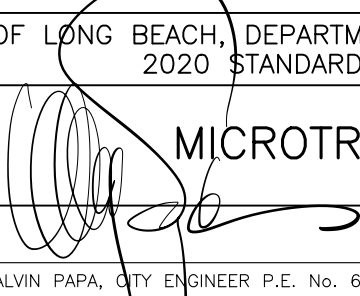
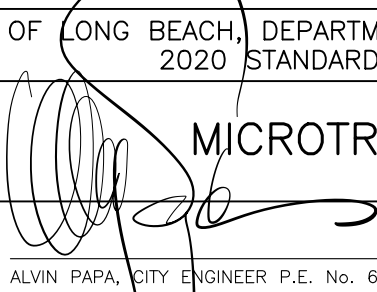


4		CITY OF LONG BEACH, DEPARTMENT OF PUBLIC WORKS 2020 STANDARD PLANS MICROTRENCHING	STANDARD PLAN NO.
3			140
2			
1			
NO.	DATE	APPROVED BY: 	DATE: <u>Aug 18, 2020</u>
REVISIONS		ALVIN PAPA, CITY ENGINEER P.E. No. 68360	SHEET <u>1</u> OF <u>2</u>

NOTES:

1. PAVEMENT SURFACE RESTORATION NEAR BOTTOM OF ACCESS RAMPS SHALL BE FLUSH WITH THE EDGE OF GUTTER (NO LIP).
2. THE LOCATION OF MICRO TRENCH IN RELATION TO THE CURB AND GUTTER SHALL NOT DEVIATE ALONG IT'S ALIGNMENT UNLESS APPROVED BY THE CITY.
3. WHERE THERE IS NO EXPOSED OR VISIBLE CONCRETE GUTTER, THE NEW CONDUIT SHALL BE INSTALLED A MINIMUM 3 FEET FROM ROADWAY EDGE OUTSIDE WHEEL PATH OF TRAVEL.
4. IF MICRO-TRENCHING CONFLICTS WITH SPANDREL, CROSS GUTTER, OR PCC STREET PAVEMENT, THE ENTIRE SECTION SHALL BE REPLACED JOINT TO JOINT PER CITY OF LONG BEACH STANDARD PLAN, OR AS OTHERWISE APPROVED BY CITY ENGINEER.
5. CUTS SHALL BE STRAIGHT. EXISTING A.C. PAVEMENT WILL NOT REQUIRE SAWCUTTING WHEN USING ROCKWHEEL FOR EXCAVATION PROVIDED THAT A SMOOTH SURFACE IS PRODUCED.
6. INSTALLED APPROVED MARKING TAPE 3 INCHES ABOVE CONDUIT.
7. CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED, HAVE A MAXIMUM SLUMP OF 4 INCHES. FLY ASH MEETING THE REQUIREMENTS OF 201-1.2.5.3 MAY BE ADDED (NOT AS A SUBSTITUTE) TO THE MINIMUM CEMENT REQUIREMENTS. SLURRY COMBINED GRADING SHALL MEET REQUIREMENTS OF 201-1.3.2(A) GRADING D.
8. DROP TEST PER ASTM D6024 SHALL BE PERFORMED ON SLURRY AND ACHIEVE A MAXIMUM INDENTATION DIAMETER OF 3 INCHES PRIOR TO PLACEMENT OF ASPHALT CONCRETE. SLURRY PLACED IN NARROW TRENCHES WHERE BALL DROP TEST CANNOT BE PERFORMED SHALL BE CURED A MINIMUM OF 48 HOURS PRIOR TO PLACEMENT OF ASPHALT CONCRETE. PERMANENT RESURFACING SHALL BE COMPLETED IN NO MORE THAN 7 DAYS AFTER PLACEMENT OF CEMENT SLURRY.
9. DURING PLACEMENT, CONCAVE SLURRY SURFACE WITH A SHOVEL TO 1/2 INCHES -1 INCH DEPTH.
10. 2-SACK CEMENT SLURRY SHALL BE PLACED TO FINISH GRADE AND ALLOWED TO FULLY CURE BEFORE PERFORMING 2 INCH MILL AND PAVE.
11. MILL AND PAVE SHALL BE 24" WIDE MINIMUM, ON CENTER OF MICROTRENCH; 18" IS ALLOWABLE WHEN APPROVED BY CITY ENGINEER; LIMIT OF RESTORATION SHALL BE UP AGAINST EXISTING EDGE OF GUTTER OR CURB.
12. TOP OF NEW CONDUIT TO TOP OF MILL AND PAVE SHALL BE 18" MINIMUM; 12" MINIMUM ALLOWED IF 2" MINIMUM CLEARANCE CAN BE ACHIEVED BETWEEN BOTTOM OF PAVEMENT SECTION AND TOP OF CONDUIT. "PAVEMENT SECTION" SHALL INCLUDE ASPHALT CONCRETE AND SUBBASE SECTIONS.

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