



NOTES:

1. MICRO-TRENCHING SHALL ONLY BE USED TO INSTALL UNDERGROUND FIBER OPTIC CONDUIT.
2. MINIMUM 24" SEPARATION FROM EDGE OF GUTTER.
3. PRIOR TO PLACEMENT OF AC PAVEMENT, EDGE SHALL BE CUT TO A CLEAN VERTICAL AND STRAIGHT EDGE WITH TACK COAT ON FACE OF CUT.
4. CONCRETE SLURRY BACKFILL SHALL BE 2 SACK SLURRY CEMENT CONCRETE MINIMUM 2500 PSI 100% COMPACTED. SHALL BE MEDIUM TO DARK RED COLOR: LM SCOFIELD COMPANY; ORANGE CHROMIX; DAVIS COLOR, OR APPROVED EQUAL.
5. THE ENTIRE CONDUIT RUN MUST BE TRACEABLE FROM ABOVE BY USING TRACE WIRE OR APPROVED EQUAL METHOD.
6. TRACE WIRE SHALL BE #8 AWG COPPER WIRE OR APPROVED EQUAL. TRACE WIRE SHALL BE BARE EXTENDED EACH END INTO THE VAULTS, BOXES, ETC.
7. THE "STREET-SIDE" OF TRENCH EDGE SHALL HAVE A MINIMUM 3' CLEARANCE FROM THE NEAREST EXISTING FACILITY WITHIN THE ROADWAY PRESENT.
8. LIMIT ONE MICRO-TRENCH PER SIDE OF ROAD
9. UPON COMPLETION OF MICRO-TRENCHING, ALL STRUCTURES, TRAFFIC LOOP DETECTORS, PAVEMENT MARKINGS, AC SHALL BE RESTORED TO EXISTING CONDITIONS.
10. USE OF MICRO-TRENCHING SHALL RECEIVE PRIOR REVIEW AS TO APPROPRIATE APPLICATION UNDER THE PROJECT SPECIFIC CIRCUMSTANCES. APPROVAL, IF GRANTED, SHALL BE INDICATED ON THE APPROVED RIGHT-OF-WAY PERMIT.
11. MICRO-TRENCHING IS NOT PERMITTED ON ROADWAYS THAT DO NOT HAVE EXISTING AGGREGATE BASE AND/OR BASE COURSE STRUCTURAL SECTION.
12. MICRO-TRENCHING IS NOT PERMITTED ON ROADWAYS THAT DO NOT HAVE EXISTING CURB OR GUTTER.
13. INSTALL AND CENTER OVER THE TRENCH CENTERLINE A MINIMUM 12" + TRENCH WIDTH WIDE GLASSGRID FOR THE ENTIRE TRENCH LENGTH.
14. MICRO-TRENCHING PROPOSED ON ROADWAYS WITH AN EXISTING AC COURSE THAT IS LESS THAN 3.5" THICK SHALL BE REQUIRED TO:
 - a. REMOVE THE ENTIRE AC PAVEMENT COURSE TO THE EXISTING AGGREGATE BASE
 - b. RECOMPACT THE EXISTING AGGREGATE BASE TO MINIMUM 95% RELATIVE COMPACTION.
 - c. PLACE AND COMPACT AN ARHM COURSE WITH THE SAME THICKNESS AS THE REMOVED AC PAVEMENT LAYER.
15. ASPHALT PAVING WORK SHALL BE PERFORMED BY A CALIFORNIA LICENSED GENERAL ENGINEERING "A" CONTRACTOR WITH A MINIMUM OF 3-YEARS OF VERIFIABLE ASPHALT ROADWAY EXPERIENCE.

SAN BERNARDINO COUNTY PUBLIC WORKS DEPT.		MICRO-TRENCHING (FOR FIBER OPTIC CONDUIT)	STANDARD DWG NO.
	APPROVED BY: DIRECTOR		