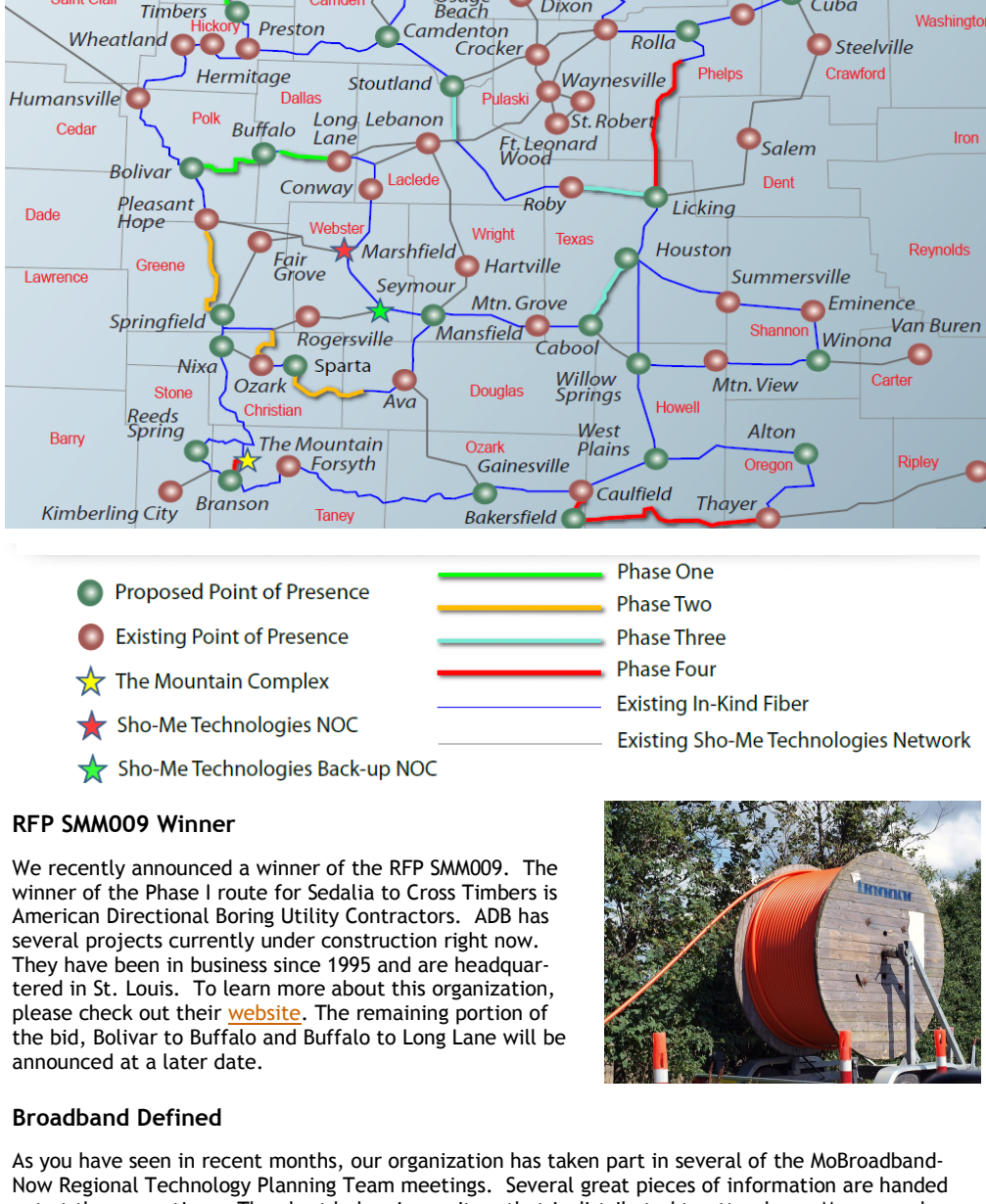


Project Update

Weekly Update

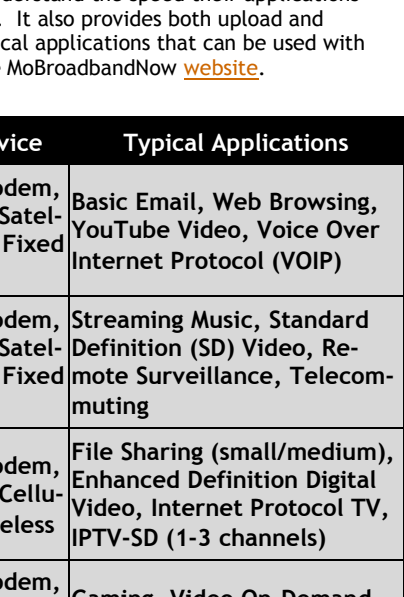
May 2, 2011

This week, several Sho-Me Tech personnel found themselves in training. We recently received both the Telco and ADVA equipment to be used for the Sho-Me MO project and our engineering crews have been working to better understand the new equipment. We also received and filed our official fiber appraisal done by NEO Fiber. The fiber appraisal came in higher than we anticipated which increases the value of the fiber we are donating to this project. The winner of RFP SMM009 has been announced. More information about this award winner is below, as well as a chart that depicts varying broadband speeds and uses. If you have any questions or need more information, please let us know.



