

Bug Tussel & Jackson County Partnership

THE PARTNERSHIP

Bug Tussel Wireless is proud to be partnered with Jackson County through a bond that was issued in the winter of 2021 and a grant that was issued in the spring of 2022. The project will primarily take place during the fiscal year 2022, with Bug Tussel's goal to have towers completed and online by January of 2023 and fiber connections to follow.

THE PROJECT

The project, **ROAD to Digital Equality: Jackson County** is designed to equip Jackson County with a fiberoptic backbone network and wireless internet access through rural areas in the county. Bug Tussel will install 3 towers and 153.3 miles of fiber within 1-3 years, with options for expansion available as agreed upon by Bug Tussel and the county.

BUG TUSSEL UNIVERSITY

Bug Tussel University (BTU) is Bug Tussel's educational branch focused on providing rural education for everyday use. We offer free in-person, hands-on classes on computers, technology, internet, and more. We teach classes throughout rural Wisconsin at local libraries, schools, and community centers.

Classes are free and easy to schedule. Want to host a class in your community? Get in touch today!

Email: bugtusseluniversity@bugtusselwireless.com

Phone: (920) 940-0158

Classes

- Introduction to Bug Tussel
- Introduction to Fiber Optic Internet
- Internet Basics
- Email Basics
- Internet Safety
- Search Smarter: Improve Your Internet Searching Skills
- Facebook for Beginners

SALES & MARKETING

The sales team has been targeting customers along the fiber route, offering pre-sales for fiber internet. Along with AT&T and Bug Tussel sales, we made 37 pre-fiber sales.

Marketing efforts for the fiber network included sending 7,578 mailers to addresses along the route and publishing county-wide Facebook ads advertising fiber.

GET IN TOUCH

Customer Service

Phone: (877) 227-0924

Email: customerservice@bugtusselwireless.com

Website: bugtusselwireless.com

Your sales representatives



Danielle Barnhart

Business Development Manager

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Regional Business Development Manager

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TOWERS



On Air: 20*

- Tower construction and installation complete
- Internet is live and operational
- *Includes AT&T only towers



Under Construction: 2

- Establish tower foundation
- Construct tower by stacking from bottom to top
- Install antenna, lines, and integrate network



Regulatory/Zoning: 1

- Submit permits and receive approval from the FCC and FAA
- Submit permits and receive approval from local government (county, city, village, etc.)
- Plan to add AT&T equipment to tower



