

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 025-77 PARTY No. 1173 DATE 24 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERNILL RODMAN A. GARCIA WEATHER: CLCUM 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			SOUTH FROM			025-11						639.1	TBM 025-11			
2	N	330		88° 04' 30"					1.05		-10.2	628.9		Δ = S.P. 501		
3				271° 57' 10"					1.05					Δ		
4		0							5.0		-5.0	623.9		π GROUP 2		
5	S	440		95° 31' 40"					15.0		-57.2	571.7		⊙ GROUP 4		
6																
7			NORTH FROM			025-11						639.1	TBM 025-11			
8	S	2750							12.0		+11.4	650.5		Δ = S.P. 501		
9									10.85					Δ		
10		1870							10.6		-10.6	639.9		502		
11		990		90° 29' 20"					15.0		-23.4	627.1		503		
12		110							5.2		-5.2	645.3		504		
13		0							5.0		-5.0	645.5		π 504 + 110		
14	N	970		93° 01' 30"					21.0 ^{H.R.}		-61.6	588.9		505		
15		1650		90° 33' 10"					15.0		-30.9	619.6		506		
16		2530				B	3.1	-12.7			-15.8	634.7		507		
17		2860				B	3.9	-14.3			-17.6	632.9		⊙ 507 + 330		632.5
18						B	2.7	-14.3						⊙		
19	S	2420				B	3.2	+12.1			+14.9	647.8		Δ		
20						B	2.2	+12.1						Δ		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE OKLAHOMA PAGE No. 2
 LINE No.(s) 025-77 PARTY No. 1173 DATE 24 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERMAN RODMAN A. GARCIA WEATHER: CLEAR 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.			
1										647.8					
2	S	1870	✓			B	86	-9.4		-180	629.8		508		
3		990		90 19 10					15.0	-20.5	627.3		509		
4		110	✓						6.1	-6.1	641.7		510		
5		0	✓						5.0	-5.0	642.8	π	510+110		
6	N	770		93 02 50					210 H.R.	-61.9	585.9		511		
7		1650		91 02 20					15.0	-44.9	602.9		512		
8		2530	✓			B	11.8	-12.7		-24.1	623.7	0	513	623.0	
9			✓			B	11.0	-12.7				0			
10	S	2970		90 37 20					150 ?	+46.8	670.5		Δ		
11				269 23 40					150	-			Δ		
12		2090		90 41 26					15.0	-40.1	630.4		514		
13		1210		91 05 10					15.0	-37.9	632.6		515		
14		330		90 17 40					15.0	-16.7	653.8		516	π 516+330	
15	34'	650	✓						42 ?	-42	666.3	0	025-10		
16			✓						42)				0 = S.P. 516 + 296		
17											665.4		BACK SURVEY	665.4	
18															
19											+0.9		MISTAKE		
20															

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) 025-77 PARTY No. 1173 DATE 24 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA 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												665.4		TBM 025-10	
2	S	654	✓							+4.2	669.6			Δ = 51.516 + 296	
3		34	✓											Δ	
4		0	✓							-5.0		664.6	π	516 + 330	
5	N	550	✓							-3.1		666.5		517	
6		1430	✓							-2.8		666.8		518	
7		2310	✓				T	10.2	+11.6	+1.9		671.5	0	519	671.1
8		✓	✓				T	9.2	+11.6				0		
9	S	2970		89	43	40				+0.5	672.0		Δ		
10		✓		272	17	20							Δ		
11		2090	✓							-8.2		663.8		520	
12		1210	✓							-14.6		657.4		521	
13		330	✓							-7.9		664.1		522	
14		0	✓							-5.0		667.0	π	522 + 330	
15	N	550		90	20	20				-18.3		653.7		523	
16		1430		91	07	50				-43.2		628.8		524	
17		2310		91	24	20				-72.7		599.3	0	525	598.1
18		3720	✓	268	34	40							0	525	
19	S	2970	✓				B	3.0	+18.9	+18.2	617.5		Δ		
20		3190	✓				B	1.6	+18.9				Δ		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) 025-77 PARTY No. 1173 DATE 24 Day MAN Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLEAR 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												617.5				
2	S	2370		90 56 40				15.0		-53.1		564.4		526		
3		1430 430		91 21 20				15.0		-48.8		568.7		527		
4		550 350		92 11 50				15.0		-36.1		581.4		528		
5		0	✓					5.0		-5.0		612.5	π	528+550		
6	N	330	✓					1.6		-1.6		615.9		529		
7		1059		89 28 50				1.0		+8.6		626.1		127	= 529 + 729 L-025	
8															= 686 + 427 L-068	
9	NE	1180		89 29 30				2.0		+5.0		622.5		686	-LINE 068	
10	N	1210		89 26 40				2.0		+9.7		627.2		530		
11		2310		89 13 45				2.0		+29.9		647.4	0	531		645.4
12		✓		270 48 40				2.0					0			
13	S	1210	✓					B 9.5 +6.1		+15.4	662.8		Δ			
14		✓	✓					B 9.1 +6.1					Δ			
15		330	✓					6.1		-6.1		658.7		532		
16		0	✓					5.0		-5.0		657.8	π	532+330		
17	N	550	✓					13.8		-13.8		649.0		533		
18		1100		90 19 00				15.0		-20.9		641.9	0	025-09 = S.P. 533+549		
19		✓		269 42 20				15.0					0			
20												639.7			BARR SURVEY	639.7

