

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 and procedures that are meant to establish, clarify and assist both City staff and private engineers in creating safe, efficient, and cost-effective street, drainage and sanitary sewer projects for the City of Springfield. 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 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 design 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 physical limitations.

This Design Manual also provides standards of practice for stormwater quality improvement which are required as a condition of development prior to discharge to the City's stormwater management system. Although these activities will normally take place outside of the public right-of-way or public easements, the design standards are provided here to guide developers regarding acceptable stormwater treatments and management practices that will allow the City to accept stormwater drainage from developing private property.

This Design Manual is an attempt to state the City's design requirements in a clear manner, and the City staff who worked on this project have attempted to eliminate contradictions and errors in this document. However, in all cases, and notwithstanding any contrary language contained in sections of this manual, the City reserves the right to impose more restrictive or different design standards than those contained in this manual, on a case-by-case basis, to any public works' design within the City's planning jurisdiction.