

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 32
 LINE No.(s) 17X PARTY No. 182 DATE 12 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONOHON RODMAN 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. | | |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | N | 945 | | 912356 | | | | | +23.0 | 132.5 | | | | |
| 7 | | | | R268 36 20 | | | | | | | | | | |
| 8 | | 0 | | - | | | | | | | | | | |
| 9 | S | 375 | | 90 58 32 | | | | | -10.4 | | 127.3 | | | |
| 10 | S | 1695 | | 90 51 18 | | | | | -29.3 | | 122.1 | | | |
| 11 | S | 3015 | | 90 26 12 | | | | | -27.0 | | 103.2 | | | |
| 12 | | | | R269 33 40 | | | | | | | 105.5 | | | |
| 13 | N | 2133 | | 90 47 03 | | | | | +33.1 | 138.6 | | | | |
| 14 | | | | R269 13 09 | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | 0 | | - | | | | | | | 105.5 | | | |
| 17 | S | 507 | | 70 37 16 | | | | | -9.5 | | 133.1 | | | |
| 18 | S | 1827 | | 90 41 55 | | | | | -26.3 | | 129.1 | | | |
| 19 | S | 3147 | | 90 22 53 | | | | | -25.0 | | 112.3 | | | |
| 20 | | | | R269 37 00 | | | | | | | 113.6 | | | |

TI-588B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

Back from Page 3

STARTING LINE 17X
 FROM NORTH END AT SP 148A
 BROUGHT FROM OLIVE
 (109.5) 0 Top of Pipe
 $\frac{-3.0}{106.5} = \text{Ground}$
 TSPREAD GROUP
 SP 148A TOP PIPE
 SP 149
 SP 150
 SP 151
 SP 152 SAME ELEV AS 151
 SP 152+813
 SP 153
 SP 154
 SP 155

STADIA SURVEY NOTES

AREA UPR-4 STATE or PROVINCE AK PAGE No. 35
 LINE No.(s) 17X PARTY No. 182 DATE 13 Day 14 Mo. 7 Yr. BOOK No. 4
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | N | 3706.6 | D | 89 46 57 | | | | | | -8.9 | 118.9 | 127.8 | 0 | | N4-156 @ SP 2170+2534 | |
| 4 | | | R | 270 12 48 | | | | | | | | | | | | |
| 5 | N | 2640 | | 89 48 05 | | | | | | +5.2 | | 124.1 | - | | SP 171 | |
| 6 | N | 1320 | | 89 49 26 | | | | | | +0.1 | | 119.0 | - | | SP 172 | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | 0 | | - | | | | | | | | 113.7 | K | | SP 173 | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | S | 1320 | | 90 02 22 | | | | | | -4.9 | | 114.0 | - | | SP 174 | |
| 11 | S | 2640 | | 90 01 05 | | | | | | -4.8 | | 114.1 | | | SP 175 | |
| 12 | S | 3960 | D | 90 00 40 | | | | | | -5.0 | | 113.9 | 0 | | SP 176 | |
| 13 | | | R | 269 69 01 | | | | | | | | | | | | |
| 14 | N | 825 | R | 270 42 27 | | | | | | +15.7 | 129.7 | | | | | |
| | 0 | | | | | | | | | | | | | | | |
| | 495 | 90 45 21 | | | | | | | | | | 124.4 | - | | SP 176+825 | |
| | 1815 | D 89 49 32 | | | | | | | | | | 119.1 | - | | SP 177 | |
| | | R 270 15 00 | | | | | | | | | | 133.6 | 0 | | SP 178 | |
| | | | | | | | | | | | | | | | | |

STADIA SURVEY NOTES

AREA APR-4 STATE or PROVINCE AK PAGE No. 34
 LINE No.(s) 17X PARTY No. 182 DATE 12 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONOHAN RODMAN _____ WEATHER: _____ P.T.S. No. _____