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AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) 025-77 PARTY No. 1173 DATE 24 Day MAR Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLEAR 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	Correction	Center Hair			INST.	ROD			
1												639.7		TBM 025-09 = 668.06		
2	S	1210		89 09 50				2.0		-15.9	623.8			A 531 533+549		
3		✓		270 51 30				2.0						Δ		
4		880		89 17 50				3.0		+7.0		631.6		534		
5		0	✓					5.0		-5.0		618.8		π 535		
6	N	580		90 36 30				15.0		-20.7		603.1		0 535+550		603.0
7		✓		269 24 50				15.0						0		
8	S	2970		89 23 20				15.0		-17.3	585.8			A		
9		✓		270 38 10				15.0						A		
10		2640		90 26 10				15.0		-35.1		550.7		536		
11		1760		90 41 30				15.0		-36.2		549.6		537		
12		880		91 26 00				15.0		-37.0		548.8		538		
13		0	✓					5.0		-5.0		580.8		π 539		
14	N	880		87 23 40				10.0		+30.2		616.0		0 540		615.6
15		✓		272 37 50				10.0						0		
16	S	2640	✓					11.6		+11.2	627.2			A		
17		✓	✓					10.8						A		
18		1760	✓					1.7		-1.7		625.5		541		
19		880	✓					8.6		-8.6		618.6		542		
20		0	✓					5.0		-5.0		622.2		π 543		

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STADIA SURVEY NOTES

AREA N.P.A. - 4 STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 025-77 PARTY No. 1173 DATE 25 Day MAR Mo. 27 Yr. BOOK No.
 SURVEYOR T. SHERRILL RODMAN A. GARCIA 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											627.2			
2	N	080	✓					2.6	-2.6		624.6		544	
3		1760	✓			T	7.4	+8.8	+1.4		628.6		545	
4		2640		89	32	30		2.0	+19.6		646.8	0	546	646.0
5		✓		370	28	40		2.0					0	
6	S	1760		9	2	33	45	15.0	+93.2	740.0			Δ	
7		✓		267	27	50		15.0					Δ	
8		080		9	2	38	30	15.0	-56.5		684.5		547	
9		0	✓					5.0	-5.0		735.0	π	548	
10	N	080		87	42	40		5.0	+30.1		770.1		549	
11		1760		87	14	40		2.0	+82.5		822.5		550	
12		2640		86	12	00		2.0	+172.6		912.6		551	
13		3410		85	45	20		5.0	+247.3		987.3	0	551+770	986.1
14		✓		274	15	50		5.0					0	
15	S	1870		90	53	50		15.0	+43.9	1031.2			Δ	
16		✓		269	07	25		15.0					Δ	
17		1760		90	51	00		15.0	-41.1		990.1		552	
18		080		91	04	00		15.0	-31.4		999.8		553	
19		0	✓					5.0	-5.0		1026.2	π	554	
20		✓												

