

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 068 W - 77 PARTY No. 1173 DATE 2 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. SMITH WEATHER: SNOW FURRIED P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.		
1			TAKE OFF	T.P. 11									479.5	
2	E	3520		87 59 10						-114.1	361.8		475.9	T.P. 11 - LINE 124 = S.P. 313 + 770
3		✓		272 01 30										Δ S.P. 1015 - LINE 068 W
4		1760		88 23 00						+48.7			410.5	1014
5		0	✓							-5.0			356.8	π 1013
6	W	1760		90 32 00						-31.4			330.4	1012
7		2970	✓			B	12.9	-14.9		-27.6			334.2	⊙ 1012 + 550 (1011 + 550)
8		✓				B	12.6	-14.9						○ 337.9
9	E	3080		90 21 00						+33.7	367.9			Δ
10		✓		269 29 20										Δ
11		2530		90 48 40						-50.8			317.1	1018
12		2200		91 07 10						-58.0			309.9	1010 + 1430 (1010 + 1430)
13		770	✓			B	13.5	-3.9		-17.4			350.5	1010
14		0	✓							-5.0			362.9	1009 + 990
15	W	990	✓			B	12.8	-5.0		-17.8			350.1	⊙ 1009 354.1
16		✓				B	12.7	-5.0						○
17	E	3190	✓							+5.0	355.1			Δ
18		✓												Δ
19		1430		92 22 00						-74.1			281.0	1008
20		0	✓							-5.0			350.1	π 1007 + 330

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STADIA SURVEY NOTES

AREA W.H.R. - 4 STATE or PROVINCE ALASKA PAGE No. 2
 LINE No.(s) 968W-77 PARTY No. 1173 DATE 2 Day MON Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. S. HARRIS RODMAN R. SMITH WEATHER: 5.000 F. 11.000 H. 6.5 P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												355.1			
2	W	330		89 30 30				2.0		+0.8		355.9		1007	
3		2090		88 51 25				5.0		+36.7		391.8		1006	
4		3850		88 52 40				6.0		+69.6		424.7	⊙	1005	428.6
5		✓		271 07 45				6.0					⊙		
6	E	550	✓					12.5		+12.5		437.2			
7		✓	✓					12.5							
8		0	✓					5.0		-5.0		432.2	✕	1004	+ 1210
9	W	1210		90 27 00				15.0		-24.5		412.7	⊙	1004	412.6
10		✓		269 33 00				15.0					⊙		
11	E	3520		89 21 30				2.0		-32.5		380.2			
12		✓		276 33 50				2.0							
13		1760	✓				B	10.4	-8.8			361.0		1003	
14		0	✓					5.0		-5.0		375.2	✕	1002	
15	W	1760		89 34 30				10.0		+3.1		383.3	⊙	1001	387.4
16		✓		270 25 50				12.0					⊙	1000	
17	E	3376		90 20 00				15.0		+34.4		417.7			
18		✓		269 40 30				15.0							
19		1616		91 03 20				15.0		-44.8		372.9		1000	
20		0	✓					5.0		-5.0		412.7	✕	58.345	OLD LINE 6.8

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 2 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHARILL RODMAN R. SMITH WEATHER: SNOWY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. ○F.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												417.7				417.7
2		0	✓	/							-5.0	412.7				○ S.P. 345 - OLD LINE 68
3		0	✓	/								413.0				○ REFER P-45-1976 RETAIL
4												-0.5				MISTAKE
5		0	✓	/							+5.0	418.0				△ OLD S.P. 345
6		0	✓	/												△ = 1000 - 16 1/2'
7		0	✓	/							-5.0	413.0				△ = 1616' OF 1000
8	W	144	✓								-2.3	415.7				F.S. 1
9		1904			89	32	00				+0.5	418.5				F.S. 2
10		3664			89	57	00				-11.8	406.2				○ F.S. 3
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 3 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. S. HERRILL RODMAN R. S. SMITH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
															479.5
1															T.P. 11 - LINE 124 - S.P. 313 + 770
2	W	990		89 34 10				8.0		+0.4	476.3				Δ = S.P. 1015 - LINE 068-W
3		✓		270 26 50				8.0							Δ = S.P. 313 + 770 - LINE 124
4		0	✓					5.0		-5.0		471.3			π 1015 + 990
5	E	770		91 42 20				15.0		-37.9		438.4			0 1016 + 442.1
6		✓		268 18 15				15.0							0 442.0
7	W	3520		89 06 55				2.0		-52.7	385.7				Δ
8		✓		270 53 40				2.0							Δ
9		1760		90 27 10				15.0		-28.9		356.8		1017	
10		0	✓					5.0		-5.0		380.7		1018	
11	E	1430	✓				B	12.6	-7.2			364.0		1018 + 1430	
12		✓	✓				B	12.4	-7.2						0 370.0 369.5
13	W	2860		88 34 10				2.0		-69.5	294.5				Δ
14		✓		271 26 10				2.0							Δ
15		2530		88 41 30				2.0		+55.8		350.3		1019	
16		1100		90 21 00				15.0		-24.9		269.6		1019 + 1430	
17		770		90 15 40				15.0		-18.5		276.0		1020	
18		0	✓					5.0		-5.0		289.5		π 1020 + 770	
19	E	990		92 38 50				15.0		-60.7		233.8		0 1021 239.9 239.1	
20		✓		267 21 40				15.0							0