| LINE | Bearing of Sight | Stadia Distance | BEAMAN OR VERNIER | | | ROD READING | | | Center Hair | Angular Elev. Diff. | Final Elev. Diff. | ELEVATIONS | | AB.S. OP.S. -S.S. | Station | REMARKS |
|------|------------------|-----------------|-------------------|-----------|-----------------|-------------|---------|-------------|-------------|---------------------|-------------------|------------|-------|-------------------|-----------------------|---------|
| | | | Level | Inclined | Angle or Factor | Hair Read | Reading | Correc-tion | | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | |
| 4 | N | 825 | | 91 04 50 | | | | 4.0 | | +19.6 | 126.3 | | 106.7 | | SP 162 | |
| 5 | | | | 268 55 10 | | | | | | | | | | | | |
| 6 | S | 825 | | 70 36 22 | | | | 5.3 | | | | | 121.0 | | SP 162 + 825 | |
| 7 | S | 1815 | | 80 17 17 | | | | 4.0 | | -9.2 | | | 113.2 | | SP 162 | |
| 8 | S | 2579 | | 90 09 54 | | | | 4.4 | | -18.7 | | | 116.0 | | SP 162 | |
| 9 | | | | 269 50 30 | | | | 4.4 | | -70.3 | | | | | N4-155 @ 164+262 | |
| 10 | N | 3698 | | 89 59 21 | | | | 4.4 | | | | | | | | |
| 11 | | | | 270 00 50 | | | | 4.4 | | | | | | | | |
| 12 | N | 2640 | | 90 06 14 | | | | 4.0 | | +3.6 | 119.6 | | | | | |
| 13 | N | 1320 | | 90 34 34 | | | | 4.0 | | -8.8 | | | 110.8 | | 165 | |
| 14 | | 0 | | - | | | | 4.0 | | -17.3 | | | 102.3 | | 166 | |
| 15 | S | 1320 | | 89 55 25 | | | | 4.0 | 5.3 | | | | 114.3 | | 167 | |
| 16 | S | 2640 | | 89 52 50 | 2.2 | | | 4.0 | | -2.2 | | | 117.4 | | 168 | |
| 17 | S | 3960 | | 89 48 50 | | | | 4.0 | | +2.0 | | | 121.6 | | 169 | |
| 18 | S | 42134 | | 89 49 14 | | | | 5.0 | | +8.9 | | | 128.5 | | 170 | |
| 19 | | | | 270 10 51 | | | | 5.0 | | -28.6 | | | 127.8 | | N4-156 @ SP 170+253.4 | |
| 20 | | | | 270 | | | | | | +8.2 | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 33
 LINE No.(s) 17X PARTY No. 182 DATE 12 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MUNOZON RODMAN WEATHER: P.T.S. No.

| LINE | Bearing of Sight | Stadio 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 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | N | 495 | D | 92 01 22 | | | | | | | | | 113.6 | | SP156 | |
| 4 | N | | R | 267 50 38 | | | | | | +21.5 | 135.1 | | | Δ | | |
| 5 | | 0 | | - | | | | | | | | | | CK | | |
| 6 | S | | | | | | | | | | | | 130.1 | - | SP155+495 | |
| 7 | S | 825 | | 90 07 09 | | | | | | -3.7 | | | 129.4 | - | SP156 | |
| 8 | S | 1650 | D | 89 41 01 | | | | | | +4.9 | | | 140.0 | 0 | N4-154 @ SP156+825 | |
| 9 | | | R | 270 10 47 | | | | | | | | | | CK | | |
| 10 | N | 3135 | D | 89 39 36 | | | | | | | | | | Δ | | |
| 11 | | | R | 270 20 23 | | | | | | | | | | CK | | |
| 12 | N | 2640 | | 89 47 51 | | | | | | +5.3 | | | 130.9 | - | SP157 | |
| 13 | N | 1320 | | 89 52 24 | | | | | | -1.1 | | | 124.5 | - | SP158 | |
| 14 | | 0 | | - | | | | | | | | | 120.6 | - | SP159 | |
| 15 | S | 1320 | | 90 33 05 | | | | | | -16.7 | | | 108.9 | - | SP160 | |
| 16 | S | 2640 | | 90 15 31 | | | | | | -15.9 | | | 109.7 | - | SP161 | |
| 17 | S | 3960 | D | 90 13 00 | | | | | | | | | | 0 | SP162 | |
| 18 | | | R | 269 47 07 | | | | | | -18.9 | | | 106.7 | 0 | SP162 | |
| 19 | | | | | | | | | | | | | | CK | | |
| 20 | | | | | | | | | | | | | | | | |

