



# MONO COUNTY DEPARTMENT OF PUBLIC WORKS

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## STANDARD SPECIFICATIONS FOR UTILITY TRENCHES CONSTRUCTED IN COUNTY ROADS

- Longitudinal trenches shall be located to prevent leaving a strip of existing pavement less than four feet wide. Patches along the edge of pavement of the road shall be at least four feet wide.
- All joints shall be parallel to, or normal to, traffic lanes and shall be straight, trimmed to a vertical face and to a neat line in accordance with Caltrans Standard Specifications.
- Backfill shall be earth material free of stones exceeding three inches in greatest dimension.
- Backfill compaction in the roadway, including shoulders, shall be a minimum of 95% of maximum dry density and a minimum of 90% of maximum dry density outside the roadway. Compaction shall be tested per Caltrans testing procedures by permittee.
- Slurry cement backfill conforming to the provisions of Section 19-3.062, "Slurry Cement Backfill," of the Caltrans Standard Specifications may be used.
- Aggregate base shall be Class 2,  $\frac{3}{4}$ -inch maximum grading conforming to Section 26, "Aggregate Bases, of the Caltrans Standard Specifications.
- Asphalt concrete shall be Type B,  $\frac{1}{2}$ -inch maximum grading conforming to Section 39, "Asphalt Concrete," of the Caltrans Standard Specifications with an MC 800 liquid asphalt binder, or PBA 6b.
- Sub-grade shall be approved by a representative of the Public Works Department prior to paving.
- Before paving, pavement edges shall be treated with a tack coat of SS1 conforming to Section 94, "Asphaltic Emulsions," of the Caltrans Standard Specifications.
- Asphalt concrete shall be placed and compacted in two equal lifts; lifts shall be rolled with an eight-ton steel-wheeled roller and compacted to a minimum of 95% of maximum dry density.
- The patch and existing pavement within three feet shall be sealed with SS1-H at a rate of 0.15 gallons per square yard.
- All trenches shall be backfilled, at least temporarily, prior to darkness, weekends, and holidays.

