

Medina County Fiber: Phase One Fact Sheet

www.medinafiber.com

What's happening?

Neighborly wants to construct open access fiber to the home networks in Seville, Westfield Center, Lodi and Guilford Township, expanding from the central Medina County Fiber Network. The second phase of the project will cover the rest of the County.

Why?

We know Medina County residents want more affordable and reliable internet options than the services currently available. Medina County Fiber will deliver better service with a lower price tag.

What does “open access” mean?

Open access networks allow multiple services and service providers to operate on a single, naturally-neutral network. This arrangement gives customers the ability to pick and choose services, from varying providers, according to their needs and budget. All subscribers can use a simple online services marketplace platform to make their selections.

What will you get?

Fiber networks provide symmetrical speeds — in other words, the same speed for download (e.g. video streaming) and upload (e.g. putting a video on YouTube or sending a large file to friends). There are no data caps or overage charges on any of these plans, and your subscription will be month-to-month: you aren't tied into long multi-year contracts, and can switch at any time through an easy-to-use online services marketplace.

For reference, the average residential internet connection in Medina County right now is: 29.5Mbps, compared to a national average of around 99Mbps.

Service	Price
<ul style="list-style-type: none">Fiber internet: 100/100 mbps	<ul style="list-style-type: none">\$49.95
<ul style="list-style-type: none">Fiber internet: 500/500 mbps	<ul style="list-style-type: none">\$79.95
<ul style="list-style-type: none">Fiber internet: 1000/1000 mbps (gigabit)	<ul style="list-style-type: none">\$149.95

<ul style="list-style-type: none"> • Television: Cable or IPTV 	<ul style="list-style-type: none"> • TBD
<ul style="list-style-type: none"> • VOIP 	<ul style="list-style-type: none"> • \$15
<ul style="list-style-type: none"> • Telehealth 	<ul style="list-style-type: none"> • TBD

What are the benefits of fiber?

When you stream videos, work from home, or just surf the internet, you are using technology that connects your phone, computer or mobile device from a network to the internet. Made of fiber threads instead of copper cable, the new network can transmit data at near the speed of light. That translates to faster load-times, smoother streaming, and reduced buffering. You'll notice the difference immediately.

How will high speed internet benefit me?

The speed of your connection will improve your online experience while you work and play. The super-fast transmission of data will give home-based workers fast, reliable, and clear connections to work most effectively; large files can be downloaded in seconds. Students will be able to use the best resources on the internet to carry out research and complete their homework. Farmers will be able to access essential market data in seconds. Medical personnel can monitor your health remotely and in real-time. At home, you will have a fast connection for everything you rely on the internet for, from video chatting with friends, to smart home uses like security cameras.

I heard that new wireless technologies like 5G can deliver the same kind of service as fiber-to-the-home. Is this true?

This isn't the case. Far from being replaced by new 5G wireless technology, fiber networks are the critical underpinning that power this and other wireless technologies. 5G small cells offer remarkable ability, but only when connected to fiber and with very sharp limits. As an aside, while the cells are called "small" because the service is small, the device itself is rather large — about the size of a refrigerator, with a maximum range of around 500 feet, so tens of millions of these refrigerator-sized devices will be required every few hundred feet to power a truly ubiquitous 5G network.

Who is leading this project?

Medina County Fiber is a network designed and constructed especially for Medina County residents. Neighborly is the project sponsor, coordinating the full process: from engineering and design to financing and construction.

Who is Neighborly?

Neighborly is a technology company that connects communities and capital for vital public infrastructure projects. The company has a dedicated broadband infrastructure practice with a full service solution for deploying open access fiber broadband networks in communities across the U.S.

How can I get this kind of internet connection?

We're asking residents to take a short survey to help us design and build the best network for your community. You can take the survey and express your interest in this new network at www.medinafiber.com. After you complete the survey, and enough of your neighbors do too, you'll be prompted to sign-up for service and then we can begin construction.

What if I sign up but my neighbors don't?

The key to converting your neighbors, colleagues, and friends will be to explain the benefits of this new network to them! You can help us build support for this project by becoming a Network Founder. You can tell us whether you want to do this in the survey at www.medinafiber.com.

What does it mean to be a Founder?

Projects like this need Network Founders to spread the word. These Founders will help lead the grassroots marketing campaigns designed to educate, energize, and drive engagement to make this a successful and sustainable project. If you're interested in becoming a Founder, complete the survey at www.medinafiber.com.

If you're not sure about being a Founder, we still need all residents to take a survey that will help us map demand for the network. The results of this survey will also help us design the most efficient construction plan.

What's the timeline for construction and service?

We anticipate starting construction in the summer, and rolling out service before the end of the year.

Should I expect disruption during the construction period?

Our goal is to keep disruption to a minimum by designing and executing the most efficient deployment plan. We will stay in regular touch with all residents who have signed-up at www.medinafiber.com to ensure every community member understands what's happening at each stage of the process.

Are these networks safe?

Fiber-optic networks do not emit electromagnetic radiation, no matter how high the frequency of transmission. On the security side, we are working with Siemens to build in security systems and checkpoints to make sure that your data is safe.

What will the network look like?

In some communities, we will bury the fiber underground, and in others you'll see wires attached to utility poles. Once we have completed our full assessment, we will update community members on the plan before starting construction,

Do I need to do anything in my home to get ready?

You don't need to do anything. We will handle the installation of everything you need.

How can I receive news and updates?

Once you take the survey at www.medinafiber.com we'll add you to our mailing list. We promise not to email you too often — our goal is to make sure every interested resident understands what's happening at each stage of the process.