



MICROTRENCH SECTION

NOTES:

1. MICROTRENCHING SHALL ONLY BE USED TO INSTALL TELECOMMUNICATION CONDUITS IN ASPHALT CONCRETE ROADWAYS.
2. MICROTRENCHING IS NOT ALLOWED ON OR THROUGH CONCRETE BASE STREETS, SIDEWALKS, PARKWAYS, CURBS, OR GUTTERS.
3. CONTRACTOR SHALL IDENTIFY ALL EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS, IN THE FIELD.
 - A. CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) BY CALLING 8-1-1 AT LEAST 48 HOURS PRIOR TO START OF WORK.
 - B. CONTRACTOR SHALL USE MOBILE GROUND PENETRATING RADAR TO SUPPLEMENT THE U.S.A. INFORMATION.
 - C. CONTRACTOR SHALL POTHOLE ANY CROSSING UTILITY OR PARALLEL UTILITY WITHIN 18-INCH OF PROPOSED ALIGNMENT TO A DEPTH OF 6-INCHES BELOW THE BOTTOM OF THE MICROTRENCH. POTHOLES SHALL BE IMMEDIATELY BACKFILLED.
4. A SLURRY SEAL SHALL BE REQUIRED FOR ALL MICROTRENCH RESTORATION BEYOND THE "T" CUT IN THE ROADWAY. EXTENTS SHALL BE PER STANDARD DETAILS R-10A THROUGH R-10C.
5. "T" CUT SHALL CONSIST OF A 2" GRIND AND REPAVE WITH HOT-MIX-ASPHALT OF THE EXISTING ASPHALT CONCRETE LAYER FOR 18" MINIMUM BEYOND THE MICROTRENCH WIDTH ON EITHER SIDE.
6. THE EDGE OF THE MICROTRENCH SHALL HAVE A 2' MINIMUM HORIZONTAL CLEARANCE TO THE LIP OF GUTTER OR FACE OF CURB WHERE NO GUTTER EXISTS.
7. WHERE THE "T" CUT LIMIT IS WITHIN 3' OF THE ADJACENT CURB OR GUTTER, THE "T" CUT SHALL BE EXTENDED TO THE ADJACENT CURB OR GUTTER.
8. UP TO TWO (2) CONDUITS MAY BE VERTICALLY STACKED CONDUITS PER MICROTRENCH.
9. CONDUIT ZONE SHALL BE A MINIMUM 1' BELOW THE PAVEMENT SURFACE AND MINIMUM 1" BELOW THE BOTTOM OF THE EXISTING ASPHALT CONCRETE LAYER, WHICHEVER IS GREATER, AND THE BOTTOM OF MICROTRENCH SHALL BE A MINIMUM 1'-4" BELOW THE PAVEMENT SURFACE.
10. ALL MICROTRENCHES SHALL BE IDENTIFIED WITH A METAL IDENTIFICATION TAG LISTING THE OWNER, YEAR OF CONSTRUCTION, AND INCLUDE THE WORDS "NOT A SURVEY POINT". IF THE WORK IS MORE THAN 50' IN LENGTH, PLACE THE TAG NEAR EACH END OF THE MICROTRENCH AND AT INTERVALS NOT EXCEEDING 50'.
11. ALL STRIPING OR SIGNAGE DISTURBED BY THE PROJECT SHALL BE RESTORED TO CITY STANDARDS.
12. PRIOR TO FINISHING THE WORK DAY, OPEN TRENCHES SHALL BE BACKFILLED AND TEMPORARILY PAVED WITH HMA.