

GENERAL PROVISIONS

1. DEFINITIONS: The following definitions of terms as used in the Technical Specifications and elsewhere shall apply:

City shall refer to the governing body of the City of Copperas Cove or to the office or employees to which or to whom appropriate authority has been delegated.

City Manager shall refer to the City Manager or to his designated representative.

City Engineer, or Engineer shall refer to the staff City Engineer or to a representative designated by the City Manager.

Approved - where the word "approved" or the phrase "as approved" appears in the Standard Specifications, it shall be construed to refer to approval by the City Engineer or the City Manager.

City Inspector or Inspector shall refer to the City Engineer or any duly authorized representative of the Engineer who is performing field inspection of the work.

Developer, Sub-Divider, or Contractor - these terms shall be construed as referring to the individual(s) or firm(s) alike who are responsible for the work within the public right-of-way and is not intended to differentiate between the individuals or firms for the purpose of settling responsibility.

Public Right-of-Way for the purpose of these specifications shall include all publicly owned or controlled property within the property lines established by approved plats, deeds, or easements.

2. APPLICABILITY: These standards are intended to apply primarily to the design and construction of new developments, subdivisions, or additions to the City of Copperas Cove. However, they may be used also for contract work directly with the City for work within previously developed areas, as applicable and as stipulated in the Contract.
3. PLANS AND PROCEDURES: Prior to initiation of any construction work in connection with any planned development, subdivision or addition within the City or proposed for annexation, the developer shall submit plats, plans, drainage studies, and other data for approval as required by the current Subdivision Ordinance, these specifications and any current revisions thereto, and any other applicable Ordinances or Standards in effect at the time of application. Prior to final approval and acceptance of the plat, plans shall be sufficiently complete to permit engineering review and approval of the proposed work, and shall include as a minimum plans and profiles of streets, drainage facilities, and gravity sewer lines. Plans shall also include locations, sizes, and other pertinent data for water lines, force mains, lift stations, and off-site work required to connect to existing facilities. The amount of detail required shall be commensurate with the size and complexity of the project. However, all plans will be required to conform to all applicable provisions of these Standard Specifications.
4. CONSTRUCTION PROCEDURES:
 - A. Contractor's Public Responsibility:

- (1) The Contractor shall at all times conduct the work in such manner as to insure the least possible obstruction to public traffic and protect the safety of the public. Public safety and convenience and provisions therefore made necessary by the work shall be the direct responsibility of the Contractor and shall be performed at his entire expense. Materials placed on the site, or materials excavated and the construction materials or equipment used shall be located so as to cause as little obstruction to the public as possible. The Contractor shall at all times conduct his operations and the use of construction machinery, so as not to damage or destroy improvements, trees and shrubs located adjacent to the site of the work. Whenever any such damage may be done, the Contractor shall immediately satisfy all claims of the property owners.
- (2) The Contractor shall at all times conduct the work in such manner as to insure no damage to existing utilities or other facilities. However, in the event that damage is done to existing utilities, the Contractor shall repair and replace them immediately and at his entire expense. In the event public facilities are damaged which cannot be replaced or repaired by the Contractor, the Contractor shall inform the City or the Utility Company involved and will reimburse them for the replacing or repairing of the item damaged. This reimbursement shall be a prerequisite to any acceptance of the construction which was responsible for the damage.
- (3) The Contractor shall save harmless the City from his operations, shall provide bonds, insurance, etc., as required by law.
- (4) Contractor shall be an Equal Opportunity Employer and comply with all applicable regulations.

