

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 75
 LINE No.(s) 72 PARTY No. 1184 DATE 18 Day 5 Mo. 75 Yr. BOOK No. 3
 SURVEYOR SPRAGUE RODMAN LUND WEATHER: SNOW - FOG 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																
2		TAKE OFF			SP 131											RE LINE 43 PAGE 4
3		RUN WEST			ON L. 72											
4																
5	N	518		883407					+3.0	-12.9	-10.0	346.5		Δ		
6		R		2712602					+3.0	-13.0				R		
7																
8		0							-7.8							SP 22 - L-72
9																INTERSECTION OF
10																LINE 72 & 43
11																
12		805		873222					-3.0		+31.8	378.3				SP 122 LINE 43
13																
14	W	655		892416					-5.0	+6.8	+1.9			0		N2 - 127
15		R		2703612					-5.0	+6.9				R		
16																
17		1985		832923					+5.0	-17.7	-12.7	365.1		Δ		
18		R		2703045					+5.0	-17.6				R		
19																
20		1320		895138					-4.0		-0.8	364.3				SP 21

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 31
 LINE No.(s) 72 PARTY No. 1104 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN 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														
2														
3	W	2640		88 50 17				-5.0	+53.5	+49.1	321.2	O	SP 2 (N2-501) ✓	
4		R		271 10 31				-5.0	+54.1			R		
5														
6		O						+6.0		+6.0	38.0	Δ		
7														
8		1320		90 17 58				0.0	-6.9	-6.9	338.4		SP 1 TOP OF PIPE	
9									GROUND ELE =		375.8		(PIPE 4.6 ABOVE GROUND)	
10													(N2-502)	
11	W	2475		262 40 55				-4.0	-8.0	-12.0	374.3	O	#4 END SPREAD	
12														
13	E	1320		89 10 00				+9.3	-19.2	-9.9	315.1	Δ		
14														
15		O						-6.0		-6.0	350.4	K	#8	
16														
17		660		93 50 00				73.1		-57.2	308.2		#10	
18	W	990		94 00 00				1.5	-69.1	-70.6	294.8	O	#11	
19														
20														

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 77
 LINE No.(s) 72 PARTY No. 1184 DATE 18 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN LUND WEATHER: SNOW 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.			
1															
2															
3	E	1320		90 48 32				+4.0	+16.3	+20.3	+0.3		Δ		
4		R		269 17.99				+4.0	+16.3				R		
5															
6		0						-6.1		-6.1			SP 15		
7															
8	W	1320		90 07 25				+4.0	-2.8	-6.8			○	SP 14	
9		R		269 53 04				-4.0	-2.7				R		
10															
11	E	585		89 48 23				+4.0	-2.0	+2.0			Δ		
12		R		270 11 55				+4.0	-2.1				R		
13															
14		0													
15															
16		735		93 16 50				+4.0		-71.0			350.7	SP 13	
17															
18	W	205.5		91 57 26				+4.0	-70.2	-74.2			352.0	○ SP 12	
19		R		268 02 45				+4.0	-70.1				R		
20															

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 78
 LINE No.(s) 72 PARTY No. 1184 DATE 18 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN LUND WEATHER: SNOW 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																
2																
3	E	214.5		9141.00					+4.0	+63.0	+66.9	314.4		Δ		
4		R		2812.12					+4.0	+63.9				R		
5																
6		825		9309.27					-4.0		-47.3			SP 11		
7																
8		0							5.8		-5.8			K		GROUND
9																
10		495		8910.55					-4.0		+3.1			SP 10		
11																
12	W	1320		8922.29					-6.0	+14.4	+8.5			○		SP 10
13		R		27057.53					-6.0	+14.5				R		
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR - A STATE or PROVINCE ALASKA PAGE No. 79
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: CLEAR - MILD. 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																
2																
3	E	2640		90 10 00				+4.0	+7.7	+11.75		414.5		Δ		
4		R		269 50 20				+4.0	+7.4					R		
5																
6		1815		90 10 00				-4.0		-9.3					SP 9	
7																
8		495		90 17 40				-4.0		-6.5					SP 8	
9																
10		0						-5.6		-5.6				X		GROUP
11																
12		825		90 06 13				-4.0		-5.5					SP 7	
13																
14	W	1650		90 01 33				-5.0	-0.7	-5.70				O		NZ-499
15		R		269 58 45				-5.0	-0.6					R		
16																
17																
18																
19																
20																

