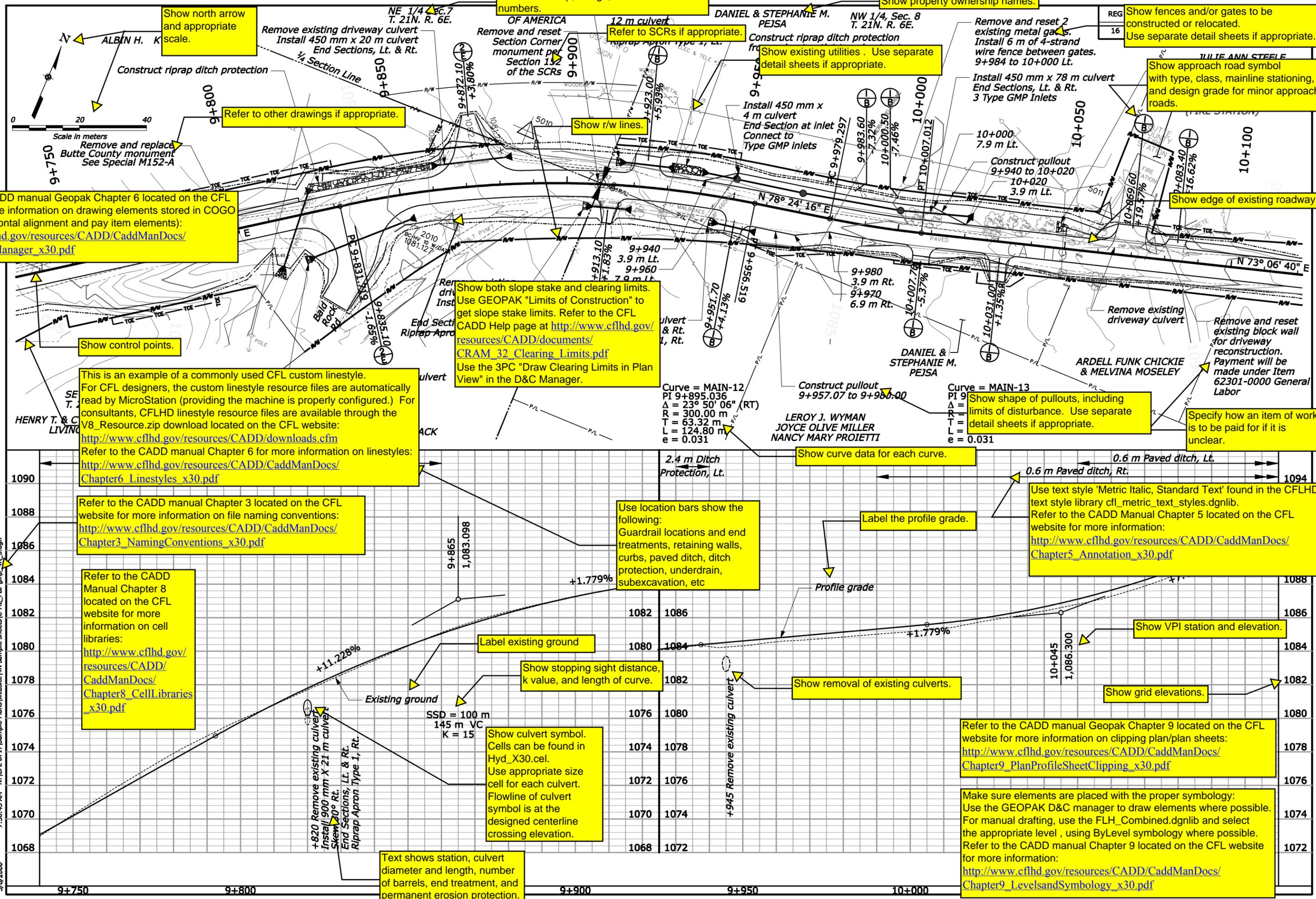


CFL SAMPLE PLAN SHEET

5/8/2006 7:36:43 AM N:\CFL-DPT\Sample Plans\Website\4R sample sheets\C-ML_P8P\inp_AR_3.dgn



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_DCManager_x30.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

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

Show both slope stake and clearing limits. Use GEOPAK "Limits of Construction" to get slope stake limits. Refer to the CFL CADD Help page at http://www.cflhd.gov/resources/CADD/documents/CRAM_32_Clearing_Limits.pdf Use the 3PC "Draw Clearing Limits in Plan View" in the D&C Manager.

Use location bars show the following: Guardrail locations and end treatments, retaining walls, curbs, paved ditch, ditch protection, underdrain, subexcavation, etc

Text shows station, culvert diameter and length, number of barrels, end treatment, and permanent erosion protection.

