

# From Here to the Future ...with FIBER!

High Speed Internet › Digital Cable › Phone



*You've seen our construction progress in town this summer and have called or stop in with questions. Following are answers to some of the questions you've had. Please don't hesitate to contact our office at 284-7221 if you have additional questions or comments.*

**Q› What are the advantages of me having FTTH?**

**A›** FTTH (Fiber-to-the-Home) gives you several advantages. Fiber gives you the capability for an indefinite amount of data, which is becoming a necessity in today's world. Fiber allows for much larger bandwidth and much faster delivery speeds which are essential for triple play offers in video, data and voice services. This will give you more options for bandwidth demanding services such as video-chatting, gaming, and streaming video. With all of these options available to you, it will also increase the value of your home and community.

**Q› How does this benefit Park River?**

**A›** As with any utility, having the most capable and reliable infrastructure gives more value to the community and its residents. Connecting Park River with fiber brings big benefits. Having the option for this much capacity attracts businesses that require large amounts of bandwidth for their operations. This may be the same case for residential customers. More and more...consumers are demanding higher amounts of capacity in their homes. This fiber overbuild prepares us all for what's to come in the future.

**Q› Am I required to cutover to the new FTTH Services?**

**A›** Yes. Polar currently provides services on a copper plant. Following each upgrade, the copper plant will be abandoned, leaving FTTH services the only option for receiving services from us.

**Q› What is the backup capability if the power goes out?**

**A›** In the case of a power failure the ONT (Optical Network Terminal) will operate on a built-in battery source for up to 8 hours.

**Q› How much electricity is it going to cost to run the box in the basement?**

**A›** Approximately 90¢ per month.

**Q› Why do we need power to run phone service when we don't need it now?**

**A›** Fiber does not conduct electricity; therefore, power is required for the new fiber technology equipment to work. Fiber is needed for bandwidth now and in the future.

**Q› When is the estimated date that the new service in Park River will be turned up?**

**A›** Service will be turned up in phases, expected to begin in late August and continue through early 2011.

**Q› Why is Polar requiring a box for every TV?**

**A›** The Set Top Box is the device that converts the signal for the TV to work. Because television manufacturers have no required standards, a box is necessary to transmit the signal from us to your TV. This will also give us the ability to add programming almost immediately for customers when requested.

**Q› Are there any plans in the future to eliminate Set Top Boxes?**

**A›** Set top boxes are required to transmit the signal cable companies provide to the consumer. Television manufactures have forced this option because they have not set standards so that the technology could be included in the TV. As technology develops there will more than likely be alternatives to having a set top box for each television. As such devices are available, Polar will provide alternative solutions.

**Q› Is it possible to use some sort of wireless for TV services rather than have to re-wire our house.**

**A›** Video requires a very large amount of bandwidth and wireless is not reliable to transport video