

- CONSTRUCT NEW PCC PAVEMENT 25 mm (1") THICKER THAN THE EXISTING CONCRETE, 150 mm (6") MIN.
- THE EXACT LIMITS FOR REMOVAL SHALL BE DETERMINED BY THE ENGINEER SUCH THAT JOIN LINES ARE NOT WITHIN 0.75 m (2'-6") OF EXISTING PAVEMENT JOINTS OR SIGNIFICANT CRACKS. IF THE EXCAVATIONS ARE LESS THAN 1.5 m (5') APART OR LESS THAN 0.75 m (2'-6") FROM A CONCRETE CURB, GUTTER OR EXPANSION JOINT, THE RESTORATION SHALL BE CONTINUOUS BETWEEN EXCAVATIONS AND/OR THE EDGE OF CONCRETE.
- $oldsymbol{3}$ for PCC streets or intersections reconstructed within the last 10 years: the limits of the restoration shall be a rectangular area extending to the nearest construction joint. The structural section outside the utility trench area shall be equal to $oldsymbol{(1)} + oldsymbol{(4)}$.
- 4 CONSTRUCT NEW CRUSHED AGGREGATE BASE TO MATCH EXISTING THICKNESS OR 100 mm (4") THICKNESS, WHICHEVER IS GREATER. COMPACT TO 95% OF RELATIVE DENSITY. NO AGGREGATE BASE REQUIRED IF CEMENT SLURRY IS USED.
- TRENCH BACKFILL SHALL BE EITHER: A. NATIVE MATERIAL OR IMPORTED SOIL (IF NATIVE IS UNSUITABLE)
 B. CRUSHED AGGREGATE BASE
 C. ONE SACK CEMENT SAND SLURRY

TRENCH COMPACTION REQUIREMENTS SHALL CONFORM WITH CITY STANDARD PLAN S-407. COMPACTION TESTS (USING CITY APPROVED METHOD) ARE REQUIRED UNLESS SLURRY OR CRUSHED AGGREGATE BASE IS USED.

- 6 PIPE BEDDING AND PIPE ZONE BACKFILL PER UTILITY OWNER'S AND/OR CITY'S SPECIFICATIONS AND CITY STANDARD PLAN S-407:
 - A. REMOVE SOFT, SPONGY, UNSUITABLE MATERIAL PER THE ENGINEER OR INSPECTOR.
 - B. BACKFILL WITH GRANULAR MATERIAL
 - C. COMPACTION METHOD TO BE APPROVED BY THE ENGINEER OR INSPECTOR.
 - D. COMPACTION TESTS ARE REQUIRED (UNLESS SLURRY IS USED).
- SAWCUTTING WILL BE REQUIRED AROUND THE PERIMETER OF THE FINAL EDGE OF ALL EXCAVATIONS TO PROVIDE CLEAN, VERTICAL SIDES.
- 8 ALL TRAFFIC STRIPING AND/OR MARKINGS REMOVED BY RESTORATION WORK SHALL BE REPLACED.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (GREEN BOOK), LATEST EDITION, INCLUDING SUPPLEMENTS, AND THE CITY OF PASADENA "SUPPLEMENTS AND MODIFICATIONS" TO THE ABOVE (BLUE BOOK).

CITY OF PASADENA - PUBLIC WORKS & TRANSPORTATION DEPARTMENT

DRAWN BY: REVISION: UNITS: RESTORATION OF CONCRETE DAVID PHAN DUAL DESIGNED BY: STREET EXCAVATIONS STANDARD PLAN: **GIL WEISS** CHECKED BY: APPROVED BY: JAMES LLOYD SUBMITTED BY SHEET 1 OF 1 JAMES VALENTINE RCE NO. 38689 EXPIRES MARCH 31, 2001 CITY ENGINEER \$417-1-3.DWG 03\02\01