

WE ASKED. YOU RESPONDED. WE LISTENED.

FIBER- TO-THE- HOME

IS COMING TO MANNING, IOWA!

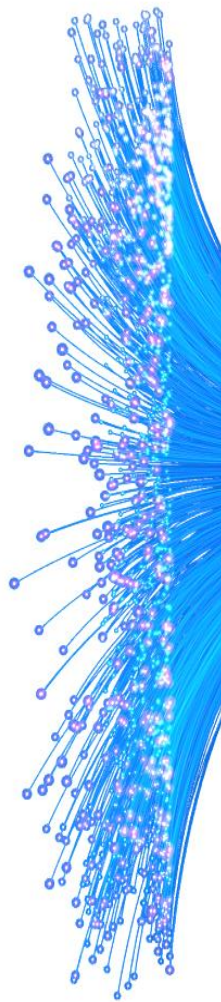
After the results and responses to recent surveys, MMU listened. Manning Municipal Utilities is excited to announce that our Fiber-to-the-Home project will start this spring!

WHAT IS FIBER-TO-THE-HOME?

A fiber-to-the-home or FTTH system is the delivery of a communications signal over optical fiber and is considered the "gold standard" for a communications network. FTTH systems deliver digital information more efficiently than traditional copper coaxial networks by providing higher bandwidth enabling more robust video, internet and voice services. In plain terms: BETTER SERVICE!

Will my yard get tore up?

A FTTH Network will require the installation of a new fiber optic cable to each customer's home or business. Our outside plant contractors, Perrin Construction & Schoon Construction will be placing plastic duct in the ground through which the fiber optic cable will be pulled. The duct will end on the side of the house at a new plastic enclosure. The placement of this duct to each home or business will be completed by digging/trenching/boring. The contractors will be responsible for restoring all property/yards/etc back to their original condition after construction is completed.



Manning

MUNICIPAL UTILITIES

ELECTRIC - COMMUNICATION - GAS

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WHEN WILL THIS PROJECT START AND WHEN WILL IT BE COMPLETED?

Weather permitting, MMU plans to begin construction the first week of April 2020. The projected completion date is set for November 2020.

FREQUENTLY ASKED QUESTIONS

What is the difference from what I have now?

FTTH Networks have many advantages over current technologies. The key benefit is that it provides for far faster connection speeds and carrying capacity than twisted pair conductors, DSL or coaxial cable. Fiber cables also provide for a higher degree of reliability. Because fiber cables are made from glass, they don't generate electricity or need grounding which makes them resistant to atmospheric and electrical interference. Fiber networks are also the most "future-proof" networks. Optical networks are upgraded by changing the electronics that create the light pulses on the cable and not by replacing the cables.

Why are we changing systems?

As more people go online and use more and more bandwidth, the shared cable system that MMU is currently using will not be able to keep up. By investing in a municipal FTTH Network, MMU will have the necessary infrastructure to ensure businesses have fast, affordable, and reliable internet access; the old DSL and cable networks just don't cut it. MMU's FTTH Network will improve productivity of existing businesses and attract new businesses to our community, allow individuals to work from home more effectively, support advanced healthcare and security systems, strengthen the local housing market and represent long term social investments and benefits in the form of better-connected schools and libraries.

Will this cost me more?

MMU will fund the infrastructure construction of this network from revenues received for services provided. However, new and improved services will be available once the construction is complete.

Will I need to download anything?

No. Nothing on the "customer" side of the network will change and you won't need to download anything.

Will someone need to come inside my house?

Yes. MMU personnel will need to install a new fiber-optic network terminal (ONT) at each location. This ONT will be placed inside of homes and businesses and will convert the fiber optic light signals into your traditional CATV, voice and internet services. Our technicians will contact each customer and make arrangements to install the ONT and cutover your communication services to this new network.

If I do not have MMU communication services, will they still be running fiber to my house?

Yes. MMU will install a new fiber optic service to every house and business in Manning.

What to expect during a power outage with fiber-to-the-home?

Fiber to the home service works differently than our previous hybrid-fiber-coax (HFC) network. With our HFC network, MMU supplied the electrical power over the coax lines to power the telephone in your home. Since the new system is entirely optical and can carry no power, the electronics placed inside your home must be locally powered. What this means is that a customer must install a battery backup inside your home if you want your landline phone to work during a power outage. There are also a few things to keep in mind to ensure your telephone service works during power outages. Phones that require commercial power (i.e. need plugged into an outlet) to operate will no longer be functional due to the power outage. This includes practically all cordless phones on the market. The handset will still likely power up, but since the commercial power is out at the base unit, no calls will be passed. The best way to keep telephone service during an outage is to keep at least one plain old telephone in your home in a convenient location.