

SECTION 360**TELECOMMUNICATIONS INSTALLATION****360.1 DESCRIPTION:**

This work shall consist of the individual installation of underground telecommunications facilities within the public right-of-way. This specification is not intended for joint trench installations.

Other than as described within this manual or by Agency supplements, all work shall conform to the latest version of the National Electrical Safety Code (NESC).

The contractor shall follow all local and state laws pertaining to locating and protecting existing underground utilities and call AZ811 2-working days prior to starting any onsite work. All potholes shall be repaired per Detail 200-1 or Detail 212 as required by the Agency.

360.2 TRENCHING, BACKFILL AND RESTORATION:

All work shall be done in accordance with Section 336 and 601.

360.3 FACILITY INSTALLATION:

All cables shall be installed within a PVC Schedule 40 or better conduit unless otherwise authorized by the Agency. Conduits shall be placed in **the diameter** and quantity as specified on the plans.

Facility crossings under existing, paved streets shall be accomplished by trenchless technology in accordance with Section 608 unless open trenching is authorized by the Agency.

Minimum conduit depths shall comply with the following requirements unless otherwise approved by the Agency:

- 1) Arterial and Collector Streets: All new conduits shall be placed at a minimum depth of 48-inches below the finished grade.
- 2) All other streets and alleys: All new conduits shall be placed at a minimum depth of 36-inches below finished grade.

360.4 CONDUIT IDENTIFICATION AND DETECTION:

All subsurface installations shall be detectable by a Locate Service by way of a locate wire or other means, such as markers or detection tape, specified by the facility owner and agency, to be installed at the time of installation or by wire integrated into the conduit itself during manufacture.

360.5 PAYMENT:

Payment will be made at the contract unit price bid per lineal foot.

- *End of Section* -