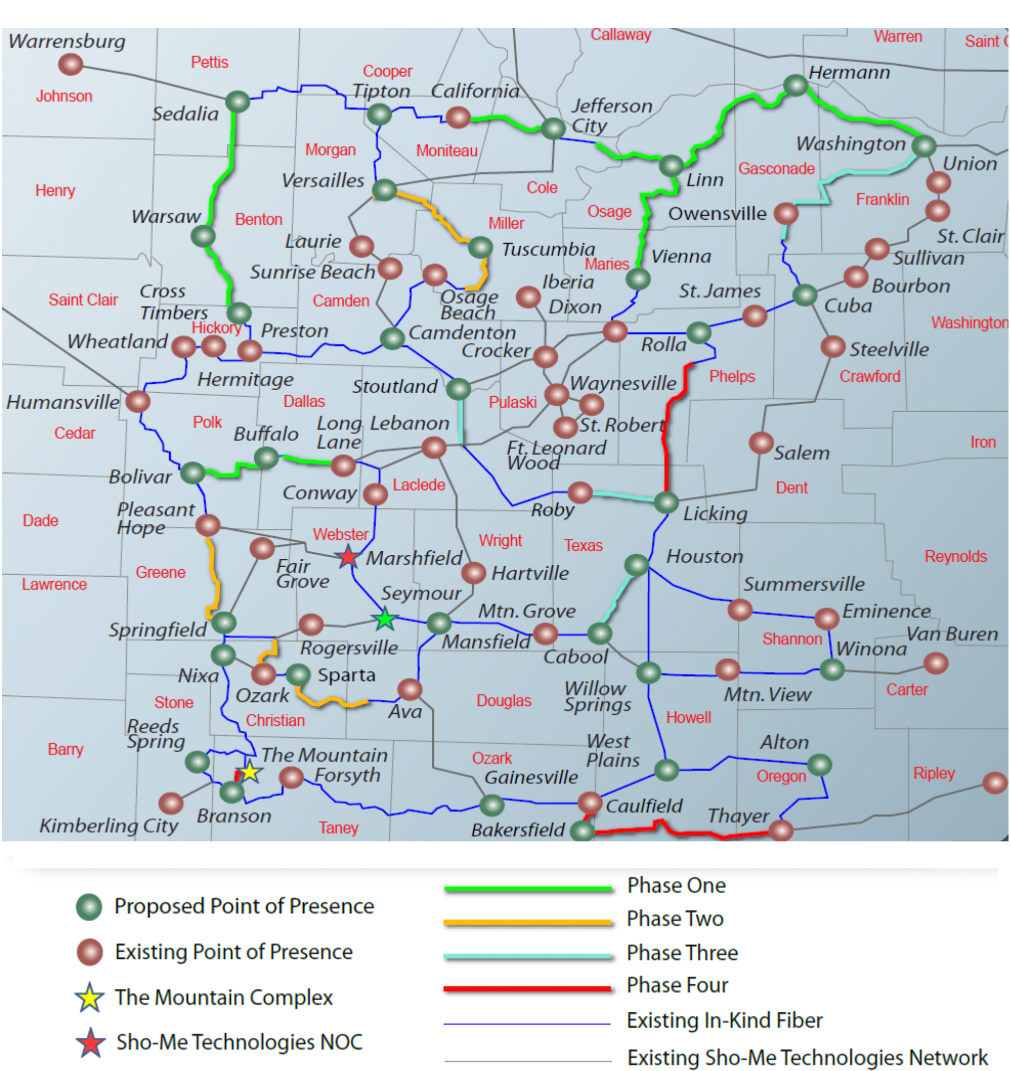
SHO-ME MO

Project Update

Weekly Update May 30, 2011

Phase I construction is set to commence on June 1st. This is very exciting for the Sho-Me team as we have worked long and hard to get to this point in the project. We anticipate announcing the Community Anchor Institutions for Phase I next week. The list is getting final approval and it is my hope to be able to publish those recipients in next week's edition. Finally, last week I made reference to a couple of new RFPs being released. We did face a few delays and we hope to have those published sometime over the next few weeks. Please let us know if you have any questions or would like additional information.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Crocker
Pulaski
Waynesville
Rolla
Phelps
Steelville
Crawford
Humansville
Cedar
Polk
Dallas
Buffalo
Long Lane
Lebanon
Ft. Leonard Wood
St. Robert
Salem
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Mtn. View
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Christian
Ava
Howell
Barry
Reeds Spring
The Mountain
Forsyth
Ozark
Gainesville
West Plains
Alton
Oregon
Ripley
Kimberling City
Branson
Taney
Bakersfield
Caulfield
Thayer
Proposed Point of Presence
Existing Point of Presence
The Mountain Complex
Sho-Me Technologies NOC
Sho-Me Technologies Back-up NOC
Phase One
Phase Two
Phase Three
Phase Four
Existing In-Kind Fiber
Existing Sho-Me Technologies Network

Raymondville: Fiber to the Home Project

Sho-Me Technologies is not new to the telecommunications business. We have been operating our fiber optic network for almost 15 years and our experience goes much deeper than that when you consider the previous microwave system that helped manage our power grid for decades. Even with these practices, it is exciting to start a project like "Sho-Me MO" and we look forward to the new experiences that come with this project. Preparations for this project are reminiscent of when we started another "new" endeavor: Four years ago, the Raymondville Fiber to the Home project was the new exciting venture we were partnering on. The project was a collaboration of the Texas County Rural Area Information Network (T.R.A.I.N.), MOREnet, Intercounty Electric Cooperative, and Sho-Me Technologies, and was funded by a grant provided by the USDA. Four years later, the project is complete and has been a huge success. The program has a high subscription rate