CFL SAMPLE PLAN SHEET

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
16	ST	PROJECT NAME PROJECT NUMBER	C16	C21

Show north arrow and appropriate scale.

Refer to the CADD manual Geopak/Chapter 6 located on the CFL website for more information on drawing elements stored in COGO (including horizontal alignment and pay item elements):
http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter6_Linestyles_x30.pdf

NOTE:

1. *The horizontal alignment and the location of the existing and proposed features are not based on precise survey data. Adjust as necessary to fit field conditions.*
2. *Some features in the drawing are not drawn to scale and identify the approximate location of the feature. Final quantities will be determined from field measurements.*

Notes provide additional information describing the work. A typical note for a 3R plan/plan sheet may include describing the limitations of the survey data used to develop the alignment and to locate existing and proposed features.

0 50 100
SCALE IN FEET

31+85 Lt.
End removal of guardrail
End new guardrail
Remove end anchorage
Install end anchorage
Type SRT

33+85
Begin concrete curb and gutter, 1' pan

9' revet mattress

Pave existing gravel pullout

35+01 Lt.
End concrete curb and gutter, 1' pan

37+35 Lt.
Begin removal of guardrail
Begin new guardrail

Install end anchorage
Type SRT

Remove end anchorage

Remove end anchorage

32+00 33+00 34+00 35+00 36+00 37+00 38+00

PT 32+69.85

PC 35+34.63

N 69° 02' 00" E

N 56° 28' 51" E

Existing 2' x 5' CMP

33+42 Rt.
End removal of asphalt curb
End concrete curb and gutter, 1' pan
Construct curb cut with 65' revet mattress

Refer to the CADD manual Chapter 19 located on the CFL website for more information on clipping plan/plan sheets:
http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter9_PlanProfileSheetClipping_x30.pdf

Use text style 'English Italic, Standard Text' found in the CFLHD text style library cfl_english_text_styles.dgnlib.
Refer to the CADD Manual Chapter 5 located on the CFL website for more information:
http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter5_Annotation_x30.pdf

Curve = NS_RD-9
PI 31+40.01
△ = 92° 55' 00
R = 750'
T = 750'
L = 121.77'

Curve = NS_RD-10
PI 36+35.26
△ = 12° 33' 09" (LT)
R = 3000'
T = 330.16'
L = 657.68'

Install end anchorage
Type SRT

37+59 Rt.
End new guardrail

Install end anchorage
Type SRT

Show superelevation for each curve (none shown on ths example). See the following website for more information on storing and placing the e value under the curve data drawn by the D&C manager:
http://www.cflhd.gov/resources/CADD/documents/CRAM_31_Labeling_Super_rateson_Curves.pdf

This is an example of a commonly used CFL custom linestyle.
For CFL designers, the custom linestyle resource files are automatically read by MicroStation (providing the machine is properly configured.) For consultants, CFLHD linestyle resource files are available through the V8_Resource.zip download located on the CFL website:
http://www.cflhd.gov/resources/CADD/downloads.cfm
Refer to the CADD manual Chapter 6 for more information on linestyles:
http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter6_Linestyles_x30.pdf

Refer to the CADD manual Chapter 3 located on the CFL website for more information on file naming conventions:
http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter3_NamingConventions_x30.pdf

Make sure elements are placed with the proper symbology:
Use the GEOPAK D&C manager to draw elements where possible.
For manual drafting, use the FLH_Combined.dgnlib and select the appropriate level , using ByLevel symbology where possible.
Refer to the CADD manual Geopak/Chapter 9 located on the CFL website for more information:
http://www.cflhd.gov/resources/CADD/CaddManDocs/

0 50 100
SCALE IN FEET

Existing 2' x 5' CMP

Existing 6' x 4' CMP arch w/ gabion mattress

Show edge of proposed roadway.

N 77° 37' 00" E

PC 44+32.1

Existing 3' x

39+00 40+00 41+00 42+00 43+00 44+00 45+00 46+00

PC 39+46.00

PT 42+83.54

40+45 Rt.
End removal of asphalt
End concrete curb and g

Pave existing pullout

40+20 Rt.
Construct curb cut w/ 9' revet mattress

39+24 Rt.
Begin removal of asphalt curb
Begin concrete curb and gutter, 1' pan

Cells for patterns are found in Drafting_X30.cel. Refer to the CADD Manual Chapter 8 located on the CFL website for more information on cell libraries:
http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter8_CellLibraries_x30.pdf

Begin remov
Begin concrete curb

ing pullout

45+45 Rt.
Construct curb cut w/9' revet mattress

45+72 Rt.
End removal of asphalt curb
End concrete curb and gutter, 1' pan

Refer to the CFL policy on Sealing and SIgning of A/E Documents (located on the CFL website:
http://www.cflhd.gov/resources/pm/documents/policies/sealing-signing-policy.pdf

REGISTERED PROFESSIONAL ENGINEER
ENGINEER'S NAME
EXAMPLE PE STAMP
CIVIL
STATE OF ~EXAMPLE~

Curve = NS_RD-11
PI 41+16.71
△ = 21° 08' 09" (RT)
R = 3000'
T = 560.06'
L = 1107.40'

PI 48+21.69
△ = 46° 21' 11" (LT)
R = 3000'
T = 1277.64'
L = 2415.79'

NORTHSHORE ROAD
PLAN SHEET
31+00 to 46+00

Show the NPS PMIS number for NPS projects.

NPS PMIS NO.: 54621

11:45:58 AM N:\CFL-DPT\Sample Plans\website\3R sample sheets\C-ML_P&P\pnp_3R.dgn

5/3/2006