SURVEY NOTE CARDS 3 & 4 MISSING
N. Zihlman, 10/10/01

STADIA SURVEY NOTES

AREA Tri-station ~ Stan STATE Alaska PAGE No. 1

LINE No. 89X PARTY No. 1184 DATE 28 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN W.D.H. WEATHER P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER: Level	Inclined	Angle or Factor	ROD READING: Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS: INST.	ROD	▲ BS O FS - SS	Station	FINAL ELEVATIONS	REMARKS
					Take off T.P. 35 ~ Sp 972+110						L-R6					(	
					Elev. est. from line R-6								1875.8				
	E	627.16			89-52	-48		HI	4.9		+0.2					(TP-35(-96 Z TP-chicken)	
	"	"			270-06	-52		HT	6.0								
	W	627.16			90-07	-01		HI	6.0				1876.0			Elev. TP-chicken	
	"	"			269-52	-53		HT	4.9							(TP-chicken Z TP-35)	
	E	1669.40			90-43	-35		HI	6.0		-20.9					(TP-chicken Z Sp 794 ≈ Ln89X)	
	"	"			269-16	-20		HT	6.0				1855.1			Elev. TP-1(Sp-94)	
	W	1669.40			89-16	-17		HI	5.5							(Sp 794 Z TP chicken)	
	"	"			276-43	-38		HT	6.0								

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STADIA SURVEY NOTES

AREA Query Creek STATE Alaska PAGE No. 2

LINE No. 89X PARTY No. 1184 DATE 28 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN WDH WEATHER Foggy P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER Level	Inclined	Angle or Factor	ROD READING Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS INST.	ROD	▲ BS ⊙ FS − SS	Station	FINAL ELEVATIONS	REMARKS
							TAKE off Sp 794 Ln-89X						1855.1	O		(Sp794 - Ln 89X, is common with Sp 967 Ln R-6)	
							Recip & elev. est for this point.										
		~0~							5.5		+5.5	1860.6		▲			
	S	2640			88-38	-98			12.5		+49.9		1910.5	−	800		
	"	2200			88-34	-57			8.0		+46.4		1907.0	−	799		
	"	1760			88-44	-35			8.0		+30.6		1891.2	−	798		
	"	1320			88-40	-24			14.0		+16.6		1877.2	−	797		
	"	880			88-39	-08			8.0		+12.7		1873.3	−	796		
	"	440			88-29	-46			4.0		+7.5		1868.1	−	795		
		~0~													794	π	
	N	440			91-16	-51			4.0		-13.8		1846.8	−	793		
	"	880			90-56	-57			4.0		-18.6		1842.0	−	792		
	"	1320			90-46	-56			4.0		-22.0		1838.6	−	791		
	"	1760			90-34	-04			8.0		-23.4		1837.2	−	790		
	"	2200			90-32	-25			8.0		-28.7		1831.9	−	789		
	"	2640			90-29	-06			8.0		-30.3		1830.3	−	788		
	"	3080			90-24	-38			8.0		-30.1		1830.5	−	787		
	"	3520			90-18	-50			8.0		-24.2		1836.4	−	786		

