

Central New York Regional Planning & Development Board

NYS ESD ConnectAll Office

Municipal Infrastructure Program

CNYNET

Open Access Broadband Network
Cayuga and Cortland Counties

August 2025

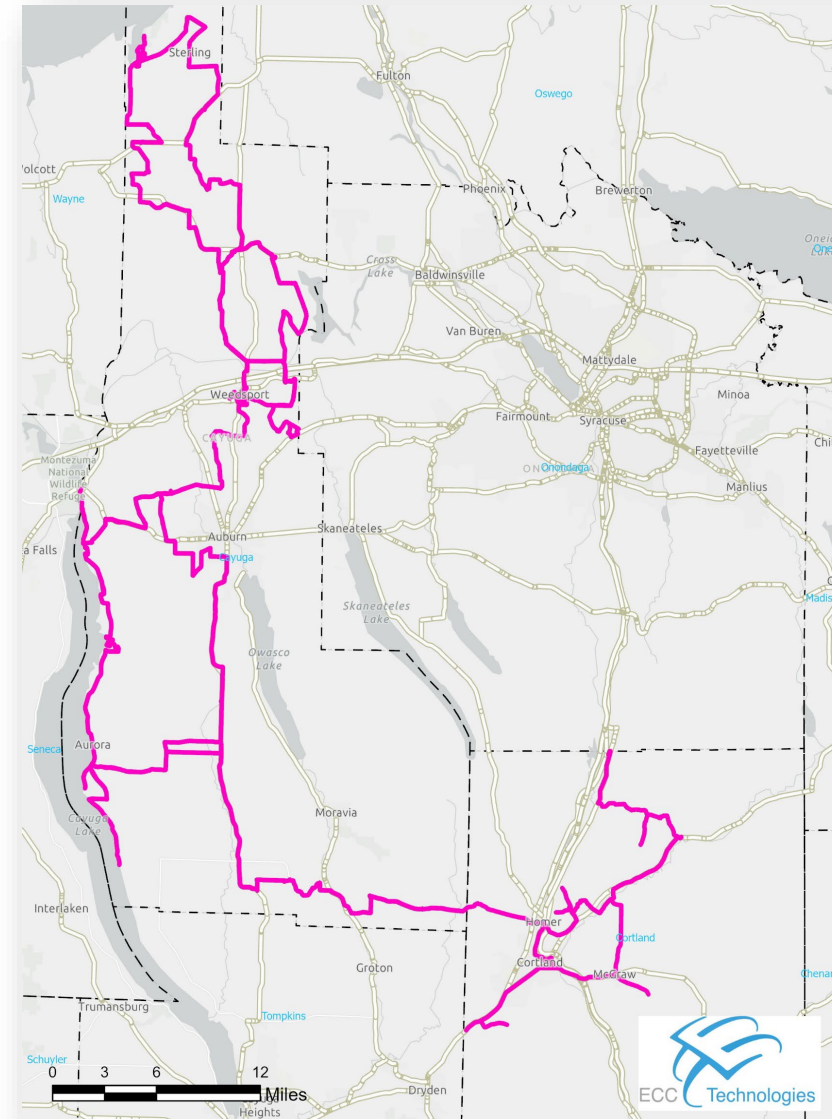
Project Overview

Project Details

- Total Project Cost: \$26,181,289
- Total Miles: 258
- Total Addresses: 6,321

Pole Attachments

- NYSEG: 2,965
- RG&E: 1,700
- National Grid: 1,082
- Verizon: 5,379
- Frontier: 1,440



