



Workflow 1: Calculating “By Each” Quantities

To access this workflow, follow this link:

<http://www.cflhd.gov/cadd/CaddManDocs/Creating A New MicroStation Design File.pdf>

1. *Select the item or items that you want calculated using the D & C Manager item list. Double-clicking on the item to be calculated will populate collection box at the bottom.*

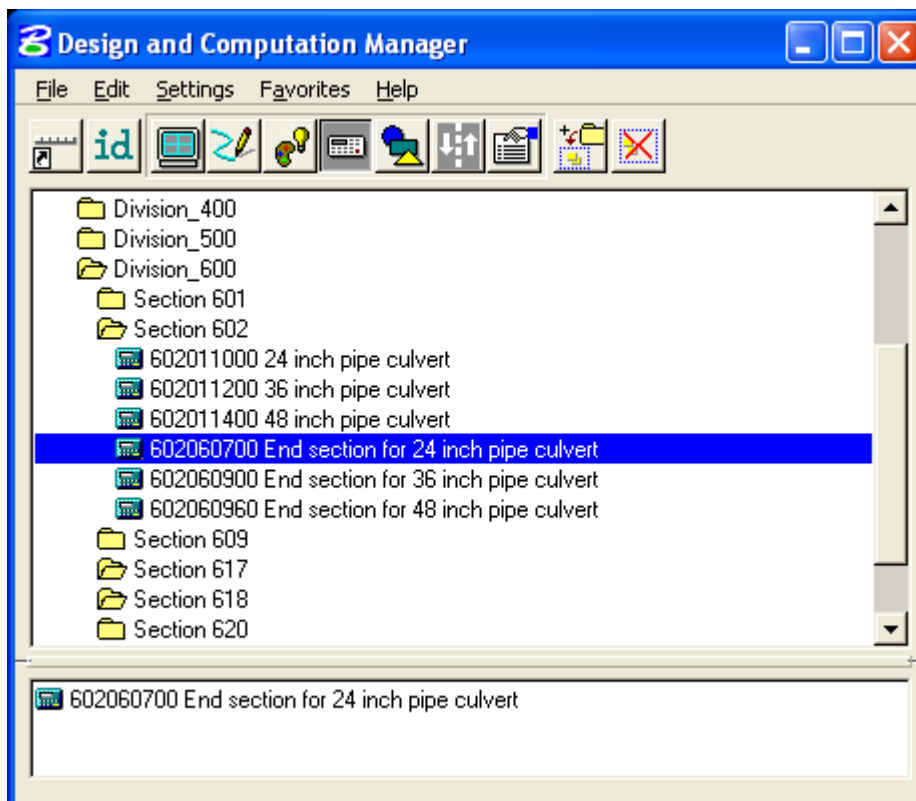


Figure 10-5: Item Selection

2. *Make sure the Job Number and Chain Name are correct. Set the Extents to View, Fence, or Active Design File. Select Compute Quantities.*

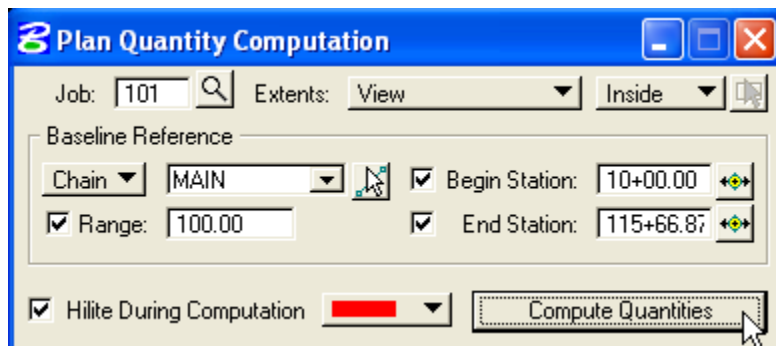


Figure 10-6: Compute Dialog



3. This will bring up the following dialog box:

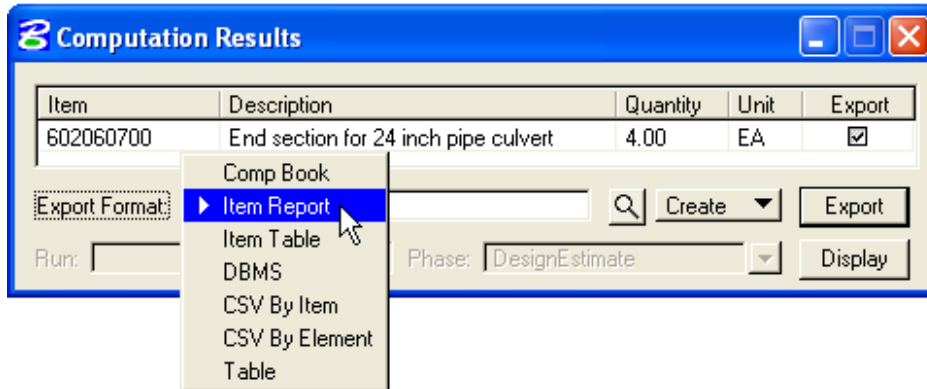


Figure 10-7: Computation Results Dialog

4. To get an itemized calculation (Station and Offset to each item), change the Export Format from Item Report to Comp Book, then give it an output file name similar to the following:

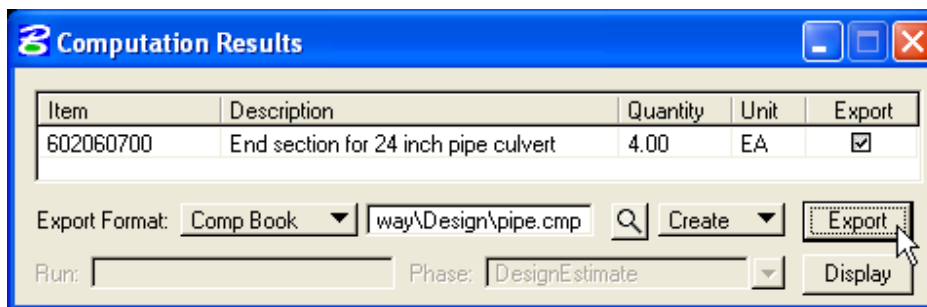


Figure 10-8: Computation Results Dialog for Comp Book

5. Select Export.

6. The following report will be created:

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Pay Item No. 602060700 Unit:EA File Name: c:\Your_Project\Roadway\Design\pipe.cmp

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Pay Item Name: End section for 24 inch pipe culvert

Baseline	Station	Offset	Northing	Easting	Quantity
MAIN	20+01.42	-23.97	523103.2502	1832584.5340	1.00
MAIN	19+98.80	12.83	523124.3845	1832573.1610	1.00
MAIN	17+17.89	25.53	523283.6007	1832794.6399	1.00
MAIN	17+12.85	-23.11	523250.4473	1832831.9375	1.00
Totals Unit:EA					4.00

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Figure 10-9: Output