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 36
 LINE No.(s) 17X PARTY No. 182 DATE 13 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR _____ RODMAN _____ WEATHER: _____ 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. | | | |
| 1 | | | | | | | | | | | 133.6 | D | | | |
| 2 | | | | | | | | | | | | | SP178 | | |
| 3 | N | 5280 | D | 90 16 04 | | | | 4.0 | +29.0 | 162.6 | | D | | | |
| 4 | | | R | 269 43 34 | | | | 4.0 | | | | CK | | | |
| 5 | N | 3960 | | 90 22 50 | | | | 4.0 | -30.3 | | 132.3 | | SP179 | | |
| 6 | N | 2640 | | 90 30 36 | | | | 4.0 | -27.5 | | 135.1 | | SP180 | | |
| 7 | N | 1320 | | 90 41 46 | | | | 4.0 | -26.0 | | 142.6 | | SP181 | | |
| 8 | | 0 | | - | | | | 5.2 | | | 157.4 | | SP182 | | |
| 9 | S | 691 | D | 89 41 07 | | | | 4.1 | +0.4 | | 162.2 | O | N4-157 @ SP182+691 | | |
| 10 | | | R | 270 18 06 | | | | 4.1 | | | | | CK | | |
| 11 | N | 5909 | D | 89 52 00 | | | | 4.1 | +9.5 | 152.7 | | | A | | |
| 12 | | | R | 270 07 47 | | | | 4.1 | | | | | CK | | |
| 13 | N | 5280 | | 89 52 46 | | | | 4.0 | +7.1 | | 159.8 | | SP183 | | |
| 14 | N | 3960 | | 89 57 58 | | | | 4.0 | -1.7 | | 151.0 | | SP184 | | |
| 15 | N | 2640 | | 90 10 43 | | | | 4.0 | -12.2 | | 140.5 | | SP185 | | |
| 16 | N | 1320 | | 90 57 14 | | | | 4.0 | -23.7 | | 129.0 | | SP186 | | |
| 17 | | 0 | | - | | | | 5.2 | | | 147.5 | | SP187 | | |
| 18 | S | 1320 | D | 89 51 37 | | | | 4.0 | +0.9 | | 157.8 | O | SP188 | | |
| 19 | | | R | 270 07 57 | | | | 4.0 | | | | | CK | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 37
 LINE No.(s) 17X PARTY No. 182 DATE 13 Day 4 Mo. 7 Yr. 6 BOOK No. 4
 SURVEYOR M. O. N. HUN RODMAN _____ WEATHER: _____ 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. | | | |
| 1 | | | | | | | | | | | 157.8 | | | | |
| 2 | | | | | | | | | | | | | SP188 | | |
| 3 | N | 2145 | | 90 11 10 | | | | | +14.5 | 166.3 | | Δ | | EXTENDED LATH | |
| 4 | | | | R 269 48 32 | | | | | | | | CK | | | |
| 5 | N | 825 | | 90 20 25 | | | | | -8.9 | | 157.4 | | SP189 | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | 0 | | - | | | | | | | 161.1 | | SP189+825 | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | S | 495 | | 91 16 58 | | | | | -75.1 | | 151.2 | | SP190 | | |
| 10 | S | 1815 | | 90 27 48 | | | | | -18.7 | | 147.6 | | SP191 | | |
| 11 | S | 3135 | | 89 54 09 | | | | | +1.4 | | 167.7 | | SP192 | | |
| 12 | S | 4455 | | 89 48 02 | | | | | +11.5 | | 177.8 | | SP193 | | |
| 13 | S | 4803 | | D 89 45 10 | | TARGET ON PIPE | | | +17.0 | | 183.3 | | SP193+348 N4-308 | LEB | |
| 14 | | | | R 270 13 46 | | | | | | | | | CK | X-LINE 58, LINE 17X | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

INT 50/17
 180.8
 (A.S.)