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TI-588D

STADIA SURVEY NOTES

AREA Tri-station Stan STATE Alaska PAGE No. 5

LINE No. 89X PARTY No. 1184 DATE 28 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN WD.H. WEATHER Clear P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER: Level	Inclined	Angle or Factor	ROD READING: Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS: INST.	ROD	▲ BS ⊙ FS – SS	Station	FINAL ELEVATIONS	REMARKS
							Moved up to Sp 766: Recip & Elev. est. for this point						1803.7	✓ 0			
		0							6.0		+6.0	1809.7		▲			
	N	440			92-32-36				4.0		-23.5		1786.2	–	765		
	"	880			92-27-37				12.5		-50.3		1759.4	–	764		
	"	1320			92-14-47				8.0		-59.7		1750.0	–	763		
	"	1760			91-40-40				4.0		-55.5		1754.2	–	762		
	"	2200			89-41-25				4.0		+7.9		1817.6	–	761		
	"	2640			88-43-33				4.0		+54.7		1864.4	–	760		
	N	2970			88-30-10			Hi.	6.0		+78.4					(Sp 766 ≈ Sp 759+110')	
	"	"			271-29-17			Ht.	5.6				1882.1	✓		Elev. Sp 759+110'	
	S	2970			91-33-31			Hi.	5.6							(Sp 759+110' ≈ Sp 766)	
	"	"			268-26-42			Ht.	4.0								
					Moved up to Sp 935+220' Due to terrain: Sp. elev. computed from this point.											Cont. Pg 6	

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STADIA SURVEY NOTES

AREA Tri-station ~ 'Stan' STATE Alaska PAGE No. 6

LINE No. 89X PARTY No. 1184 DATE 28 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN W.D.H. WEATHER Wierd P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER Level	Inclined	Angle or Factor	ROD READING Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS INST.	ROD	▲ BS 0 FS ~ SS	Station	FINAL ELEVATIONS	REMARKS
	N	10450			90-12	-15		HI	5.6		-34.1					(Sp 759 + 110' = Sp 735 + 220')	
	"	"			269-47	-54		HT	4.0				1848.1			Elev. Sp 735 + 220'	,
	S	10450			89-49	-07		HI	6.5							(Sp 735 + 220' = Sp. 759 + 110')	
	"	"			270-10	-18		HT	6.0								,
																	,
								TAKE	OFF	Sp 735	+ 220'		1848.1	0			,
																	,
								HI	6.5		+6.5	1854.6		▲			,
	S	10340			89-49-07				8.0		+24.7		1879.3	–	759		,
	"	9900			89-59-20				8.0		-6.1		1848.5	–	758		,
	"	9460			90-16-58				8.0		-54.7		1799.9	–	757		,
	"	9020			90-31-25				8.0		-90.4		1764.2	–	756		,
	"	8580			90-38-45				8.0		-104.7		1749.9	–	755		,
	"	8140			90-38-23				23.0		-115.9		1738.7	–	754		,
	"	7700			90-39-05				28.0		-115.5		1739.1	–	753		,
	"	7260												–	752		,
	"	6820				Refer to pg. 8 for these elev. Unable to								–	751		,
	"	6380				Obtain from TP-3 (Sp 735 + 220')								–	750		,
	"	5940												–	749		,
	"	5500			90-39-01				12.5		-74.9		1779.7	–	748		)

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TI-588D

STADIA SURVEY NOTES

AREA Tri-Station ~ 'Stan' STATE Alaska PAGE No. 7

LINE No. 89X PARTY No. 1184 DATE 28 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN W.D.H. WEATHER Clear P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER Level	Inclined	Angle or Factor	ROD READING Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS INST.	ROD	▲ BS ⊙ FS – SS	Station	FINAL ELEVATIONS	REMARKS
												1854.6				(,)	
	"	5060			90-38	-22			15.0		-71.5		1783.1	–	747	,	
	S	4620			90-39	-02			12.5		-65.0		1789.6	–	746	,	
	"	4180			90-37	-39			14.0		-59.8		1794.8	–	745	,	
	"	3740			90-38	-56			12.5		-54.9		1799.7	–	744	,	
	"	3300			90-35	-37			12.5		-46.7		1807.9	–	743	,	
	"	2860			90-34	-40			12.5		-41.3		1813.3	–	742	,	
	"	2420			90-37	-00			8.0		-34.0		1820.6	–	741	,	
	"	1980			90-33	-10			8.0		-27.1		1827.5	–	740	,	
	"	1540			90-26	-37			8.0		-19.9		1834.7	–	739	,	
	"	1100			90-32	-41			4.0		-14.5		1840.1	–	738	,	
	"	660			90-30	-26			4.0		-9.8		1844.8	–	737	,	
	"	220			90-19	-05			4.0		-5.2		1849.4	–	736	,	
		-0-													735 + 220 T	,	
	N	220			91-04	-52			4.0		-8.2		1846.4	–	735	,	
	"	660			91-03	-56			4.0		-16.3		1838.3	–	734	,	
	"	1100			90-55	-30			4.0		-21.8		1832.8	–	733	,	
	"	1540			91-01	-06			4.0		-31.4		1823.2	–	732	,	
	"	1980			90-59	-02			4.0		-38.0		1816.6	–	731	,	
	"	2420			~~90-56~~	~~10~~	90-51	-10	4.0		-40.0		1814.6	–	730	,	(continued on page 9)

