

USE OF GPS FOR TRAVERSING

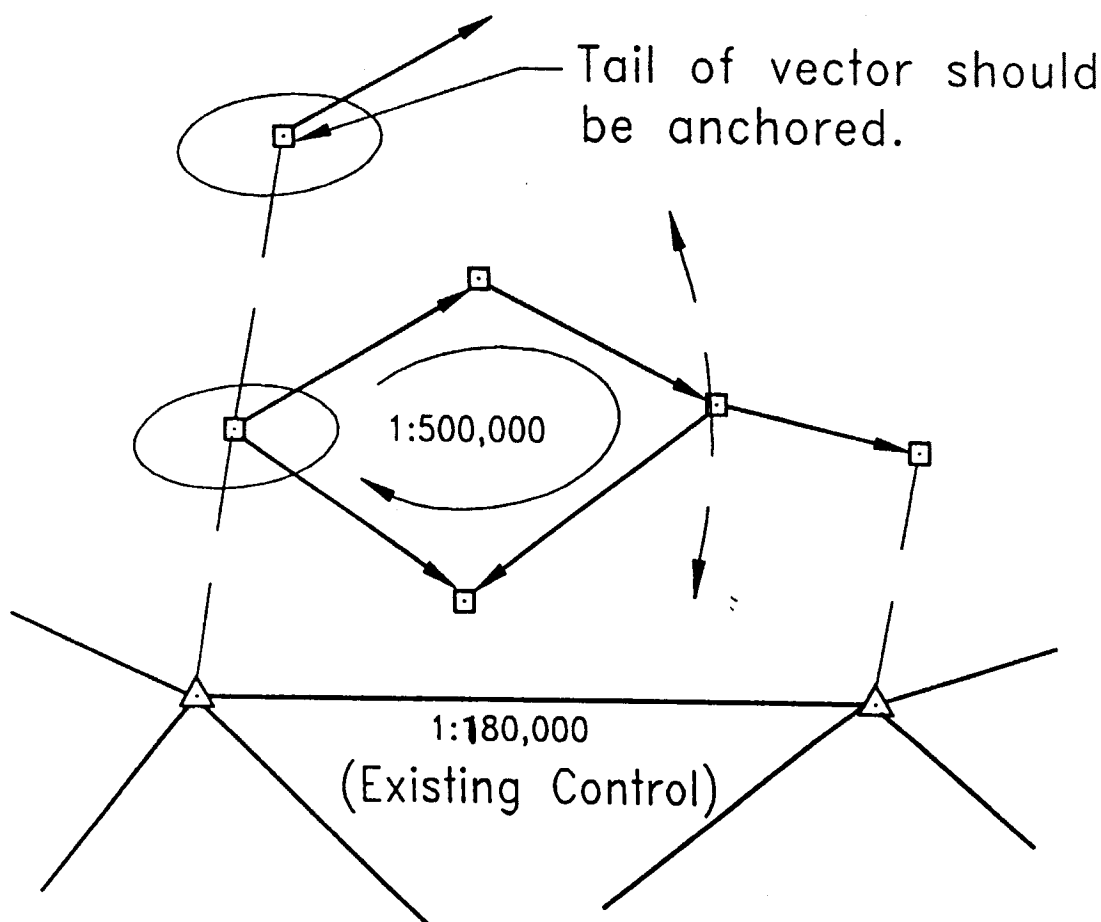
Each GPS vector includes ΔX , ΔY , ΔZ .

- Use those to find Δe , Δn , Δu

- In local geodetic horizon:

- Dist = $\sqrt{\Delta e^2 + \Delta n^2}$

- Azimuth = $\text{inv tan } (\Delta e / \Delta n)$



Note: Individual GPS vectors are, at times, useful. Standard procedure is to build a competent 3-D network.