

STA	B.S. F.S.	4 HORZ. <	SLOPE DIST.		VERT. DIST.		H.P.	ELEV.	REMARKS
			HORZ. DIST.	FACT	INT.				
82002	1422			113.821	58° 58' 30"			Top of BARBER Pole	
				113.821	271° 01' 18"				
				113.821	+0° 01' 24"			Avg Vert L	
								u.s.?	
	8203			350.767	88° 25' 09"			HI = 4.53 1.381m	
				350.766	271° 34' 50"			HP = 5.21 Top of B. pole	
				350.768	+0° 34' 51"			1.588m	
				80 53 15					
	Avg H ₂ L			110° 13' 19"	✓ OK				
				Avg H ₂ Dist 350.767					
				110° 13' 18.75"					

019032

Sta. 82002, 82003, 82004, 1424, 1422

CROWN TRAVERSE 1982 (DDH)

STA	B.S. F.S.	4 HORZ. <	metres SLOPE DIST.		VERT. DIST.		H.P.	ELEV.	REMARKS
			HORZ. DIST.	FACT	INT.				
1422	1424								
	8202			113.820				HI = 4.40 1.250m	
				113.819	90 52 18		5.00	HP = 5.00 (Top of B. Pole)	
				113.818	269 07 36			1.524m	
				Avg. 113.819	-00 52 21			Avg V. L	
	Avg H ₂ L			100° 30' 20"	OK ✓				
				100° 30' 20.00"	✓				

STA	B.S. F.S.	4 HORZ. <	metres SLOPE DIST.		VERT. DIST.		H.P.	ELEV.	REMARKS
			HORZ. DIST.	FACT	INT.				
8203	8202			350.937	91° 31' 51"		1.524m	5.00 (Top of B. Pole)	
				350.796	268 28 12			HI = 4.70 1.433m	
				350.794	-01 31 50			Avg V. L	
				Avg. 350.795				1.716m	
	8204			175.417m				5.63 (Top of B. Pole)	
				175.415	88 44 15			HI = 4.70	
				Avg 175.416	271 15 45			1.433m	
				10 08 08	+01 15 45			Avg V. L	
	Avg H ₂ L			92° 32' 02"	OK ✓				
				92° 32' 07.00"	✓				

STA	B.S. F.S.	4 HORZ. <			metres SLOPE DIST. HORIZ. DIST.		VERT. VERT. DIST.		H.P.	ELEV.	REMARKS
		FACT	INT.	FACT	INT.						
82004	82003				175.448	91° 04' 36"				HI = 4.448	1.366m
HI = 4.448					175.447	268° 55' 18"				HP = 5.72	Top of B.Pole
1.366m					Avg Vert <	- 01° 04' 39"				1.622m	
		1424	137° 40' 21"		146.263					HI = 4.448	1.366m
			275° 20' 12"		146.263	91° 57' 12"				HP = 5.448	Top of B.P
			53° 00' 14"			268° 02' 45"				1.646m	
			190° 40' 18"		Avg Vert <	- 01° 57' 14"					
		Avg Htz <	137° 40' 04"								
		AV =	137° 40' 05"	OK ✓							
			137° 40' 09.50"								

PA _____ OF _____

STA	B.S. F.S.	4 HORZ. <			metres SLOPE DIST. HORIZ. DIST.		VERT. VERT. DIST.		H.P.	ELEV.	REMARKS
		FACT	INT.	FACT	INT.						
1424	82004				146.268	87° 53' 30"				HI = 4.71	1.436m
HI = 4.71					146.260	272° 06' 27"				HP = 5.04	Top of B.pole
1.436m		Avg. Vert <				+ 02° 06' 29"				1.536m	
		1422	99° 04' 06"								
			198° 08' 13"								
			297° 12' 27"								
			36° 16' 42"								
		Avg Htz <	99° 04' 10"								
		AV =	99° 04' 11"	OK ✓							
		TOTAL TRAVERSE ANGLES =	540° 00' 00"								
		" MEASURED ANGLES =	539° 59' 57" ✓								
		DIFF	= - 0° 00' 03" ✓								
			99° 04' 16.50"								

