


**NOTE:**

1. CONTROLLED DENSITY FILL (CDF) SHALL BE USED FOR BACKFILL, SEE CURRENT CITY STANDARD SPECIFICATIONS.
2. MICROTRENCHING SHALL ONLY BE USED TO INSTALL BROADBAND INFRASTRUCTURE AS NOTED IN SENATE BILL 378.
3. MICROTRENCHING SHALL NOT BE ALLOWED IN SIDEWALKS, GUTTERS AND DRIVEWAYS.
4. MICROTRENCHING SHALL NOT BE ALLOWED IN SIGNALIZED INTERSECTIONS UNLESS APPROVED BY THE CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
5. THE MICROTRENCH RESTORATION SHALL BE CONSTRUCTED UTILIZING SAW CUTTING WITH CONTINUOUS UNIFORM, STRAIGHT AND NEAT EDGES.
6. MICROTRENCH ALIGNMENTS SHALL CONSIST OF RUNS PARALLEL TO THE CENTERLINE OF THE STREET, AND STREET CROSSINGS SHALL BE ALLOWED WITH ALIGNMENT PERPENDICULAR TO THE CENTERLINE OF THE STREET.
7. THE CONTRACTOR SHALL IDENTIFY ALL EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS IN THE FIELD. THE CONTRACTOR SHALL CALL 811 PRIOR TO MICROTRENCHING AND POT HOLE ALL CROSSING UTILITIES AND PARALLEL UTILITIES WITHIN 24" OF THE PROPOSED ALIGNMENTS.
8. THE EDGE OF THE MICROTRENCH SHALL BE A MINIMUM OF 24" FROM THE EXISTING EDGE OF PAVEMENT FOR THE STREETS THAT DO NOT HAVE CURB AND GUTTER. IF THE EDGE OF THE MICROTRENCH IS LESS THAN 36" FROM THE EDGE OF EXISTING PAVEMENT EXTEND RESTORATION FROM 12" TO THE EDGE OF PAVEMENT.
9. UP TO (2) VERTICALLY STACKED CONDUITS CAN BE PLACED WITHIN A MICROTRENCH.
10. TRACER WIRE SHALL BE INSTALLED ALONG ENTIRE LENGTH OF CONDUIT RUN.
11. ALL MICROTRENCHES SHALL BE COMPLETELY BACKFILLED WITH CDF TO FINISH GRADE AND PLATED BY THE END OF THE WORK DAY.
12. AS SOON AS CDF HAS CURED AND NOT EXCEEDING 30 CALENDAR DAYS, ASPHALT CONCRETE SHALL BE GROUND AND OVERLAID AS SHOWN IN THE DETAIL.
13. IF THE EDGE OF THE MICROTRENCH IS MORE THAN 36" FROM THE LIP OF GUTTER OR EDGE OF PAVEMENT, THE EXISTING A.C. AND CDF SHALL BE GROUND DOWN VERTICALLY 4" MINIMUM OR EQUAL TO EXISTING DEPTH AND HORIZONTALLY 12 INCHES MIN. FROM THE OUTER EDGE OF THE MICROTRENCH, AND RESURFACED WITH HOT MIX ASPHALT AS SPECIFIED, SEE CURRENT CITY GUIDANCE TECHNICAL SPECIFICATIONS. HOT MIX ASPHALT SHALL BE PLACED THE SAME DAY AS EDGE PAVEMENT GRINDING.
14. CONTRACTOR SHALL USE TANDEM VIBRATORY ROLLERS, OR SIMILAR EQUIPMENT, TO ENSURE PROPER COMPACTION. THE USE OF A PLATE COMPACTOR IS NOT ALLOWED.
15. CONNECTION TO SERVICE LATERALS, JUNCTION BOXES, AND APPURTENANCES SHALL BE DONE SUCH THAT CURB AND GUTTER IS NOT DISTURBED. REMOVAL AND REPLACEMENT OF SIDEWALK SHALL FOLLOW CITY STANDARDS.

	<b>REVISION</b>		<b>ENGINEERING DIVISION</b>	
	Description	Date	<b>MICROTRENCHING A.C. RESTORATION</b>	<b>SU-19A</b>