TI-5888

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 38
 LINE No.(s) 17X PARTY No. 182 DATE 13 Day 9 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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. | | | |
| 1 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | 183.3 | Δ | N4-158@SP193+348 | | |
| 4 | | | | | | | | | | 183.7 | | Δ | | | |
| 5 | | 0 | | | | | | | | -0.4 | 183.3 | | N4-158@SP193+348 L17X | | |
| 6 | | | | | | | | | | | | | SP130+782 L58 | | |
| 7 | S | | | | | | | | | | | | SP194 | 180.8 | |
| 8 | E | 782 | | 89 20 00 | | | | | | +5.1 | 188.8 | | SP130 LINESB | P.S. | |
| 9 | W | 538 | | 90 48 31 | | | | | | -11.6 | 172.1 | | SP131 LINESB | | |
| 10 | S | 972 | Δ | 89 53 24 | | | | | | -2.2 | 181.5 | 0 | SP194 | | |
| 11 | | | R | 270 06 12 | | | | | | | | | CK | | |
| 12 | N | 1320 | 0 | 90 02 38 | | | | | | +5.1 | 186.6 | | Δ | | |
| 13 | | | R | 269 57 05 | | | | | | | | | CK | | |
| 14 | | | | 90 25 20 | | | | | | | | | | SP10 | |
| 15 | | 0 | | - | | | | | | | 181.3 | | SP195 | | |
| 16 | | 1320 | | 90 25 20 | | | | | | -13.7 | 162.9 | | SP196 | | |
| 17 | | 3960 | | 89 02 39 | | | | | | -7.3 | 179.3 | 0 | SP198 (197 IS -40' FROM 198) | | |
| 18 | | | | 2269 56 52 | | | | | | | | | CK | | |
| 19 | | | | SP 197 = -40' FROM SP 198 | | | | | | Assumed | 139.0 | | SP-197 | | |
| 20 | | | | | | | | | | | | | | | |

TI-5888

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 39
 LINE No.(s) 17x PARTY No. 182 DATE 13 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONOHON RODMAN _____ WEATHER: WARM P.T.S. No. _____

| LINE | Bearing of Sight | Stadio 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 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | 179.3 | | SP198 | | |
| 4 | N | 2640 | | 90 20 32 | | | | 4.0 | +20.0 | 199.3 | | Δ | | | |
| 5 | | | | 2269 38 50 | | | | 4.0 | | | | CK | | | |
| 6 | N | 1320 | | 90 21 10 | | | | 4.0 | -12.1 | | 187.2 | | SP199 | | |
| 7 | | 0 | | - | | | | 5.7 | | | 193.6 | | SP200=N4-159 | | |
| 8 | S | 1320 | | 89 39 03 | | | | 4.0 | +4.0 | * | 203.3 | | SP201=ELEVATION WITH SP202 | | |
| 9 | S | 1815 3465 | | 89 38 35 | | | | 4.5 | +17.0 | (214.8) | 216.3 | ○ | N4-160@SP202+82.5 | | |
| 10 | | | | 8270 21 13 | | | | 4.5 | | | | | CK | TIC + 1.5 | |
| 11 | N | 1815 | | 89 37 22 | | | | 4.5 | -7.4 | 208.9 | | | Δ | | |
| 12 | | | | 8270 22 16 | | | | 4.5 | | | | | CK | | |
| 13 | N | 1320 | | 89 50 46 | | | | 4.0 | -0.4 | | 208.5 | | SP203 | | |
| 14 | | 0 | | - | | | | 5.3 | | | 203.6 | | SP204 | | |
| 15 | S | 1320 | | 91 39 00 | | | | 4.0 | -42.0 | | 166.5 | | SP205 | | |
| 16 | S | 2640 | | 90 39 03 | | | | 4.0 | -34.0 | | 174.9 | | SP206 | | |
| 17 | S | 3960 | | 89 53 43 | | | | 4.0 | +2.9 | | 211.8 | ○ | SP207 | | |
| 18 | | | | 8270 06 37 | | | | 4.0 | | | | | CK | | |
| 19 | * This Elev. (214.8) Brought to line from Stn. MARIA by Reciprocal | | | | | | | | | | | | | | |
| 20 | Angles. Adj. | | | | | | | | | | | | | | |

