

Exercise 7-2

This is an individual exercise to practice storing a horizontal alignment outside of a GEOPAK project.

1. Open the MicroStation file **t:\br-proj\Exercise_7-2\Route_6.dgn**.

2. Use **Coordinate Geometry**, **Graphical COGO**, or **Horizontal Alignment Generator** to create the alignment on the following page.

Do not worry about the graphics (stationing, curve data, etc.) being plotted. These items will be discussed in later chapters.

3. Upon completion of storing the alignments in coordinate geometry, close **coordinate geometry**, **graphical cogo**, and **Horizontal Alignment Generator**.

Rte 6

Hints:

Beginning Point is at station 1268+90.8814 with coordinates of X=45,417.1720 & Y=90,893.1483.

The PI of the curve is located 984.25' from the beginning point along a bearing of N 80° 36' 26" E.

Curve RTE6-1 has a degree of curvature of 1° 30' 00.0" and a deflection to the right of 25° 27' 00.0".

The end point is located 3290.7634' from the PT of the curve along a bearing of S 73° 56' 34" E, which is the ahead bearing for the curve.

