



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

CONDUIT SIZE	LESS THAN 6"	6" & GREATER
TRENCH WIDTH	O.D. + 12"	O.D. + 24"

*SLP/ M/V* 04/08/26  
 DIRECTOR OF PUBLIC WORKS DATE

<b>UNIFORM STANDARDS</b> CITY OF SANTA CLARITA	<b>TRENCH DETAILS</b> <b>SHEET 1 OF 2</b>	<b>STD. DWG. NO. 1</b>  Approved Feb. 2020 Revised: March 2026
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**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 BASE COURSE SHALL BE  $\frac{3}{4}$ " (B) P.G. 64-10 AND CAP SHALL BE 1/2" (C2) PG 64-10 PER THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS 2024 EDITION. TARGET AIR VOID AT 4.0%. TSR TO BE A MINIMUM OF 70.
4. TESTING OF MATERIALS AND PERFORMANCE SHALL BE IN A 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 NOT PERMITTED.
7. THE USE OF A 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). COMPACTION REPORT NOT REQUIRED WITH SLURRY BACKFILL.
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 WIDTH OF LANE. 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 1/2" (C2) PG 64-10 (SEE NOTE 3 ABOVE) SHALL BE ON THE ENTIRE LANE WIDTH FOR ARTERIAL ROADWAYS AND SLURRY SEAL FROM GUTTER TO GUTTER FOR RESIDENTIAL ROADWAY.
13. THERE SHALL BE A MAXIMUM ALLOWANCE OF 500 L.F. OF STEEL PLATES WITH AREA BASE PAVED W/ HOT MIX AC BEFORE PROCEEDING WITH NEXT SECTION.

\*\*TEMPORARY ASPHALT SHALL BE PLACED AT THE END OF EACH WORKDAY, OR AS OTHERWISE DIRECTED BY THE INSPECTOR. ALL TEMPORARY ASPHALT SURFACES SHALL BE SMOOTH, STABLE, AND FREE FROM SAGGING, SETTLEMENT, OR RAVELING. ANY UNACCEPTABLE TEMPORARY ASPHALT SHALL BE REPAIRED BY THE CONTRACTOR WITHIN 24 HOURS OF NOTIFICATION BY THE INSPECTOR. IF THE CONTRACTOR FAILS TO MAKE THE REQUIRED REPAIRS WITHIN THE SPECIFIED TIMEFRAME, THE CITY RESERVES THE RIGHT TO PERFORM THE NECESSARY CORRECTIVE WORK AND CHARGE ALL ASSOCIATED COSTS TO THE PERMIT.

<p><b>UNIFORM STANDARDS</b> CITY OF SANTA CLARITA</p>	<p><b>TRENCH DETAILS SHEET 2 OF 2</b></p>	<p><b>STD. DWG. NO. 1</b></p> <p>Approved Feb. 2020 Revised: March 2026</p>
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