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TI-588D

STADIA SURVEY NOTES

AREA Tri-station ~ Stan STATE Alaska PAGE No. 8

LINE No. 99X PARTY No. 1184 DATE 28 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jenson ROD MAN W.D.H. WEATHER P.Cloudy P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER: Level	Inclined	Angle or Factor	ROD READING: Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS: INST.	ROD	▲ BS ⊙ FS – SS	Station	FINAL ELEVATIONS	REMARKS
					•	TAKE OFF TP 2 – Recip. & elev est.				Sp 959 + 110'			1882.1	0			
									5.9		+5.9	1888.0		Δ	95		
	N	3190			91-30	-32			8.0		-92.0		1796.0	–	752		
	"	3630			91-50	-20			8.0		-124.5		1763.5	–	751		
	"	4070			91-58	-36			23.0		-163.4		1724.6	–	750		
	"	4510			92-07	-49			28.0		-195.6		1692.4	–	749		

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TI-588D

STADIA SURVEY NOTES

AREA Tri-station ~ 'Stan' STATE Alaska PAGE No. 9

LINE No. 89X PARTY No. 1184 DATE 29 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN W.D.H. WEATHER Snow P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER Level	Inclined	Angle or Factor	ROD READING Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS INST.	ROD	♣ BS ⊙ FS – SS	Station	FINAL ELEVATIONS	REMARKS
												1854.6				(, ,)	
	N	2860			90-51	-53			8.0		-51.2		1803.4	–	729		
	"	3300			90-40	-04			8.0		-46.5		1808.1	–	728		
	"	3740			90-46	-02			4.0		-54.1		1800.5	–	727		
	"	4180			89-37	-53			4.0		+22.9		1877.5	–	726		
	"	4620			89-15	-15			8.0		+52.1		1906.7	–	725		
	"	5060			89-16	-19			12.5		+51.8		1906.4	–	724		
	"	5500			89-10	-53			8.0		+70.6		1925.2	–	723		
	"	5940			88-58	-22			8.0		+98.5		1953.1	–	722		
	"	6380			88-42	-19			8.0		+136.2		1990.8	–	721		
	"	6820			88-29	-19			8.0		+171.9		2026.5	–	720		
	"													–			
	N	7183.25			88-18	-03		HI	6.5		+213.4					(Sp 735+220 Z Sp 719+50')	
	"	"			271-41	-25		HT	6.0				2061.5			Elev. Sp. 719+50'	
	S	7183.25			91-43	12		HI	5.9							(Sp 719+50' Z Sp 735+220')	
	"	"			268-16	-42		HT	4.0								

