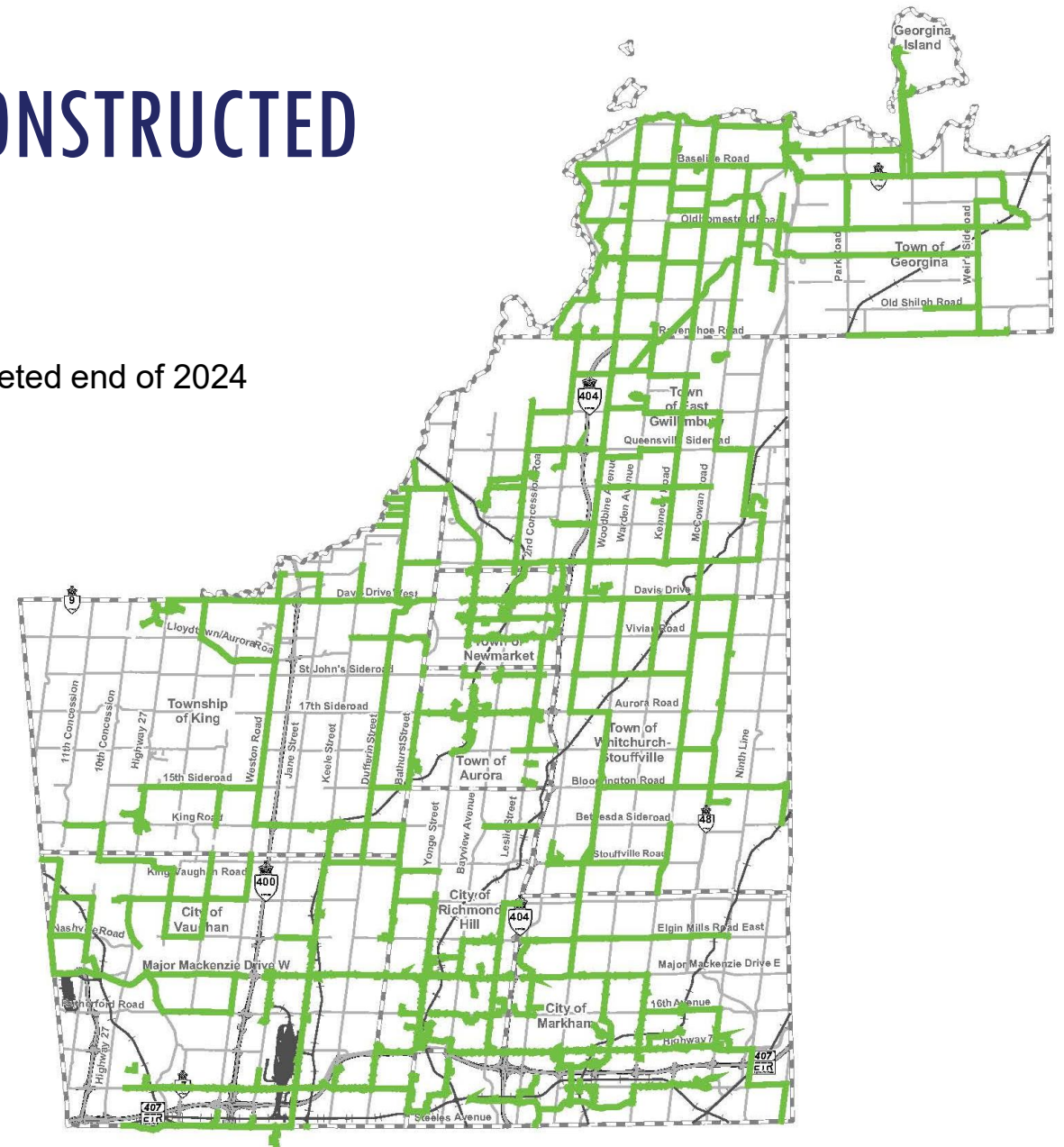
— 1,660+ km of future network





# CONDUIT CONSTRUCTED

— Network completed end of 2024



The background of the image is a dark blue field filled with a complex, glowing network of light blue lines and dots. These lines and dots form a web-like structure that resembles a molecular model or a digital network, with some areas being more densely connected than others. The overall effect is one of high-tech connectivity and dynamic energy.

# **PARTNERSHIP** SUCCESS STORIES



# WE BUILD CRITICAL INFRASTRUCTURE

Building the foundational support for public services and business operations

## Emergency Services

- Paramedics
- Fire
- Police

## Municipal And Community Services

- Hospitals
- Schools
- Libraries
- Community housing
- Long-term care

## Administration

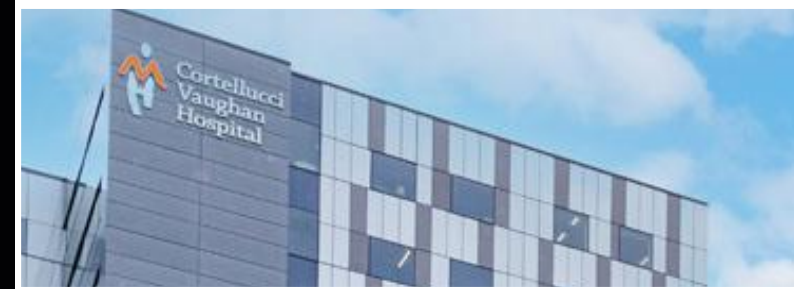
- Intranet/internet
- Security
- Building automation
- Cameras

## Transportation

- Public transit
- Traffic management and data collection

## Environmental

- Water treatment and monitoring
- Waste depots





**PLANNING** FOR THE FUTURE



# WE ARE GROWING



In 2024 YR welcomed more than **18,700 new** residents



Projected to **reach**  
**2 million** residents by 2051



2021 Census data found  
**East Gwillimbury** to be the  
**fastest-growing** municipality



# FUTURE READY NETWORK

- Leveraging fibre on demand to reduce future installation and maintenance costs, minimizes disruption to public infrastructure
- Exploring fibre sensing technology to enhance asset management
- Connecting all York Region assets to support Regional services and enhance the lives of residents





**EMPOWERING** DIGITAL COMMUNITIES



# EXPANDING CONNECTIVITY AND STRATEGIC GROWTH

- **Expanding reach for residents**
- **Ensuring future connectivity**
- **Strengthening Regional and Municipal Services**



An abstract graphic on the left side of the slide depicts a complex network of glowing blue nodes connected by thin, light-blue lines, resembling a fiber-optic or data network. The nodes vary in size and brightness, with some appearing as bright white or yellow points. The background is a dark blue gradient.

# **BUILDING THE FUTURE** WITH MUNICIPAL FIBRE

## **Reimagining Public Service Delivery**

Municipal fibre is transforming how communities access and benefit from government services

## **Bridging the Digital Divide**

YorkNet enables equitable connectivity for both public institutions and private users across the Region

## **Building Resilient Infrastructure**

A robust, diverse network supports critical services and adapts to evolving community needs.

## **Designed for Growth**

Scalable and flexible infrastructure that evolves with York Region on our terms

## **Shaping Our Digital Future**

YorkNet is building the foundation for a smarter, more connected York Region

# THANK YOU

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