

## INTRODUCTION

The purpose of this manual is to establish minimum requirements for design, plans, testing, inspection, and supporting documents. The requirements herein, unless otherwise noted, apply to public and private improvements. It makes reference to and is to be used in conjunction with the Standard Specifications for Public Works Construction and Standard Details for Public Works Construction, latest editions. Additional design publications referenced herein include, but are not limited to:

A Policy on Geometric Designs of Highways, American Association of State Highway and Transportation Officials (AASHTO)  
American National Standard Practice for Roadway Lighting, Illuminating Engineering Society of North America, July, 1983.  
American National Standards Institute (ANSI)  
Asphalt Institute Manual Series No. 1  
Flood Insurance Rate Map, Federal Emergency Management Agency  
Floodways Map, Federal Emergency Management Agency  
Guidelines for Development of New Bicycle Facilities, AASHTO  
Guidelines for Urban Major Street Design, Institute of Traffic Engineers (ITE)  
HEC-1, HEC-2, HEC-RAS, Army Corps of Engineers  
Manual on Uniform Traffic Control Devices (MUTCD), Federal Highway Administration  
Reno Municipal Code  
Technical Release No. 55, Urban Hydrology for Small Watersheds, Soil Conservation Service  
The Blue Book (A Reference Manual of Nevada Law Governing Design for the Construction Industry)  
Truckee Meadows Construction Site Best Management Practices Handbook (Truckee Meadows Regional Stormwater Quality Management Program), February 2003

The requirements herein apply to a Public Works Project, Subdivision, Special Use Permit, Site Plan Review, Parcel Map, Maps of Dedication, Zone Change, Annexation, excavation/encroachment permit or building permit.

This manual is intended to cover only standard situations encountered in design. Non-standard situations that arise which are not covered in this Manual are to be designed in accordance with accepted engineering practices, the Standard Specifications for Public Works Construction, Standard Details for Public Works Construction, shall contain supporting data, shall be subject to the approval in writing of the City Engineer, and shall not be authorized in any case for any purposes of mere convenience or economy.

Atypical situations may arise with respect to standards covered by this manual, and in

such cases, the City Engineer may authorize alternative standards, provided that any such alternative standards are the equivalent of the design standards and are in accordance with accepted engineering practices, provided that such alternatives shall not be authorized in any case for any purposes of mere convenience or economy, and provided further that such alternatives with all supporting data be submitted to the City Engineer in writing for his review and approval.

Additional information, explanation, calculation, details, non-standard parts approvals, warranties, instruction manuals, references or other design elements may be required at the discretion of the City Engineer.

The City does not assume maintenance responsibility for access, drainage facilities, sanitary sewer facilities, and their associated structures located outside the limits of dedicated street rights-of-way or public easements, or which are not constructed to City standards for public facilities.

Private facilities for access, drainage and sewerage located on private streets, lots or parcels are to be owned and maintained by the property owners.

All on-site private improvements are certified to the Community Development Department, Building Division, except as provided herein.

Users of this manual are cautioned that other policies or standards may apply. Examples include those provided by the Regional Transportation Commission; State of Nevada Department of Transportation; Washoe County; City of Reno, Fire Department; and City of Reno, Downtown Redevelopment District.