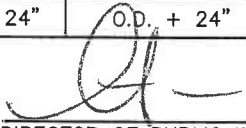


NOTE: IF ROADWAY HAS EXISTING AC OVER CONCRETE, TRENCH RESTORATION SHALL BE DETERMINED BY THE CITY.

CONDUIT SIZE	LESS THAN 6"	6" TO 24"	OVER 24" TO 60"	OVER 60"
TRENCH WIDTH	O.D. + 12"	O.D. + 24"	O.D. + 24"	O.D. + 24"


 DIRECTOR OF PUBLIC WORKS 2/3/2020
 DATE

MATERIAL AND COMPACTION REQUIREMENTS FOR TRENCH BACKFILL

1. INTERMEDIATE BACKFILL SHALL BE CLASS II AGGREGATE BASE. SUITABLE NATIVE OR IMPORTED GRANULAR MATERIAL MAY BE USED IF ALLOWED BY THE CITY. RELATIVE COMPACTION SHALL BE AT LEAST 90%.
2. CLASS II AGGREGATE BASE SHALL CONFORM TO THE GREENBOOK, MINIMUM RELATIVE COMPACTION FOR UPPER 3 FEET SHALL BE 95%. MATCH EXISTING BASE SECTION. BASE SHALL BE PLACED AND COMPACTED PRIOR TO PLACING OF TEMPORARY PAVING.
3. AC SHALL BE 3/8" HMA TYPE A PG 64-10 PER THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS 2010 (UNREVISED EDITION) OR 1/2" (C2) PG 64-10 AS DETERMINED BY PUBLIC WORKS INSPECTOR. TARGET AIR VOID AT 4.0%. TSR TO BE A MINIMUM OF 70.
4. TESTING OF MATERIALS AND PERFORMANCE SHALL BE IN CONFORMANCE WITH METHODS STATED IN THE LATEST EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, EXCEPT THAT RELATIVE COMPACTION MAY BE TESTED BY AASHTO METHOD T180, ASTM D-1557, OR TEST METHOD CALIF. 231 (NUCLEAR DENSITOMETER).
5. PLACE AC IN 3" MAX, LIFTS, EXCEPT FINAL LIFT SHALL BE 2" MAX. ADDITIONAL THICKNESS AND LIFTS OF ASPHALT CONCRETE MAY BE REQUIRED TO MATCH EXISTING STRUCTURAL SECTION ON MAJOR ROADS.
6. "JETTING" OF BACKFILL MATERIAL IS PERMITTED ONLY IN PIPE ZONE.
7. THE USE OF PEA GRAVEL (OR SIMILAR ROUND AGGREGATE), IS NOT PERMITTED.
8. THE USE OF 2 SACK SLURRY BACKFILL SHALL BE APPROVED BY THE CITY PRIOR TO THE PLACEMENT (SLURRY BACKFILL WILL REQUIRE 2" CAP).
9. TRENCH EDGES SHALL BE TRIMMED TO A NEAT LINE AS REQUIRED BY THE CITY. TRIMMING SHALL BE BY SAWCUT OR ROTARY GRINDER.
10. THE SURFACE COURSE OF TRENCH RESTORATION SHALL EXTEND TO THE LIP OF GUTTER IF THE EDGE OF THE T-CUT IS WITHIN 4' OF THE LIP OF GUTTER, AND TO THE EDGE OF PAVEMENT IF THE EDGE OF T-CUT IS WITHIN 4' OF AN UNPAVED SHOULDER.
11. CONTRACTOR MUST SHORE ALL TRENCHES IN CONFORMANCE WITH OSHA AND STATE SAFETY STANDARDS.
12. FOR TRENCH GREATER THAN 100 LF, 2" GRIND AND CAP WITH 3/8" HMA (SEE NOTE 3) SHALL BE ON THE ENTIRE LANE WIDTH FOR ARTERIAL ROADWAYS.

UNIFORM STANDARDS CITY OF SANTA CLARITA	TRENCH DETAILS SHEET 2 OF 2	STD. DWG. NO. 1
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