

KCNA

Kentuckyvired

The logo for Kentuckyvired features the word "Kentuckyvired" in a sans-serif font. The "Kentucky" part is blue, and the "vired" part is black. Below the text, there are three thin, curved lines that sweep from left to right, ending in three small orange dots.

Kentucky Cable & Telecommunications Conference Lexington

Presenter

Mike Hayden, Chief Operating Officer
Kentucky Communications Network Authority

8.30.16

Kentucky Partners



Project Consultant*

ctc technology & energy

engineering & business consulting

Original Core Leadership Team

Finance and Administration Cabinet



Center for Rural Development



Council of Postsecondary Education



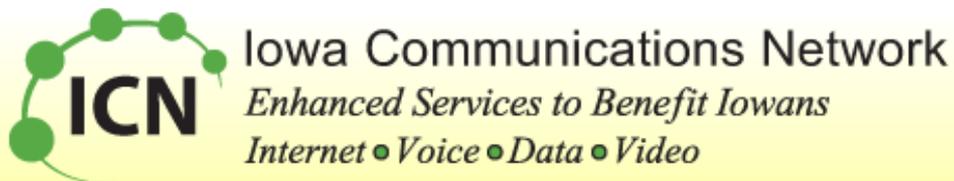
Kentucky Universities



Kentucky Department of Education (K-12)



*The Commonwealth leveraged a nationally known third party, Columbia Telecommunications Corporation Technology & Energy (CTC), as technical advisors.



OARnet

An **OH·TECH** Consortium Member



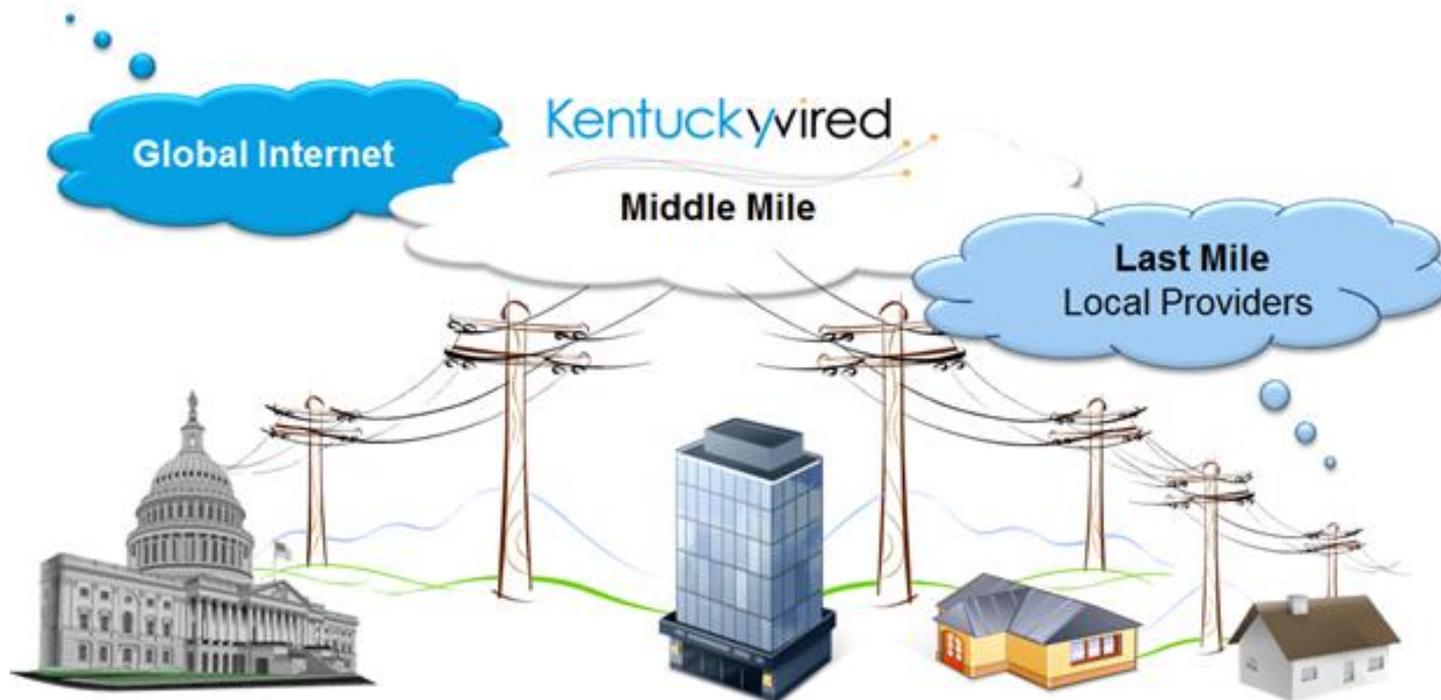
Kentuckywired **IS...**

- A state-owned physical fiber optic network; conduit for transmitting data.
- Open access; providers can connect equipment to KYW then build fiber to homes and businesses in a community.
- Wholesale provider of network capacity to providers; frees providers to invest in extending local fiber networks & growing their customer base.
- Presence in all 120 counties.
- Combining public and private funding resources.