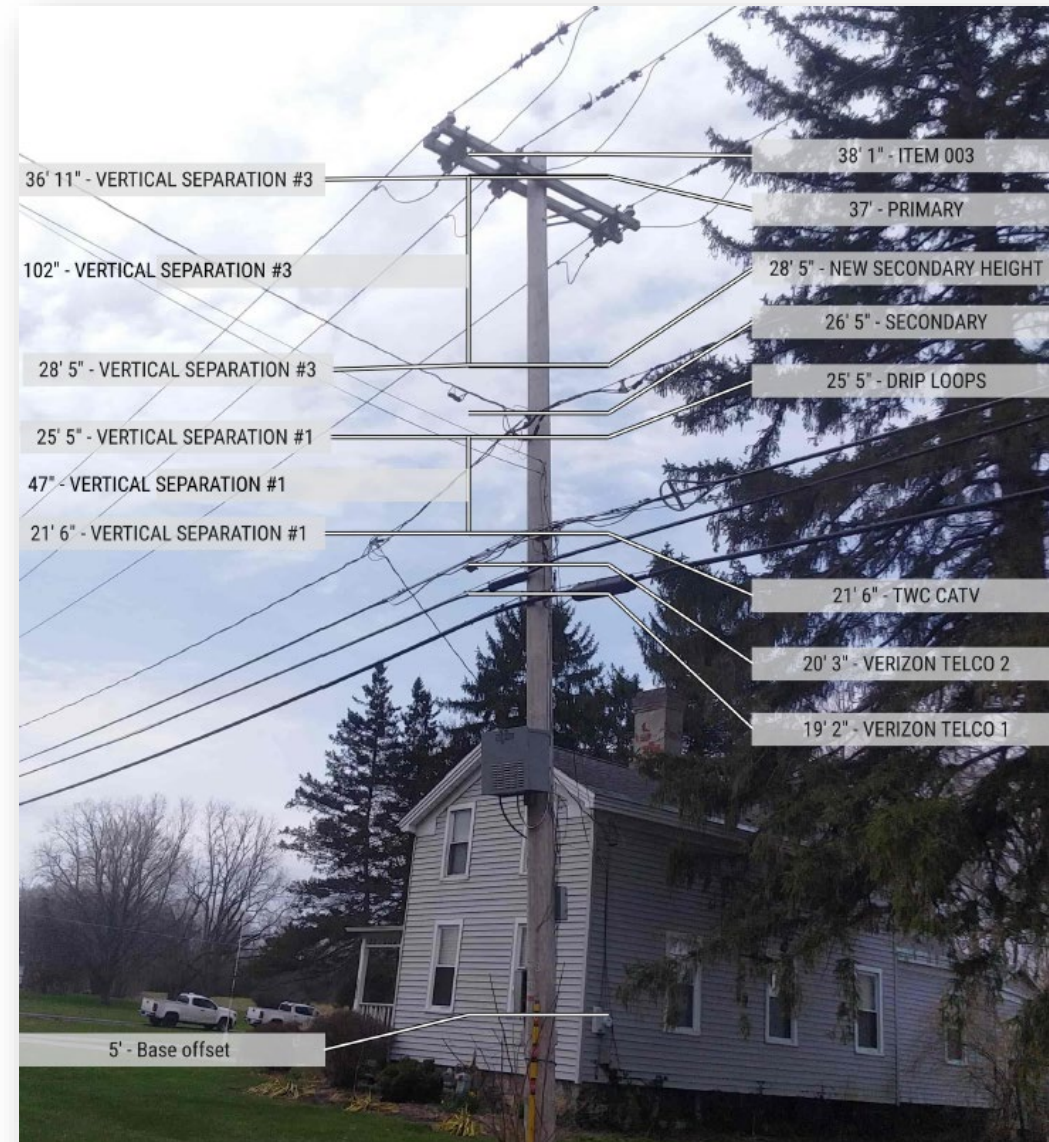
Project Start

Design Engineer

- Pre-approved list from electric utility companies
- Quotes requested/evaluated
- Field Surveys/Pole Application Development
- Advise on options given Make Ready construction work required

Make Ready Process

1. Pole Applications
2. Make Ready Analysis
3. CNY Reconciliation
4. Telecommunication Reconciliation
5. Submission to Electric Utility
6. Electric Utility Concurrence
7. Make Ready Construction by Pole Application



Key Focus Areas

Procurement

- Fiber Optic Cable – 70 reels
- Electronics for fiber huts
- Customer Premises Equipment
- Drop wire cable, inside wiring