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 025-77 PARTY No. 1173 DATE 25 Day MON Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERILL RODMAN A. GARCIA 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												1031.2			
2	N	880		90 38 30				15.0		-24.7		1006.5	0	555	1005.0
3		✓		269 22 20				15.0					0		
4	S	880		87 52 30				3.0		-29.8		976.7	Δ		
5		✓		272 09 00				3.0					Δ		
6		0	✓					5.0		-5.0		971.7	T	556	
7	N	880		92 49 10				15.0		-58.2		918.5		557	
8		1760		92 56 10				15.0		-105.0		871.7		558	
9		2310 2640		93 14 30				15.0		-145.1		831.6	0	558 + 550	829.9
10		✓		266 46 10				15.0					0		
11	S	2090		89 16 20				2.0		-25.0		806.6	Δ		
12		✓		270 45 10				2.0					Δ		
13		1760	✓					1.0		-1.0		805.6		559	
14		880		91 17 40				15.0		-34.9		771.7		560	
15		0	✓					5.0		-5.0		801.6	T	561	
16	N	464		88 57 40				7.0				808.1	0	561 + 469 = 025-08	
17		✓		271 03 40				2.0		+1.5			0		
18												806.2		BARO SURVEY	806.2
19															
20												+1.9	MISTIE		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) 025-77 PARTY No. 1173 DATE 25 Day MAR Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: CLEAR 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												806.2		TBM 025-08		
2	S	1296		87 06 50				50		-60.5	745.7			A = S.P. 561 + 964		
3				272 54 40				50						Δ		
4		880		87 09 00				2.0		+41.7		787.4		562		
5		0						5.0		-5.0		740.7		π 563		
6	N	880		91 11 40				15.0		-33.3		712.4		564		880's
7		1760		90 55 00				15.0		-49.2		702.5		565		
8		2640		90 54 50				15.0		-56.5		689.2		0 566		↑ 689.1
9				269 06 50				15.0						0		
10	S	2970						14.9		+14.3	703.5			A		
11								13.7						Δ		
12		1740		90 47 45				15.0		-31.8		671.7		567		
13		0						5.0		-5.0		698.5		π 567 + 1210		1760's
14	N	550		90 46 40				15.0		-22.5		681.0		568		
15		2310		90 45 30				15.0		-45.1		658.4		0 569		658.1
16				269 15 50				15.0						0		
17	S	1870		90 22 20				15.0		+26.8	685.2			A		
18				269 39 00				15.0						Δ		
19		110						11.3		-11.3		673.9		570		
20		0						5.0		-5.0		680.2		π 570 + 110		

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STADIA SURVEY NOTES

AREA N.P.R. - f STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 025-77 PARTY No. 1173 DATE 25 Day MAN Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERMILL RODMAN A. GARCIA 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												685.2			
2	N	1650	✓					14.9		-14.9		670.3		571	
3		3410	✓			T	148	+17.1		+2.9		688.1	⊙	572	687.6
4			✓			T	13.6	+17.1					⊙		
5	S	2090		91	06 40				15.0	+55.1		743.2		Δ	
6				268	54 50				15.0					Δ	
7		330	✓						8.9	-8.9		734.3		573	
8		0	✓						5.0	-5.0		738.2	T	573 + 350	
9	N	1430		89	25 30				2.0	+12.4		755.6		574	
10		3190		88	53 35				2.0	+60.2		803.4	⊙	575	802.7
11			✓	271	07 45				2.0				⊙		
12	S	3520		90	51 20				15.0	+66.8		870.2		Δ	
13				269	10 10				15.0					Δ	
14		1760		90	34 20				15.0	-32.6		837.6		576	
15		0	✓						5.0	-5.0		865.2	T	577	
16	N	1430		88	53 10				2.0	+25.8		896.0		577 + 1430	
17		1760		88	10 10				2.0	+54.2		924.4		578	
18		2530		87	40 20				7.0	+96.2		966.4	⊙	578 + 770	965.5
19			✓	272	21 10				7.0				⊙		
20															

