



**ENGINEERING DEPARTMENT
STANDARD SPECIFICATIONS AND DRAWINGS**

CITY OF ATASCADERO
ENGINEERING DEPARTMENT

STANDARD SPECIFICATIONS
AND DRAWINGS



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ADOPTED BY THE CITY COUNCIL

BY RESOLUTION NO. 26-92

03/10/92

DATE

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SECTION 1 - GENERAL REQUIREMENTS

1.01 PURPOSE AND INTENT

The purpose of these Standard Specifications and Drawings is to provide minimum standards for the design, methods of construction, kinds and uses of materials, and the preparation of plans for construction, repair or alteration of streets, concrete structures, drainage and sewerage facilities within the City of Atascadero, where any portion of such improvement is to be offered to the City for operation and/or maintenance, where such improvement will ultimately serve five or more parcels, or where otherwise required. Any items which are not included in these Standard Specifications and Drawings shall be constructed in accordance with the State Specifications as defined below or as required and approved by the City of Atascadero Department of Public Works.

1.02 DEFINITIONS

A. In these Standard Specifications and Drawings or the State Specifications the intent and meaning of the terms that are used shall be as defined in Section 1 of the State Specifications except as herein below specifically noted, revised or added.

1. Contractor. Shall mean any person or persons, firm, partnership, corporation or combination thereof who has/have entered into a contract with any person, corporation, company, or the City of Atascadero, for the construction of any improvement or portion of any improvement within the City of Atascadero.
2. Developer. Shall mean the owner or his representative.
3. Consultant. Shall mean any person or persons, firm, partnership or corporation legally authorized to practice civil engineering in the State of California who prepares or submits improvement plans and specifications on behalf of a developer to the City of Atascadero.
4. City. Shall mean the City of Atascadero.
5. Department. Shall mean the City of Atascadero Department of Public Works.
6. Engineer. Shall mean the Public Works Director or City Engineer of the City of Atascadero acting either directly or through his authorized representatives.
7. State. When State Specifications are applicable, the word "State" as used in the State Specifications, shall mean City of Atascadero.

8. State Specifications. Shall mean the latest edition of Standard Specifications of the State of California, Department of Transportation.
9. Laboratory. Shall mean any testing agency or testing firm which has been licensed by the State of California to act in such capacity and meeting the requirements of the Engineer.
10. AASHTO. Shall mean the American Association of State Highway and Transportation Officials, the standards (or latest revision) thereof.
11. ASTM. Shall mean the American Society of Testing Materials, the standards (or latest revision) thereof.
12. UBC. Shall mean Uniform Building Code, latest edition.
13. AWWA. Shall mean the American Water Works Association, the standards (or latest revision) thereof.

1.03 PERMITS AND LICENSES

A. City Permits. Any Contractor and/or property owner wishing to do work under these standards and specifications shall obtain a permit or approved plans from the Department of Public Works prior to the start of construction. If such permit or approved plans has not been obtained, the work shall be stopped at the direction of the Engineer, who may cause the work already completed to be removed and the site restored to its original condition. Any Contractor performing work within the City right of way shall also obtain an encroachment permit, which may include requirements beyond those contained in these Specifications.

B. CAL/OSHA. Any contractor doing excavations of 5' or more in depth shall possess a current CAL/OSHA permit. A copy of such permit shall be presented to the department of Public Works prior to construction.

C. State License. Any Contractor performing work under these specifications shall possess an appropriate, valid state license to perform such work. The Contractor or his duly authorized representative must be available on the job site during the time when any work is in progress. If such is not the case, work shall be stopped at the direction of the Engineer.

D. Business License. A City of Atascadero business license must also be obtained by any Contractor or subcontractor performing work within the City of Atascadero.

1.04 SAFETY

A. General. All work shall be performed in accordance with the requirements of "Title 8" of the State of California Division of Industrial Safety.

B. Trench Excavation Safety Plan. Excavation for any trench 5' or more in depth shall not begin until the Contractor has received approval from the Engineer of the Contractor's detailed plan for worker protection. Such plans shall be submitted at least 5 days before the Contractor intends to begin excavation for the trench and shall show the details of the design of shoring, bracing, sloping or other provisions to be made for worker protection. No such plan shall allow the use of a protective system less effective than that required by the Construction Safety Orders of the Division of Industrial Safety. If such plan varies from the shoring system standards established by the Construction Safety Orders, the plan shall be prepared and signed by an engineer who is registered as a Civil or Structural Engineer in the State of California.

The Contractor's attention is directed to the provisions of Section 6705 of the Labor Code concerning trench safety plans.

C. Warning Signs. All signs, signals, flares, barricades, flagmen, or other warning devices necessary for the protection and convenience of the public during the construction phase shall be furnished, installed and maintained by the Contractor in accordance with the latest edition of the State of California "Manual of Traffic Control". Signs and other traffic warning devices must be in accordance with the latest edition of the State of California "Manual of Warning Signs, Lights, and Devices For Use in Performance of Work Upon Highways".

D. Stockpiles and Trenches. Excavated material shall be piled in such a manner that it will not endanger the work and will offer minimum obstruction to traffic. Open trenches and waste piles shall be adequately barricaded. Trenches in or adjacent to roadways shall be backfilled at the close of each working day.

1.05 CONTROL OF MATERIALS

A. General. The Engineer may make such tests of any of the materials used in any work done under these specifications as he considers necessary. Samples of materials for testing shall be furnished to the Engineer without charge. In lieu of, or in addition to, tests by the Engineer, he may require properly executed certificates of compliance with these specifications from the manufacturer or fabricator of any materials used in any work done hereunder. Cost of all testing shall be paid for by person, firm or corporation making the improvement. Unless otherwise specified, all materials and construction methods shall conform to State Specifications.