

Benefits to Southampton

- Provide residents with State of the art, scalable and reliable fiber Internet service
- Used for Education, Remote work, telemedicine, entertainment, communications, and any future IP applications.
- Economic Development- key component of attracting new businesses.

Fiber to the Home/Business Network (FTTX)

- Initial service is 1 Gig by 1 Gig synchronous service, software scalable to 10 Gigs
- Highly reliable, design dedicates fiber to each home or business.
- Future proof is spare fiber during deployment, minimizes high-cost future expansions.

How Whip City Fiber (WCF) partners with municipal partners.

- Process to become a Municipal Light Plant (MLP)
- WCF provides utility pole application service, network design, full project management, project bidding for network construction, and subscriber installations.
- Full Internet Service Provider/Network Operator service on a wholesale cost per subscriber.
- Municipal partner provides capital funding and supports ongoing operating costs.

Proximity brings advantages.

- With a common border network construction models can be evaluated. the WCF network could extent services into Southampton (saving central network facilities, equipment, and independent Internet connections/backhaul costs). Alternatively, construct independent stand-alone network.

High level cost discussion

- Review utility pole make ready, network costs per mile, and house installations
- Capitol and expense outlay eventually returns revenue to offset operating expenses and debt repayment.