

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 “Arapahoe County Infrastructure Design and Construction Standards” (hereinafter referred to as “Standards”) and are part of the Arapahoe County Subdivision Regulations (hereinafter referred to as “Regulations”). The original Roadway Design and Construction Standards Manual was adopted by the Arapahoe County Board of County Commissioners (hereinafter called “BOCC”) by resolution in 1986. The previous manual is hereby repealed and replaced by these Standards.

1.2 JURISDICTION

These Standards shall apply to all land within the unincorporated areas of Arapahoe County, except where the County’s jurisdiction is superseded by the State or by another jurisdiction.

1.3 PURPOSE

These Standards present the minimum design and technical criteria for analysis and design of roadway facilities. All subdivisions, re-subdivisions, planned unit developments, or any other proposed construction submitted for approval under the provisions of the Regulations shall include adequate roadway system analysis and appropriate roadway system design. Such analysis and design shall conform to the criteria set forth herein. Options to comply with the provisions of these Standards may be provided by the applicant. However, it shall be the responsibility of the applicant to demonstrate that an option meets or exceeds the minimum criteria contained herein. Policies and technical criteria not specifically addressed in this document shall follow the design recommendations of the American Association of State Highway and Transportation Officials (AASHTO) “Policies on Geometric Design of Highways and Streets”, the latest edition and the “Standard Construction Specifications” of the Colorado Department of Transportation.

1.4 ENACTMENT AUTHORITY

The Regulations are adopted pursuant to the authority conferred within: Article 28 of Title 30 (County Planning); Article 2 of Title 43 (State, County and City Highway Systems); Article 67 of Title 24 (Planned Unit Development Act); Article 20 of Title 29 (Land Use Control and Conservation); and other applicable sections of Colorado Revised Statutes, as amended. Pursuant to the above authority statutory, these Standards are adopted by resolution and are incorporated by reference as a part of the Regulations.

1.5 AMENDMENT AND REVISIONS

The Standards may be amended from time to time as new technology is developed and/or the experience gained in the use of these Standards indicates a need for revision. Technical Modifications to these Standards shall be approved by the Director, Public Works and Development. Policy Changes within these Standards shall be approved by the BOCC, following the recommendations of the Director of the Department of Public Works and Development (or the Director’s named representative). The Director, Public Works and Development, shall monitor the performance and effectiveness of the Standards and will recommend changes, amendments or revisions, as needed.

1.6 ENFORCEMENT RESPONSIBILITY

It shall be the duty of the Director of the Department of Public Works and Development, acting on behalf of the BOCC to enforce the provisions of these Standards.

1.7 REVIEW AND APPROVAL

The County shall review all submittals for general compliance to these Standards. Approval by the County does not relieve the owner, engineer or designer from responsibility of insuring that the calculations, plans, specifications, construction, and record drawings are in compliance with the Standards as stated in the owner's and engineer's certifications.

1.8 INTERPRETATION

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

- 1.8.1.** In their interpretation and application, these provisions shall be regarded as the minimum requirements for the protection of the public health, safety, comfort, morals, convenience, prosperity, and welfare of the residents of the County. These Standards shall therefore be regarded as remedial and shall be liberally construed to further their underlying purposes.
- 1.8.2.** Whenever a provision of these Standards and any other provisions of the Regulations or any provision in any law, ordinance, resolution, rule, or regulation of any kind, contain any restrictions covering any of the same subject matter, whichever standards are more restrictive or impose higher standards or requirements shall govern.
- 1.8.3.** These Standards shall not abrogate or annul any public improvement construction plans or permits which have been filed with and approved prior to the effective date of these Standards, provided that the improvements have been constructed within the two-years from the date of approval. Public improvement construction plans or permits which have expired approvals (i.e. improvements have not been constructed, within two-years from the approval date) shall be required to be re-submitted in accordance with the requirements of these Standards. The Director shall have final authority to resolve any conflict in the interpretation of these Standards.

1.9 RELATIONSHIP TO OTHER STANDARDS

Since the County is the approval authority for land use changes, these Standards, which stipulate certain minimum conditions for land use changes, shall apply. If a special district imposes more stringent standards, this difference is not considered a conflict, and the more stringent standard shall apply. If the State or Federal Government imposes more stringent standards, criteria, or requirements, these shall be incorporated into this document after proper notice and public hearing(s) required modifying the County Regulations and Standards.

1.10 VARIANCES

Variations from these Standards will be considered on a case-by-case basis in accordance with procedures in the Regulations and Standards (refer to Section 3.2 of the Standards for variance procedure).

1.11 ABBREVIATIONS

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

AASHTO	American Society of State Highway & Transportation Officials
AASHTO "GREEN"	A Policy on Geometric Design of Highways & Streets
ACI	American Concrete Institute
ASTM	American Society of Testing Materials
BOCC	Arapahoe County Board of County Commissioners
CDOT	Colorado Department of Transportation
CDOH	Colorado Department of Highways (which name CDOT, CDOH and stay consistent)
FEMA	Federal Emergency Management Agency
IGA	Inter-governmental Agreement
MGPEC	Metropolitan Governments Pavement Engineers Council
MUTCD	Manual on Uniform Traffic Control Devices
OSHA	Occupational Safety Hazard Administration
PWD	Public Works and Development
ROW	Rights-of-way
SDDTC	Arapahoe County Storm Drainage Design and Technical Criteria Manual
SIA	Subdivision Improvement Agreement
TSEA	Traffic Signal Escrow Agreement
UD&FCD	Urban Drainage and Flood Control District
USDCM	Urban Storm Drainage Criteria Manual
USGS	United States Geological Survey