Construction

- Underground preparation – install conduit
- Aerial construction
 - Strand only (4 miles/week)
 - Strand and fiber optic cable (2 miles/week)

Permitting

- NYS DOT permits
 - (Professional Engineering services required)
- Railroad permits
- County/local permits
- Other permits may be required

Make Ready Construction vs. Fiber Construction

Make Ready Construction

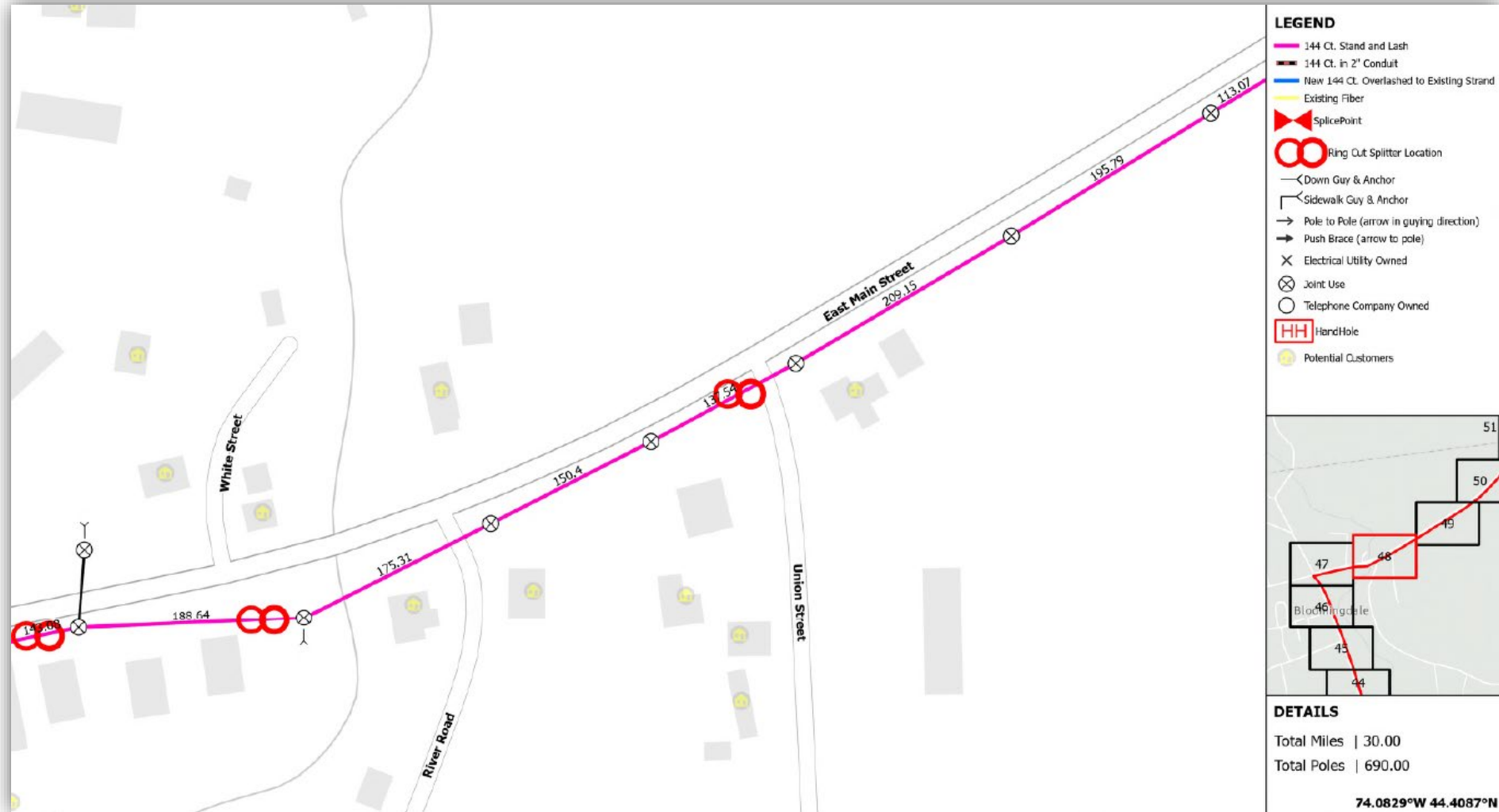
- List of Pre-approve electric utility contractors
- Master Services Agreement
- Provide Make Ready (MR) Packages and request quotes
- Award to several contractors
- ECC oversees MR Construction
- Telecommunications and Cable TV utilizes their own contractors for MR Construction, based on MR Package