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALABAMA PAGE No. 10
 LINE No. (s) 025-77 PARTY No. 1123 DATE 22 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLEAR 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	Correction			Center Hair	INST.			
1											966.4				
2	S	2640		91 01 30			2.0		+48.5	1014.9		Δ	578+770		
3				269 00 20			2.0					Δ			
4		1650		93 32 20			21.0		-122.7		892.2		579		
5		0	/				5.0		-5.0		1009.9	+	579+1650		
6	N	110	/				3.8		-3.8		1011.1		580		
7		107	/				3.9		-3.9		1011.0	0	579+1157 = 025-07		
8			/				3.9					0			
9		113	/	PIPE SET BY DRIVIN			2.6		-2.6		1010.0		BARR SURVEY	1010.0	
10															
11											+1.0		MIS. SITE		
12															
13											1010.0		T.B.M. 025-07		
14	N	107	/				3.9		+3.9	1013.9		Δ	S.P. 579+1157		
15			/				3.9					Δ			
16	N	217	/				8.2		-8.2		1005.7	0	580+110		
17			/				8.2					0			
18	S	2860		83 19 20			8.0		-322.9	682.8		Δ			
19			/	276 42 00			8.0					Δ			
20		1210		85 54 45			2.0				765.0		581		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALABAMA PAGE No. 12
 LINE No.(s) 025-77 PARTY No. 1973 DATE 27 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. STELLER RODMAN A. GARCIA 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												515.8			TBM 025-06	
2	N	0	✓					5.0		+5.0	520.8				Δ = S.P. 387+1087	-L 025
3		0	✓					5.0							Δ = S.P. 126+245	-L 072
4			✓					5.0		-5.0		515.8		π	587+1237	
5	N	523	✓					7.6		-7.6		513.2			388	
6		2283		90 23 10				15.0		-19.9		490.9	0		589	490.8
7		✓		269 38 10				15.0					0			
8	S	2530	✓					6.0		+5.5	496.4			Δ		
9		✓	✓					5.0						Δ		
10		1100		91 01 50				15.0		-34.8		461.6			989+1430	
11		770		90 35 30				15.0		-23.0		473.4			590	
12		0	✓					5.0		-5.0		491.4	π		590+770	
13	N	990		90 19 30				15.0		-20.6		475.8			591	
14		1760		90 54 40				21.0		-49.0		447.4			591+770	
15		2750		90 27 00				15.0		-35.9		460.5	0		592	460.2
16		✓		269 34 40				15.0						0		
17	S	2090		93 02 10				15.0		+120.1	588.6			Δ		
18		✓		266 54 15				15.0						Δ		
19		330		95 20 20				15.0		-45.6		543.0			593	
20		0	✓					5.0		-5.0		583.6	π		593+330	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No.(s) 025-77 PARTY No. 1173 DATE 27 Day MAR Mo. 77 Yr. BOOK No.
 SURVEYOR T. STELLER RODMAN A. GARCIA WEATHER: CLM 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											588.6				
2	N	880		88 24 20				7.0		+17.7		606.3	0	593 + 1210	605.9
3		✓		271 37 20				7.0					0		
4	S	2310		89 38 20				2.0		-13.1	593.2		Δ		
5		✓		270 23 10				2.0					Δ		
6		1760	✓			T	5.0	+8.8		+3.8		597.0		594	
7		0	✓					5.0		-5.0		508.2	T	595	
8	N	1430		87 15 15				9.0		+59.8		65310	0	595 + 1430	652.4
9		✓		272 46 25				9.0					0		
10	S	1100	✓					7.8		+7.5	660.5		Δ		
11		✓						7.1					Δ		
12		770	✓					3.7		-3.7		656.8		596	
13		0	✓					5.0		-5.0		655.5	T	594 + 770	
14	N	990		92 28 20				15.0		-57.7		602.8		597	
15		1320		92 38 00				15.0		-75.6		584.9		597 + 220	
16		2750		90 48 10				15.0		-52.9		607.6	0	598	606.9
17		✓		269 13 20				15.0					0		
18	S	1870		93 34 00				15.0		+130.6	738.2		Δ		
19		✓		266 27 45				15.0					Δ		
20		110	✓					11.4		-11.4		726.8		599	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 14
 LINE No.(s) 025-77 PARTY No. 1173 DATE 27 Day MAR Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: CLEAR 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												738.2				
2	N	660	✓					11.4		-11.4		726.8	0	599+770	726.0	
3			✓					11.4					0			
4	S	2750		86 53 40				70		-142.2	584.6		Δ			
5		✓		273 07 30				70					Δ			
6		1760		87 04 50				3.0		+86.5		671.1		600		
7		0	✓					5.0		-5.0		579.6	π	601		
8	N	1689		88 41 40				2.0		+36.8		621.4	0	025-05		
9		✓		271 19 40				2.0					0	51.601+1689		
10												620.4		BARR SURVEY	620.4	
11																
12												+1.0		MISSILE		
13																
14												620.4		TBM 025-05		
15	S	2396		88 17 50				15.0		-56.7	563.7		Δ	51.601+1689	-L-025	
16		✓		271 43 40				15.0					Δ	S.P. 138+102	-L-071	
17		2325		88 15 30				15.0		+55.6		619.3		602		
18		565		88 38 30				2.0		+11.4		575.1		603		
19		0	✓					5.0		-5.0		558.7	π	603+565		
20	N	1195		92 11 40				15.0		-60.7		503.0		604		