TI-588B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 40
 LINE No.(s) 17X PARTY No. 182 DATE 14 Day 4 Mo. 76 Yr. BOOK No. 4
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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 | | | | | | | | | | | | | 211.8 | | | |
| 2 | | | | | | | | | | | | | | | SP207 | |
| 3 | N | 495 | D 91 45 11 | | | | | 4.0 | | +19.2 | 231.0 | | | Δ | | |
| 4 | | | R 268 14 34 | | | | | 4.0 | | | | | | CK | | |
| 5 | | 0 | - | | | | | 5.2 | | | | | 225.8 | | SP207+495 | |
| 6 | S | 825 | 89 59 34 | | | | | 4.0 | | -3.9 | 227.1 | | | | 208 | |
| 7 | S | 1155 | 89 42 29 | | | | | 3.8 | | +1.9 | 232.9 | | | ○ | NA-161@SP 208+330 | |
| 8 | | | R 270 16 34 | | | | | 3.8 | | | | | | CK | | |
| 9 | N | 4465 | D 90 05 40 | | | | | 3.8 | | +11.1 | 244.6 | | | Δ | | |
| 10 | | | R 261 54 25 | | | | | 3.8 | | | | | | CK | | |
| 11 | N | 3465 | 90 18 58 | | | | | 4.0 | | -23.1 | 221.5 | | | | SP209 | |
| 12 | N | 2145 | 90 09 58 | | | | | 4.0 | | -10.1 | 234.5 | | | | SP210 | |
| 13 | N | 825 | 90 39 41 | | | | | 4.0 | | -13.5 | 231.1 | | | | SP211 | |
| 14 | | 0 | - | | | | | 5.3 | | | | | | | SP 211+825 | |
| 15 | S | 995 | 91 16 33 | | | | | 4.0 | | -15.0 | 229.6 | | | | SP212 | |
| 16 | S | 1815 | 90 05 37 | | | | | 4.0 | | -7.0 | 237.6 | | | | SP213 | |
| 17 | S | 3135 | 89 59 22 | | | | | 4.0 | | -3.4 | 241.2 | | | | SP214 | |
| 18 | S | 4825 | D 89 45 30 | | | | | 4.1 | | +12.6 | 256.6 | | | ○ | NA-162@SP 214+890 | |
| 19 | | | R 270 14 02 | | | | | 4.1 | | | | | | CK | | |
| 20 | | | | | | | | | | | | | | | | |

TI-5085

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 41
 LINE No.(s) 17x PARTY No. 182 DATE 14 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONAHAN RODMAN _____ WEATHER: _____ P.T.S. No. _____

| LINE | Bearing of Sight | Stadio Distance | BEAMAN OR VERNIER | | | ROD READING | | | | Angular Elev. Diff. | Final Elev. Diff. | ELEVATIONS | | A.B.S. OF S.S. | Station | REMARKS |
|------|------------------|-----------------|-------------------|-------------|-----------------|-------------|---------|-------------|-------------|---------------------|-------------------|------------|-----|----------------|------------------|-----------------|
| | | | Level | Inclined | Angle or Factor | Hair Read | Reading | Correc-tion | Center Hair | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | 256.6 | 0 | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | N | 430 | | 0 89 46 41 | | | | | | +2.4 | 259.0 | | Δ | | N4-162@SP214+890 | |
| 4 | | | | R 270 13 19 | | | | | | | | | CK | | | |
| 5 | | 0 | | - | | | | | | | | | | | | |
| 6 | S | 430 | | 0 91 43 55 | | | | | | -42.0 | | 253.7 | | | SP215 | |
| 7 | S | 1750 | | 0 91 04 18 | | | | | | -17.0 | | 215.1 | | | SP216 | |
| 8 | | | | R 268 55 27 | | | | | | -36.8 | | 205.5 | 0 | | SP217 | |
| 9 | | | | | | | | | | -53.5 | | | | CK | | |
| 10 | | | | | | | | | | | | | | | | START ↓ 15/4/75 |
| 11 | | 4390 | | 0 70 53 17 | | | | | | | | | | | | |
| 12 | | | | R 269 06 35 | | | | | | +76.1 | 281.6 | | Δ | | | |
| 13 | | 3070 | | 0 91 36 58 | | | | | | | | | | | | |
| 14 | | 1750 | | 0 91 54 16 | | | | | | -90.5 | | 191.1 | - | | SP218 | |
| 15 | 430 (rod) | 430 | | 0 91 34 43 | | | | | | -62.1 | | 219.5 | - | | SP219 | |
| 16 | 4 | 0 | | - | | | | | | -15.9 | | 265.7 | - | | SP220 | |
| 17 | | 890 | | 0 92 59 30 | | | | | | | | 276.4 | - | | SP220+430 | |
| 18 | | 22 in | | | | | | | | -50.4 | | 231.2 | - | | SP221 | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 42
 LINE No.(s) 17X PARTY No. 182 DATE 15 Day 4 Mo. 25 Yr. BOOK No. 4
 SURVEYOR MONO HON RODMAN _____ WEATHER: _____ P.T.S. No. _____

Thru. Pa. 32
Work back

| 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 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | S | 3530 | | 90 03.00 | | | | | | | | | | | | |
| 4 | | | | R 269 57.06 | | | | | | | | | | | | |
| 5 | N | 3551 | | 91 08 10 | | | | | | | | | | | | |
| 6 | | | | R 268 51.53 | | | | | | | | | | | | |
| 7 | N | 2231 | | 91 44 25 | | | | | | | | | | | | |
| 8 | N | 911 | | 91 37 37 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | 0 | | - | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

12 use Gov't. Value (344.0) for 5th. Olive - Notes work back
 13 to North end of line 17X.

