

EXECUTIVE SUMMARY

The Jefferson County Public Fiber Network (JCPFN) is an essential utility for economic growth and public safety. The design presented here includes partnering with private and public entities that not only lowers the JCPFN construction cost but also greatly reduces its operations cost.

The Rationale section of this report will illustrate that Fiber Networks grow rural economies and jobs, thereby producing a great return on public investment.

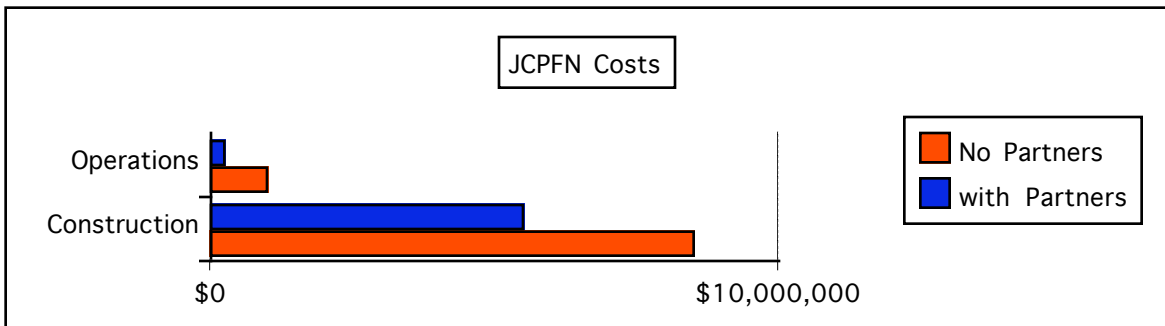
A hundred years have gone by since farmers struggled to transport their products to market and struggled to get the fire brigade to a burning barn. Today, these problems are resolved by one of the best road systems in the world; a publicly funded road system.

Telecommunications plays an increasing role not only as a transport system for the rural economy but, also for enhancing public safety. Currently, we have telecommunications “footpaths” in Jefferson County. It is time to build telecommunications “roads” to energize the economy and improve public safety.

The Proposal & GUIDE sections of this report reveal a detailed plan to build a partnered Jefferson County Public Fiber Network with the lowest operations and maintenance costs possible.

The cost to build the fully envisioned JCPFN without private partners is estimated at 8.5 million dollars. The projected actual cost to the public (with private partners supplying significant network assets) is estimated at 5.5 million dollars.

The cost to operate JCPFN without private partners is estimated at 1 million dollars annually. The projected actual operations cost to the public, with private partners supplying emergency monitoring and maintenance, is 250 thousand dollars annually.



JCPFN operating as a Public Development Authority (PDA) will have the ability to conduct business and enter into contracts appropriate to the telecommunications environment.

JCPFN is the telecommunications foundation that will meet our needs through the 21st century.

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