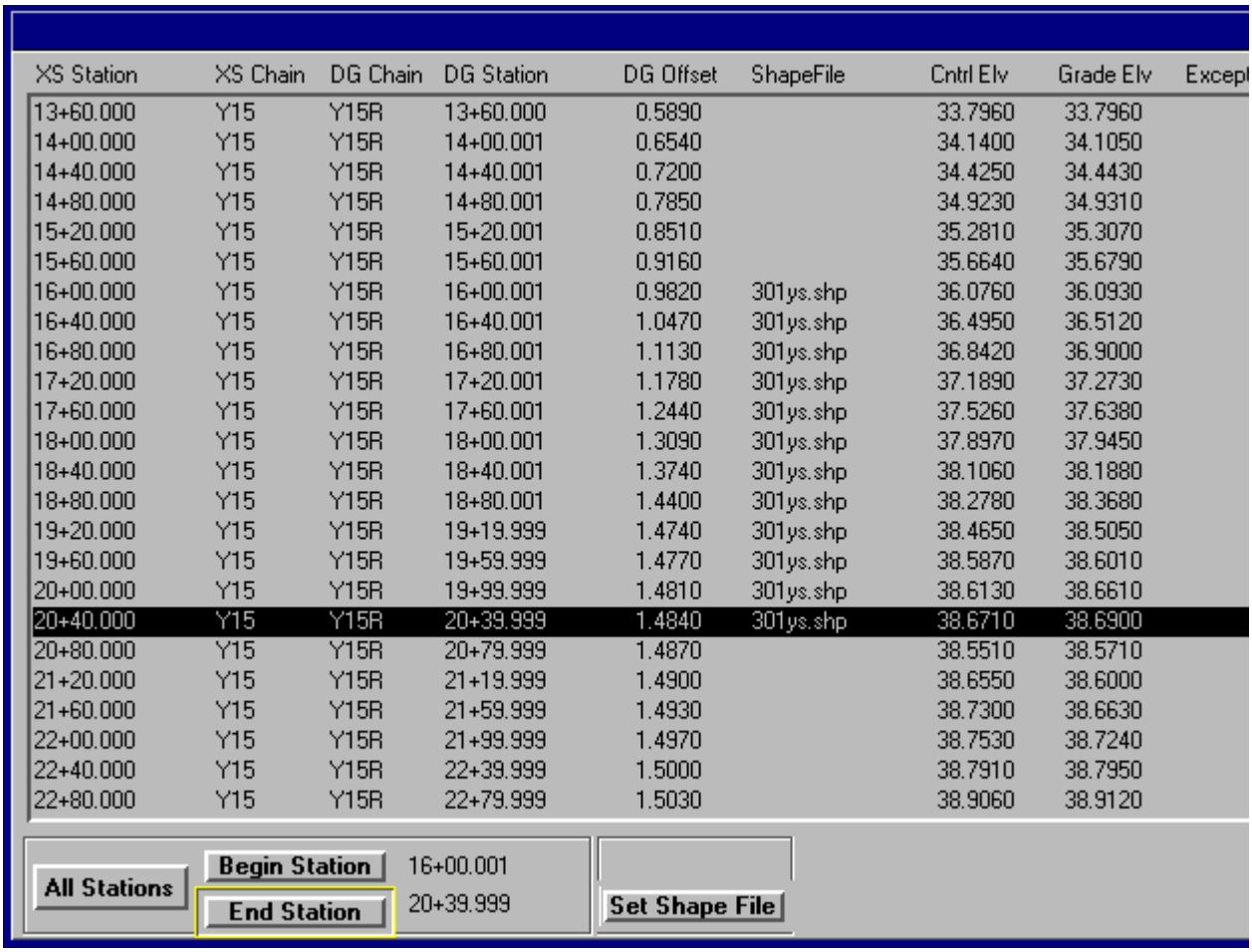
Browser

The **NCWedge Browser** presents the contents of the project station file for inspection. It also serves in multiple processes throughout the program. It is used for station range specifications in Cross Section deletion, setting Design Alignments, specifying shapes files, specifying cross section file names for the Wedging Quantities and Cross Section Edit processes, editing control elevations and input of Exceptions.