(344.0) @ N4-163 @ Δ OLIVE & SP 225+911

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 42
 LINE No.(s) 17X PARTY No. 182 DATE 15 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR HAO NOLTON RODMAN _____ WEATHER: GOOD 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 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | S | 3530 | D 90 03.00 | | | | | 4.0 | | -7.0 | | | O | SP 124 | 223 | |
| 4 | | | R 269 57.06 | | | | | 4.0 | | | | | OK | | | |
| 5 | N | 3551 | D 91 00 10 | | | | | 4.0 | | +74.4 | | | D | | | |
| 6 | | | R 268 51 53 | | | | | 4.0 | | | | | CK | | | |
| 7 | N | 2231 | 914425 | | | | | 4.0 | | -71.7 | | | | SP 224 | | |
| 8 | N | 911 | 913737 | | | | | 4.0 | | -29.9 | | | | SP 225 | | |
| 9 | | 0 | - | | | | | 5.0 | | | | | | N+268 @ ADLINE | Tie | |
| 10 | S | 409 | D 91 16 51 | | | | | 4.0 | | -13.1 | | | O | SP 226 | SP 225 + 911 | |
| 11 | | | R 268 43 26 | | | | | 4.0 | | | | | CK | SP 226 | | |
| 12 | N | 825 | D 88 49 42 | | | | | 4.0 | | -12.9 | | | Δ | | | |
| 13 | | | R 271 10 30 | | | | | 4.0 | | | | | CK | | | |
| 14 | | 0 | - | | | | | 5.3 | | | | | | | 226 + 825 | |
| 15 | S | 495 | 92 30 26 | | | | | 4.0 | | -25.6 | | | | SP 227 | | |
| 16 | S | 1815 | 92 16 26 | | | | | 4.0 | | -76.0 | | | | SP 228 | | |
| 17 | S | 4455 | D 91 00 32 | | | | | 4.0 | | 82.2 | | | O | SP 229 | 230 | |
| 18 | | | R 268 59 45 | | | | | 4.0 | | | | | CK | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

