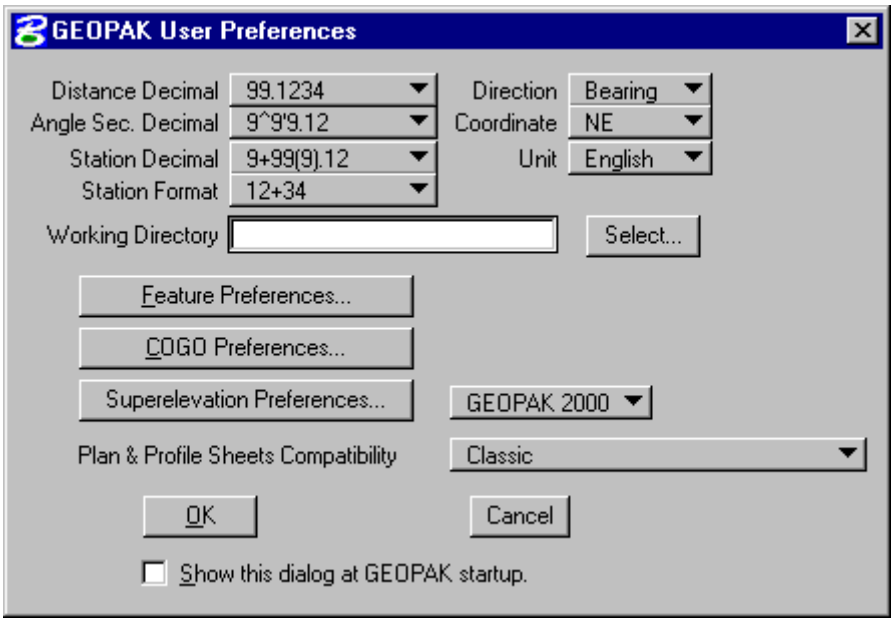
Exercise 5-1

1. Open the Microstation file t:\de-proj\Exercise_Rte_24\Route_24.dgn.

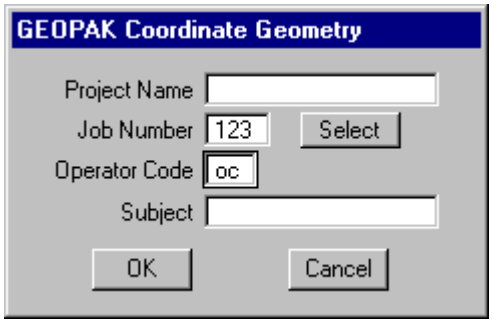
2. Go to **Applications>>Geopak Road>>User Preferences** and delete the working directory



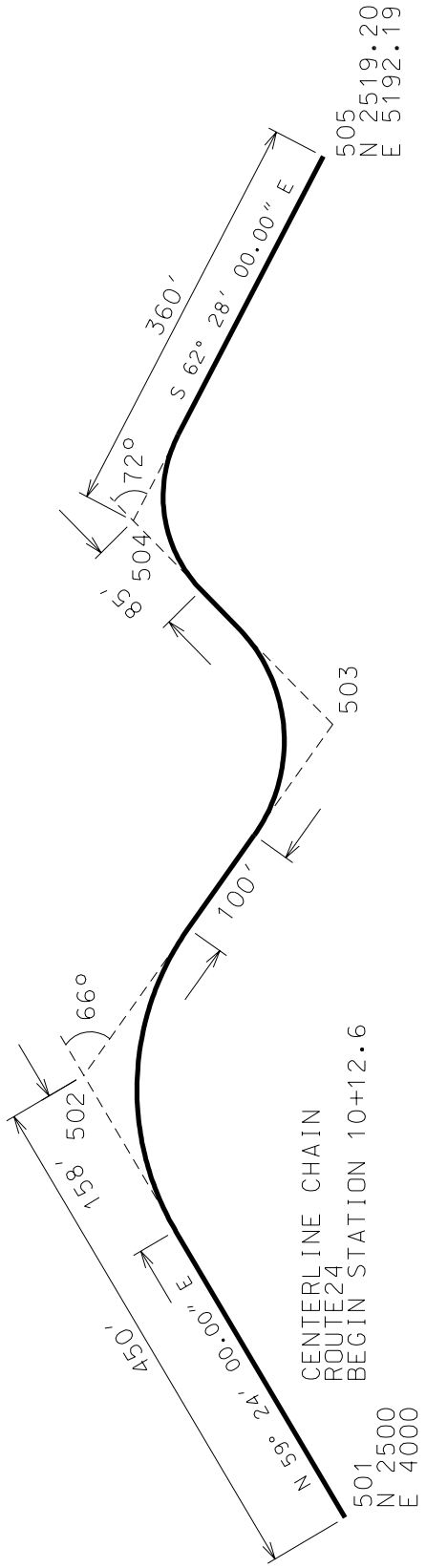
3. Open the **Coordinate Geometry** dialog. 

