

## Construction Schedule Excel Workbooks

Two Excel Workbook workbooks have been prepared that will assist in making charts of the type specified in Ventura County Standard Specifications (VCSS), Appendices B-1 and B-2. They are available for downloading from this web site without charge.

These programs are furnished without warranty. They are made available to assist Contractors in meeting the requirements of the specifications. Contractors are not required to use these programs to meet the requirements. Schedules meeting the requirements may be constructed manually or using any other available program that will generate the schedules.

To download click on the program name in the table below. Note that some virus protection programs will not allow downloading spreadsheets that contain macros. Also, to use macros, it may be necessary to change the Macro Virus Protection option in Excel.

The two workbooks (for Excel 97 or later) have the following significant differences:

| <b>Features</b>                         | <a href="#"><u>ConstrSchedule.xls</u></a>   | <a href="#"><u>ConstrScheduleDrag.xls</u></a>   |
|---|---|---|
| Basic setup                             | Uses macros (programs) executed from a custom toolbar.  | Uses standard Excel commands. No macros.  |
| Excel skills required                   | Data entry & following instructions.  | Data entry, use of Excel right click menu commands, use of File-Print commands & following instructions.  |
| Number of Tasks                         | Limited only by practical printing considerations.  | 100 max.  |
| Time (Horizontal scale)                 | Measured in Working Days which do not count weekends and VCSS designated holidays.<br>When interval = 1, weekends shaded.         | Measured in calendar days or multiples.   |
| Number of Time Periods (1-14 days long) | 245 max.  | 160 max.  |
| Changing Horizontal Scale               | Change any time.<br>Bars updated automatically  | Must manually reconstruct bars after change.  |
| Bar Construction                        | Bars constructed when Up-Date button is clicked based start time & duration entries.  | Bars constructed manually on chart, dates & duration columns computed from bars.  |
| Discontinuous Tasks                     | Must separate in to individual task for each continuous segment.  | Bar may be constructed with breaks.   |
| Order of Tasks                          | Tasks with bars can be moved using the custom up & down arrow buttons.  | Order of tasks can be changed only by reentering the tasks and rebuilding the bars.   |
| Cost-Time Chart                         | Usually better  | May be slightly less well defined.  |
| Printing the Bar Chart.                 | Print area is pre-selected to fit Tasks and Time periods used. Columns B:I and Row 4 may be hidden with Hide/Unhide menu buttons. | Workbook is set up for maximum Tasks and Time periods. Unused Task row and unused Time columns must be hidden using Excel commands before printing. |