

5.0 Drafting Standards, Abbreviations and Symbols

The Contract plans set and specifications are the key documents for a project construction and on which ultimately, the City will based their review, and the contractor will base their bid and work on. Hence, it is imperative that the contract plans and specifications set forth the work to be done in a clear and concise manner.

The EOR is responsible to assure that the existing and proposed information on the plans is accurate.

Standard Abbreviations and Symbols used for plans preparation and permit drawings with the City of Boca Raton shall conform to the standard Abbreviations and symbols are shown in Indices 001 and 002 of the Florida Department of Transportation Design Standards for Design, Construction Maintenance and Utility operations on the State Highway system latest edition.

When deemed necessary by the City Civil engineer, for the clarification of special symbols or abbreviations, the plans shall provide a supplemental legend as required.

6.0 REFERENCE MANUALS

By reference, the following is made part of this manual:

- 1) Highway Capacity Manual – latest edition as published by the Transportation Research Board.
- 2) Manual on Uniform Traffic Control Devices for Streets and Highways, U.S. Department of Transportation, Federal Highway Administration, latest edition. (Developed with cooperation of the National Advisory Committee on Uniform Traffic Control Devices.)
- 3) A Policy on Design on Geometric Design of Highways and Streets, 2004. American Association of State Highway and Transportation Officials.
- 4) Transportation and Traffic Engineering Handbook, Institute of Transportation Engineers.
- 5) Roadside Design Guide, latest Edition. American Association of State Highway and Transportation Officials.
- 6) Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, State of Florida, The Florida Department of Transportation, latest edition.

- 7) Traffic Engineering Manual, The Florida Department of Transportation.
- 8) Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, latest edition, The Florida Department of Transportation.
- 9) City of Boca Raton Public Utilities Manual, Latest Revision
- 10) Parking Standards, Urban Land Institute 2002.
- 11) The Dimensions of Parking, Urban Land Institute, latest edition.
- 12) Utility Accommodations Manual, Florida Department of Transportation.
- 13) Palm Beach County Land Development Code, Palm Beach County Florida.
- 14) Code of Ordinances, City of Boca Raton.
- 15) Guide for the Planning, Design, and Operation of Pedestrian Facilities, American Association of State Highway and Transportation Officials
- 16) Guide for the Development of Bicycle Facilities, American Association of State Highway and Transportation Officials
- 17) Military Handbook Seawalls, Bulkheads, and Quaywalls, US Navy

NOTE: In the event of a conflict between this manual and the above referenced publications, the Boca Raton Standard will apply or as specifically directed by the City Engineer.