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 3 Day MAY Mo. 27 Yr. BOOK No.
 SURVEYOR T. SHARPLE RODMAN R. SMITH WEATHER: OVERCAST - Snow FLURRIES P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												233.8			
2	W	1760	✓					87.3		+8.6	242.4		Δ	1021	
3			✓					85.5					Δ		
4		1210		91 49 20				55.0		-53.5		100.9		1021 + 550	
5		0	✓					51.0		-5.0		237.4	π	1022	
6	E	1760	✓					7.8		-7.8		234.6		1023	
7		2310	✓					5.2		-5.2		237.2		1023 + 550	
8		3520		89 10 30				2.0		+42.9		285.3	⊙	1024 291.2 290.0	
9			✓	270 44 10				2.0					⊙		
10	W	770		88 59 20				6.0		-7.7	277.6		Δ		
11			✓	271 01 20				6.0					Δ		
12		0	✓					5.0		-5.0		272.6		1024 + 770	
13	E	990		92 11 40				15.0		-52.9		224.7		1025	
14		2420		92 35 10				15.0		-124.0		153.6	⊙	1025 + 1430	
15				267 25 25				15.0					⊙	159.5 158.1	
16	W	2090		90 31 00				15.0		+33.6	187.2		Δ		
17			✓	269 29 50				15.0					Δ		
18		1760		91 13 10				15.0		-52.5		134.7		1026	
19		1650		91 37 40				15.0		-61.9		125.2		1026 + 110	
20		0	✓					5.0		-5.0		182.2	π	1027	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 3 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERMAN RODMAN R. SMITH WEATHER: CLEARING P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												187.2				
2	E	1760		88 26 30				7.0		+40.4		228.1		1028		
3		3520		88 09 30				3.07		+110.1		297.3	0	1029	303.0	
4		✓		271 50 30				3.05					0		301.2	
5	W	3520		91 05 00				15.0		+81.6		378.9		A		
6		✓		268 55 00				15.0						A		
7		1760		90 47 50				15.0		-39.5		339.4		1030		
8		0	✓					5.0		-5.0		373.9	K	1031		
9	E	1760		89 02 00				9.07		+20.7		399.6	0	1032	406.5	
10		✓		270 58 10				9.05					0		403.3	
11	W	3520	✓				T	13.1 -17.6		-4.8		394.8		A		
12		✓					T	12.5 -17.6						D		
13		1760	✓					9.6		-9.6		385.2		1033		
14		0	✓					5.0		-5.0		389.8	K	1034		
15	E	1760		89 37 00				2.0		+9.8		404.6		1035		
16		3520		89 34 40				9.07		+16.9		411.7	0	1036	417.6	
17		✓		270 25 20				9.07					0		414.9	
18	W	1760		90 20 10				15.07		+25.3		437.0		A		
19		✓		269 40 00				15.07						A		
20		0	✓					5.0		-5.0		432.0	K	1037		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 3 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. SMITH WEATHER: PRIVY CLOUDY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
1												437.0			
2	E	1760		90 59 00				21.0 ^{H.A.}		-51.2		385.8		1038	
3		2970		91 09 30				21.0 ^{H.A.}		-81.0		356.0		1038 + 1210	
4		3520		90 42 40				150		-58.4		378.6	0	1039	384.3
5		✓		269 17 50				150					0		381.2
6	W	2970		90 28 30				150		+39.2	417.8		Δ		
7		✓		269 32 30				150					Δ		
8		1210		90 20 00				150		-22.0		385.8		1040	
9		0	✓					5.0		-5.0		417.8	π	1040 + 1210	
10	E	550	✓					7.2		-7.2		410.6		1041	
11		2310	✓					137		-13.7		404.1	0	1042	407.9
12		✓	✓					13.6					0		406.4
13	W	3520	✓				T	5.0 -17.6		-12.8	391.3		Δ		
14		✓	✓				T	4.6 -17.6					Δ		
15		1760	✓				T	7.2 +8.8		+1.6		392.9		1043	
16		0	✓					5.0		-5.0		386.3	π	1044	
17	E	1760		89 57 10				10.0		-8.5		382.8	0	1045	388.8
18		✓		270 03 10				10.0					0		384.9
19	W	3630		89 33 00				3.0		-25.7	357.1		Δ		
20		✓		270 27 25				3.0					Δ		

