



Road way Right-of-Way

Central Texas Telephone Cooperative, Inc.
June 2016

TX549-02-002

PROJECT DESCRIPTION

Central Texas Telephone Cooperative Inc. (CTTC) of Goldthwaite, Texas is continuing to upgrade their telephone network through the construction of fiber optic cable that will replace existing copper cable facilities to provide higher speed and more reliable telecommunications services to the people in the town and rural areas in Eola and Vancourt located in Tom Green County. County Roads; Phinney Rd, Gesch Rd, Powell Ln, Schriever Rd, Englert Rd, Brenek Rd, Sanders Rd, Allen Loop, and York Rd.

Scope of Work

Fiber cable facilities will be constructed utilizing buried construction techniques. When applicable, the contractor may use a method of plowing the cable into the ground using a ripper attachment. This method opens a small, narrow trench, inserts conduits, and closes the trench, all in the same process. This method minimizes the environmental impact during construction. In the event that paved roadways or crossing other utilities are encountered, boring, pot holing, and/or back hole inserts will be the method of construction. There are areas that have existing conduit/hand holes that need to be accessed to utilize by either pulling new fiber through or constructing a route off of. The cable will be pulled through conduit, terminated, and accessible in underground hand holes in various locations along the route as necessary. Buried cables will be placed at a minimum depth of 42 inches below the surface along established roadways and utility easements. The fiber cable is necessary to provide high capacity bandwidth to fiber electronic equipment to allow for the continued deployment of broadband services. The existing copper facilities are no longer adequate to provide the capacity necessary to provide broadband services to the customers in the areas of the proposed construction.

Contractor Responsibilities

Prior to any underground penetration or excavation, contractor shall have all utilities located by central locator service (Digtess; Texas on call; Lonestar Exchange; or Current locator service). Contractor shall bury fiber optic lines at a depth of 42'. No utilities are to be crossed without pot holing and verifying of location. If crossing other utilities at the same depth, the contractor must bury under leaving 1' separation. Contractor shall bore all road crossing and driveways. Where the longitudinal trenching is permitted on the ROW, backfill shall be compacted to densities of the surrounding soil. Bore pits shall be located at the specified end of the encasement and shall be constructed in such a manner as to not interfere with roadway structural footings, safe roadside clearance and traffic operations. When possible, excavated dirt should be placed on the



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oncoming traffic side of the fore pit. Traffic control and protective devices shall be used and must conform to the “*Texas Manual on Uniform Control Devices for Streets and Highways.*” Right-of-Way shall be reshaped to its original condition or better and the area reseeded or reseeded to reduce erosion.

Time of Construction

Construction is scheduled to start in September, 2016 and conclude in December.