Chapter 11 - Tab Sheets

Once the design is completed, pay quantities can be gathered and entered into summary sheets. There are many methods of calculating quantities and many formulae used. Once the quantities have been computed, they are entered into tab sheets and linked to MicroStation sheet border file for printing. This module describes the process of entering calculated quantities into the tab sheet and attaching the sheet to the sheet border for printing.

Files Used

Three files are used to create the final tab sheet for printing. These are:

- *Trnsport_Itemlist.csv* –This file contains the list of pay item codes from the Colorado Department of Transportation Master Item Code Book (Spec Year 05). This file is located in the *C:\Workspace\Workspace-CDOT_XM\Standards-Global* folder and is automatically updated by ServerCop.

- *JPC#SPEC_Tabulation of ???.xls* – This is the file where the quantity data is entered. The first part of the file name is the project code and the three to four letter abbreviation of the specialty group. The last part of the name describes the type of data to be entered. For example, the 88888DES_Tabulation of Guardrail.xls contains quantities and pay items related to guardrail. These files are located in the *C:\Projects\JPC#\Group\Drawings\Tabs* folder.

- *JPC#SPEC_TabMisc##.dgn –* This file contains the sheet border for the printable tabulation sheet. This file can be modified to contain project specific information (project code, RE cell, etc.). It can also be copied if more tabulation sheets are required. This file is located in the *C:\Projects\JPC#\Group\Drawings\Tabs* folder.

Entering Data into the Spreadsheet

The process of inputting data into the spreadsheet is similar for all of the tab sheets. See the tab sheet instructions workflow Tabulation of Bridge. You can find this document here: *http://www.coloradodot.info/business/designsupport/cadd/manuals-training-resources/resources/*.

Linking the Tab Sheet to a MicroStation Drawing

The process of linking the Tab Sheet to a MicroStation drawing is the same for any Excel spreadsheet. See the Linking MicroStation to Excel Document instructions workflow at *http://www.coloradodot.info/business/designsupport/cadd/cadd-workflows/v8i-ss2* to guide you.