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AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 80
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: CLEAR - MILD 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															
2															
3		0													
4															
5	W	495		90 59 08					-4°	-8.5	-12.5	302.9	O	SP 6	
6		R		269 01 22					-4°	-8.4			R		
7															
8	E	2640		88 23 46					+4°	-73.9	-69.9	332.8	Δ		
9		R		271 36 16					+4°	-73.9			R		
10															
11		1320		89 40 10							+3.6	325.8		SP 5	
12															
13		0		88 23 39							-6.1	320.1		SP 4	
14															
15		650		89 01 03					0°	+11.1	+11.1	343.3		TOP OF PIPE N2-SP0	
16												GROUND ELE = 337.9		6.753 5XS (.5" ABOVE GROUND.)	
17															
18		1320		88 59 12					-4°		+19.3	351.5		SP 3	
19															
20															

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 76
 LINE No.(s) 72 PARTY No. 1184 DATE 18 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN LUND WEATHER: SNOW - FOG 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												235.1				
2																
3		0														
4																
5		1390		904917												SP 19
6																
7	W	2640		904612												SP 18
8	R			2691428												
9																
10	E	1745		910026												
11	R			2620004												
12																
13		425		963743												SP 17
14		0														
15																
16																
17	W	895		8750												SP 16
18	R			27210												
19																
20																

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AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 82
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN 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															
2															
3															
4															
5															
6															
7		0							+5.2	+5.2	350.8			GROUND	
8															
9	N	458		86° 07' 30"					-4.0		370.0			SP 28	5XS
10											377.4			FOUR TIE	
11	S	862		268° 48' 50"					-14.0	-31.8	311.0		0	SP 27	5XS
12											310.6			FOUR TIE	
13				91° 11' 10"											
14															
15															
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 83
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: CLEAR P.T.S. No. 1

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1												392.0				
2																
3												300.0				
4												424.5				
5	W	1248		91 13 02					+6.0	+26.5	+32.5	400.0		Δ		
6		R		268 47 22					+6.0	+26.4				R		
7																
8		0							-5.9	-5.9				⊥	N2-603.	
9																
10		72'		98 59 13					-4.0	-15.2					SP 23	
11																
12	E	1392		20 38 13					-4.0	-15.5	-19.4	400.0		⊙	SP 24	
13		R		269 22 23					-4.0	-15.2				R		
14				20 41 31												
15																
16	W	2640		89 22 37					+4.0	-28.7	-24.8	3806.36		Δ		
17		R		270 37 36					+4.0	-28.9				R		
18																
19		1320		89 43 11					-4.0	+2.5					SP 25	
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 84
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN 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												380.3				RETURN
2																
3		0													X	SP 26
4																
5		1320		88 49.21												SP 27
6																
7	E	1727		88 10.55												SP 27 + 407
8		R		271 48.80											R	
9																
10	W	2233		89 29.57												
11		R		270 30.08											R	
12																
13		1320		89 37.19												SP 28
14																
15		0													X	SP 29
16																
17	E	1320		90 26.57												
18		R		269 33.01												SP 30
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 85
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN 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													401.1			RE RUN
2																
3	W	132.0		88.1000					+13.2	-42.2	-29.1	372.00		Δ		
4		R		27.5000					+13.1	-42.2				R		
5																
6		0							6.0		-6.0			κ	SP 31	
7																
8		132.0		92.5900					-4.0		-72.7				SP 32	
9																
10	E	264.0		90.0058					-4.0	-0.7	-4.7	367.3		⊙	SP 33	
11		R		262.5902					-4.0	-0.7				R		
12																
13	W	132.0		92.2550					+4.0	+56.0	+59.9	427.2		Δ		
14		R		267.3434					+4.0	+55.8				R		
15																
16		0							-6.0		-6.0			κ	SP 34	
17																
18	E	132.0		89.4334					-4.0	+6.3	+2.3	429.5		⊙	SP 35	
19		R		270.1621					-4.0	+6.3				R		✓
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 86
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN 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												429.5				RERUN
2																
3	W	21.45		89 02 38				+6.0	-35.8	-29.9	399.0			Δ		
4		R		270 57 40				+6.0	-36.0					R		
5																
6		025		83 05 08				-4.0		+9.2					SP 36	
7																
8		0						-5.8		-5.8				X	GROUP.	
9																
10		495		91 22 33				-4.0		-15.9					SP 37	
11																
12	E	181.5		91 34 37				-4.0	-49.9	-53.9	399.0			Δ	SP 38	
13		R		268 25 34				-4.0	-49.9					R		
14																
15	W	181.5		92 07 51				+4.0	+67.5	+71.4	399.0			Δ		
16		R		267 52 30				+4.0	+67.5					R		
17																
18		495		91 59 52				-4.0		-21.3					SP 33	
19																
20		0						-5.7		-5.7				X	GROUP.	✓

