



CONSTRUCTION NOTES

- (1) Remove and replace the existing structural section to a minimum width of 1' beyond limit of trench. Specific limits of reconstruction to be determined by the engineer. Replacement asphalt concrete section shall be a minimum of 1" greater than existing and shall have a minimum thickness of 6" full depth AC for local streets and 12" full depth AC for arterial. Whichever is greater.
- (2) Minimum 30" depth for local; 36" minimum for arterial roadways.
- (3) Use 1 sack sand/cement slurry backfill, for trenches $\leq 24"$. For potholes, crushed miscellaneous base (CMB) and pavement shall meet the provisions hereon.
- (4) Use either sand, crushed miscellaneous base or native material for backfill if trench width is greater than 24". All backfill material must conform to their respective requirements specified in section 200 of the standard specifications and shall be placed according to section 306-1.3 of the standard specifications. In addition, for native material, the contractor shall test the material to show that the material is suitable for backfill. The material is not suitable if sand equivalent is less than 30 and the moisture content exceeds the optimum.
- (5) Compaction of 90 percent must be met for all materials in item (4).
- (6) For trench width and bedding requirements, see STD. plan no. 1150C.
- (7) Backfill all trenches, transverse to streets, to existing street subgrade with sand where native soil has a sand equivalent of less than thirty.

STD. PLAN NO'S 1150 THRU 1150C REPLACES STD. PLAN NO'S 1206 THRU 1206D.

APPROVED: *Geny Alvarez*
 DATE: 4-2-01
 CITY ENGINEER

◦ CITY OF SANTA ANA ◦
 PUBLIC WORKS AGENCY



DATE	REVISION
06/01/00 SA	REVISED NOTES AND DETAIL
12/14/00	REVISED STANDARD PLAN NUMBER

**UTILITY TRENCH DETAIL
 ASPHALT CONCRETE PAVEMENT
 BACKFILL AND PAVEMENT
 REQUIREMENTS**

STD. PLAN NUMBER
1150A
 SHEET 1 OF 2

GENERAL NOTES:

- a. Contractor shall use a vacuum to absorb sediments during sawcutting operation.
- b. After placement of slurry backfill, the contractor shall not base pave for a minimum of 24 hours. Base paving shall be done to 1" below finished grade using type III-B3-AR-4000 asphalt and the edges shall be ramped to existing using cold mix at 1:1 slope. Final paving shall be done 1 week after the base paving using type III-C3-AR-4000 asphalt.
- c. Per the City's municipal code, the moritorium of all streets is 5 years.
- d. TEMPORARY PAVING:
 - i. All trenches shall be backfilled and have temporary pavement constructed or covered with steel traffic plates at the end of each working day.
 - ii. Within four consecutive calendar days following installation of the conduit, or after compaction is approved by the Engineer, whichever comes first, steel traffic plates shall be removed and two inches of temporary pavement shall be constructed.
 - iii. Cross streets are to be paved with temporary pavement on the same day of excavation. Temporary pavement shall be maintained so that a smooth traversable surface is available at all times for vehicular traffic and shall be free from ruts, depressions, holes and loose gravel.
 - iv. Temporary paving shall be removed and disposed of by the Contractor before the permanent resurfacing is placed.
- e. PAVEMENT PAVING
 - i. Permanent pavement restoration shall be completed no later than two (2) weeks after the trench is backfilled; provided, however, that the Director may grant an extension depending on the complexity of the work and testing which is demonstrated to be necessary to get the utility in service.

STD. PLAN NO'S 1150 THRU 1150C REPLACES STD. PLAN NO'S 1206 THRU 1206D.



APPROVED:

DATE: 1-22-01

[Signature]
CITY ENGINEER

◦ CITY OF SANTA ANA ◦
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