

# PREFACE

This document sets forth the technical engineering standards that implement the City's Site Development Ordinance. It is published under the authority of *Beaverton Code* section 9.05.045, and is a compilation of Resolution 3434 (adopted December 1997), Ordinance 4060 (adopted October 1999), Ordinance No. 4303 (adopted May 10, 2004, effective June 9, 2004), and Ordinance 4417 (adopted January 23, 2007, effective February 22, 2007). Copies of the resolution and ordinances, as enacted, are available through the City Recorder's Office.

Under the authority of *Beaverton Code* section 9.05.016, the City Engineer may officially interpret the provisions of this document. These interpretations are intended to promote uniformity in the application of the City's Site Development Ordinance. The City Engineer's official interpretations of this document may be used as precedent in the processing of other projects, if the facts and circumstances are substantially the same. A copy of the interpretations is available from the City's Development Services Counter and on the City's Web page.

Unless otherwise specified by the City Engineer, at the time of an application for a Site Development Permit, the *Engineering Design Manual* is to be used in conjunction with the most recent edition of the following codes and standards, which are hereby adopted by this reference:

- *Oregon Revised Statutes*
- *Oregon Administrative Rules*
- *The Beaverton Code, 1982*, as amended
- *City of Beaverton Development Code*, as amended
- *Clean Water Services Design and Construction Standards*
- *Manual on Uniform Traffic Control Devices (MUTCD)* as modified by the Oregon Supplements to the MUTCD
- American Association of State Highway and Transportation Officials (AASHTO) Roadside Design Guide (recommendations from which, as applied, interpreted, and/or modified by the City Engineer, are mandatory requirements in the City of Beaverton)
- American Association of State Highway and Transportation Officials (AASHTO) LRFD Bridge Design Specifications (recommendations from which, as applied, interpreted, and/or modified by the City Engineer, are mandatory requirements in the City of Beaverton)
- American Water Works Association Standards
- ODOT/APWA *Oregon Standard Specifications for Construction and Oregon Standard Drawings* (hereinafter "ODOT/APWA Standards" when referenced jointly)
- ODOT *Bridge Design Manual* and Accompanying Standard Drawings

- Americans with Disabilities Act of 1990, Public Law 101-336 and its implementing rules and regulations
- *ODOT Pavement Design Guide*
- Appendix Chapter 33 Excavating and Grading of the *Uniform Building Code* as adopted by the State of Oregon with applicable local amendments.

If, in the course of design or construction, any of the above codes or standards should change, the City Engineer may determine based upon his or her professional judgment whether the new or former standard shall be applicable.

Additional Notes:

If work is proposed in the right-of-way of another jurisdiction, the applicable standards from that jurisdiction will govern, including applicable permit requirements.

If work is proposed in the Tualatin Valley Water District, West Slope Water District, Raleigh Water District, or the City of Portland water service area, the applicable standards from that agency will govern, including applicable permit requirements.

Work in or near wetlands, sensitive areas, floodplains, and floodways may require permits and/or approvals from the Army Corps of Engineers and/or the Oregon Division of State Lands (DSL).

Other permits and standards may be applicable to specific projects. The applicant bears the responsibility to obtain all necessary permits and to apply with all applicable standards related to any specific project.