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STADIA SURVEY NOTES

AREA N.A.R. - 4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 4 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. SMITH WEATHER: CLM P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												357.1			
2	W	1870		90 30 50				15.0		-31.8		325.3		1046	
3		1540		91 03 20				15.0		-43.4		313.7		1046 + 330	
4		110	✓					8.0		-8.0		349.1		1047	
5		0	✓					5.0		-5.0		352.1	π	1047 + 110	
6	E	1650		90 07 15				15.0		-18.5		338.6	⊙	1048	344.9
7			✓	869 52 50				15.0					0		340.6
8	W	3850	✓				T 5.0	-19.3			-13.6	325.0	Δ		
9			✓				T 5.4	-19.3					Δ		
10		2090	✓				B 11.6	-10.5			-22.1	302.9		1049	
11		1540		90 37 50				15.0		-31.9		293.1		1049 + 550	
12		330	✓					13.6		-13.6		311.4		1050	
13		0	✓					5.0		-5.0		320.0	π	1050 + 330	
14	E	1430		89 36 00				8.0		+2.0		327.0		1051	
15		3190		89 23 00				2.0		+32.6		357.6	⊙	1052	364.0
16			✓	270 37 30				2.0					0		359.2
17	W	4269		90 58 10				15.0		+86.8		444.4	Δ		
18			✓	269 02 30				15.0					Δ		
19		2509		91 36 10				15.0		-85.2		359.2		1053	
20		749		91 02 15				15.0		-29.7		414.7		1054	

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STADIA SURVEY NOTES

AREA N.P.A. - 4 STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 068 W-77 PARTY No. 1173 DATE 4 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERMILL RODMAN R. SMITH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												444.4			
2		0	✓										439.4	X	INT = S.P. 1054 + 749 - 068
3															= S.P. 693 + 1192 - 122
4															
5	N	568		88 14 50									459.8		S.P. 694 - LINE 122 461.3
6															
7	E	1011		88 49 40									460.1	O	1055 461.7
8			✓	271 10 45										O	461.6
9	W	999		88 47 50										A	
10			✓	271 12 50										Δ	
11		0	✓												
12	E	770		92 17 40									444.2		1055 + 990
13		2530		92 33 30									403.4		1056
14			✓	267 27 05										O	1057 322.9
15	W	1760		92 05 40										B	322.7
16			✓	267 54 45										Δ	
17		1210		94 31 40											
18		0	✓												
19	E	1430		88 09 10										O	1058 + 1430
20			✓	271 51 30										O	435.4 435.1

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STADIA SURVEY NOTES

AREA N.A.R. - 4 STATE or PROVINCE ALASKA PAGE No. 10
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 4 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. SMITH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.		
1											433.9			
2	W	2090		91 10 15				150	+57.6	491.5		Δ	1058 + 1430	
3		✓		268 50 15				150				Δ		
4		1760		91 14 40				150	-53.2		438.3		1059	
5		0	✓					50	-50		486.5	π	1060	
6	E	1760		88 48 00				3.0	+34.0		525.5	○	1061 526.9	
7		✓		271 12 30				3.0				○	526.4	
8	W	2970		90 26 45				150	+37.9	563.4		Δ		
9		✓		269 33 45				150				Δ		
10		1210	✓					14.6	-14.6		548.8		1062	
11		0	✓					5.0	-5.0		558.4	π	1062 + 12.0	
12	E	500	✓					7.6	-7.6		555.8	○	1063 557.4	
13		✓	✓					7.6				○	556.8	
14	W	3520		89 08 30				2.0	-50.6	505.2		Δ		
15		✓		270 52 16				2.0				Δ		
16		1760		89 14 00				2.0	+21.6		526.8		1064	
17		0	✓					50	-5.0		500.2	π	1065	
18	E	1760		90 35 15				15.0	-33.0		472.2		1066	
19		2750		90 54 30				150	-58.3		446.9	○	1066 + 990	
20		✓		269 00 10				150				○	225.1 447.3	