Station Range Specifications

Station ranges are specified by clicking on a station in the Browser list box and then select either the Begin or End Station button. When the Begin and End Stations are both selected, the action button can be selected.

For example, specifying a station range for setting shapes file names (for loading shapes).



XS Station	XS Chain	DG Chain	DG Station	DG Offset	ShapeFile	Cntrl Elv	Grade Elv	Excep
13+60.000	Y15	Y15R	13+60.000	0.5890		33.7960	33.7960	
14+00.000	Y15	Y15R	14+00.001	0.6540		34.1400	34.1050	
14+40.000	Y15	Y15R	14+40.001	0.7200		34.4250	34.4430	
14+80.000	Y15	Y15R	14+80.001	0.7850		34.9230	34.9310	
15+20.000	Y15	Y15R	15+20.001	0.8510		35.2810	35.3070	
15+60.000	Y15	Y15R	15+60.001	0.9160		35.6640	35.6790	
16+00.000	Y15	Y15R	16+00.001	0.9820	301ys.shp	36.0760	36.0930	
16+40.000	Y15	Y15R	16+40.001	1.0470	301ys.shp	36.4950	36.5120	
16+80.000	Y15	Y15R	16+80.001	1.1130	301ys.shp	36.8420	36.9000	
17+20.000	Y15	Y15R	17+20.001	1.1780	301ys.shp	37.1890	37.2730	
17+60.000	Y15	Y15R	17+60.001	1.2440	301ys.shp	37.5260	37.6380	
18+00.000	Y15	Y15R	18+00.001	1.3090	301ys.shp	37.8970	37.9450	
18+40.000	Y15	Y15R	18+40.001	1.3740	301ys.shp	38.1060	38.1880	
18+80.000	Y15	Y15R	18+80.001	1.4400	301ys.shp	38.2780	38.3680	
19+20.000	Y15	Y15R	19+19.999	1.4740	301ys.shp	38.4650	38.5050	
19+60.000	Y15	Y15R	19+59.999	1.4770	301ys.shp	38.5870	38.6010	
20+00.000	Y15	Y15R	19+99.999	1.4810	301ys.shp	38.6130	38.6610	
20+40.000	Y15	Y15R	20+39.999	1.4840	301ys.shp	38.6710	38.6900	
20+80.000	Y15	Y15R	20+79.999	1.4870		38.5510	38.5710	
21+20.000	Y15	Y15R	21+19.999	1.4900		38.6550	38.6000	
21+60.000	Y15	Y15R	21+59.999	1.4930		38.7300	38.6630	
22+00.000	Y15	Y15R	21+99.999	1.4970		38.7530	38.7240	
22+40.000	Y15	Y15R	22+39.999	1.5000		38.7910	38.7950	
22+80.000	Y15	Y15R	22+79.999	1.5030		38.9060	38.9120	

As shown here, the user selected the station 16+00.001 in the list box, and clicked on the **Begin Station** button. Then selected station 20+39.999 and clicked on the **End Station** button. At this point, the station range has been specified. The shape file is set by clicking on the **Set Shape File** button. Notice, that the Browser has added a new column to the list box, titled ShapeFile. This column is used to show what has been selected for different station ranges.

When all station ranges have been selected and set, OK returns to the calling routine; in this case the Load Shapes Dialog which would then load shapes from 301ys.shp only for stations 16+00 to 20+39.

In most cases, only one shapes file or cross section file etc, is needed. Therefore, you would want to set one station range that spans the entire project file. Instead of using the Begin and End Station buttons, just click on All Stations. The Begin and End Station are automatically set to the first and last station in the project file.