



# BROADBANDUSA

CONNECTING AMERICA'S COMMUNITIES

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<b>Organization:</b>	<b>Texas A&amp;M University System</b>
<b>Project Name:</b>	<b>Texas Pipes</b>
<b>Project Type:</b>	<b>Comprehensive Community Infrastructure</b>
<b>State:</b>	<b>Texas</b>
<b>Federal Award:</b>	<b>\$6,550,775</b>

### ABOUT THE PROJECT

To bring state-of-the-art communications capacities to underserved schools and other community-serving institutions across Texas, the **Texas A&M University System** is proposing to deploy a fiber optic broadband network to provide 1 Gbps to 10 Gbps service to almost 50 community anchor institutions. The project plans to extend service to 13 campuses and the surrounding communities in Corpus Christi, Kingsville, College Station/Bryan, Waco, Canyon, Prairie View, Laredo, Texarkana, Commerce, Galveston, Stephenville, San Antonio, and Killeen. These areas encompass four predominantly Hispanic communities, the Historically Black College of Prairie View A&M, and the area immediately adjacent to Fort Hood, the largest U.S. Army post in the country. The project predicts that the network will serve 114,000 students and 27,000 faculty and staff, as well as connect the university police departments to the State of Texas Department of Public Safety to enhance security and safety and help advance Texas's Next Generation 911 network.

Texas Pipes also proposes to:

- Construct 147 new miles of fiber and leverage over 2,500 miles of existing fiber to create a network capable of providing speeds between 1 Gbps and 10 Gbps to potential local Internet providers.
- Facilitate more affordable and accessible broadband service for up to approximately 96,400 households and 4,200 businesses by enabling local Internet service providers to utilize the project's open network. Five independent last-mile broadband providers plan to utilize the new infrastructure to enhance Internet service for households and businesses.
- Enable middle-mile connectivity to as many as 49 additional anchor institutions, including as many as six K-12 school districts, two public safety entities, four healthcare providers, and two libraries.

### ORGANIZATION'S HISTORY

The Texas A&M System has provided advanced network services for over 20 years. This project will leverage existing fiber currently deployed by University partners in a public-private partnership, as well as the University's existing network operations center, secure billing, customer care, and operational support systems to manage the networks.

### PROJECT PARTNERS

- City of Corpus Christi
- Texas Department of Public Safety
- Texas Lone Star Network, LLC
- Mid-Plains Rural Telephone Cooperative, Inc.
- Wintel Fiber
- Totelcom Communications, LLC
- Peoples Telephone Cooperative, Inc.

Data provided in the project description is based on information supplied by the applicant. An executive summary of this application can be found on [www.ntia.doc.gov/broadbandusa](http://www.ntia.doc.gov/broadbandusa).

For press-related inquiries, contact 202-482-7002 or [press@ntia.doc.gov](mailto:press@ntia.doc.gov). For the general public, contact [BTOP@ntia.doc.gov](mailto:BTOP@ntia.doc.gov).

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