



Q-STREET CONDUIT TRENCH DETAIL

NOTES:

1. Pull tape and detectable pull tape shall be installed in continuous, unbroken runs from pull box to pull box. Detectable pull tape shall not be removed. Pull tape shall be used for cable or innerduct installation.
2. Warning tape shall be centered over conduit and installed at a depth of 6"-8" below finished grade. The warning tape shall be 4 mil inert plastic and shall be a minimum of 3" wide bearing the words "CAUTION-FIBER OPTIC CABLE BURIED BELOW" in black letters on an orange background. Fiber optic warning tape shall extend into pull boxes.
3. Conduit shall be blown out with compressed air and have a metal disk mandrel pulled through prior to use. The size of the mandrel shall be 90% of the inside diameter of the conduit.
4. Conduit shall be Schedule 40 PVC, unless otherwise called for on the Project Plans.
5. All native backfill material shall be compacted to 95% of maximum density.
6. Conduit horizontal and vertical alignment offsets are to be accomplished by a uniform rate of conduit deflection over a distance equal to or greater than ten (10) times the offset distance.
7. When conduit is installed via open trench under existing pavement or sidewalk, the trench shall be backfilled with 1/2 sack CLSM from the bottom of trench to the bottom of asphalt or sidewalk. Asphalt mix and surface treatment shall be as directed by the Engineer, and conform to Town of Queen Creek standards.
8. Duct spacers shall be placed at 10' intervals and shall provide 1 1/2" min. between conduit. Duct spacers shall be approved by the Engineer prior to installation.
9. Detectable 3-cell Geotextile Innerduct for 3-inch ID conduit shall be installed, per manufacturer's directions.

REV. 08/2018



TOWN OF QUEEN CREEK  
STANDARD DETAIL

Q-STREET CONDUIT  
TRENCH DETAIL

ITS-01