

# **CHAPTER 1**

## **GENERAL PROVISIONS**

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Connie Joiner, Clerk & Recorder, Teller County, Colorado

## **CHAPTER 1 GENERAL PROVISIONS**

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## CHAPTER 1 - GENERAL PROVISIONS

### 1.1 SHORT TITLE

These Regulations together with all future amendments shall be known as the "Teller County Roadway Design and Construction Standards" (hereinafter called Roadway Standards). The original Subdivision Road Criteria Manual was adopted by the Board of County Commissioners (hereinafter called BOCC) in 1984 and is hereby repealed and replaced with these Roadway Standards.

### 1.2 JURISDICTION

These Roadway Standards shall apply to all land within the unincorporated areas of the County, except where superseded by State of Colorado (Department of Transportation) jurisdiction or United States (federal) Jurisdiction.

### 1.3 PURPOSE

Presented in these Roadway Standards are the minimum design and technical criteria for the analysis and design of roadway facilities for developments or proposed construction submitted for approval under the provisions of the Teller County Land Use Regulations (hereinafter called Land Use Regulations) which shall include adequate roadway system analysis and appropriate roadway system design. Such analysis and design shall conform to the criteria set forth herein. Alternatives to the provisions of these Roadway Standards may be suggested by the Applicant. It shall be the responsibility of the Applicant to demonstrate that the alternatives meet or exceed the minimum criteria contained herein. Policies and technical criteria not specifically addressed in this document shall follow the provisions of the American Association of State Highway and Transportation Officials (AASHTO) "Policy on Geometric Design of Highways and Streets," (hereinafter called the Green Book) as amended, and the Standard Construction Specifications of the Colorado Department of Transportation.

These Roadway Standards are intended to regulate the design and construction of roads and driveways under the jurisdiction of Teller County. They are not intended to control or regulate roads or highways under the jurisdiction of the federal government (such as Forest Service roads), the State of Colorado (such as state highways), farm roads on private property or mining roads on private property, except as provided under chapters 13 and 14 of these Roadway Standards.

### 1.4 AMENDMENT AND REVISIONS

The standards and criteria may be amended as new technology is developed and/or experience is gained in the use of these Roadway Standards which indicates a need for revision. The BOCC, following the recommendations of the Teller County Road and Bridge Director, may consider revisions and/or amendments to these Roadway Standards. The revisions will be adopted by resolution following a public hearing thereon. The Road and Bridge Director shall monitor the performance and effectiveness of these Roadway Standards and will recommend changes, amendments and revisions. These Roadway Standards were adopted in 1999.

### 1.5 ENFORCEMENT RESPONSIBILITY

The Board of County Commissioners shall enforce the provisions of these Roadway Standards through its authorized agent(s).

**1.6 REVIEW AND APPROVAL INCLUDING THIRD PARTY REVIEW**

The County will review all submittals for general compliance with the specific Roadway Standards. An approval by the County does not relieve the owner, engineer, or designer from responsibility of insuring that the calculations, plans, specifications, construction, and as-built drawings are in compliance with the Roadway Standards as stated in the Applicant's and/or engineer's certification.

- 1.6.1 If, for matters beyond the normal responsibilities of the County Engineer, in the sole judgement of the Teller County Planning Director, it is in the best interests of Teller County to have any submittal(s) reviewed by an independent third party, such submittal(s) may be referred to a third party reviewer selected by Teller County and the costs of such review shall be borne solely by the Applicant. Fees for such third party review are listed in Appendix H of these Roadway Standards.
- 1.6.2 All submittals will be reviewed based on the Roadway Standards as currently in force at the time of approval.

**1.7 CLASSIFICATION OF URBAN AND RURAL AREAS**

Teller County is divided into two primary functional classifications based upon population. These classifications are Urban and Rural. The Urban classification is further divided into Large Urban Areas and Small Urban Areas. The definitions of each of these classifications are as follows:

- 1.7.1 Urban Areas are defined as follows:
  1. Large Urban Area: 25,000 or more.
  2. Small Urban Area: 2,500 or more and not part of a Large Urban Area.
  3. Growth Areas: (a) Areas inside the urbanized growth centers of Divide Town Center (as defined in the 1998 Divide Regional Plan), or of Florissant (is less than three-quarters of a mile from the intersection of U.S. Highway 24 and Teller County Road 1), or (b) is no more than one-half mile from the boundary of any incorporated city (that is, Cripple Creek, Victor and Woodland Park) or areas that meet the definition of the New Communities regulations.
- 1.7.2 Rural Area: Areas outside the definition of 1.7.1 above.

