o   Summary files and Consolidation files -

After all time gates have been processed, the program outputs Summary and Consolidation files in the following manner.

- Hook-up of segments between time gates to allow continuous segments across time gates.

- Output Summary Files.

- Consolidation of Summary files into continuous segments with time, amplitude and moveout at every depth point.

- Output of Consolidated Segment files on magnetic tape to be submitted for display on analysis routines.

2. Program 701 - Velocity Analysis Module - provides statistical displays (scattergrams of velocity, amplitude and dip as a function of time over the entire space and also over specified space gates. The RMS velocities are computed from the segment times and moveouts averaged over each space gate and plotted as a coded symbol for each segment. The symbols are coded according to segment length within each space gate or according to the relative length in the entire Consolidated file. The highest amplitude segment within each 100 msec. gate is also shown by circling the rank or grading symbol. Dip and amplitude information is plotted on the right-hand side of the velocity versus time plot.