1.0   Introduction

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This manual has been prepared as a guide to ODOT, consultants and outside agency personnel to provide the policies, procedures, methods, and standards for developing and preparing final Contract Plans. This manual also provides the standards used in the preparation of these plans using Computer Aided Design in MicroStation™. This manual covers only English issues as indicated herein and assumes a total conversion from metric to English has already taken place.

Updating this manual is a continuing process and revisions are issued as required. Questions or suggestions for modifications should be addressed to:

>   Dave Polly, Senior Standards Engineer
>   ODOT, Road Engineering
>   222 Transportation Bldg.
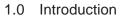>   Salem, OR 97310
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It is intended that Volume 2 be used on a daily basis by people preparing ODOT contract plans. Examples for each section of contract plans, as shown herein, are to be used in conjunction with the equivalent sections of Volume 1. The inexperienced user may wish to use the step-by-step procedure and other information presented in Volume 1, while using the examples of Volume 2.

MicroStation™ CAD files for each of the example drawings in this book can be found at:

>   ftp://ftp.odot.state.or.us/techserv/contractplans/roaddesign/cpdguide/*.*

It is intended that these be used to help create plan and detail sheets for specific projects. If these CAD files are to be used on a project, care must be taken to make sure that the information used is completely understood and is suitable for the specific project in which it will be used.

Examples and details provided herein have been taken from miscellaneous ODOT projects. MicroStation™ CAD files were supplied to W & H Pacific, Inc. (WHP) for inclusion into both Volume 1 and Volume 2. Best efforts were made to bring these CAD files up to ODOT's CAD standards as presented in the *Contract Plans Development (CPD) Guide*. WHP assumes no responsibility or liability for their correctness and constructability.

1.2 Abbreviations

AA	active angle
AC	active cell, or asphalt concrete
AS	active scale
BC	bottom-center text justification
CC	center-center text justification
CL	center-left text justification
CO	active color
CT	center-top text justification
FT	active font
INT. SP.	intercharacter spacing
JUST	text justification
LB	left-bottom text justification
LS	line spacing
LV	active level
LT	left-top text justification, or line terminator
TH	text height
TS	terminator scale
TW	text width
TX	text size (TW=TH)
LC	line code (style)
AP	active pattern
PA	pattern angle