Refer to the CADD manual Geopak Chapter 9 located on the CFL website for more information on clipping plan/plan sheets: http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter9_PlanProfileSheetClipping_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 Chapter 9 located on the CFL website for more information: http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter9_LevelsandSymbology_x30.pdf

Annotations and notes on the drawing include: "Show north arrow and appropriate scale.", "Remove existing driveway culvert", "Install 450 mm x 20 m culvert", "Construct riprap ditch protection", "Show r/w lines.", "Show fences and/or gates to be constructed or relocated.", "Show approach road symbol with type, class, mainline stationing, and design grade for minor approach roads.", "Show edge of existing roadway.", "Specify how an item of work is to be paid for if it is unclear.", "Show curve data for each curve.", "Label the profile grade.", "Use text style 'Metric Italic, Standard Text' found in the CFLHD text style library cfl_metric_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", "Show VPI station and elevation.", "Show grid elevations.", "Show removal of existing culverts.", "Show stopping sight distance, k value, and length of curve.", "Show culvert symbol. Cells can be found in Hyd_X30.cel. Use appropriate size cell for each culvert. Flowline of culvert symbol is at the designed centerline crossing elevation.", "Remove and reset existing block wall for driveway reconstruction. Payment will be made under Item 62301-0000 General Labor", "Remove and reset existing driveway culvert", "Remove and reset existing metal gates. Install 6 m of 4-strand wire fence between gates. 9+984 to 10+000 Lt.", "Install 450 mm x 78 m culvert End Sections, Lt. & Rt. 3 Type GMP Inlets", "Construct pullout 9+940 to 10+020 3.9 m Lt.", "Construct pullout 9+957.07 to 9+980.00", "Construct riprap ditch protection", "Install 450 mm x 4 m culvert End Section at inlet Connect to Type GMP Inlets", "Remove and reset Section Corner monument per Section 11.2 of the SCRs", "Remove existing driveway culvert", "Remove and reset existing block wall for driveway reconstruction. Payment will be made under Item 62301-0000 General Labor", "Remove and replace Butte County monument See Special M152-A", "Scale in meters", "Refer to other drawings if appropriate.", "Show control points.", "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_DCManager_x30.pdf", "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", "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", "Use location bars show the following: Guardrail locations and end treatments, retaining walls, curbs, paved ditch, ditch protection, underdrain, subexcavation, etc", "Text shows station, culvert diameter and length, number of barrels, end treatment, and permanent erosion protection.", "Refer to the CADD manual Geopak Chapter 9 located on the CFL website for more information on clipping plan/plan sheets: http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter9_PlanProfileSheetClipping_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 Chapter 9 located on the CFL website for more information: http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter9_LevelsandSymbology_x30.pdf", "Show curve data for each curve.", "Label the profile grade.", "Use text style 'Metric Italic, Standard Text' found in the CFLHD text style library cfl_metric_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", "Show VPI station and elevation.", "Show grid elevations.", "Show removal of existing culverts.", "Show stopping sight distance, k value, and length of curve.", "Show culvert symbol. Cells can be found in Hyd_X30.cel. Use appropriate size cell for each culvert. Flowline of culvert symbol is at the designed centerline crossing elevation.", "Remove and reset existing block wall for driveway reconstruction. Payment will be made under Item 62301-0000 General Labor", "Remove and reset existing driveway culvert", "Remove and reset existing metal gates. Install 6 m of 4-strand wire fence between gates. 9+984 to 10+000 Lt.", "Install 450 mm x 78 m culvert End Sections, Lt. & Rt. 3 Type GMP Inlets", "Construct pullout 9+940 to 10+020 3.9 m Lt.", "Construct pullout 9+957.07 to 9+980.00", "Construct riprap ditch protection", "Install 450 mm x 4 m culvert End Section at inlet Connect to Type GMP Inlets", "Remove and reset Section Corner monument per Section 11.2 of the SCRs", "Remove existing driveway culvert", "Remove and reset existing block wall for driveway reconstruction. Payment will be made under Item 62301-0000 General Labor", "Remove and replace Butte County monument See Special M152-A", "Scale in meters", "Refer to other drawings if appropriate.", "Show control points.", "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_DCManager_x30.pdf", "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", "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", "Use location bars show the following: Guardrail locations and end treatments, retaining walls, curbs, paved ditch, ditch protection, underdrain, subexcavation, etc", "Text shows station, culvert diameter and length, number of barrels, end treatment, and permanent erosion protection.", "Refer to the CADD manual Geopak Chapter 9 located on the CFL website for more information on clipping plan/plan sheets: http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter9_PlanProfileSheetClipping_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 Chapter 9 located on the CFL website for more information: http://www.cflhd.gov/resources/CADD/CaddManDocs/Chapter9_LevelsandSymbology_x30.pdf"