

The following points are part of the GPS network at Oregon Tech.

Station	X: -2,490,977.0490	Lat:	42° 15' 16."99289
K-785	Y: -4,019,738.1880	Long:	-121° 47' 09."35425
	Z: 4,267,460.3830		

Station	X: -2,490,854.5019	Lat:	42° 15' 22."59642
Trimble	Y: -4,019,681.2420	Long:	-121° 47' 06."11902
	Z: 4,267,591.4054		

Traverse - conventional (length units - meters):

K-785	Slope dist: 595.3002	Δe :	333.7322	ΔX :	442.1859
to Pub	Zenith dir: 86° 09' 50."2	Δn :	491.3440	ΔY :	79.9921
	Azimuth: 34° 11' 06."9	Δu :	39.8267	ΔZ :	390.4551

Station	X: -2,490,534.8631	Lat:	42° 15' 32."91354
Pub	Y: -4,019,658.1959	Long:	-121° 46' 54."79687
	Z: 4,267,850.8381		

Inverses (Computed from X/Y/Z values listed above):

K-785 to Trimble	ΔX :	122.5471	Δe :	74.1716	
	ΔY :	56.9460	Δn :	172.9331	
	ΔZ :	131.0224	Δu :	4.4968	c&r:0.0024

Horizontal distance	= 188.1682
Azimuth	= 23° 12' 52."8
Difference in Elev.	= 4.4992

Trimble to Pub	ΔX :	319.6388	Δe :	259.5635	
	ΔY :	23.0461	Δn :	318.4072	
	ΔZ :	259.4327	Δu :	35.3415	c&r:0.0114

Horizontal distance	= 410.7997
Azimuth	= 39° 11' 12."1
Difference in Elev.	= 35.3529

Pub to K-785	ΔX :	-442.1859	Δe :	-333.7534	
	ΔY :	-79.9921	Δn :	-491.3251	
	ΔZ :	-390.4551	Δu :	-39.8820	c&r:0.0238

Horizontal distance	= 593.9627
Azimuth	= 214° 11' 16."7
Difference in Elev.	= -39.8582

