

DIVISION 1 – GENERAL REQUIREMENTS

SECTION 01100

SUMMARY

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Scope.
- B. Definitions.
- C. Authority of City.
- D. Work by City.
- E. Plan Approval and Revision.
- F. Contractor Responsibility.
- G. Contractor's Use of Site.
- H. Work sequence.

1.2 SCOPE

- A. Specifications and requirements set forth to be used in the design and construction or repair of water mains, streets, pavements, curb and gutter, sidewalks, storm sewers, culverts, and installation of utilities or any other work performed within the public right of way for approval and acceptance by the City of Cañon City.
- B. Excavation and restoration standards are required to preserve the integrity, operational safety, and function of the City rights-of-way.
- C. Future Considerations:
 - 1. Licensing of landscapers for inclusion of landscape work within the right-of-way to be covered by these specifications.
 - 2. Continuance of City/Contractor Committee meetings annually for updates and necessary revisions.

1.3 DEFINITIONS

- A. City: Shall mean the City of Cañon City, Colorado and personnel with the authority to act on behalf of the City of Cañon City.
- B. Engineer: Shall mean the City Engineer of the City of Cañon City, Colorado and authorized representatives acting on behalf of the City or the City Engineer, including but not limited to inspectors in the field.
- C. Public Works Inspector: Shall mean the Public Works Inspector of the City of Cañon City, Colorado and authorized representatives acting on behalf of the City or the Public Works Inspector.
- D. Right-of-Way (ROW or R-O-W): Shall mean the area on, below, or above a public roadway, highway, street, path way, bicycle lane and public sidewalk in which the City has an interest, including other dedicated rights of ways for travel purposes and utility easements of the City.
- E. Contractor: Shall mean a person, partnership, or corporation duly licensed in the City of Cañon City in accordance with the requirements of the laws and codes of the City of Cañon City.
- F. Excavate: Shall mean to dig into or in any way remove or physically disturb or penetrate any part of a right of way.
- G. Best Management Practices (BMPs): schedules of activities, prohibitions of practices, maintenance procedures, and other management practice to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, waste disposal, or drainage from material storage.

1.4 AUTHORITY OF CITY

- A. City shall have authority to ascertain that all construction of facilities is equal to or better than the minimum construction requirements set forth in these specifications.
- B. City and Engineer have authority to assign an inspector to check any and all work, including materials to be incorporated in the work, excavation, bedding, backfill, and all construction methods and practice.
- C. Inspectors are assigned to assist the Contractor to comply with these specifications and have the authority to reject defective or inferior materials and workmanship and to suspend work until the conditions in question are corrected.

1.5 WORK BY CITY

- A. Work includes:
 - 1. Approval of plans, means, and methods of construction.
 - 2. Installation of tapping saddles, corporation stops, and tapping of water mains.
 - 3. Blowing off and testing of chlorine residual for new water mains.
 - 4. Pressure testing of water mains to be accepted by the City.
 - 5. Operating existing valves and appurtenances in existing system required for construction, including filling and flushing mains to be accepted by the City.
 - 6. Notifying public of water interruption due to construction 24 hours prior to shut off.

1.6 PLAN APPROVAL AND REVISION

- A. Plans shall be submitted for all subdivisions, new utility main installation, and all water mains and any other project the City deems is significant enough to warrant.
- B. Four copies of plans for proposed construction shall be submitted on 24-inch X 36-inch sheets (minimum scale of drawing, 1 inch = 50 feet) to Engineer for approval.
- C. Plans must be submitted digitally in DWG or DXF format. All plans must be projected to Colorado State Plane Central Zone coordinates (NAD 1983) with appropriate scale factor.
- D. The plans shall show lots and blocks to be served and the location of the water mains or other utilities and their service lines with reference to property lines. The type, size, approximate location, and number of all known underground utilities shall be shown on the drawings. Profiles may be required by Engineer, which shall give dimensions, grades, and show locations of improvements, water mains or utilities to be constructed.
- E. The Engineer shall return the plans with either a stamp of approval or a letter designating necessary revisions required for approval.
- F. No work shall proceed on that portion of the project requiring revisions until such revisions have been submitted and approved.
- G. Minor revisions may be made by written permission from the Engineer.

1.7 CONTRACTOR RESPONSIBILITY

- A. Contractor shall be responsible to read and fully comply with all the provisions of these specifications.
- B. Contractor shall perform work in a manner subject to current Occupational Safety and Health Administration and State of Colorado safety requirements. It shall be the responsibility of the Contractor to fully comply with these regulations.
- C. Contractor shall provide adequate construction signing, flagmen, barricades, etc., to warn vehicular and pedestrian traffic of work in progress and divert traffic as may be required during the course of the construction per approved traffic plan. All signing shall conform to the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD). Contractor shall notify the respective local emergency response agencies 24 hours in advance of the closure of any street.
- D. Contractor shall notify the City of Cañon City Water Distribution Supervisor at least 36 hours prior to a planned water service interruption.
- E. Contractor shall pay City for all expenses required of City personnel due to construction activities.
- F. Contractor shall protect all existing facilities and utilities within the work area and shall be liable for any damage to any such facilities and utilities due to Contractor's activities.

1.8 CONTRACTOR'S USE OF SITE

- A. Limit use of site to allow:
 - 1. City occupancy.
 - 2. Work by City.
 - 3. Use of site by the public.

1.9 WORK SEQUENCE

- A. Construct Work in stages to accommodate City's occupancy requirements during construction period. Coordinate construction schedule and operations with Engineer.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

Not Used.

END OF SECTION