

Asphalt surfacing shall consist of Caltrans type B asphalt concrete 1/2-inch maximum (coarse) with a compacted thickness of not less than three inches, or 1-inch thicker than existing, whichever is greater. Concrete surfacing shall consist of class A (6-sack) concrete. Structural section shall match existing or current standards, whichever is greater, unless otherwise specified by the City Engineer.

Where trenches are excavated through concrete pavement that has been overlaid with asphalt, the surface shall be replaced per sheet T-2, using Lampblack in the concrete.

These standards must be used for all types of trenches within the City right-of-way and all easements.

A traffic control plan must be submitted when one lane of any through street will be temporarily blocked to facilitate construction of any work being done in conjunction with an encroachment permit or City contract. The "Work Area Traffic Control Handbook" may be purchased from Building News, Inc., 3055 Overland Avenue, Los Angeles, CA 90034, phone (213) 202-7775, FAX (213) 202-1129, and shall be used as the basis for all provisions of a "Traffic Control Plan". No street or alley closure will be allowed without prior written approval of the City Engineer.

Newly constructed or resurfaced street and alleys shall not be trenched during the two-year period after paving, unless approved by the City Engineer. Such approvals will be limited to emergency excavation only.

Alternative Backfill Material:

Crushed rock may be used as an alternative trench backfill material. At least 90 percent of the crushed rock must pass the 1/2-inch sieve, and the fines passing the No. 4 sieve shall not exceed 10 percent. The rock must have at least 80 percent of crushed particles per Caltrans Test Method No. 205. Crushed rock may not be used within the initial backfill area of any pressure conduit (i.e. water main).

Within City streets, alternative backfill material may be a ready-mix delivered slurry-sand mixture containing 2 sacks per cubic yard portland cement.

ENGINEERING DEPARTMENT		CITY OF MERCED, CA.	
TRENCHING & BACKFILL REQUIREMENTS		T-5	
DRAWN: MP	APPROVED BY: <i>[Signature]</i>		
DATE: 12/94	CITY ENGINEER		
REVISED: Aug-04		SHEET	OF