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STADIA SURVEY NOTES

AREA N.P.A. - 4 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 6 Day MAY Mo. 77 Yr. BOOK No.
 SURVEYOR T. S. HERRILL RODMAN R. SMITH WEATHER: CAVILL P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												446.9			
2	W	3080	✓			T	14.7	-15.4			-1.1	445.8	Δ	1066	+990.
3			✓			T	13.9	-15.4					Δ		
4		2310		90 27 10					15.0		-33.3	412.5		1067	
5		550	✓						13.2		-13.2	432.6		1068	
6		0	✓						5.0		-5.0	440.8	π	1068	+550
7	E	1210	✓			B	13.2	-6.1			-19.1	426.7	⊙	1069	428.1
8			✓			B	12.8	-6.1					⊙		427.1
9	W	3570		87 44 20					5.0		-134.1	292.6	Δ		
10				272 16 00					5.0				Δ		
11		1760		87 50 10					2.0		+54.5	349.5		1070	357.0
12		0	✓						5.0		-5.0	287.6	π	1071	
13	E	1770		91 40 00					15.0		-37.4	255.2		1071	+770
14		1760		89 47 40					2.0		+4.3	296.9		1072	
15		3570		88 47 10					2.0		+72.9	365.5	⊙	1073	368.0
16			✓	271 13 30					2.0				⊙		366.7
17	W	1760		90 49 10					15.0		+40.0	405.5	Δ		
18			✓	269 11 20					15.0				Δ		
19		0	✓						5.0		-5.0	400.5	π	1074	
20	E	1760		89 01 30					2.0		+27.9	433.4		1075	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 4 Day MAY Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERLICK RODMAN R. SMITH WEATHER: CLEAR P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												405.5			
2	E	3190		89 01 00				8.0		+47.1		452.6	0	1075	+1430
3		✓		270 59 40				8.0					0		455.0 453.6
4	W	3850		89 26 40				7.0		-30.6	422.0		Δ		
5		✓		270 33 50				7.0					Δ		
6		3520		89 23 00				5.0		+27.8		449.8		1076	
7		1760		89 38 00				3.0		+0.3		430.3		1077	
8		0	✓					5.0		-5.0		417.0	π	1078	
9	E	1760		90 54 50				15.0		-42.9		379.1	0	1079	381.7
10		✓		269 05 50				15.0					0		380.0
11	W	1760		88 28 50				2.0		-44.9	334.2		Δ		
12		✓		271 32 00				2.0					Δ		
13		0	✓					5.0		-5.0		329.2	π	1080	
14	E	1650		92 20 30				15.0		-82.4		251.8		1080	+1650
15		1760		92 05 00				15.0		-79.0		255.2		1081	
16		3520	✓				B	5.4	-17.6			311.6	0	1082	314.1
17		✓					B	4.6	-17.6				0		312.2
18	W	3520		91 34 40				15.0		+111.6	423.2		Δ		
19		✓		268 26 00				15.0					Δ		
20		1760		91 16 20				15.0		-54.1		369.1		1083	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No. (s) 1068-W -77 PARTY No. 1173 DATE 5 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERMILL RODMAN R. SMITH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Ab.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												423.2				
2		0	✓					5.0		-5.0		418.2	κ	1084		
3	E	1760		89 42 00			5.0		+4.4		427.6	0	1085	430.2		
4			✓	270 18 40			5.0						0		428.1	
5	W	2530		89 20 20			7.0			-22.4	405.2		Δ			
6			✓	270 40 10			7.0						Δ			
7		770		89 23 30			2.0			+6.2		411.4		1086		
8		0	✓				5.0			-5.0		400.2	κ	1086.4		
9	E	990		91 00 40			15.0			-32.5		372.7		1087		
10		2207		91 14 30			15.0			-62.8		342.4			INT = S.P. 1087 + 1217 L-068	
11															S.P. 346 + 1329 L-064	
12															339.6	
13		2100		91 27 10			15.0			-68.2		337.6		S.P. 347	-LINE 064	337.4
14		2750		91 18 00			15.0			-77.4		327.8	0	1088		
15			✓	268 42 00			15.0						0			
16	W	3520		89 57 30			1.0			-1.6	326.2		Δ			
17			✓	270 02 30			1.0						Δ			
18		1760		92 39 40			15.0			-96.7		229.5		1089		
19		0	✓				5.0			-5.0		321.2	κ	1090		
20																