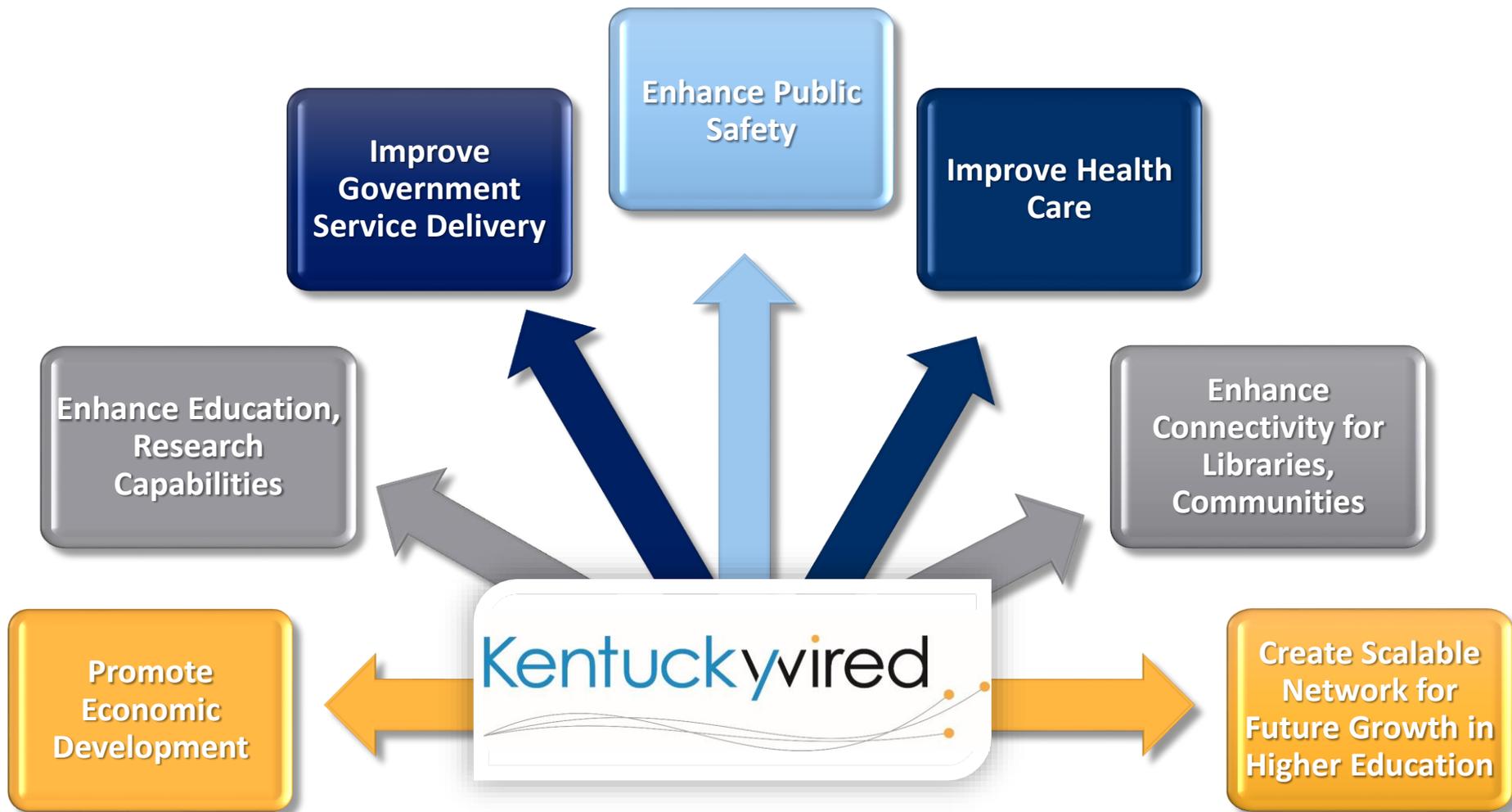
Kentuckywired **IS NOT...**

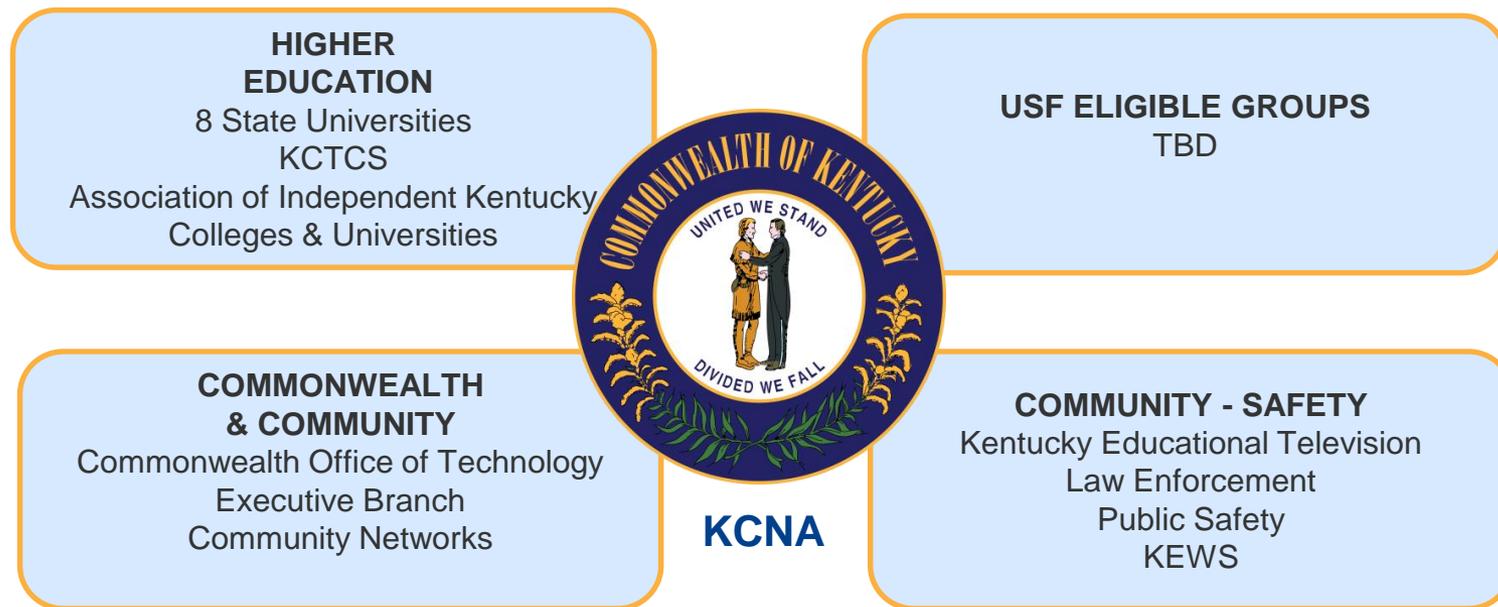
- An Internet service provider to individuals.
- Building fiber to individual homes or private businesses.

KentuckyWired (KYW), also referred to as Kentucky I-Way in eastern Kentucky, will provide **Middle Mile** infrastructure and support. **Middle Mile**, a physical system of fiber optic cable that will allow broadband service to be brought closer to communities. Think of KentuckyWired as an interstate highway system, connecting the worldwide Internet to “exit ramps” closer to a community.



