



# **Missoula City Public Works Standards and Specifications Manual**

# INTRODUCTION

The *Missoula City Public Works Standards and Specifications Manual* (MCPWSS or Manual) has been created through an administrative rule-making process authorized by the Missoula City Council. The Manual is organized into the following chapters:

1. General Provisions
2. Construction within Public Right-of-Way
3. Improvement Plans
4. Water System
5. Sanitary Sewer System
6. Stormwater System
7. Transportation System
8. Erosion Control

## PURPOSE and INTENT

The purpose of this Manual is to provide:

- a single document that establishes minimum criteria, including methodologies and specifications, for infrastructure improvements within the City and replaces existing City Engineering and Public Works administrative rules, design and construction standards that currently exist in Missoula municipal code, specific design and construction requirements in the City Subdivision Regulations, and specific modifications to the existing *Montana Public Works Standard Specifications*;
- guidance for the uniform design and construction of infrastructure within ROW and public easements, including streets, drinking water, sanitary sewer, and storm water facilities; other utilities; grading; drainage; erosion control; and landscaping;
- minimum standards, specifications, and processes necessary to promote public safety, functional effectiveness, and consistency of materials; and
- an established method for plan review and acceptance.

The intent of this Manual is to promote public safety and minimize long-term maintenance and operation costs while ensuring high-quality engineering design and sound infrastructure construction. This Manual provides direction regarding the technical requirements, policies, and processes needed for consistent and uniform design and public infrastructure construction. This Manual is not a substitute or replacement for regulations. It is instead a complement to existing ordinances and policies, providing direction for the “when” questions, and with the intent of facilitating and maintaining current technical standards pertinent to design and construction, addressing the “what” and “how” questions.

If a conflict between provisions in the Manual and other guiding documentation is discovered, Manual users should abide by directives in the following order of authority:

1. Adopted City ordinances and regulations

2. Adopted City policies, plans, and resolutions
3. This Manual

## **ACKNOWLEDGEMENTS**

The *Missoula City Public Works Standards and Specifications Manual* is a “living” document. This Manual will be updated periodically to address changes in standards and practices, construction methods and materials, or to align with new regulations, plans, and policies. It was developed through a collaborative effort that included input from representatives and professionals within the City of Missoula, Missoula County, and Missoula’s development, engineering, and construction community. We thank all individuals and organizations who helped create and update this publication.

Anyone wishing to suggest a change or provide a comment for the next manual update may do so using our [Comments Form](#) (Appendix 1-B).

## **CITY OF MISSOULA PUBLIC WORKS AND MOBILITY DEPARTMENT**

Jeremy Keene, PE, Director, Public Works and Mobility Department

Ross Mollenhauer, PE, Engineering Manager

Ida Sajor, MBA, Engineering Coordinator

Troy Monroe, PE, City Engineer for Development Review

Kevin Slovarp, PE, City Engineer for Surface Transportation

Andy Schultz, PE, City Engineer for Utilities

Lori Hart, Communications Specialist

Water, Wastewater, Stormwater, Street Operations and Maintenance, and Infrastructure and Mobility Planning Divisions

## **AGENCIES, ORGANIZATIONS, and PARTNERS**

City of Missoula Community Planning, Development, and Innovation Department, Development Services Division

City of Missoula Parks and Recreation Department

City of Missoula Fire Department

City of Missoula Housing and Community Development Department

City of Missoula GIS Services

Missoula Redevelopment Agency

Missoula County Health Department (Water Quality District)

Local Engineers, Contractors, Builders, Developers, and related Professionals

Missoula Chamber of Commerce

Missoula City Council