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 14
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 5 Day MAY Mo. 27 Yr. BOOK No. _____
 SURVEYOR T. SHERMAN RODMAN R. SMITH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
1												326.2			
2	E	1760		88 29 00				9.0		+37.6		363.0	⊙	1091	
3		✓		271 31 10				9.0					⊙		
4	W	2750		90 57 20				15.0		+60.7	424.5		Δ		
5		✓		269 03 00				15.0					Δ		
6		990		90 39 00				15.0		-26.2		398.3		1092	
7		0	✓					5.0		-5.0		419.5	π	1092 + 990	
8	E	770	✓					1.67		-1.6		422.9	⊙	1093	
9		✓						1.65					⊙		
10	W	1760		88 48 45				7.07		-29.5	393.4		Δ		
11		✓		271 11 30				7.05					Δ		
12		0	✓					5.0		-5.0		388.4	π	1094	
13	E	1760		92 12 00				15.0		-82.6		310.8		1095	
14		3520		92 20 00				21.0 ^H		-164.0		229.4	⊙	1096	
15		✓		267 40 35				21.05					⊙		
16	W	1760		92 24 20				21.0 ^H		+94.7	324.1		Δ		
17		✓		267 36 20				21.05					Δ		
18		0	✓					5.0		-5.0		319.1	π	1097	
19	E	1760		87 54 00				8.0		+56.6		380.7	⊙	1098	
20		✓		272 06 30				8.0					⊙		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALABAMA PAGE No. 15
 LINE No.(s) 068W-77 PARTY No. 1173 DATE 5 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN R. SMITH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												380.7			
2	W	3190		90 48 40				150		+60.2	440.9		Δ	1098	
3		✓		269 11 20				150					Δ		
4		1430		90 33 30				150		-28.9		412.0		1099	
5		0	✓					5.0		-5.0		435.9	π	1099	+1430
6	E	330	✓					11.0		-11.0		429.9		1100	
7		1760		91 19 00				150		-55.4		385.5	0	1100	+1430
8		✓		268 41 00				150					0		
9	W	3850	✓				T	124	-19.3		-6.9	379.6		Δ	
10		✓	✓				T	122	-19.3					Δ	
11		3520	✓					7.7		-7.7		376.9		1101	
12		2830		90 56 00				150		-56.2		322.4		1101	+990
13		1760		91 04 40				150		-48.1		330.5		1102	
14		0	✓					5.0		-5.0		378.6	π	1103	
15	E	1760		89 11 20				8.0		+17.0		395.6	0	1104	
16		✓		270 49 00				8.0					0		
17	W	2970		89 54 25				9.0		+4.0	399.6		Δ		
18		✓		270 06 00				9.0					Δ		
19		1210	✓					7.0		-7.0		392.6		1105	
20		0	✓					5.0		-5.0		394.6	π	1105	+1210

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALABAMA PAGE No. 16
 LINE No.(s) 66BW-77 PARTY No. 1173 DATE 5 Day MAY Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. SMITH WEATHER: CLOUDING P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												399.6				
2	E	550	✓					12.0		-12.0		387.6		1106		
3		2310	✓				B	13.3	-11.6		-24.9	374.7	0	1107		
4			✓				B	13.2	-11.6				0			
5	W	2750		88 37 00				6.0		-60.4		314.3	1			
6			✓	271 23 00				6.0					1			
7		990		88 38 30				2.0		+21.5		335.8		1108		
8		0	✓					5.0		-5.0		309.3	π	1108+990		
9	E	770		91 33 20				15.0		-35.9		278.4		1109		
10		2200		92 31 00				15.0		-111.6		102.7		1109+1930		
11		2530		91 57 30				4.0		-90.5		223.8		751		
12		4290		90 44 00				4.0		-58.9		255.4		752		
13		6050		90 15 50				4.0		-31.9		282.4		753		
14																
15																
16																
17																
18																
19																
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