

CITY OF ANDERSON

CONSTRUCTION STANDARDS

April 2007

The City of Anderson has adopted the City of Redding Construction Standards with the specific exceptions listed below. Substitute "City of Anderson" for references to the "City of Redding."

- STD. 134.00 Minimum depth of curb shall be 14 inches instead of 12 inches.
- STD. 152.10 All street sign bases shall have Quick-Change tube as shown on the detail.
- STD. 300.00 VCP may not be used.
- STD. 300.20 Sewer pipes may be laid through a line manhole, except where a grade or line change occurs. Minimum drop through all other manholes shall be the difference in pipe diameter or 0.20 feet, whichever is greater, except where otherwise approved by the City Engineer.
- STD. 300.80 Bedding materials shall be imported well graded sand-gravel mix, maximum size of $\frac{3}{4}$ -inch, free from all organic matter and debris; minimum sand equivalent of 30. In paved areas with pipe slope greater than two percent, use a silt-sand-gravel mixture with gradation corresponding to that for Caltrans Class 2 aggregate base - $\frac{3}{4}$ -inch maximum size. Uniformly graded crushed rock may be allowed by the Public Works Department where warranted by the soil conditions and the flow of groundwater is controlled.
- STD. 301.00 Locate sewer laterals near the middle of the lot, except where otherwise approved by the Public Works Department.
- STD. 301.00 Sewer taps on live sewer mains shall be performed the City of Anderson crew only. Contact Public Works to schedule the work.
- STD. 350.00 Sewer mains shall terminate at a manhole, except where otherwise approved by the Public Works Director.
- STD. 364.20 Manhole Frames and Covers: Iron casting conforming to ASTM Designation A48, Class 30. Each cover shall have the word "SEWER," "SM" or "SS," cast into the top with 2-inch high letters. Castings shall be of a consistently high quality and shall be free of material and manufacturing defects. Following cleanup and final machining, an asphaltic paint or similar protective coating shall be applied.

Covers shall have at least one blind pick hole or recessed lifting lug. Open holes are not acceptable. Horizontal bearing surfaces shall be machined to smooth, plane surfaces providing for full contact between frame and cover.

The minimum weight of the frame shall be 135 pounds.

Covers shall be South Bay Foundary Series 1900, D&L Model A-1024 or equal designed for heavy traffic duty.

Where specifically called for on the Plans, the above specified covers shall be provided with a bolt-down feature incorporating a minimum of four hex head stainless steel bolts.

- STD. 364.30 See STD. 364.20.
- STD. 400.00 The minimum size of water mains with fire hydrants is 8 inches, except where otherwise approved by the Public Works Department. 10-inch PVC C-900 pipe may be used where appropriate.
- STD. 401.00 Delete Note 5. Corporation stops are required on all new water services.
- STD. 401.10 Delete Note 3.
- STD. 610.00 All Class A and Class B trenches within the right of way shall have a 1-sack slurry backfill as specified on Standard Page 611.00 and shall be mechanically compacted. When previously approved by the Public Works Department, backfill as specified on Standard Page 610.00 shall be used as long as compaction testing is provided and trench backfill is compacted to 90 percent of maximum density per AASHTO T-180 up to sub-grade elevation. Compaction above sub-grade elevation shall be 95 percent, see STD. 705.00 for minimum testing frequency. A written summary of compaction test results shall be provided to the City of Anderson at the end of the project, and when requested by the City Inspector. Jetting of trenches is not permitted unless specifically approved in writing by the Public Works Department. No exceptions to this will be permitted.
- STD. 622.00 Storm drains larger than 42 inches in diameter shall be located in the street section at a location approved by the City Engineer.
- STD. 152.00 Sign post bases shall be made of 3" square steel tubing, **1/4 inch thick**. Posts shall be **2" schedule 40 galvanized steel posts**. All other requirements shall be per City of Redding Construction Standards.
- to 152.20

Special

Conditions: All storm drain and sewer manholes, and catch basin horizontal joints shall be grouted with non-shrink grout prior to acceptance of improvements.

All work within the City of Anderson right-of-way shall be by a contractor licensed by the State of California for the work being constructed.