VAS.

O.S. 355

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse Y Trav. x Trav. *Computer* *Date*

Total Length *Error*

BEARINGS

1

2

3

4

Station	~~Bearing~~ Va	Corr.	Corrected Bearing	Distance ft	~~dist~~ ~~cos~~ V.A. M.	Sine	Cosine	E. V.E.	N. H D
						−		753·8	
C12 - Y1	− 32 30			29·36	8·95	53730	84339	738 0	7·55
						−			
Y1 - Y2	− 35 12			40 21	12·26	57643	81714	714·9	10·02
						−			7·93
Y2 - Y3	− 21 30			27·96	8·52	36650	93042	704·6	~~2601~~
						−			6·38
Y3 - Y4	− 10 30			21·30	6·49	18224	98325	700·7	~~2094~~
								775·6	
						−		774·8	
D17 - X1	− 02 00			26·23	7·99	03490	99939	774·5	7·99
						+			
X1 - X2	+ 02 00			17·02	5·19	03490	99939	775·40	5·19
						+			
X 2 - X3	+ 18 30			14·22	4·33	31730	94832	779·65	4·11
						+			
X3 - X4	+ 21 00			13·07	3·98	35837	93358	784·82	3·72
						−			
X4 - X5	− 47 00			12·99	3·96	73135	68200	774·86	2·70
						−		770·6	
X5 - X6	− 10 00			23·19	7·07	17365	98481	~~770·8~~	6·96
						−			
X4 - X4a	− 12 15			7·24	2·21	21218	97723	782·7	2·16
						+			
X4 - X4b	+ 34 00			19·73	6·01	55919	82904	795·2	4·98
						+			
X4b - X4c	+ 17 00			24·67	7·52	29237	95630	802·4	7·19
X4c - X4d	-			14·80	4·51				4·51
X6 - X6a	-			24·67	7·52				7·52

O.S. 355

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse Y *Computer* *Date*

Total Length 31.88 *Error*

BEARINGS

1

2

3

4

2258 1443 2037

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E. 610.40	N. 200.70
C 12		-1022				−	−	.17	.11
Y1	196°30′		186 08	7.55′		10684	99428	76 609.59	08 193.19
Y2	198015′		187 53	10.02		− 13716	− 99055′	40 62 608.22	25′ 02 183.27
Y3	205°00′		194 38	7.93		− 25263	− 96756	58 80 606.22	37 23 175.60
Y3+	197°00′		186 38	6.38		− 11552	− 99331	72 6.20 605.48	46 8.80 169.26
								606.20 + .72	168.80 − .46
not Y3 to 3a dist.									
Y3-3a		-1042				−	−	608.60	183.00
3a	206°		195 38	3.04		− 26955	− 9630	607.8	180.1
3b	280		269 38	5.49		− 1.0	+ 0064	602.3	180.0
3c	289		278 38	3.66		− 9887	+ 1501	598.7	180.6
Y3e						−	+		
3d	346		335 38	1.21		− 4126	+ 9109	601.8	181.1
Y3b						−	+		
3e	289		278 38	1.52 ~~4.29~~		− 9887	+ 1501	600.8	180.3
3f	0		349 38	1.83		− 1800	+ 9837	600.5	182.1