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STADIA SURVEY NOTES

AREA N.R.R. - 4 STATE or PROVINCE ALASKA PAGE No. 15
 LINE No.(s) 025-77 PARTY No. 1123 DATE 27 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHANNON RODMAN A. GARCIA WEATHER: CLEAR P.T.S. No. _____

L I	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											563.7				
2	N	2955		91 30 20				150		-91.9		471.8	○	605	471.0
3		✓		268 31 20				150					○		
4	S	3630		90 16 10				150		+31.2	503.0		△		
5		✓		269 45 30				150					△		
6		1870		91 26 10				150		-61.9		441.1		606	
7		660		94 21 40				150		-65.0		438.0		606 + 1210	
8		110	✓	88 57 20				150		-13.1		489.9		607	
9		0	✓					50		-5.0		498.0	π	607 + 110	
10	N	1650		88 30 10				110		+32.5		535.5	○	608	533.9
11		✓		271 31 20				110					○		
12	S	3119		91 08 40				150		+76.8	612.3		△		
13		✓		268 52 30				150					△		
14		1359		91 13 00				210 ^{TR}		-49.8		562.5		609	
15		0	✓					50		-5.0		607.3	π	609 + 1359	
16		0	✓					50		-5.0		607.3	○	025.09	
17		0	✓					50					○	S.A. 609 + 1359	
18												605.2		BACK SIGHT	
19															605.2
20												+2.1		MIDDLE	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) 025-77 PARTY No. 1173 DATE 27 Day MON Mo. 77 Yr. BOOK No.
 SURVEYOR T. SAERRILL RODMAN A. GARCIA WEATHER: CLEAR P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. O.F.S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	
2		0	✓								+5.0	610.2	605.2				TBM 025-04
3		0	✓														Δ = S.P. 609 + 1359.
4		0	✓								-5.0		605.2				Δ
5	N	401	✓								-14.3		595.9				609 + 1359
6			✓														0
7	S	3850		89	00	00					-66.0	529.9					Δ
8		✓		271	01	30											Δ
9		2090	✓								-17.7		512.2				611
10		330	✓								-10.9		519.0				612
11		0	✓								-5.0		524.9				612 + 330
12	N	1430	✓								-5.7		524.2				613
13		3190	✓								-2.5		527.4				0
14		✓	✓														0
15	S	1430		91	32	30					+53.2	580.6					Δ
16		✓		268	28	40											Δ
17		0	✓								-5.0		575.6				614 + 1430
18	N	330	✓								-7.4		573.2				615
19		080		90	36	10					-24.1		556.5				0
20		✓		269	25	20											0

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 17
 LINE No.(s) 025-77 PARTY No. 1173 DATE 28 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA 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											556.5			
2	S	1210		86 54 10			7.0		-58.6	497.9		Δ	615 + 550	
3		✓		273 07 30			7.0					Δ		
4		0	✓				5.0		-5.0		497.9	π	616	
5	N	770		91 49 30			15.0		-29.5		458.4		616 + 770	
6		1760		89 33 00			3.0		+10.8		508.7		617	
7		2530		89 19 00			7.0		+23.8		521.7	⊙	617 + 770	
8		✓		270 42 40			7.0					⊙		
9	S	2750		88 39 50			3.0		-61.6	460.1		Δ		
10		✓		271 21 20			3.0					Δ		
11		1760		89 01 20			2.0		+28.0		488.1		618	
12		330	✓	91 12 00			15.0		-21.9		439.2		618 + 1430	
13	#	0	✓				5.0		-5.0		455.1	π	619	
14	N	1760		87 38 10			4.0		+68.8		528.9	⊙	620	
15		✓		272 12 50			4.0					⊙		
16	S	1440		90 21 00			15.0		+23.6	552.5		Δ		
17		✓		269 40 00			15.0					Δ		
18		0	✓				5.0		-5.0		547.5	π	620 + 1440	
19		0	✓				5.0		-5.0		547.5	⊙	025-03	
20		0	✓				5.0					⊙	= S.P. 620 + 1440	