Potential Benefits



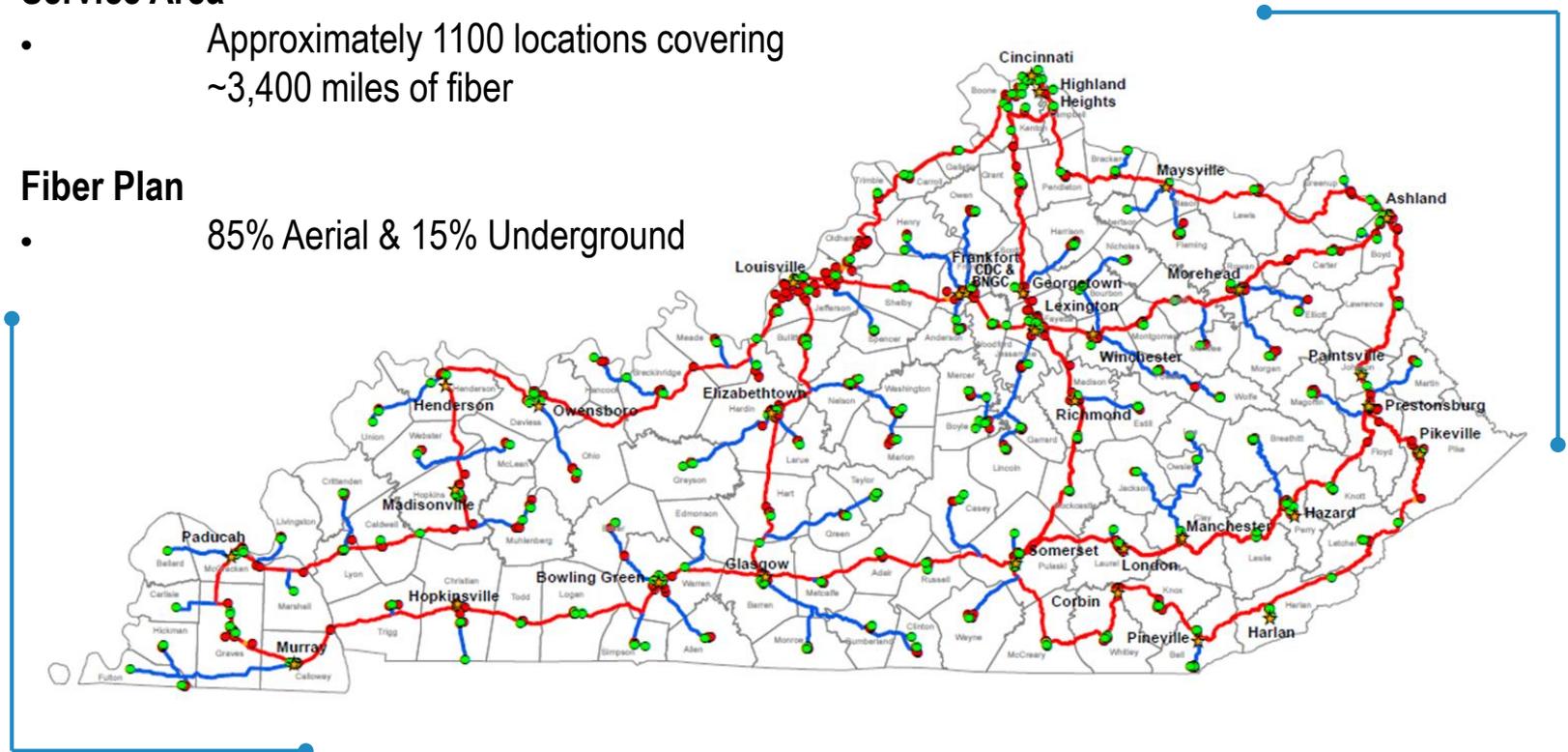


Service Area

- Approximately 1100 locations covering ~3,400 miles of fiber

Fiber Plan

- 85% Aerial & 15% Underground



*Preliminary map, subject to change.

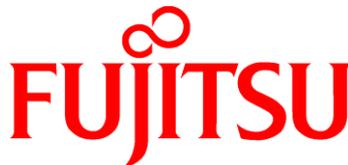
Vendor Commitment

- 100+** Crews statewide
- 60%** Local labor
- 8-12 %** Minority hire
- ~\$175M** Kentucky contracts

Jobs

Construction phase through 2018

- **~690 FTEs (at Peak)**
 - ✓ **Engineering**
 - ✓ **Construction Management**
 - ✓ **Field Crews**



Jobs through life of the contract

- **~20 FTEs**
 - ✓ **Executive**
 - ✓ **Engineering**
 - ✓ **Management**
 - ✓ **Administration**
 - ✓ **Skilled Technicians**

KentuckyWired Consortium

KentuckyWired Operations Company, LLC
*Ultimate Responsibility for Project Obligations,
 Project Management, Project Financing*



