

Any proposal to install underground utility facilities within the City must use the following procedures and requirements:

1. All new conduits must be constructed in the parkway per "Parkway Utility trench Detail" (attached) unless otherwise approved by the Public Works Department. Final trench restoration shall be performed within one week of removal/installation of facilities. Provide "As-Built" plans within thirty days (30) after completion of the project.
2. Conduits must be a minimum 5 feet from City utilities unless otherwise approved by the Public Works Department.
3. Any sidewalk removal must be replaced in full panels. In addition, any existing city improvements/facilities damaged during construction shall be replaced/repared at the permittee's expense. Sidewalk shall be restored within one week of removal/installation of facilities.
4. One sack of slurry backfill shall be used to backfill all trenches, around all vaults, all manholes, and all potholes or bore pits.
5. Roadway conduit construction shall conform to the City's STD-101-L (attached), "Trench Resurfacing", "Roadway Utility Trench Detail" (Parkway Utility Trench Detail", "Roadway Utility Pole and Bore Detail", and with the following modified and supplemented requirements:
  - A. New conduits in the roadway shall be installed adjacent to the existing edge of gutter or curb as close as possible.
  - B. New conduits through the intersection roadway shall be jacked/bored and require a minimum of 1 sack slurry backfill for the access holes.
  - C. All roadway construction shall require "Temporary Street/Alley/Sidewalk closure Permit" and Traffic Control plans approved by the Traffic Engineer.
6. A construction schedule must be submitted and approved five (5) working days prior to start of work.
7. All underground facilities constructed shall be part of the "Underground Service Alert".
8. All facilities shall meet the Uniform Building Code (UBC) and have Underwriters, Laboratories Inc (UL) Certification Standards or equal those standards as verified by the Building Department.
9. Additional surfacing requirements may be specified by the Public Works Department when trenching work occurs within pavements less than five years old.

**CITY OF NEWPORT BEACH**  
PUBLIC WORKS DEPARTMENT

APPROVED:



RCE NO. 36106

PUBLIC WORKS DIRECTOR

Drawn: M. WAGNER

Scale: N.T.S.

Date: January 1, 2003

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**UNDERGROUND CONSTRUCTION  
REQUIREMENTS**

DRAWING NO.

**STD-105-L-A**