



NOTES:

- ① See City Standard Specifications, Section 19, for backfill material and bedding requirements.
- ② Bedding shall be 4" thick except as otherwise noted in the Standard Specifications.
- ③ Non-metallic sewerlines shall be installed with a magnetic tracer tape as shown above. All waterlines and sewer force mains shall be installed with 14-gauge insulated solid copper tracer wire, secured to the center of the top of the pipe with tape at 6' intervals. Adjacent to each manhole and lift station, a G-5 utility well shall be installed per Eng Std 6040 for access to force main tracer wire. Tracer wire is to be installed per Engineering Standard #6340. Wire shall be continuous and be tested for continuity. Wire to services, fire lines, etc. shall be joined to wire on main. All joints in wire to be soldered and wrapped with electrical tape.
- ④ When flexible pipe (PVC, HDPE, etc.) is used, pipe shall be backfilled to the spring line, compacted and backfill tested prior to completing initial backfill.
- ⑤ The streets of San Luis Obispo are generally paved with either AC, PCC, or a combination of the two. Unless clearly indicated on the plans, it is the contractor's responsibility to determine the nature of the paving material. (Case 1 - AC only, Case 2 - AC over PCC.)
- ⑥ Replacement pavement shall be "in kind." Concrete streets which contain a reinforcement fabric or grid shall be "tee cut" with the width of the AC cut extending one foot beyond each side of the trench. A new layer of pavement reinforcing fabric shall be installed above the new PCC and beneath the new AC.
- ⑦ All concrete street sections require 1/2" smooth steel dowels per Detail B above.
- ⑧ New PCC shall not be brought above existing PCC, shall be Class 3, and shall be 8" thick.
- ⑨ When only AC is used, new AC shall be 6" thick on local streets, and 10" thick on collector or arterial streets.
- ⑩ Backfill testing is required and results are subject to approval by the City Engineer.
- ⑪ No longitudinal joints or seams are allowed in bike lanes. If a longitudinal joint may result due to the contractor's work, or this requirement, the contractor shall remove a minimum of 2" of asphalt from the pavement across the entire bike lane using a method approved by the City and resurface the bike lane to the satisfaction of the City.
- ⑫ During backfill operations, the trench shall be backfilled and compacted and tested to the spring line of any utilities crossing the trench before proceeding with further backfill.
- ⑬ Float rock may be substituted for initial backfill when ground water is present as approved by the Engineer.
- ⑭ Filter fabric shall be required when initial backfill is float rock. Filter fabric shall be placed between initial and subsequent backfill and wrapped up trench sides 6".
- ⑮ Concrete plug maybe required by the Engineer where groundwater is anticipated. Location and frequency shall be determined by the Engineer.

REVISIONS	BY	APP	DATE
Revise Note 6	DVB	BL	11-08
Revised note 3	MH	BL	10-09
Revised Note 6	MH	BL	11-09
STANDARD CURRENT AS OF:		January 2010	



**TRENCH DETAIL #1
PAVED OR UNPAVED STREETS**