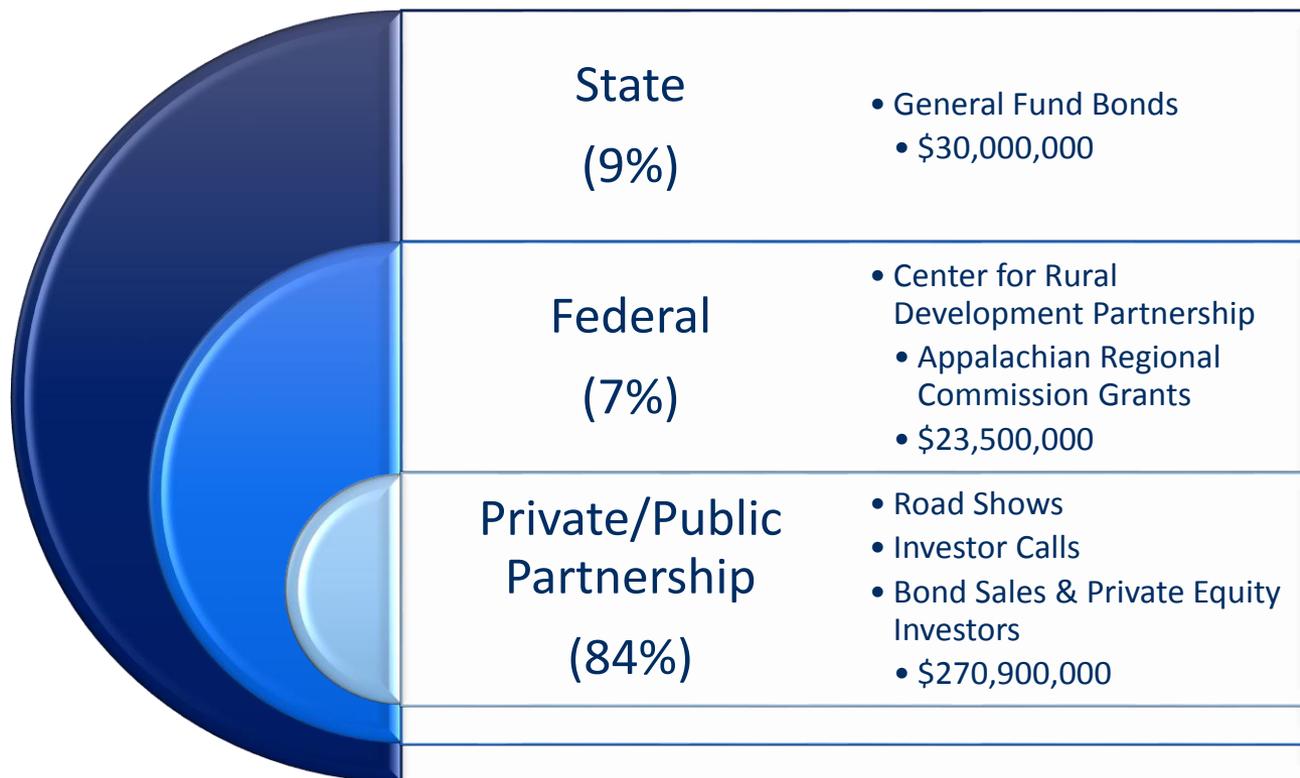
NG-KIH Design-Build Co, LLC
*Network Design, Construction,
 Service Migration*



LTS Kentucky Managed Technical Services LLC
*Network Operation, Network Refresh,
 Performance Deductions, Reporting*



Total Construction Financing \$324,400,000



Website: www.kentuckywired.ky.gov
Email: KentuckyWired@ky.gov
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Home About ▾ News & Events Getting Connected Resources Service Providers ▾

Announcements

Commonwealth Enters into a Strategic Agreement with Cincinnati Bell

Part of the KentuckyWired initiative, project construction costs will be reduced by approximately \$3,000,000

FRANKFORT, KY (June 3, 2016) – Kentucky Communications Network Authority (KCNA) today announced the Commonwealth will enter into a strategic agreement with Cincinnati Bell to partner on broadband network construction in northern Kentucky.

Cincinnati Bell provides integrated telecommunications solutions – including voice, data, high-speed Internet and video – to consumers and business customers across Greater Cincinnati and Northern Kentucky.

"Kentuckians will benefit from this agreement in two ways," said executive director Chris Moore. "Firstly, by partnering with Cincinnati Bell and leveraging existing infrastructure, project construction costs will be reduced by approximately \$3,000,000. The agreement highlights our ongoing commitment to work with existing infrastructure companies to efficiently and economically improve broadband services in the Commonwealth."



When is KentuckyWired coming to my county?

Get schedule information [here](#). Keep in mind this list is subject to change, as the design and build stages are still in their early stages. This schedule will change based on relocation of offices, building renovations and other changes made during the site verification process. Download the network map [here](#)

Recent Events



Executive Director, Chris Moore, testified at the August 1st meeting of the Interim Joint Committee on Appropriations and Revenue – Budget Review Subcommittee on General Government, Finance, and Public Protection.