that is well above industry standards. This is impressive given the fact that this community now has multiple providers to choose from for their Internet service. One provision of the grant was that a community center be established that would allow residents to access the Internet on public computers. The Raymondville Community Access Room now houses the T.R.A.I.N. helpdesk and is located next door to the village hall. According to Farrell Christeson of T.R.A.I.N., the center averages 25 users each day. Sho-Me was very happy to be a part of such a positive program. It greatly improved the opportunities of this small community. For more information about T.R.A.I.N. and their service offerings, check out their website by clicking here.

Fiber Optic Bandwidth Limits?

One question the Sho-Me Tech staff hears on occasion is "So what are the bandwidth limits of fiber optics?" This is a very popular question and a very good one as most customers are accustomed to a copper solution, which has very limited capacities. Recently, a group of scientist from Germany, Switzerland, and the United Kingdom came up with the latest answer. That answer is 26 Terabytes per second (Tb/s). This bandwidth was shot via a single laser carried over fiber for approximately 27 miles. To put that into context, that bandwidth is equivalent of 400 million phone calls taking place over that fiber at one time. It is also noted that a higher bandwidth of 109 Tb/s was shot using multiple lasers. To read more about this study and its findings, check out the article by clicking here.

Check Out our Website - www.shometech.com

Sho-Me Network Improved with Back-Up NOC

EARTHQUAKE
TECTONIC
INTENSE
TRAGEDY
CLOUD
ROTATING
OCEAN
DISASTERS
SUPERCELL
TYPHOONS
UPDRAFT
TORNADOES
TROPICAL

At Sho-Me Technologies, we are continuously working to improve our network. One of our most recent improvements is the addition of a back-up Network Operations Center (NOC). The new back-up site will house equipment identical to that found in our primary NOC. This redundancy will allow traffic and operations to easily be resumed at the back-up NOC should anything happen to put the primary location out of service.

Click here to read the full article.

To remove your name from our mailing list, please click here.

Questions or comments? Email us or call (417) 859-3358

SHO-ME TECHNOLOGIES LLC

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