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STADIA SURVEY NOTES

AREA APR. 4. STATE or PROVINCE AK. PAGE No. _____
 LINE No.(s) 72. PARTY No. _____ DATE 15. Day JUN. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LINDAN. RODMAN R. I. WEATHER: MILD, 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												345.9	224.9			
2		1215		91-50								473	321.8	Q	SP 30	L-72
3		✓		268-13-12								71.8 ✓	392.4	A		
4	W	475		269-00								71.3	406.5	CK		
5		0	-													
6	E.	825	-										404.8		40	
7		2145	-									12.5 ✓	374.0	Q	41	
8		✓		262-50								12.5	406.1	CK		
9		2640		92-00								105.3 ✓	499.2	A		
10		✓		267-50								105.1	499.2	CK		
11	W	1320		267-10								105.2			42	
12		0	-													
13	E	1320		89-10								6.5 ✓	492.7	Q	44	N2-504
14		✓		270-54								6.7	505.8	CK	REC	PROCAL. ELV.
15													13.1			
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 87
 LINE No.(s) 72 PARTY No. 1184 DATE 19 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN 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.			
1															
2															
3		825	✓							-11.7				SP 40	
4															
5	E	2145		9112 29					-4.0	-45.2	-49.2	394.0	○	SP 41	
6	R			2684733					-4.0	-45.2			○	SP 41	
7															
8	W	2640		9210 53					+4.0	+100.5	+104.5	448.0	△		
9	R			267 49 14					+4.0	+100.4			○		
10															
11		1320		93 00 00					-10.1	-69.1	-79.2			SP 42	
12															
13		0											X	SP 43	
14															
15	E	1330		8910 00					-12.2	+19.2	+7.0	505.8	○	SP 44 N2-504	
16	R			870 50 00					-12.2	+19.2			R	RECIPROCAL ELE.	
17															
18															
19															
20															

