

Project Description Statement:

Stanton Telecom, Inc. (STI) proposes to build fiber past every location within the Proposed Service Area. The Crown Rd 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 Crown Rd Project consists of 2.49 miles of direct buried fiber cable. If all 18 subscriber locations take service there will be approximately 0.85 miles of fiber drop cable.

The proposed project will consist of one (1) PON cabinet that will house the remote splitters and terminate the new fiber cables. 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 9.9 miles (15.9 km) from the new PON cabinet. This distance is well within 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 12 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 can be completed and the system tested by late June of 2022. This is well within the 18-month time period allotted. See the provided construction schedule M\_3.