   Create **Job Number: 123**

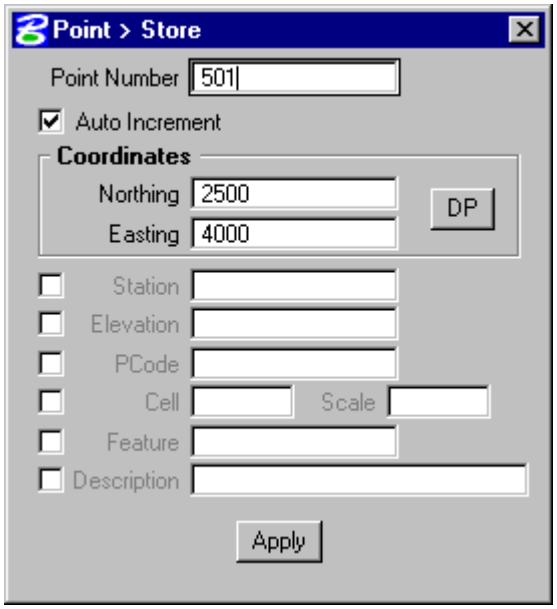
   Set the **Operator Code** to your initials.

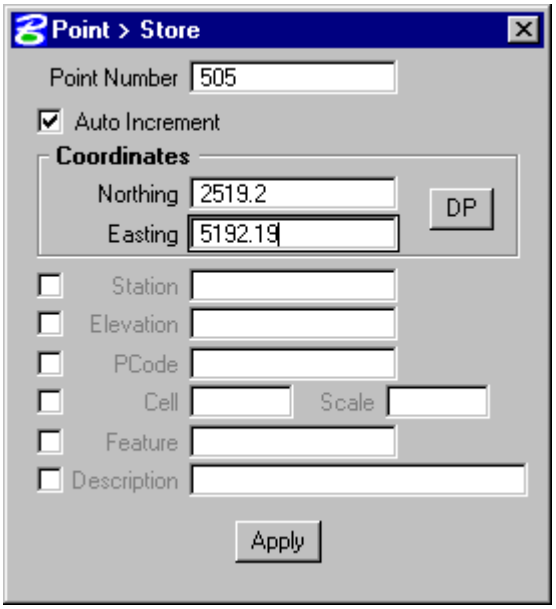


Create the following alignment as shown on the following pages.

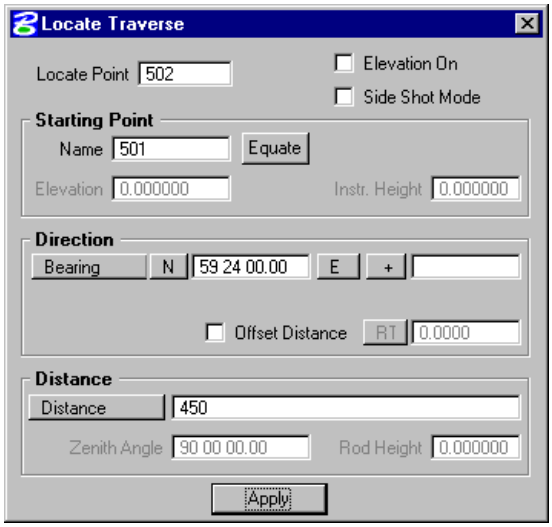


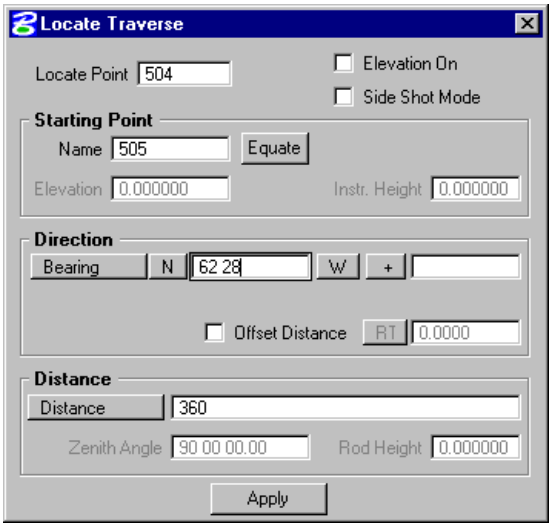
4. Store points 501 and 505 with the coordinates shown.



