

SECTION 1

PURPOSE AND DEFINITIONS (PD)

- 1-1 PURPOSE** - The purpose of these Design Standards is to provide direction in the application of improvements which are to be dedicated to the public and accepted by the City for maintenance or operation, and to provide for coordinated development of those facilities to be used by and for the protection of the public. This includes certain private works, as well as improvements to be installed within existing City right-of-way and easements. Whereas it is the intent of these Standards to govern all new construction, City staff shall interpret and apply the Standards in a manner which achieves their intent, while encouraging and enabling the redevelopment of infill and vacant parcels.

These Standards shall apply to, regulate, and guide preparation of traffic impact studies and the design and preparation of plans for construction of streets, highways, alleys, drainage, sewerage, traffic signals, site access, water supply facilities and related public improvements, and shall set guidelines for all private works which involve drainage, grading, trees, and related improvements.

- 1-2 DESIGN PRACTICE** - Because it is virtually impossible to anticipate all situations that may arise or to prescribe specifications applicable to every situation, any items or situations not included in these Design Standards shall be designed in accordance with accepted engineering practices, the City of Grass Valley "Construction Standards", the Caltrans "Highway Design Manual," and the "California Manual on Uniform Traffic Control Devices," and as specified by the City Engineer.

The City Engineer may require additional standards and/or regulations not inconsistent herewith when deemed necessary to protect the health, safety, and welfare of the public. Questions regarding the Design Standards should be directed to the engineering staff of the Public Works Department. The City Engineer shall make all interpretations of the Standards. Appeals to the direction of the City Engineer shall be made to the City Council.

- 1-3 DEFINITIONS** - Whenever the following terms or titles are used in these standards or in any document or instrument where these standards govern, the intent and meaning shall be as herein defined:

- A. Applicant** - The Developer or his Consulting Engineer working on his behalf.
- B. Building Division** - The Building Division of the City of Grass Valley.
- C. CMUTCD** - The "California Manual on Uniform Traffic Control Devices" as adopted by the California Department of Transportation, latest edition.
- D. CBC** - California Building Code, latest edition.
- E. City** - The City of Grass Valley and its applicable Departments.
- F. City Engineer** - The Public Works Director/City Engineer of the City of Grass Valley, acting either directly or through the staff of the appropriate Divisions of the Public Works Department, or their authorized representatives.
- G. Construction Standards** - The latest edition of the "Construction Standards" adopted by the Grass Valley City Council and any amendments thereto governing the construction of roads, streets, sanitary sewers, storm drainage, concrete structures, water supply, traffic signals, street lighting and other facilities within the City of Grass Valley.

- H. Consulting Engineer** - Any person or persons, firm, partnerships or corporation legally authorized to practice civil, mechanical, or electrical engineering in the State of California who prepares or submits improvement plans and specifications to the Public Works Department of the City of Grass Valley for approval.
- I. Contractor** - Any person or persons, firm, partnership, corporation, or combination thereof, licensed to perform the type of work involved, who has entered into a contract with any person, corporation or company, or his or their legal representatives, for the construction of any improvement or portions of any improvement within the City of Grass Valley.
- J. Developer** - Any persons, firm, partnership, corporation, or combination thereof, financially responsible for the work involved.
- K. Development** - The act or process of any construction on properties as well as subdivision improvement.
- L. Development Code** - The latest edition of the “Development Code” adopted by the Grass Valley City Council, as may be supplemented by Design Guidelines for a given Specific Plan Area.
- M. Engineering Division** - The Engineering Division of the City of Grass Valley, Public Works Department.
- N. Fee Schedule** - The current fee schedule as adopted by City Council resolution.
- O. FEMA** - The Federal Emergency Management Agency charged with building and supporting the emergency management system, including advising communities on building codes and flood plain management.
- P. Fire Apparatus Access Roads** - Roads, either public or private, which serve to provide direct access to buildings or portions of buildings hereafter constructed. Said roads shall be designed to the minimum requirements of Grass Valley Fire Codes and these Standards.
- Q. Fire Department** - The Fire Department of the City of Grass Valley.
- R. Fire Flow** - The required flow rate of a water supply, measured at 20-pounds per square inch residual pressure that is available for firefighting. The procedure determining fire flow requirements for buildings or portions of buildings hereafter constructed shall be in accordance with Grass Valley Fire Codes.
- S. Fire Prevention Standards** - The latest edition of the “Fire Prevention Standards” enforced by the Fire Department in accordance with the Grass Valley Fire Codes.
- T. Grading Permit** - An official permit issued by the Engineering Division for excavation, fill, clearing and grubbing, and/or stockpiling activity, within the City limits, as specified on the approved grading or improvement plans.
- U. Improvements** - Street work, sidewalk, curb, gutter, driveways, water mains, sanitary sewer, storm drainage, street lighting, traffic signals, public utilities, landscaping, irrigation, parks, fences and other facilities to be constructed or installed by the Developer within an existing or future public right-of-way or easement and other improvements for which the Public Works Department is responsible for performing a plan-check or inspection.

- V. **Laboratory** - Any testing agency or testing firm which has been approved by the Public Works Department.
 - W. **Public Works Department** - The Public Works Department of the City of Grass Valley.
 - X. **Soils Report** - A report as prepared by any person or persons, firm, partnership, or corporation legally licensed to prepare “Soils Reports” in the State of California.
 - Y. **Standard Drawings** - The standard drawings as set forth in the Design Standards and Construction Standards as included herein, approved by the City Engineer and as amended.
 - Z. **State** - As used in the State Specifications, shall mean the City of Grass Valley
 - AA. **State Highway Design Manual** - “Highway Design Manual” of the State of California, Department of Transportation (Caltrans), latest edition.
 - BB. **State Standard Plans** - The “Standard Plans” of the State of California, Department of Transportation (Caltrans), latest edition.
 - CC. **State Standard Specifications** - The “Standard Specifications” of the State of California, Department of Transportation (Caltrans), latest edition.
- 1-4 **UPDATES** - These Design Standards shall be updated as necessary to reflect the changing technology and thinking of the engineering profession, the construction industry and the City of Grass Valley. All updates will be as directed by the City Engineer and as approved by the City Council. Users of this document shall be responsible for obtaining updates from the City of Grass Valley, Engineering Division.