**1.8 INTERPRETATION**

In the interpretation and application of the provisions of the Roadway Standards, the following shall govern:

- 1.8.1 In its interpretation and application, the provisions shall be regarded as the minimum requirements for the protection of the public health, safety, comfort, convenience, and welfare of the residents of the County. These Roadway Standards shall therefore be regarded as minimum standards and shall be liberally construed to further its underlying purposes.
- 1.8.2 These Roadway Standards shall not modify or alter any road construction plans which have been filed with and accepted by the Teller County Planning Director (hereafter Planning Director) prior to the effective date of this resolution. This exception shall be subject to the conditions and limitations under which said plans were accepted by the Planning Director.

### 1.8.3 AASHTO "Green Book".

1.9

### RELATIONSHIP TO OTHER STANDARDS

Since the County is the approval authority for land use changes, these Roadway Standards, which stipulate certain minimum conditions for land use changes, shall apply. If Special Districts impose more stringent standards, this difference is not considered a conflict. The more stringent standard shall apply. If City, State or Federal Government imposes more stringent standards, criteria, or requirements, these shall be incorporated into this document after the due process and public hearing(s) required to modify the Roadway Standards.

### 1.10 VARIANCES AND APPEALS

- 1.10.1 Variances from these Roadway Standards will be considered on a case-by-case basis in accordance with procedures in this section except for driveway variances which are described in Chapter 14 as administered by the Road and Bridge Director. Variance procedures will be the same as contained in the Land Use Regulations.
- 1.10.2 Applicant, owner, or the holder of a permit may appeal any conditions or approval, actions, or decisions of the County staff under these Roadway Standards to the Planning Commission.
- 1.10.3 If the Special District, developer, Applicant, contractor or utility responsible to the County for public improvements desires to design and construct such improvements in variance to standards in these Roadway Standards, such variance(s) shall be identified in the initial submittal of construction plans. The variance request(s) shall consist of:
  - 1.10.3.1 Identification of the standard to be waived or varied.
  - 1.10.3.2 Identification of the alternative design or construction standard to be adhered to.
  - 1.10.3.3 A justification of the variance request including impact on capital and maintenance requirements and cost.
- 1.10.4 **Appeal of Decisions.** Contractor of a right-of-way use or access permit may appeal any conditions or approval, actions, or decisions of the Department to the BOCC. If, the Applicant chooses to appeal a decision by the County Engineer or Department, the Applicant shall make final appeal to the BOCC. The Applicant shall make appeal to the BOCC through the Department within 60 days from receipt of denial of request.

### 1.11 ABBREVIATIONS

As used in these Roadway Standards, the following abbreviations shall apply:

ACI	American Concrete Institute
ADT	Average Daily Traffic
ABC	Aggregate Base Course
AASHTO	American Society Association of State Highway and Transportation Officials

ASTM	American Society of Testing Materials
BOCC	The Board of County Commissioners of the County of Teller, Colorado
CBR	California Bearing Ratio
CDOT	Colorado Department of Transportation
CMP	Corrugated Metal Pipe
CFS	Cubic Feet Per Second
CY	Cubic Yards
CRS	Colorado Revised Statute
DA	Development Agreement
DTN	Design Traffic Number
DU	Dwelling Unit
EDLA	Equivalent Daily Load Applications
ELEV	Elevation
EPA	Environmental Protection Agency
FL	Flowline
GVW	Gross Vehicle Weight
HDPE	High Density Polyethylene Pipe
HBP	Hot Bituminous Pavement
IGA	Intergovernmental Agreement
L	Length of Curve
LB	Pound
LF	Lineal Feet
LOS	Level of Service or Line of Sight, Depending on Context
MPH	Miles Per Hour
MUTCD	Manual on Uniform Traffic Control Devices
MF	Multifamily
NBU	Neighborhood (mail) Box Unit
OSHA	Occupational Safety and Health Administration
PVC	Poly Vinyl Chloride
PCF	Pounds Per Cubic Foot
PSI	Pounds Per Square Inch
PSF	Pounds Per Square Foot
PI	Point of Intersection
PE	Professional Engineer
PPACG	Pikes Peak Area Council of Government
PC	Point of Curvature
PCC	Point of Curve Change
PCR	Point of Curb Return
PT	Point of Tangency
R	Radius
ROW	Right-of-Way
RT	Right
SF	Square Foot, Single Family (Depending on Context)
SIA	Subdivision Improvement Agreement
SN	Serial Number
T	Tangent Length
USGS	United States Geological Survey
VCL	Vertical Curve Length
VPC	Vertical point of Curvature
VPD	Vehicles Per Day
VPI	Vertical Point of Intersection

