

BASELINE STATIONING

Station marks are to be shown on all baselines at 100 feet - Rural and 50 foot - Urban intervals, perpendicular to the baseline. Enter all alignments for new projects using the Departments current automated engineering design package GEOPAK. Circles are to be shown at each intersection point of two or more baselines, having these points as the center.*

MATCH LINES

Match lines are to be shown perpendicular to the construction baseline at even construction stations. Stations and adjacent sheet number are to be shown at the beginning and end of each applicable plan sheet and at necessary points on connection and traverse baselines.

BEARINGS

Bearings are to be shown on each tangent or sub tangent segment on each plan sheet. If a tangent line extends for over half the length of the plan sheet, the bearing should be shown twice at equal intervals. Bearings should be shown so as not to conflict with station marks.

CURVE DATA

T.S.'s, S.C.'s C.S.'s, and S.T.'s on curves with spirals and P.C.'s and P.T.'s on curves without spirals are to be **labeled along lines** projecting from these points toward the center of the curve at a distance from the baseline adequate to clear anticipated proposed items and topography. P.R.C. lines may be projected toward either curve center point. Labeling is to be at an adequate distance from the baseline to clear anticipated proposed items and topography. **Remaining curve data** (degree; tangent; length; radius; curve stations superelevation rate (E), superelevation runoff (Lr), design velocity (V) and widening (W)) are to be shown on the inside of the curve, centered longitudinally and lettered along imaginary lines parallel to a line that would be tangent to the mid point of the curve. Superelevation runoff (Lr) information is to be placed manually in the curve data. Curve data is to be shown as closely to the baseline as practicable, but beyond anticipated proposed items and topography. **Complete curve data** is to be shown on each sheet on which any portion of the curve appears. Curve data, including stations may, if necessary due to congestion, be located in other appropriate areas of the plan sheet. In these cases, the curve itself and the data are to be identified with **a number** ("1", "2", "3", etc.) inside a $\frac{1}{4}$ inch circle for existing and $\frac{5}{16}$ inch circle for proposed curve data.

* Rev. 7/15