Project Description Statement:

Stanton Telecom, Inc. (STI) proposes to build fiber past every location within the Proposed Service Area. The StantonCountyRural project will consist of all buried fiber cable. The provided design map (M_2) identifies the potential corridors for the proposed construction of the fiber optic facilities. Fiber optic cable construction shall primarily occur on previously disturbed public right-of-way. The fiber optic cable will be knifed into the soil at an approximate depth of 42 inches or with a directional boring machine. All streams and wetland areas will be directional bored to avoid impacting those types of environments. Maintenance will be performed by the STI staff.

The proposed StantonCountyRural Project consists of 12.7 miles of direct buried fiber cable including drop cable. If all 52 subscriber locations take service, there will be approximately 3.3 miles of fiber drop cable.

The proposed project will make use of a new PON cabinet that will house the remote splitters and be used to terminate the mainline distribution fiber cable. The new PON cabinet will be fed from an existing Calix E7 OLT node in the Stanton central office. The Stanton central office is located approximately 11.9 miles (19.1 km) from the new PON cabinet and the farthest subscriber location is an additional 2.1 miles (3.5 km) from the new PON cabinet. The combined distance is well within the range of the Calix GPON optics. At each location that takes service, STI will deploy an Outdoor Optical Node Terminal (ONT).

Given the number of construction miles, STI does not foresee the mainline construction taking more than 82 calendar days (7 weather shutdown days included) to complete. Depending upon the number of locations that take service, the deployment of ONTs will be completed soon after the mainline construction is completed. Given the relative short construction period, STI believes that construction will be completed well before the December 3, 2026 deadline. See the provided construction schedule M_3.