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AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 88
 LINE No.(s) 72 PARTY No. 1184 DATE 20 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: FOG P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1											516.6				
2															
3	W	765		89 55 10				+5.0	-1.1	+3.9	520.57		Δ	S.P. 44	
4		R		87 05 14				+5.0	-1.2	?			R		
5															
6		0						-6.3		-6.3				GROUND ELE.	
7														INTERSECTION 72 & 7XS.	
8														N2 - 505 - PIPE 5° ABOVE	
9	N	1150		90 40 00			HR.	-18.0	-13.4	-31.7	488.80			SP 25 7XS	
10											473.3			+ 4.4 TIE	
11	S	170	✓					-7.5		-7.5	481.3			SP 24 - 7XS	
12											478.0			+ 24.2 TIE	
13	E	555		90 32 37				-4.0		-9.3				SP 45 - 6.7E	
14															
15	E	1875		90 16 47				-4.0	-8.9	-12.9	507.60		○	SP 46	
16		R		269 43 42				-4.0	-8.9				R		
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 83
 LINE No.(s) 72 PARTY No. 1184 DATE 20 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: FOG P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													507.6			
2																
3	W	2640		89 30 00				+11.2	-23.0	-11.9		409.7		Δ		
4		R		270 00 00				+11.0	-23.0					R		
5																
6		1320		89 33 41				-4.0		+6.1			11.0		SP 47	
7																
8		0						-5.8		-5.8			12.1	π	SP 48	
9																
10	E	1320		91 00 00				-4.9	-23.0	-27.8		467.97		0	SP 49	
11		R		262 00 00				-4.7	-23.0					R		
12																
13	W	2145		88 41 58				+4.0	-48.7	-44.8		423.13		Δ		
14		R		271 18 17				+4.0	-48.8					R		
15																
16		825		90 03 00				-4.0		-4.7			113.6		SP 50	
17																
18		0						-5.7		-5.7				π		
19		495		92 52 04				-14.0		-38.8			373.5			
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 90
 LINE No.(s) 72 PARTY No. 118A DATE 20 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: FOG 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												423.7				
2																
3	E	1815		90 43 52				-4.0	-23.0	-27.1		396.0	O	SP	52	
4		R		269 15 52				-4.0	23.3				R			
5																
6	W	2640		92 00 00				+14.5	+92.1	+106.6		502.5		A		
7		R		260 00 00				+14.2	+92.1	+106.5				R		
8																
9		1320		92 00 00				-12.3		-66.0		315.7		SP	53	
10																
11		0						-5.5		-5.5		411.6	R	SD	54	
12																
13	E	825		89 04 31				-5.0	+13.3	+8.4		510.9	O	N2-	506	
14		R		270 56 08				-5.0	+13.5				R			
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 91
 LINE No.(s) 72 PARTY No. 1184 DATE 20 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: FOG 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.			
1											510.9				
2															
3	W	1320		8927.42				+6.0	-12.4	-6.4	804.57	Δ			
4		R		27032.11				+6.0	12.4			R			
5															
6		825		8920.45				-4.0		+5.4	437.1		SP 55		
7															
8		0						-5.7		-5.7		X			
9															
10		495		911300				-4.0		14.5	477.2		SP 56		
11															
12	E	1815		9100.15				-4.0	-31.8	-35.7	468.8	0	SP 57		
13		R		26960.15				-4.0	31.5			R			
14															
15	W	2640		8908.57				+4.0	-39.2	-35.2	433.6	Δ			
16		R		27051.10				+4.0	39.3			R			
17															
18		1320		8922.26				-4.0		+10.4	433.2		SP 58		
19															
20		0						-6.2		-6.2	416.6	X			

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 92
 LINE No.(s) 72 PARTY No. 1184 DATE 20 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: FGG - WINDY 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.	ROD			
1												433.6				
2																
3		1320		895030							-4.0	-0.4	412.4		SP 60	
4																
5	E	1815		894756							-4.0	+6.4	436.1	O	N2	
6		R		2701257							-4.0	+6.7		R		
7																
8	W	2640		890439							+6.0	-42.2	399.80	Δ		
9		R		2705508							+6.0	-42.3		R		
10																
11		1815		891903							-4.0	+17.6			SP 61	
12																
13		495		905319							-4.0	-11.7			SP 62	
14		0														
15																
16																
17	E	225		890754							-4.0	+8.0			SP 63	
18																
19	E	2145		884352							-4.0	+47.5	443.4	O	SP 64	
20		R		2711626							-4.0	+47.7		R		