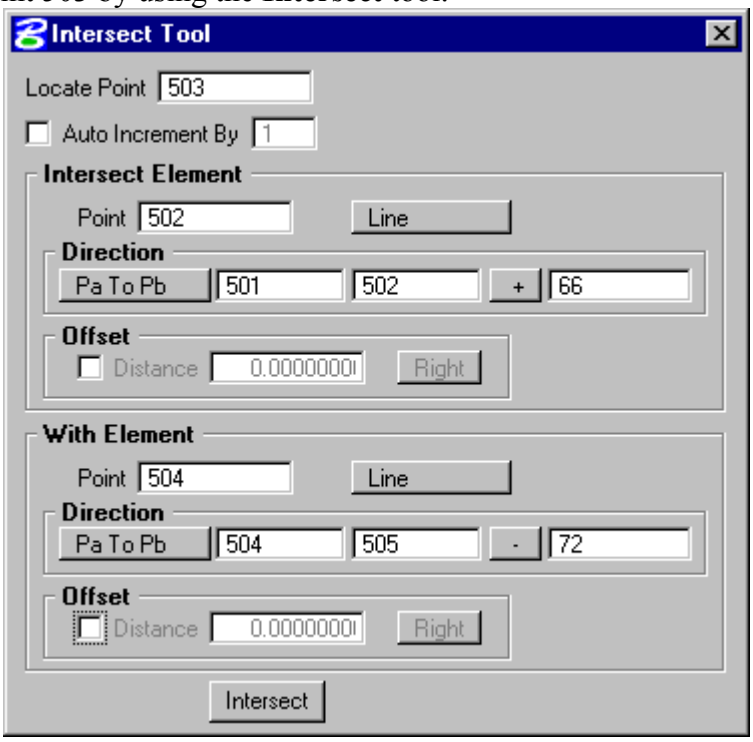


5. Locate points 502 and 504.

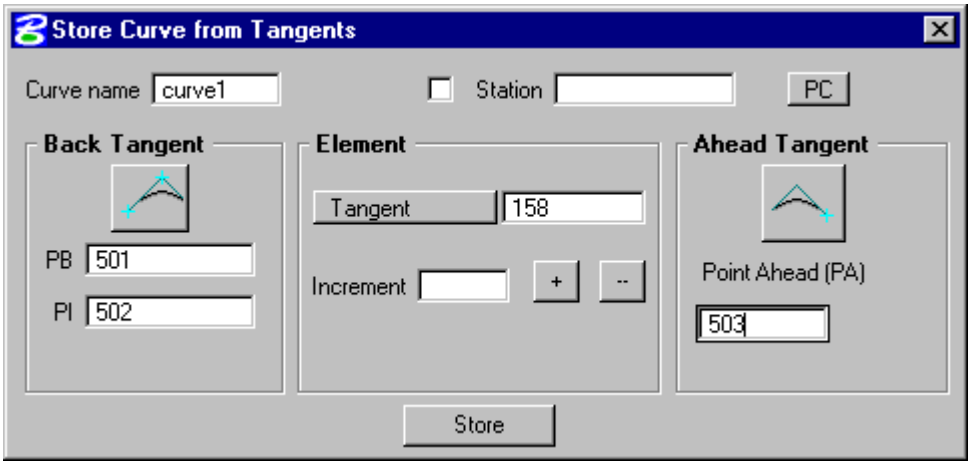




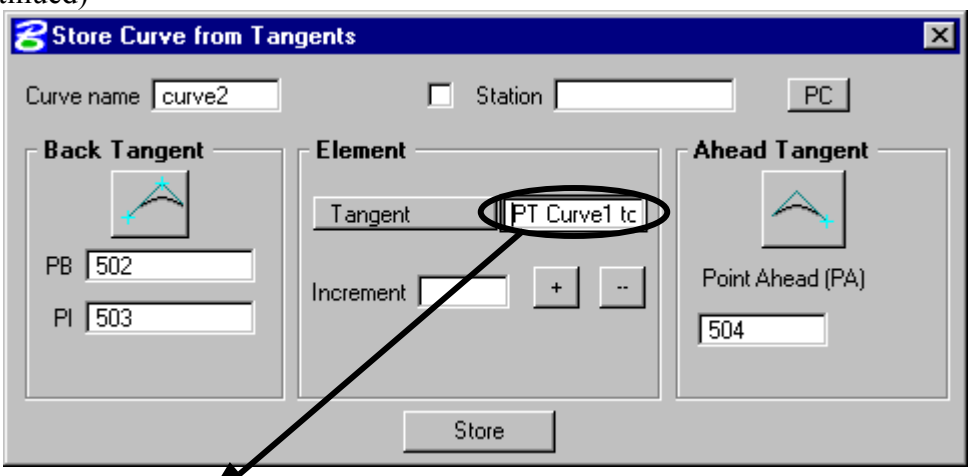
6. Locate point 503 by using the **Intersect** tool.