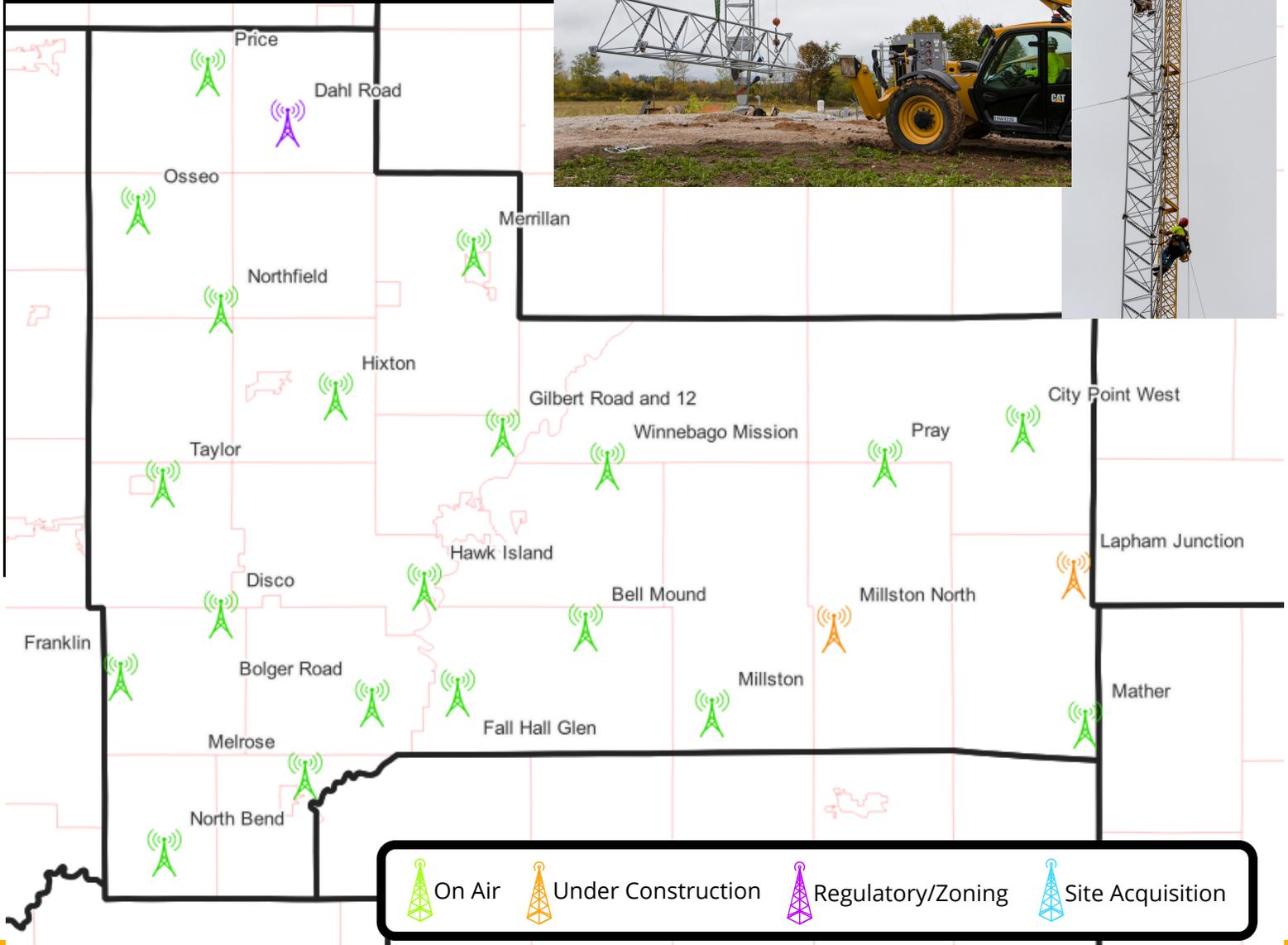
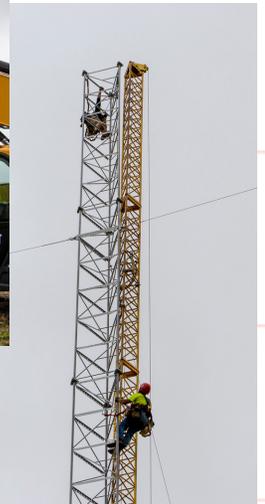
Site Acquisition: 0

- Search for and determine tower site
- Obtain lease from landowner

SITES UNDER CONSTRUCTION

Two towers, **Lapham Junction** and **Millstone North**, are currently under construction in Jackson County.

Construction crews from **Red Tail Tower**, Bug Tussel's sister company, are nearly completed with the "stacking" phase of construction in which sections of the tower are lifted by crane and secured by crew members. Stacking takes place piece-by-piece to construct the tower from bottom to top.



*This map includes a rough estimate of site locations and may not accurately reflect actual tower placement.

FIBER NETWORK

Design In-Progress

Engineering and design for the fiber network began on **June 15, 2022**. This process includes mapping the route and determining in-the-field routing and equipment decisions. Next stages, regulatory and zoning, will include submitting permits and awaiting approval.