RFP SMM009 Winner

We recently announced a winner of the RFP SMM009. The winner of the Phase I route for Sedalia to Cross Timbers is American Directional Boring Utility Contractors. ADB has several projects currently under construction right now. They have been in business since 1995 and are headquartered in St. Louis. To learn more about this organization, please check out their [website](#). The remaining portion of the bid, Bolivar to Buffalo and Buffalo to Long Lane will be announced at a later date.



Broadband Defined

As you have seen in recent months, our organization has taken part in several of the MoBroadbandNow Regional Technology Planning Team meetings. Several great pieces of information are handed out at these meetings. The chart below is one item that is distributed to attendees. Many people know they need broadband, but all too often, they do not understand the speed their applications require. This chart offers a breakdown of bandwidth speeds. It also provides both upload and download speeds, the type of service for each, and then typical applications that can be used with each bandwidth speed. For more information, check out the MoBroadbandNow [website](#).

Download Speeds	Upload Speeds	Type of Service	Typical Applications
≥ 768 Kb/s but < 1.5 Mb/s	≥ 200 Kb/s but < 768 Kb/s	DSL, Cable Modem, Fiber Optics, Satellite, Cellular, Fixed Wireless	Basic Email, Web Browsing, YouTube Video, Voice Over Internet Protocol (VOIP)
≥ 1.5 Mb/s but < 3 Mb/s	≥ 768 Kb/s but < 1.5 Mb/s	DSL, Cable Modem, Fiber Optics, Satellite, Cellular, Fixed Wireless	Streaming Music, Standard Definition (SD) Video, Remote Surveillance, Telecommuting
≥ 3 Mb/s but < 6 Mb/s	≥ 768 Kb/s but < 1.5 Mb/s	DSL, Cable Modem, Fiber Optics, Cellular, Fixed Wireless	File Sharing (small/medium), Enhanced Definition Digital Video, Internet Protocol TV, IPTV-SD (1-3 channels)
≥ 6 Mb/s but < 10 Mb/s	≥ 1.5 Mb/s but < 3 Mb/s	DSL, Cable Modem, Fiber Optics	Gaming, Video On-Demand
≥ 10 Mb/s but < 25 Mb/s	≥ 3 Mb/s but < 6 Mb/s	DSL, Cable Modem, Fiber Optics	Telemedicine, Remote Education, IPTV-High Definition (HD)
≥ 25 Mb/s but < 50 Mb/s	≥ 6 Mb/s but < 10 Mb/s	Cable Modem, Fiber Optics	High Definition Video Surveillance, Advanced remote access to applications
≥ 50 Mb/s but < 100 Mb/s	≥ 10 Mb/s but < 50 Mb/s	Cable Modem, Fiber Optics	Video conferencing with multiple users, Remote Supercomputing
≥ 100 Mb/s	≥ 100 Mb/s	Fiber Optics	Real-time data collection, Real-time medical image consultation, Remote Supercomputing

Check Out Our Website! www.shometech.com

Individualized Websites

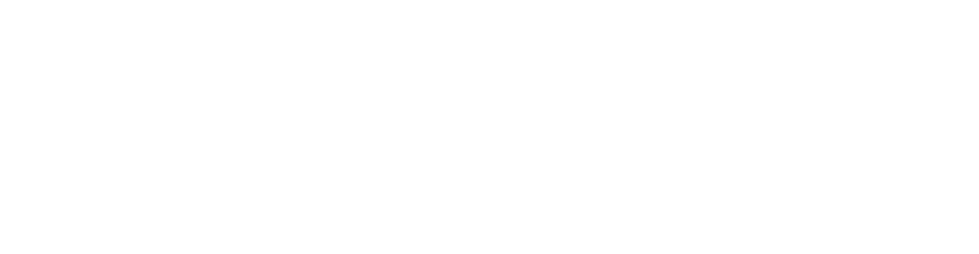
There is no doubt that the process of upgrading a corporate network can be a little intimidating to many, if not all, IT professionals. The process requires a lot of planning, coordination and most importantly patience. The whole progression can be draining, frustrating, and simply overwhelming. The staff at Sho-Me Technologies is taking steps to try to make that process easier. On large projects involving multiple circuits, a secure project website can be set up. The site can display various updates such as estimated completion dates, provisioning information, network drawings, and equipment updates, as well as reports on any problems that may arise.



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