The City of Lindsborg is a small rural community in central Kansas. BTOP Grant proceeds are necessary to deploy a fiber-based community network that will support the ultra-high speed broadband needs of all the community’s anchor institutions and the City’s public safety agencies. These anchor institutions include the local facilities of the Smoky Valley Consolidated School District (USD #200), Bethany College, the Lindsborg Community Hospital, the Bethany Home elderly care facility, the Lindsborg Public Library, Lindsborg Police and Fire Departments, Lindsborg Municipal Utilities and Governmental Offices. The fiber network will include direct fiber connections to broadband wireless equipment that will be used to extend the network to remote locations where a direct connection to the fiber network is less economically viable. These broadband wireless connections include three municipal water wells that are the Community’s primary source of drinking water and three public access WiFi hot zones at the City’s public parks to support demand for broadband services from students, residents and visitors to the community. The award of BTOP grant funds will allow Lindsborg to substantially improve educational opportunities within the community. Ultra high speed connectivity among the City’s schools, to the Public Library, and local college allows development of additional course offerings and provide access to research tools virtually inaccessible because of slow connection speeds. Bandwidth performance over the proposed gigabit fiber network will increase over 100 times that of the school’s existing capabilities. There are no economically viable alternatives that offer the bandwidth potential of the proposed community network. The gigabit connectivity between the Hospital and the Bethany Home elderly care facility will provide health care improvements for one of the most vulnerable population groups in the community, its elderly residents. Telemedicine capabilities possible because of a BTOP grant award will mean that elderly patients will not have to be moved from the warmth and safety of their nursing facilities via ambulance to the Hospital, moved into the Hospital for an uncomfortable wait to see the doctor, then back to the ambulance and the return trip to their nursing facilities. High definition video conferencing equipment at the Hospital and Bethany Home elderly care facility will greatly ease the potential pain and suffering caused by these moves to and from the Hospital for these elderly patients. It is also a much more efficient and cost effective use of ambulance and emergency medical technicians' time, allowing those resources to be used where needed most.