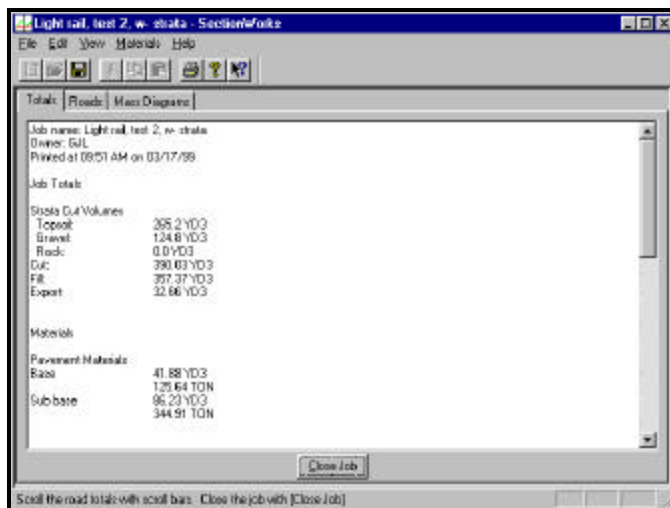# SectionWorks

Road, railway and canal cross-section estimation software for calculating excavation, strata cut and material quantities.

SectionWorks allows you to quickly and easily calculate: ● Excavation quantities including cut, fill, and import-export. ● Strata cut volumes. ● Paving material volumes and tonnage. ● Mass diagrams showing the accumulated import/export volumes.
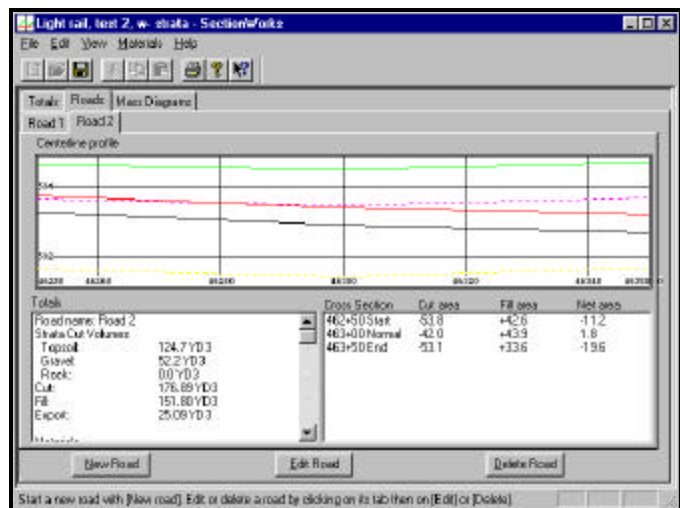
Simply enter elevation and paving material information from your cross-section drawings. As soon as you complete the information, your totals are displayed.

Job Totals View

The Job Totals View displays the totals for the job including: cut, fill and import-export volumes, strata cut volumes, and material lists showing volumes and tonnages of the paving materials.

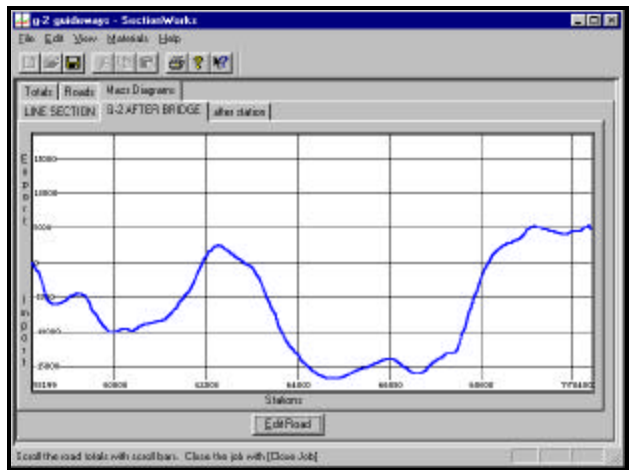Totals are reported for the entire job as well as by the individual road.

Job Roads View

The Job Roads View shows an overview of the roads that make up the job. A series of tabs gives you quick and easy access to each road. For each road, the program shows a graphic of the road centerline as well as the road excavation and pavement material quantities. It also show the cut and fill areas of each cross-section.
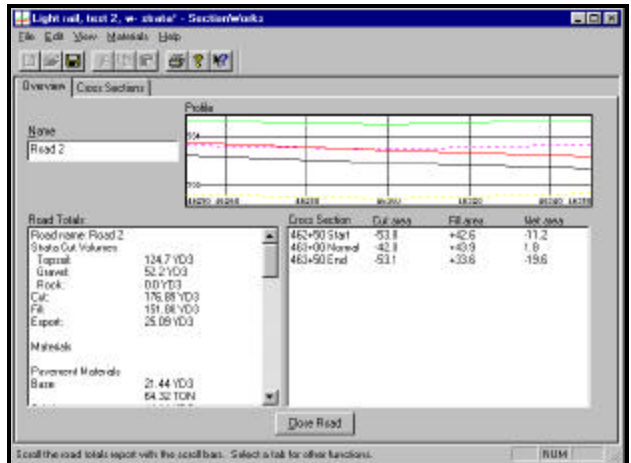
Mass Diagram View

The Mass Diagram View allows easy tabbed access to all of the mass diagrams for the roads in the job.

The mass diagram shows the accumulated import-export volumes along the length of the road.
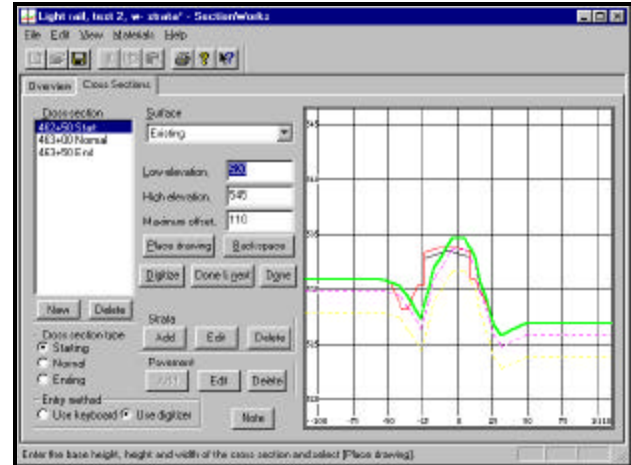

Road Totals View

The Roads Totals View gives you an overview of the current road including a centerline graphic, totals report and cross-section cut/fill list. The centerline graphic shows the existing, proposed, pavement and strata elevations at the road centerline. The report shows the cut, fill, strata cut, import/export volumes and material quantities.

Cross-section Digitizer View

The Cross-section Digitizer View allows you to digitize in the elevations, pavement location and strata for each cross-section. On-screen, digitizer and keyboard commands allow to quickly and easily digitize all the cross-sections in a road with a minimum of keystrokes.

Cross-section Keyboard View

The Cross-section Keyboard View allows you to enter all of the elevation, pavement and strata information without a digitizer. This view also allows you to modify the cross-section information without having to have access to the cross-section drawings.