

826989

P1- MAIN TRAVERSE
P2- ELEVATIONS
P3- STADIA RESULTS

1 OF 3

TRAVERSE 1 TOMMY 92F/3

COURSE	BRG.	DIST	NOT ADJUSTED		ADJUSTED : TRANSIT RULE				STN.
			DEP.	LAT.	BRG	DIST	DEP	LAT.	
			5,000.00	10,000.00			5,000.00	10,000.00	TT01
1-2	230°00'00"	40.03	4,969.34	9,974.27	230°04'11"	40.04	4,969.29	9,974.30	TT02
2-3	176°09'38"	32.02	4,971.48	9,942.32	176°09'42"	31.98	4,971.43	9,942.38	3
3-4	218°22'29"	44.18	4,944.05	9,907.69	218°26'37"	44.17	4,943.97	9,907.79	4
4-5	166°12'27"	37.09	4,952.89	9,871.66	166°12'40"	37.05	4,952.80	9,871.81	5
5-5A		2.94			266°47'19"	2.94	4,949.86	9,871.65	5A
5-6	147°14'57"	56.01	4,983.20	9,824.56	147°15'22"	55.94	4,983.06	9,824.75	6
6-6A		10.16			290°20'08"	10.16	4,973.53	9,828.28	6A
6-6B		28.70			205°23'37"	28.70	4,970.75	9,798.82	6B
6-7	121°30'30"	28.20	5,007.24	9,809.82	121°30'55"	28.16	5,007.07	9,810.03	7
7-8	112°26'16"	16.95	5,022.90	9,803.35	112°26'36"	16.93	5,022.71	9,803.57	8
8-9	02°16'49"	53.00	5,025.01	9,856.31	02°16'29"	53.06	5,024.82	9,856.58	9
9-10	343°33'38"	16.56	5,020.33	9,872.19	343°33'23"	16.58	5,020.13	9,872.48	10
10-13	12°22'24"	34.99	5,027.82	9,906.37	12°20'37"	35.02	5,027.61	9,906.70	13
13-12	16°32'38"	41.89	5,039.75	9,946.53	16°30'19"	41.93	5,039.53	9,946.90	12
12-14		36.88			127°44'28"	36.88	5,068.69	9,924.33	14
12-11	335°30'59"	24.08	5,029.77	9,968.44	335°30'38"	24.11	5,029.53	9,968.84	11
11-1	316°32'42"	42.88	5,000.28	9,999.57	316°32'14"	42.93	5,000.00	10,000.00	1

TRAVERSE LEG
CH. Σ = 467.88
Relative Precision
= .0011025

Error ΔX : 0.28
 ΔY : -0.43
Brg to close: 327°00'19"
dist " : 0.52

COURSE	BRG	DIST	DEP	LAT.	STN.
1-15 (INSIDE)	49°56'58"	34.75	5,026.60	10,022.36	15
14-ADDIT	138°12'11"	30.38	5,088.94	9,901.68	ADDIT.
NOTE: PORTAL =		10.00	FROM TRANSIT,		
14-21	78°24'04"	42.34	5,110.17	9,932.84	21

ELEVATIONS.TRAVERSE #1

<u>TRAVERSE STNS</u>	<u>UNCORRECTED</u>	<u>CORRECTED:</u>	
		- factor = 0.04538 (PRORATED)	
TT01	100.00		
2	102.88	-0.045	= 102.83
3	104.68	-0.09	= 104.59
4	109.90	-0.14	= 109.76
5	115.11	etc.	= 114.93
6	127.03	} ↓	= 126.80
7	139.33		= 139.06
8	147.89		= 147.57
9	158.47		= 158.11
10	154.71		= 154.30
13	139.40		= 138.95
12	123.13		= 122.63
11	115.12		= 114.58
1	100.59		= 100.00

RAYS

5A	117.00	= 116.82
6A	125.70	= 125.47
6B	129.31	= 129.08
14	138.34	= 137.84
15	101.41	= 101.41
PORTAL	STN 14" + 1 FT."	
STN INTO ADIT	" "	
21		140.69

STADIA (BASED ON CORRECTED DATA OF TRAVERSE #1) π @ STA 1

	BRG.	HOR. DIST	ΔH	ELEV.	DEP.	LAT
→ TS1	170° 06' 26"	17.64	2.51	103.02	5,003.03	9,982.62
→ TS2	126° 12' 10"	20.42	1.25	101.76	5,016.48	9,987.94
→ TS3	139° 21' 39"	33.23	9.59	110.05	5,021.64	9,974.78

 π @ STA 11

→ TS4	47° 37' 49"	42.71	24.70	139.72	5,061.08	9,997.62
→ TS5	72° 23' 05"	46.39	29.38	143.92	5,073.74	9,982.88
→ TS6	119° 17' 31"	20.52	6.37	121.28	5,047.43	9,958.80

 π @ STA 10

→ TS7	78° 52' 48"	8.85	1.15	155.50	5,028.81	9,874.19
→ TS8	212° 43' 35"	19.98	-4.52	149.52	5,009.33	9,855.67
→ TS9	278° 56' 01"	30.26	-14.28	139.00	4,990.24	9,877.18

 π @ STA 8

→ TS10	165° 34' 31"	21.92	-1.31	146.18	5,028.17	9,782.34
→ TS11	179° 16' 48"	8.77	-0.52	147.00	5,022.82	9,794.80
→ TS12	252° 42' 21"	2.29	-0.16	146.90	5,020.52	9,802.89
→ TS13	97° 28' 01"	19.48	3.18	150.70	5,042.02	9,801.04
→ TS14	90° 00' 12"	14.36	1.43	149.75	5,037.07	9,803.57
→ TS15	357° 27' 06"	30.85	2.12	149.42	5,021.34	9,834.39