



**Josephine County**

**PUBLIC INFRASTRUCTURE DESIGN STANDARDS**  
**MANUAL**  
**Guidelines for Development**

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## **Introduction**

In all cities, the public right-of-way and public easements are special areas created for public transportation and for placement of storm and sanitary sewer systems and other utilities such as telephone, water and gas. All physical aspects of public infrastructure within the right-of-way and easements should be designed for public safety, efficient operation, and cost effective maintenance.

This document contains design standards, procedures, and standard drawings that are meant to establish, clarify, and assist both the City staff and private engineers and developers in creating safe, efficient, and cost effective water, sewer, street and drainage projects for the City of Cave Junction. These standards and procedures will apply to both new construction and reconstruction, except where design standards cannot be properly applied because of unique situations. Limited width and available right-of-way, for instance, could elicit a less than standard street width. Unmovable trees or buildings that encroach too close to the public facility may warrant a deviation from the standard. Under circumstances such as these, some flexibility may be necessary to create a design that remains sensitive to the specific needs and character of an existing neighborhood or other physical limitations.

Efforts were made to cover a wide variety of topics and issues related to the development of sewer, water, storm, and streets. If additional items are not covered herein, they will be reviewed by the City Engineer, City Planner and other City staff during the development review process.

The cost for a printed copy of this manual is \$60.00, and \$25.00 for an electronic copy.

## **How to Use this Manual**

Information in this Manual is organized by the following divisions:

1. Division 1: Water System Standards Manual
2. Division 2: Sewer System Standards Manual
3. Division 3: Transportation System Standards Manual
4. Division 4: Drainage System Standards Manual

An Engineering Policy Section at the beginning of the manual is intended to provide information and requirements for the Developer and the Developer's engineer. It is recommended that a Developer thoroughly review the entire manual to gain an understanding of the City's standards and requirements as well as the process that must be followed to plan, design, submit, and construct public improvements.

The City may update all or portions of this manual at anytime. It is the responsibility of the Developer and/or the Developer's engineer to ensure that they have the most recent and current version of the standards manual.

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