PA _____ OF _____

Station (Sta.): 1424 AZIMUTH
 Foresight (F.S.): 82004 FOR

Station (Sta.): 1422 AZIMUTH
 Foresight (F.S.): 82002 FOR

ELV. STAT. 82004: 1313.296

ELV. STAT. 82002 = 1300.26

Foresight	Meas. Dist.	$T_9 = 0.03680$
	Vert. <	<u>+02° 06' 29"</u> ✓
	Horz. Dist.	<u>146.263</u> ✓
	Vert. Dist.	<u>+5.384</u> ✓
	H.I.	<u>1.436</u> ✓
	H.P.	<u>1.536</u> ✓
	Diff.	<u>+5.284</u> ✓
Backsight	Meas. Dist.	$T_9 = 0.034115019$
	Vert. <	<u>-01° 57' 14"</u> ✓
	Horz. Dist.	<u>146.263</u> ✓
	Vert. Dist.	<u>-4.990</u> ✓
	H.I.	<u>1.366</u> ✓
	H.P.	<u>1.646</u> ✓
	Diff.	<u>-5.270</u> ✓
Sta. Elev.	<u>1308.019</u> ✓	
Diff.	<u>+ 5.277</u> ✓	
F.S. Elev.	<u>1313.296</u> ✓	

Foresight	Meas. Dist.	$T_9 = 0.01522917$
	Vert. <	<u>-00° 52' 21"</u> ✓
	Horz. Dist.	<u>113.819</u> ✓
	Vert. Dist.	<u>-1.733</u> ✓
	H.I.	<u>1.250</u> ✓
	H.P.	<u>1.524</u> ✓
	Diff.	<u>-2.007</u> ✓
Backsight	Meas. Dist.	
	Vert. <	
	Horz. Dist.	
	Vert. Dist.	
	H.I.	
	H.P.	
	Diff.	
Sta. Elev.	<u>1302.274</u> ✓	
Diff.	<u>- 2.007</u> ✓	
F.S. Elev.	<u>1300.267</u> ✓	

9005

✓ C3

Station (Sta.): 82004 AZIMUTH
 Foresight (F.S.): 82003 FOR

Station (Sta.): 82002 AZIMUTH
 Foresight (F.S.): 82003 FOR

ELV. STAT. 82003 1309.731

Foresight	Meas. Dist.	$T_9 = 0.018808139$
	Vert. <	<u>-01° 04' 39"</u> ✓
	Horz. Dist.	<u>175.416</u> ✓
	Vert. Dist.	<u>-3.299</u> ✓
	H.I.	<u>1.366</u> ✓
	H.P.	<u>1.622</u> ✓
	Diff.	<u>-3.555</u> ✓
Backsight	Meas. Dist.	$T_9 = 0.022038348$
	Vert. <	<u>+01° 15' 45"</u> ✓
	Horz. Dist.	<u>175.416</u> ✓
	Vert. Dist.	<u>+3.866</u> ✓
	H.I.	<u>1.433</u> ✓
	H.P.	<u>1.716</u> ✓
	Diff.	<u>+3.583</u> ✓
Sta. Elev.	<u>1313.896</u> ✓	
Diff.	<u>- 3.569</u> ✓	
F.S. Elev.	<u>1309.727</u> ✓	

Foresight	Meas. Dist.	$T_9 = 0.027597749$
	Vert. <	<u>+1° 34' 51"</u> ✓
	Horz. Dist.	<u>350.767</u> ✓
	Vert. Dist.	<u>+9.680</u> ✓
	H.I.	<u>1.381</u> ✓
	H.P.	<u>1.588</u> ✓
	Diff.	<u>+9.473</u> ✓
Backsight	Meas. Dist.	$T_9 = 0.026719589$
	Vert. <	<u>-01° 31' 50"</u> ✓
	Horz. Dist.	<u>350.767</u> ✓
	Vert. Dist.	<u>-9.372</u> ✓
	H.I.	<u>1.433</u> ✓
	H.P.	<u>1.524</u> ✓
	Diff.	<u>-9.463</u> ✓
Sta. Elev.	<u>1300.267</u> ✓	
Diff.	<u>+ 9.468</u> ✓	
F.S. Elev.	<u>1309.735</u> ✓	

AI' = 1309.731

✓ C3