



**POLICY**  
**Council-026**  
**Engineering and Construction Standards**

---

<b>Responsible Department:</b>	Planning
<b>Council Approval Date:</b>	December 18, 2024
<b>Council Resolution Number:</b>	2024.12.18.15
<b>Statute(s) and Bylaw(s):</b>	n/a

---

## 1. POLICY STATEMENT

Municipal infrastructure is to be designed and constructed to ensure safety, efficiency, functionality and longevity in conformity with established standards, specifications and guidelines adopted by the Town.

### 1.1. Legislative Requirements

This policy is subject to any specific provision of the *Municipal Government Act*, RSA 2000, Chapter M-26, as amended from time to time, or any other relevant legislation or agreements.

## 2. PURPOSE

- 2.1. To ensure municipal infrastructure is designed and constructed to ensure safety, efficiency, functionality, and longevity.
- 2.2. To provide clear requirements for the preparation of plans and specifications for the construction of municipal infrastructure.
- 2.3. To provide standards, specifications, and guidelines for the construction of municipal infrastructure in order to meet the servicing requirements for commercial, industrial and residential development within the Town.

## 3. DEFINITIONS

- 3.1. **Administration** means the operations and employees of the Town, under the direction of the CAO.
- 3.2. **CAO or Chief Administrative Officer** means the person appointed by the Council of the Town of Diamond Valley to carry out the powers, duties and functions of the Chief Administrative Officer, in accordance with the *Municipal Government Act*, or their authorized delegate.
- 3.3. **Council Policy** means a direction or course of action authorized by Council, which primarily governs the actions of Council or Councillors, but may also direct Administration. Procedures related to Council Policy will be provided to Council for review, but are established by authority of the CAO.
- 3.4. **Municipal Infrastructure** means roads, parking lots, sidewalks, pathways, drainage and stormwater management facilities, water treatment facilities and distribution facilities, wastewater treatment facilities and collection systems, parks, recreational facilities, landscaping, utilities, emergency and public safety facilities, and related items.
- 3.5. **Town** means the incorporated municipality of the Town of Diamond Valley.

A handwritten signature in black ink, appearing to read "B. [Signature]".

A handwritten signature in black ink, appearing to read "D. [Signature]".



#### 4. STANDARDS, SPECIFICATIONS and GUIDELINES

- 4.1.** The Town of Diamond Valley adopts all of the City of Calgary Technical and Design Specifications, as amended or replaced from time to time, including but not limited to specifications, standards and guidelines for:
  - a. Cathodic Protection Installation
  - b. Capital Project Construction Signs
  - c. Infrastructure Servicing
  - d. Standard Specifications for Water Construction
  - e. Standard Specifications for Sewer Construction
  - f. Standard Specifications for Roads Construction
  - g. Standard Specifications for Landscape Construction
  - h. Standard Specifications for Street Lighting Construction
  - i. Design Guidelines for Subdivision Surfacing
  - j. Design Guidelines for Bridges and Transportation Structures
  - k. Design Guidelines for Development Site Servicing Plans
  - l. Geotechnical Guidelines for Land Development Applications
  - m. Waste and Recycling Services Requirements
  - n. Sewer Bypass Pumping Guidelines
  - o. Wastewater Lift Stations
  - p. Design and Construction of Sewer Pipes
  - q. Design and Construction of Feedermain Pipes
  - r. Consulting Engineers Field Services Guidelines
  - s. Stormwater Management and Design Manual
  - t. Guidelines for Erosion and Sediment Control
  - u. Field Manual for Effective Erosion and Sediment Control
  - v. Design Guidelines for Street Lighting
  - w. Servicing Guidelines for new Single Family / Semi-detached / Duplex Dwellings in the Developed Area
  - x. Design Guidelines for City of Calgary Funded Buildings
  - y. Standard Block Profile Specifications.
- 4.2.** Notwithstanding section 4.1, where any standards, specifications and guidelines that are adopted specifically by the Town of Diamond Valley are in conflict with the City of Calgary Technical and Design Specifications, the Town of Diamond Valley adopted standards, specifications and guidelines will apply.
- 4.3.** The standards, specifications and guidelines adopted by this policy shall only be considered as minimum requirements, and the developer remains fully responsible for the design and construction of Municipal Infrastructure according to accepted engineering practices and standards that address and meet the specific needs and site conditions of the development.
- 4.4.** Site-specific conditions and/or budgetary, financial, social or economic reasons may warrant the use of standards that are more or less stringent than those adopted in this policy, as approved by the Chief Administrative Officer, or their delegate. The rationale for an alternative design or standard proposed must be submitted in writing, in conjunction with or before a subdivision or development application submission.



## 5. RESPONSIBILITIES

### 5.1. Town Council:

- a. approve, by resolution, this policy and any required amendments; and
- b. allocate sufficient resources for successful implementation of this policy in the annual budget process.

### 5.2. Chief Administrative Officer (CAO):

- a. ensure that this policy and procedure is reviewed every three years;
- b. ensure implementation of this policy and approve procedures and any amendments thereto.
- c. approve variations from the standards, specifications, or guidelines, at their discretion, for budgetary, financial, social, or economic reasons, provided that the variations:
  - i. meet or exceed the set standard;
  - ii. provide equivalent functionality; and
  - iii. result in a cost-efficient design in terms of construction, long-term maintenance and replacement.

### 5.3. Managers:

- a. understand and adhere to this policy;
- b. ensure implementation of this policy within their departments;
- c. make recommendations to the CAO for necessary policy amendments; and
- d. make recommendations to Council, through the annual budget process, for sufficient funding to implement the policy in undertaking any work that is subject to the policy.



MAYOR



CHIEF ADMINISTRATIVE OFFICER

## POLICY Revision History

Policy Name	Revision Date	Revision Description	Approved by: Resolution	Effective Date
Council-026 Engineering and Construction Standards	NEW	NEW Diamond Valley Policy, replacing Black Diamond Policy Admin-021		