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5480 BARR SURVEY

O.S. MARTIE

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) 025-77 PARTY No. 1173 DATE 28 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA 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												548.0		TBM 025-03 & 081-09	
2		0	✓							+5.0	553.0			Δ = S.P. 620 + 1440 - L-025	
3		0	✓											Δ = S.P. 3 + 1647 - L-081	
4		0	✓							-5.0		548.0	π	620 + 1440	
5	N	320	✓							-6.8		546.2		621	
6		2080	✓							-2.6		550.4		622	
7		3840	✓			T	12.3	+19.2		+7.6		560.6	0	623	560.9
8			✓			T	10.8	+19.2					0		
9	S	3520	✓			T	11.9	-17.6		-6.4	554.2		Δ		
10			✓			T	10.5	-17.2					Δ		
11		1760	✓			T	7.8	+8.8		+1.0		555.2		624	
12		0	✓						5.0	-5.0		549.2	π	625	
13	N	1760	✓			T	2.8	+8.8		+6.0		560.2		626	
14		1918	✓			T	2.8	+9.6		+7.3		561.5	0	025-02	562.7
15			✓			T	1.8	+9.6					0	= S.P. 626 + 158	
16												562.3		RARE SURVEY	
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 19
 LINE No.(s) 025-77 PARTY No. 1173 DATE 28 Day MAR Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERRILL RODMAN A. GARCIA 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												562.3				TBM 02502
2	S	3362		88 06 10				4.0		-107.9	484.4					Δ = S.P. 626 + 15B
3		✓		271 55 10				4.0								Δ
4		1760		88 37 50				2.0		+40.1		494.5			627	
5		0	✓					5.0		-5.0		449.4			628	
6	N	1650		91 06 30				15.0		-46.7		407.7			628A/1650	408.1
7		✓		268 54 30				15.0								0
8	S	3630		88 34 10				2.0		-89.1	318.6					Δ
9		✓		271 26 50				2.0								Δ
10		3520		88 36 00				2.0		+84.0		402.6			629	
11		1760		89 24 00				3.0		+15.4		334.0			630	
12		0	✓					5.0		-5.0		313.6			631	
13	N	1760	✓					8.1		-8.1		310.5			632	
14		3520	✓					10.6		-9.9		308.7			633	309.6
15		✓	✓					9.1								0
16	S	1760	✓				B	11.6	+8.8	+20.1	328.8					Δ
17		✓	✓				B	11.0	+8.8							Δ
18		0	✓					5.0		-5.0		323.8			634	
19	N	1760	✓				B	6.4	+8.8	-15.2		313.6			635	
20																

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ARIZONA PAGE No. 20
 LINE No.(s) 025-77 PARTY No. 1173 DATE 28 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHEWAN RODMAN A. GARCIA 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												328.8			
2	N	2750		90 02 10				15.0		-16.2		312.6	0	G35+990	313.9
3		✓		269 59 10				15.0					0		
4	S	1760		89 35 20				2.0		-10.9	301.7		Δ		
5		✓		270 25 50				2.0					Δ		
6		990	✓					4.8		-4.8		296.9		G36	
7		134	✓					4.2		-4.2		297.5	0	025-01	
8		✓	✓					4.2					0	S.P. G36 + 856	
9												298.9		BACK SURVEY	298.9
10															
11												-1.4		MISSTLE	
12															
13												298.9		TBM 025-01	
14	S	134	✓					4.2		+4.2	303.1		Δ	S.P. G36 + 856	
15		✓	✓					4.2					Δ		
16		0	✓					5.0		-5.0		298.1	π	G36 + 990	
17	N	220		100° 38' 20"				15.0		-54.9		248.2		G36 + 1210	
18		770		93 07 30				15.0		-56.9		246.2		T.S. 1	
19		2530		90 36 50				15.0		-42.1		261.0		T.S. 2	
20		4290		90 11 10				15.0		-28.9		274.2		T.S. 3	

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STADIA SURVEY NOTES

AREA N.P.C. - 4 STATE or PROVINCE ALASKA PAGE No. 21
 LINE No.(s) 025-77 PARTY No. 1173 DATE 28 Day MAR Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: CLEAR 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												303.1				
2	N	5720		89 54 10				3.0		+6.7		309.8	0	TS 3	+ 1430	
3	S	1100	✓					14.6		+14.6	324.4		Δ			
4		770		91 58 00				15.0		-41.4		283.0		TS 4		
5		0	✓					5.0		-5.0		319.4	π	TS 4	+ 770	
6	990	1420		90 37 20				4.0		-14.8		309.6		TS 5		
7	2750	2150		90 09 00				4.0		-11.2		313.2	0	TS 6		
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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