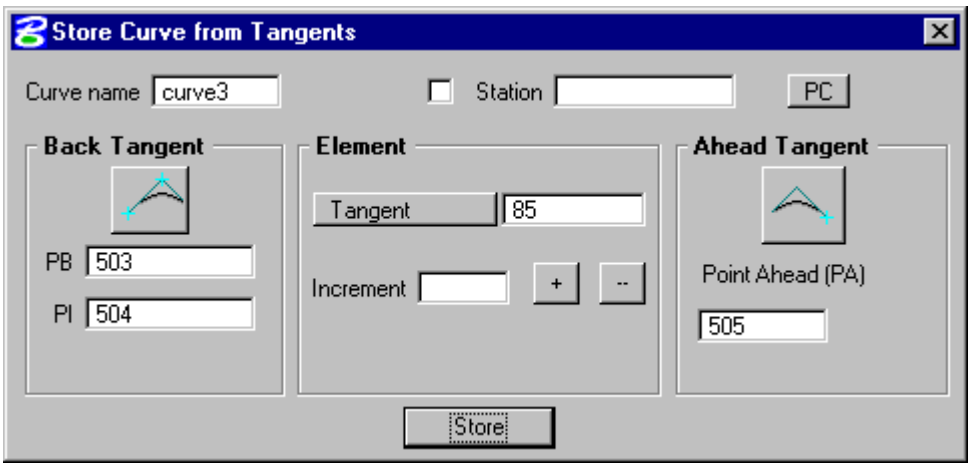
7. Store CURVE1, CURVE2, and CURVE3.



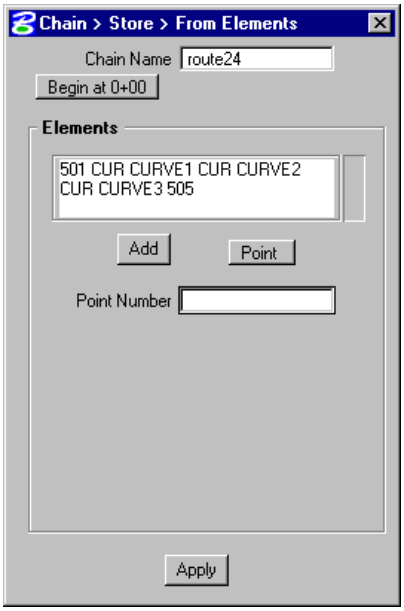
7. (Continued)



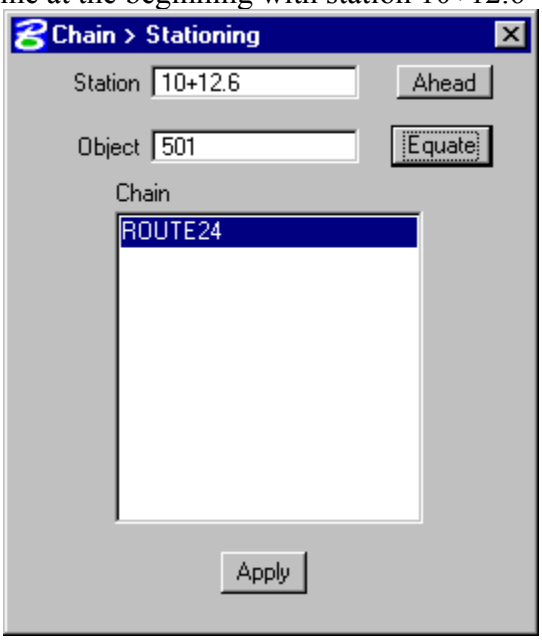
PT Curve1 to 503 m 100



8. Store the alignment chain Route24.



9. Station the centerline at the beginning with station 10+12.6



10. Describe the chain and save the output file. Review the output file in **UltraEdit**.

11. Use **COGO Navigator** to view the data.

12. Exit Coordinate Geometry.