VPT	Vertical Point of Tangency
VMA	Minimum Voids in the Mineral Aggregate
YR	Year

**NOTE:** Abbreviations may or may not include periods separating the letters of the abbreviation.

## 1.12 DEFINITIONS

**AASHTO Green Book:** The American Association of State Highway and Transportation Officials (AASHTO) publication "A Policy on Geometric Design of Highways and Streets", latest edition.

**Applicant:** Person applying for a permit or approval. May include the owner and/or developer of the property related to the permit or approval.

**Applicant's Engineer:** An Engineer working for an Applicant.

**CDOT M Standard:** Colorado Department of Transportation M Standard Plates, latest edition.

**CDOT M & S Standard:** Colorado Department of Transportation M & S Standard Plates, latest edition.

**Collector road:** See the definition for "Road classification".

**Contractor:** A person who has agreed to perform a defined scope of work in accordance with the terms of a contract and is licensed by Teller County to perform the work.

**County Engineer:** May be an engineer employed directly by Teller County or a consulting engineer (or engineering firm) retained by Teller County.

**Developer:** The legal or beneficial owner or owners of a parcel of land included in a proposed development including the holder of an option or contract to purchase, or other persons having enforceable proprietary interests in such land.

**Development plan:** As defined in the Land Use Regulations.

**Engineer:** A person licensed and registered to practice engineering in the State of Colorado.

**Final plat:** As defined in the Land Use Regulations.

**Force Majeure:** As defined in the Land Use Regulations.

**Geo-technical Engineer:** An Engineer qualified to practice in the area of geo-technology.

**Green Book:** See the definition for "AASHTO Green Book".

**Kip:** 1000 pounds weight.

Land Use Regulations: The Teller County Land Use Regulations.

Local road: See the definition for "Road classification".

Major arterial: See the definition for "Road classification".

Minor arterial: See the definition for "Road classification".

MUTCD: Manual on Uniform Traffic Control Devices, latest edition.

Owner: An individual, firm, association, syndicate, partnership, or corporation having proprietary interest in a parcel of land.

Phasing: The development and/or construction of a project in several stages.

Planning Director: The Director of the Planning Department of Teller County.

Preliminary plan: As defined in the Land Use Regulations.

Road and Bridge Department: The Road and Bridge Department of Teller County.

Road and Bridge Director: The Director of the Road and Bridge Department.

Road classification: A hierarchy or system of roads, based on the function and characteristics of the different types of roads. The Road classification of Teller County includes the following:

Major arterial: Serves the major traffic movement within areas of the County such as between business districts and outlying residential areas, or between major suburban rural centers. Provides continuity for all rural arterial roads which intersect the urban areas of the County.

Minor arterial: Serves trips of moderate length at a somewhat lower level of travel mobility than a major arterial road. Provides access to geographic areas smaller than those served by the higher system. These roads connect to rural collector roads to facilitate the movement of vehicles from rural subdivisions and areas.

Collector road: Collector roads collect traffic from local roads in subdivision areas and channel the traffic into the arterial system. These roads provide both land access and traffic circulation within residential neighborhoods.

Local road: The local street system is comprised of roads not of the higher system. Provides direct access to abutting land and access to the higher order system. Through traffic deliberately discouraged.

Rural: Characteristic of a sparse pattern of development, where land is primarily undeveloped or primarily used for agricultural purposes (See Section 1.7.2).

Site plan: As defined in the Land Use Regulations.

Sketch plan: As defined in the Land Use Regulations.

**Special District:** A district created by act, petition or vote of the residents or property owners for a specific purpose, usually with the power to levy taxes, according to CRS.

**State Highway Access Code:** A set of regulations, adopted by the Transportation Commission of the State of Colorado, to manage access to state highways, at both driveways and public intersections.

**Urban:** Characteristic of a pattern of development having a significantly higher density than the surrounding rural area (See Section 1.7.1).

#### 1.13 RULES OF GRAMMAR

Rules of grammar, such as the masculine including the feminine and vice-versa, shall be according to Section DE-10 "Definitions in the Regulations" of the Land Use Regulations.

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