Fiber Construction

- Competitive bid through RFP process
- Master Services Agreement
- Award to several contractors
- Construction prints provided by ECC (part of CAO milestone 1 requirement)
- ECC construction oversight
- Testing of system once built (typically the ISP)

Construction Print Example

(Provided as part of Fiber Construction RFP)



CNYNET – Project Budget

Item	Total Project Budget	MILESTONES					Total
		Milestone 1 - 10/31/25	Milestone 2 - 1/31/26	Milestone 3 - 5/31/26	Milestone 4 - 8/31/26	Milestone 5 - 12/31/26	
Network Design Finalization	\$ 929,682.00	\$ 449,682.00	\$ 230,000.00	\$ 125,000.00	\$ 125,000.00		\$ 929,682.00
Fiber Optic Cable - Aerial	\$ 1,848,835.00	\$ 1,706,062.40					\$ 1,706,062.40
Fiber Optic Cable - Underground	\$ 148,248.00	\$ 128,447.49					\$ 128,447.49
Installation / Construction Hardware	\$ 1,432,151.00		\$ 430,000.00	\$ 425,000.00	\$ 412,362.55	\$ 50,151.00	\$ 1,317,513.55
New Pole(s)	\$ 839,475.00			\$ 167,895.00	\$ 351,842.50	\$ 254,287.98	\$ 774,025.48
Central Office (CO) / POP Electronics	\$ 1,150,597.00		\$ 690,500.00	\$ 460,097.00			\$ 1,150,597.00
Customer Premises Equipment (CPE)	\$ 492,582.00		\$ 125,000.00	\$ 200,000.00	\$ 167,582.00		\$ 492,582.00
Drops and Inside Wiring	\$ 3,163,058.00			\$ 1,606,529.00	\$ 1,556,529.00		\$ 3,163,058.00
Permit and Pole Attachment Fees	\$ 1,963,827.53	\$ 400,000.00	\$ 650,000.00	\$ 600,000.00	\$ 313,827.53		\$ 1,963,827.53
Building Lease / Easement Costs	\$ 302,376.42			\$ 302,376.42			\$ 302,376.42
Other Make-Ready Fees (please specify)	\$ 3,704,065.05	\$ 300,000.00	\$ 950,000.00	\$ 1,405,000.00	\$ 720,000.00	\$ 329,065.05	\$ 3,704,065.05
Central Office / POP Setup	\$ 1,501,565.00			\$ 1,501,565.00			\$ 1,501,565.00
Aerial Construction	\$ 4,778,510.00			\$ 1,000,000.00	\$ 3,200,000.00	\$ 578,510.00	\$ 4,778,510.00
Underground Construction	\$ 1,859,443.00			\$ 630,000.00	\$ 924,443.00	\$ 305,000.00	\$ 1,859,443.00
Fiber Splicing and Cross Connects	\$ 580,302.00				\$ 275,000.00	\$ 305,302.00	\$ 580,302.00
In-Home Installation	\$ -						\$ -
Administrative / Staffing	\$ 1,371,512.00	\$ 240,710.93	\$ 240,710.93	\$ 240,710.93	\$ 240,710.93	\$ 240,710.93	\$ 1,203,554.67
Contingency	\$ 115,060.00			\$ 208,559.14	\$ 208,559.14	\$ 208,559.14	\$ 625,677.41
TOTAL	\$ 26,181,289.00	\$ 3,224,902.82	\$ 3,316,210.93	\$ 8,872,732.49	\$ 8,495,856.65	\$ 2,271,586.11	\$ 26,181,289.00

Project Milestones