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TI-588D

STADIA SURVEY NOTES

AREA Tri-station 'Stan' STATE Alaska PAGE No. 10

LINE No. 89X PARTY No. 1184 DATE 29 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN W.D.H WEATHER Cloudy P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER Level	Inclined	Angle or Factor	ROD READING Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS INST.	ROD	▲ BS O FS – SS	Station	FINAL ELEVATIONS	REMARKS
							Moved up to Sp 719+50: Recip & Elev. est. for this point						2061.5	O			
										5.9	+5.9	2067.4		▲			
	N	50			102-47-00					4.0	-15.0	[illegible]	2052.4	–	719		
	"	490			90-18-23					4.0	-6.6	[illegible]	2060.8	–	718		
	N	600			90-14-07				HI	5.0		-3.1				(Sp 719+50' ≈ Sp 717+330')	
	"	"			269-45-36				HT	6.0			2058.4				
	S	600			89-53-00				HI	5.6						(Sp 717+330 ≈ Sp. 719+50')	
	"	"			270-06-50				HT	4.0							
							Recip & elev. est. for Sp 717+330'? Moved up to Sp 705+372'. Recip & Elev. est. here also.									Sp 705+372' ≈ Sp 635 Ln 89	

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STADIA SURVEY NOTES

AREA Tri-station ~ 'Stan' STATE Alaska PAGE No. 11

LINE No. 89X PARTY No. 1184 DATE 29 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN WDH WEATHER Weird — Fog, sun, snow P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER Level	Inclined	Angle or Factor	ROD READING Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS INST.	ROD	▲ BS 0 FS – SS	Station	FINAL ELEVATIONS	REMARKS
																(	
	N	5228.00			93-31	-12		HI	5.9		-318.6					(Sp 717+330 Z — Sp 705+372')	
	"	"			266-28	-42		HT	3.9								
	S	5228.00			86-30	-15		HI	5.9							(Sp 705+372' Z — Sp 717+330')	
	"	"			273-29	-05		HT	6.0				1739.8			ELEV. Sp 705+372'	
													1738.0			TRUE ELEV. Sp 635 Ln 89	} Common
													+1.8		VERT. MISTIE		
							TAKE OFF	Sp 705+372'					1738.0	0			
								HI	5.9		+5.9	1743.9		▲			
	S	4898.0			86-35	-50			8.0		+282.7		2026.6	–	717		
	"	4458.0			86-39	-24			12.5		+247.5		1991.4	–	716		
		4018			86-37	-02			8.0		+229.1		1973.0	–	715		
		3578			86-56	-52			4.0		+186.5		1930.4	–	714		
		3138			87-15	+01			4.0		+146.5		1890.4	–	713		
		2698			87-32	-16			4.0		+111.9		1855.8	–	712		
		2258			87-46	-40			4.0		+83.6		1827.5	–	711		
		1818			87-58	-00			4.0		+60.5		1804.4	–	710		)

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TI-588D

STADIA SURVEY NOTES

AREA Tri-station 'Stan' STATE Alaska PAGE No. 12

LINE No. 89X PARTY No. 1184 DATE 29 Day 4 Mo. 78 Yr. BOOK No.

SURVEYOR D. Jensen RODMAN W.D.H. WEATHER Cloudy P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER Level	Inclined	Angle or Factor	ROD READING Hair Read	Reading	Correction	Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS INST.	ROD	▲ BS O FS - SS	Station	FINAL ELEVATIONS	REMARKS
												1743.9				(,)	
																,	
	S	1378			88-09	-55			4.0		+90.1		1784.0	—	709	,	
	"	938			88-17	-03			4.0		+24.1		1768.0	—	708	,	
	"	498			89-07	-12			4.0		+3.6		1747.5	—	707	,	
	"	58			89-58	-05			4.0		-4.0		1739.9	—	706	,	
		~0~													705 + 372' π Sp 63.5 Ln 89	,	
	N	372			91-34	-50			8.0		-18.3		1725.6	—	705	,	
	"	812			92-19	-00			8.0		-40.8		1703.1	—	704	,	
	"	1252			92-17	-02			8.0		-59.9		1686.0	—	703	,	
	"	1692			92-09	-59			8.0		-72.0		1671.9	—	702	,	
	"	2132			92-01	-56			8.0		-83.6		1660.3	—	701	,	
	"	2572			91-58	-11			6.0		-94.4		1649.5	—	700	End of line 89X	
																,	
																,	
																,	
																,	
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