Construction Begins Soon

Our goal is to start construction **mid-August**. We will be partnering with contractor **Eleexo Inc.**

FIBER



On Air: 0 miles

- Fiber installation is complete
- Internet is live and operational



Under Construction: 0 miles

- Drill or plow conduit (protection tubing) in the ground
- Install access hatches
- Send fiber through conduit via "blowing", a technique that uses an air blowing machine to send fiber through conduit on wheels, reducing risk of friction and damage



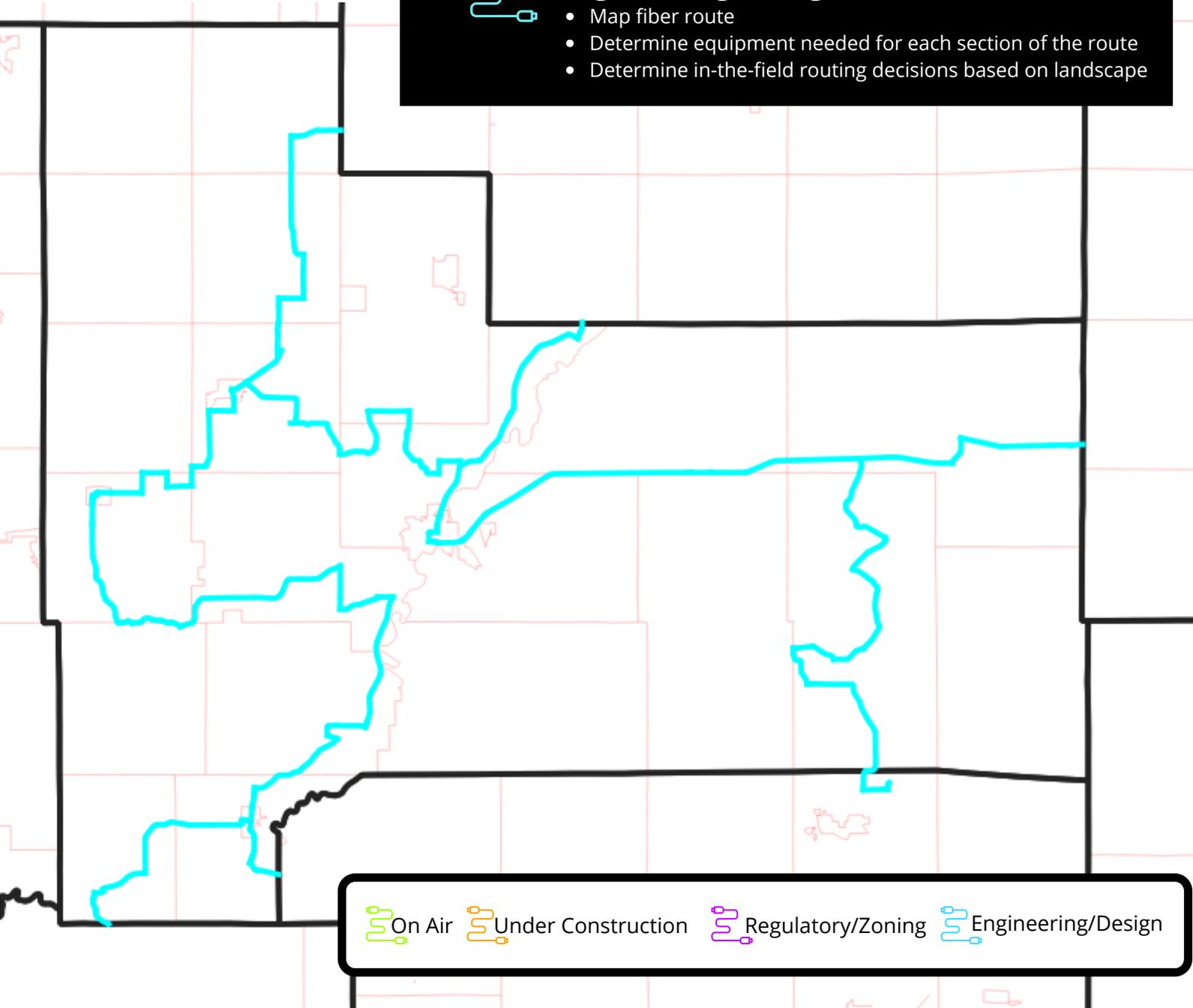
Regulatory/Zoning: 0 miles

- Submit permits and receive approval



Engineering/Design: 153.3 miles

- Map fiber route
- Determine equipment needed for each section of the route
- Determine in-the-field routing decisions based on landscape



On Air



Under Construction



Regulatory/Zoning



Engineering/Design

*This map includes a rough estimate of the fiber network and may not accurately reflect final route.