CFLHD SUPPLEMENT 9.6.5-1

9.6.5 STANDARD FORMAT FOR PLANS

The purpose of this Supplement is to detail the CFLHD format, drafting standards, and organization of the plan sheets into a PS&E assembly.

Add the following to Section 9.6.5:

9.6.5.1 Format

Use the CFLHD Sample Plan Sheets as a guide.

9.6.5.2 Drafting Standards

Follow the drafting standards in the CFLHD CADD Standards Manuals.

Minor deviations from these guidelines are acceptable provided basic drafting practices are followed.

9.6.5.2.1 Line Work

Follow the drafting standards in Chapter 6 of the CFLHD CADD Standards Manual.

9.6.5.2.2 Text

Standard lettering sizes are shown in Chapter 5 of the CFLHD CADD Standards Manual.

Use the CFLHD dimension style library as shown in Chapter 5 of the CFLHD CADD Standards Manual rather than special custom terminators.

9.6.5.2.3 Color

Use the color tables as shown in Chapter 7 of the CFLHD CADD Standards Manual.

Color may be used to clarify complex plan sheets. For internal CFLHD designers, use the plot drivers shown in Chapter 7 of the CFLHD CADD Standards Manual.

9.6.5.2.4 Levels

Refer to Chapter 9 of the CFLHD CADD Standards Manual.

9.6.5.2.5 CADD File Naming Conventions

Refer to Chapter 3 of the CFLHD CADD Standards Manual.
9.6.5.2.6  Cell Libraries

Refer to Chapter 8 of the CFLHD CADD Standards Manual.

9.6.5.3  Organization of Plans

Organize plan sheets to show a logical progression of the project work. Group plan sheets according to their type and give each section a sequential letter. Refer to Chapter 3 of the CFLHD CADD Standards Manual.

Show all information required by the Development Checklists.

The following discussion describes the content of the major sections.

9.6.5.3.1  Title Sheet

Use the CFLHD Title Sheet Template.

9.6.5.3.2  Conventional Plan Symbols and Abbreviations

Use the CFLHD Conventional Plan Symbols and Abbreviations Template.

9.6.5.3.3  Typical Sections

Use the CFLHD Typical Section Template.

9.6.5.3.4  Summary of Quantities

Use the CFLHD Summary of Quantities Template.

9.6.5.3.5  Drainage Summary

Use the CFLHD Drainage Summary Template.

Show skew angle measured from a line perpendicular to centerline.

9.6.5.3.6  Grading Summary and Mass Haul Diagram

Use the Earthwork Representation technical guide and the CFLHD Grading Summary Template.

9.6.5.3.7  Miscellaneous Summaries

Use the CFLHD Miscellaneous Summaries Template.

Use a spreadsheet to create the quantity tables. Arrange the tables by increasing pay item number.
9.6.5.3.8 Plan and Profile

Clip plan and profile sheets according to Chapter 9 of the CFLHD CADD GEOPAK Standards Manual.