Organization:	Dakota Carrier Network, LLC
Project Name:	DCN's CCI Broadband Project
Project Type:	Comprehensive Community Infrastructure
State:	North Dakota
Federal Award:	$10,781,157

ABOUT THE PROJECT

Dakota Carrier Network's CCI Broadband project proposes to provide high-speed fiber connectivity to more than 175 largely rural and underserved North Dakota critical community anchor institutions, including public safety entities, schools, and government agencies. The project involves a unique combination of public and private partnerships and collaboration with multiple Round One Recovery Act broadband awardees to provide last mile service. Given the largely rural, underserved nature of the proposed service area, in which many community anchor organizations lack access to necessary last-mile broadband speeds, DCN intends to deploy 169 miles of new fiber with backhaul speeds as fast as 1 Gbps to enable last-mile service across the state. The project also proposes to enhance e-health in the state by deploying a dedicated 10 Gbps healthcare network for over 200 hospitals, clinics, and other healthcare providers to enable telemedicine, teleradiology, telepharmacy, and electronic health information exchange.

DCN's CCI Broadband Project also proposes to:

▪ Connect more than 175 community anchor institutions with speeds between 10 and 100 Mbps, including 27 K-12 public schools, 33 public safety entities, 79 healthcare facilities, and 36 government buildings.

▪ Facilitate more affordable and accessible broadband service for approximately 2,700 households and 600 businesses by enabling local Internet service providers to utilize the project's open network.

▪ Improve public safety by connecting or upgrading service to public safety entities statewide, including the North Dakota Department of Emergency Services E911 Public Safety Access Point and the National Guard.

▪ Interconnect with BTOP Round One awardee South Dakota Network, LLC to facilitate a regional middle mile network across the upper Midwest.

ORGANIZATION'S HISTORY

DCN has over 13 years of experience engineering, managing and installing voice, data and ISP services in North Dakota, serving every community in the state with services including carrier Ethernet, private line, ATM, frame relay and high-speed Internet access.

PROJECT PARTNERS

▪ BEK Communications Cooperative
▪ United Telephone Mutual Aid Corporation
▪ Dakota Central Telecommunications Cooperative
▪ SDN Communications
▪ Midstate Telephone Company
▪ North Dakota Department
    of Information Technology
▪ Moore & Liberty/Griggs County Telephone

▪ North Dakota Telephone Company
▪ Northwest Communications Cooperative
▪ Polar Communications Mutual Aid
▪ Inter-Community Telephone Company
▪ Reservation Telephone Cooperative
▪ SRT Communications
▪ Consolidated Telcom
▪ Red River Telephone Association