



Introduction:

M2PNET is enthusiastic about responding to the FCC GN Docket No. 13-5 and ecstatic about the opportunity to provide connectivity to rural areas across our nation.

M2PNET has extensive experience in utility construction and was instrumental in the installation and maintenance of the recent BTOP FOCUS project located in Oconee County, South Carolina. As a result of its involvement in the FOCUS project, M2PNET learned that there are great deficiencies in broadband coverage and available service across much of rural America. M2PNET's staff worked closely with Oconee County's staff to connect CAIs across the county. It was also through the involvement in this project that M2PNET learned the magnitude of the impact broadband connections can have on CAIs such as schools, libraries, emergency operations, fire stations, police stations, rescue centers, community centers, local, state, and federal government facilities.

Experience:

M2PNET has years of experience with Outside Plant fiber construction and its experience proved unsurpassable in the installation of the Oconee FOCUS project which was constructed and completed in less than 2 years.

M2PNET designs and implements optical DWDM networks which provide transport and backhaul, metro-e based service, and Gigabit Passive Optical Networks (GPON).



Approach:

M2PNET currently has 24 strands of fiber across the Oconee County FOCUS network. M2PNET would like to catapult its fiber from Oconee County to connect the entire state of South Carolina as one network. The intention is to use Oconee County as a launching point for M2PNET to connect the state's given eligible census tracts and provide connections to CAIs along the routes. Obviously, it would be prudent to install higher fiber strand count cable which will allow subsequent connections to commercial and residential customers in the future. CAIs will be given connection preference and a higher priority while commercial/residential connections, although important will always be given secondary priority. The importance of these later connections is the ability to provide the essential financial sustainability of the network, in other words, these connections will provide the necessary income stream which will fund the reoccurring inside operation and outside maintenance costs of the network.

M2PNET is seeking funding to subsidize the construction and procurement of electronics utilized in building a state wide network connecting CAIs across the described areas.

M2PNET plans to work with all of the local, state, and federal agencies in each of the census tracts to maximize the potential CAI take rate. M2PNET has a proven method for attracting and seizing CAI/customer connection agreements.



Expansion:

M2PNET understands the urgency and embraces the idea of a 5 year construction plan. Using South Carolina as its foundation, the intention is to expand the network across the southeastern neighboring states. The execution of the South Carolina project will provide further and undisputable proof of M2PNET's ability to deliver projects on-time and on budget and it will conclusively justify the continued support for the network build-out across neighboring states.

M2PNET is prepared to complete the entire multi-state network within the allotted 5 year time frame. M2PNET believes that it is crucial to prove their ability to deliver and the most viable means to do so will be through the South Carolina network.

Conclusion:

M2PNET is a for profit company, but still it believes and has proven that beyond the initial network installation, connections to CAIs can be financially supported and continually sustained through commercial and residential services sales.

These income producing connections, although connected to the network backbone will not be implemented through government funded fiber, they will instead be privately funded.

Sincerely,

Fred Machado