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 93
 LINE No.(s) 72 PARTY No. 118A DATE 20 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: WINDY 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.	ROD			
1												443.4				
2																
3	W	2640		91 38.54				+4.0	+75.9	+79.9	+80.0	523.46		Δ		
4		R		268 20.59				+4.0	+76.0					R		
5																
6		1320		92 27.04				-4.0		-60.5		452.1			SP 65	
7																
8		0						-6.8		-6.8		522.8	X		SP 66	
9																
10		1320						-4.0							SP 67	
11																
12	E	1155		47 35.38				-14.0	+48.5	+34.4	+34.5	557.19		O	N2	
13		R		272 24.28				-14.0	+48.5					R		
14																
15	W	1485		89 44.03				+6.0	-6.9	-10.1	-11.0	556.8.1		Δ		
16		R		270 16.21				+6.0	-7.1					R		
17																
18		1320		89 43.12				-4.0	+6.5	+2.5		548.6			SP 67	
19																
20		0						-5.0				541.1	X		SP 68	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 24
 LINE No.(s) 72 PARTY No. 1184 DATE 20 Day 5 Mo. 12 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: WIND 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												556.7				
2																
3	E	975		90 40 11					-5.0	-11.4	-16.4	540.7				
4	R			268 19 38					-5.0	-11.4						INTERSECTION OF LINE 72 & 17X
5																
6																
7																
8		0							+5.7	+5.7	546.0					
9																SP 17X RE 4
10	N	270	✓						-11.9	-11.9						SP 325 17X (522)
11		1050		33 43 37					-4.0	+5.0	+1.0	536.9				326 17X (534)
12	S	2370 3690		39 27 41					-6.0	+34.7	+28.7	574.9				SP 328 17X (182)
13																563.5 RE 4-17X
14	E	345		32 13 43					-4.0	-13.4	-17.4	578.9				SP 69-72
15	R			267 46 38					-4.0	-13.4						R
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 95
 LINE No.(s) 72 PARTY No. 1184 DATE 20 Day 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR SPRAGUE RODMAN JENSEN WEATHER: WIND 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	Half Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3	W	2640		89 51 14					+4.0	-6.7	-2.9	515.1		Δ		
4		R		270 09 16					+4.0	-7.0				R		
5																
6		1320		92 26 42					-4.0	-6.3		454.8			SP 70	
7																
8		0		—					-5.6	-5.6		509.5		X	SP 71	
9																
10	E	1320		87 50 00					-6.0	+49.9	+44.0	558.7		O	SD 72	
11		R		272 10 00					-5.8	+49.9				R		
12																
13	W	825		91 18 01					+4.0	+18.7	+22.7	587.8		Δ		
14		R		268 42 17					+4.0	+18.6				R		
15																
16		0		—					-5.8	-5.8				X		GROUP
17																
18	E	495		35 08 89 34 57					-4.0	+3.6	-0.4	581.4		G	SP 73	
19		R		270 29 30					-4.0	+3.6				R		
20				25 05												

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 26
 LINE No.(s) 72 PARTY No. 1184 DATE 20 Day S Mo. 75 Yr. BOOK No. 5
 SURVEYOR D. DUGDAL RODMAN D. FUSSELL WEATHER: WINDY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16												581.4	⊙	SP	73	
17																
18	W	1815		89° 56' 19"					+4.0	-1.9	+1.8	583.2		Δ		
19				270° 04' 48"					+4.0	-2.5						
20	W	495	✓						+4.0	-4.0		579.2		SP	74	

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AREA NPR-4 STATE OH PROVINCE _____ PAGE No. 97
 LINE No. (s) 72 PARTY No. 127 DATE 5 Mo. 75 Yr. BOOK No. 5
 SURVEYOR D. Dusdal RODMAN D. Fincher WEATHER _____ 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															
2		825'													
3	E	425		9122.51				-4.0	-19.9	-23.7		559.5	⊙	SP 75	
4				268.3819				-4.0	-19.6						
5	W	1320		8810.13				+4.0	-42.1	-38.3		521.2	Δ		
6				27150.23					-42.4						
7		0													
8															
9	E	15		92.25				-4.0		-11.0				1	
10															
11	E	825 970		91.95				-4.0		-29.2		492.0		# 3 TAIL	
12															
13	E	1485		91.43-				-4.0		-48.5		472.7		# 5 TAIL	
14															
15	E	2110		91.49-				-4.0		-66.4		454.8		# 7 TAIL	
16															
17	E	1		91.40-				-4.0							TAIL
18															
19	E	2475		9057.19				-4.0		-46.6		474.6	⊙	# 8 TAIL	
20															

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