B. QUALITY CONTROL:

- (1) Materials - The Contractor shall furnish such evidence as may be requested by the City Engineer that materials furnished for incorporation in the work comply with the requirements of these Standard Specifications. Manufacturer's Certifications, certified copies of independent laboratory tests, shop drawings, catalog literature, or similar data will normally be considered sufficient. Any materials not meeting specification requirements shall be removed from the site.
- (2) Construction:
 - (a) If work is being performed as a part of a new subdivision the City shall determine the need for laboratory and field testing to assure that materials and construction complies with the requirements of the plans and specifications. Generally, laboratory and field testing requirements will not exceed those set out below for other than new subdivisions. All costs shall be paid by the subdivider. Should test results indicate failure to comply, the subdivider shall also pay for additional tests required to assure compliance.
 - (b) If work being performed is not a part of a new subdivision, the Contractor shall be responsible for the cost of tests required to assure compliance with the specifications on the following basis:
 - 1) A modified Proctor Density test for each type of material to be used in all types of construction where density requirements are specified.
 - 2) One field density test for each type of material in each section, however short that section may be; in the case of a street more than four-hundred (400) linear feet in length, there shall be

required one (1) for each four-hundred (400) linear feet of street constructed. All locations for tests shall be determined by the City inspector. Areas where failures occurred will be retested.

- 3) Where materials such as flexible base, sub-base, portland cement concrete and hot-mix asphaltic concrete are used, sufficient tests as determined by the City inspector will be made to assure compliance to specification requirements. Other materials may be accepted on the basis of manufacturers literature and grade markings at the option of the City Engineer.
- 4) All tests required by these specifications will be conducted by a commercial testing laboratory operating under the supervision of a registered professional engineer.
- (3) Supervision and Inspection: The Developer or Contractor is responsible for compliance with the approved plans and the applicable provisions of these Standard Construction Specifications and shall furnish sufficient supervision to insure that the work is accomplished in a satisfactory manner. The City Engineer will inspect the work sufficiently to satisfy himself that the work does comply with all requirements. It shall be the Contractor's responsibility to keep the Engineer advised of scheduled work and to notify the Engineer when work is ready for inspection or acceptance, and no work or increments thereof will be accepted without inspection unless the requirement for inspection is waived by the Engineer.
- (4) Reference Specifications and Standards : When specifications and standards such as ASTM, AASHTO, AWWA, ASA, and other association standards are referenced in the specifications, it shall be interpreted to refer to the latest or current issue of the standard or specification.
- (5) Standard Details: The Standard and Typical details and drawings bound in the back of these specifications shall be considered an extension of the plans and these specifications and any reference to the plans, specifications, and/or details shall be construed as including these details and drawings.
- (6) Warranty: Notwithstanding any certificate or other indication of acceptance which may have been given by the City Engineer, if any materials, equipment or any workmanship which does not comply with the requirements of this contract shall be discovered within one (1) year after final completion of construction of the project, and acceptance by the Owner, the Contractor shall replace such defective materials or remedy any such defective workmanship within ten (10) days after notice in writing of the existence thereof shall have been given by the City or Engineer. In the event of failure by the Contractor to replace any such defective materials or equipment or to remedy defective workmanship as herein provided, the City may replace such defective materials or equipment or remedy such workmanship as the case may be and in such event the Contractor shall pay to the City the cost and expense thereof.
- (7) Bridges, Culverts, and Special Drainage Structures: Requirements for design and construction of bridges, culverts, and special drainage structures are not included herein, and shall be subject to the approval of the City Engineer in all instances.
- (8) Protection of Existing Utilities: Existing utilities are indicated on the City maps from available information. The Contractor is advised that any reference to or indication of existing utilities on these maps is solely for the City's general information and is not to be construed as indicating the exact location or number of said utilities. The locations shown on the maps relative to existing

utilities are based upon the best record and/or field information available. It shall be the Contractor's responsibility to verify the location of adjacent and conflicting utilities and to take all necessary precautions in order to protect all utilities encountered.

- (9) Order of Work: Unless otherwise approved by the City Engineer, all rough grading for streets shall be accomplished prior to the installation of any underground utility systems. All utilities shall be completed prior to the subgrade preparation, construction of curb and gutter, and construction of the base course for the streets.