All copies of pages 4 & 43
 are missing

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 43
 LINE No.(s) 17X PARTY No. 182 DATE 15 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONOIHON RODMAN _____ WEATHER: _____ 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 | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | 0 | - | | | | | | | +5.0 | 349.0 | | | | | | TRIP. STA. Olive |
| 4 | | 409 | | 91 16.5 | | | | | | -4.0 | | 335.9 | | | | | TRI STA "OLIVE" NA-163 SP 225+911 |
| 5 | | | | 2268 5118 | | | | | | -4.0 | | | | | | | CK |
| 6 | | 825 | | 884 9.42 | | | | | | +4.0 | | 323.0 | | | | | Δ |
| 7 | | | | 827 110.30 | | | | | | +4.0 | | | | | | | CK |
| 8 | | 0 | - | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |
| 11 | | 495 | | 92 30.26 | | | | | | -4.0 | | 297.4 | | | | | SP 227 |
| 12 | | 1815 | | 92 16.26 | | | | | | -4.0 | | 297.0 | | | | | SP 228 |
| 13 | | 4965 | | 91 00.32 | | | | | | -4.0 | | 240.8 | | | | | ○ SP 230 |
| 14 | | | | 8268 59.45 | | | | | | -4.0 | | | | | | | CK |
| 15 | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 484
 LINE No.(s) 17X PARTY No. 182 DATE 15 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONAHAN RODMAN _____ 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 | | | | | | | | | | | | | | | |
| 3 | N | 2475 | | 91 51 20 | | | | | | +84.1 | 324.9 | 240.8 | 0 | SP230 | |
| 4 | | | | 82 08 53 | | | | | | | | | | CK | |
| 5 | N | 335 395 | | 91 37 25 | | | | | | -111.5 | | 213.4 | | | SP229 |
| 6 | | | | | | | | | | | | | | | SP230 |
| 7 | | 1155 | | 92 09 12 | | | | | | -47.4 | | 277.5 | | | SP231 |
| 8 | | 0 | | - | | | | | | | | 319.6 | | | SP231 + 1155 |
| 9 | S | 165 | | 90 43 08 | | | | | | -6.1 | | 318.8 | | | SP232 |
| 10 | | 1485 | | 90 51 34 | | | | | | -22.3 | | 298.6 | | | SP233 |
| 11 | | 2805 | | 89 47 32 | | | | | | +6.2 | | 331.1 | | | SP234 |
| 12 | S | 2979 | | 89 42 28 | | | | | | +10.9 | | 335.8 | 0 | | N4- 174 @SP234+174 |
| 13 | | | | 82 17 23 | | | | | | | | | | | 164 |
| 14 | N | 1641 | | 89 07 30 | | | | | | -20.9 | 314.9 | | | | CK |
| 15 | | | | 82 52 34 | | | | | | | | | | | CK |
| 16 | S | 495 | | 89 08 11 | | | | | | +3.5 | | 318.4 | | | SP235 |
| 17 | | 0 | | - | | | | | | | | 309.7 | | | SP235 + 495 |
| 18 | S | 825 | | 91 18 38 | | | | | | -22.9 | | 292.0 | | | SP236 |
| 19 | S | 2145 | | 90 47 24 | | | | | | -33.6 | | 281.3 | | | SP237 |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 445
 LINE No.(s) 17X PARTY No. 182 DATE 15 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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 | Correc-tion | Center Hair | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | 314.9 | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | S | 3465 | | 90 19 16 | | | | | | | 4.0 | -23.6 | 291.3 | O | SP238 | |
| 4 | | | | R2694025 | | | | | | | 4.0 | | | CK | | |
| 5 | N | 2640 | | 90 05 46 | | | | | | | 4.0 | +2.5 | 299.8 | A | | |
| 6 | | | | R2695903 | | | | | | | 4.0 | | | CK | | |
| 7 | N | 1320 | | 90 40 14 | | | | | | | 4.0 | -19.4 | 280.4 | | SP239 | |
| 8 | | 0 | | - | | | | | | | 5.2 | | 294.6 | | SP240 | |
| 9 | S | 1320 | | 89 52 00 | | | | | | | 4.0 | -1.0 | 298.5 | O | SP24 | |
| 10 | | | | R2200747 | | | | | | | 4.0 | | | CK | | |
| 11 | | 3960 | | 90 26 14 | | | | | | | 4.0 | +34.2 | 333.0 | A | | |
| 12 | | | | 90 20 52 | | | | | | | 4.0 | | | CK | | |
| 13 | | 2640 | | R2694138 | | | | | | | 4.0 | -20.0 | 313.0 | | SP242 | |
| 14 | | 1320 | | 90 20 52 | | | | | | | 4.0 | -9.8 | 323.2 | | SP243 | |
| 15 | | 0 | | 90 15 06 | | | | | | | 5.4 | -5.4 | 327.6 | | SP244 | |
| 16 | | 1320 | | 89 48 15 | | | | | | | 4.0 | +0.3 | 333.5 | | SP245 | |
| 17 | | 1794 | | D89 46 19 | | | | | | | 4.0 | +3.1 | 336.1 | O | N4-165 @ SP 245+474 | |
| 18 | | | | R270 13 29 | | | | | | | 4.0 | | | CK | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 486
 LINE No.(s) 17X PARTY No. 182 DATE 15 Day 4 Mo. 7 Yr. BOOK No. 4
 SURVEYOR MONDTON RODMAN _____ WEATHER: _____ P.T.S. No. _____

| LINE | Bearing of Sight | Stadio 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. | | | |
| 1 | | | | | | | | | | | 336.1 | | | N4-165 @ SP245+474 | |
| 2 | N | 2166 | D | 89 48 04 | | | | 4.0 | -3.5 | 332.6 | | | | | |
| 3 | | | R | 270 11 46 | | | | 4.0 | | | | | | | |
| 4 | N | 1320 | | 89 54 24 | | | | 4.0 | -1.8 | | 330.8 | | | 246 | |
| 5 | | 0 | | - | | | | 5.3 | -5.3 | | 327.3 | | | SP247 | |
| 6 | S | 1320 | | 90 32 21 | | | | 4.0 | -76.4 ✓ | | 316.2 | | | SP248 316.0 | |
| 7 | S | 2640 | | 90 25 14 | | | | 4.0 | -23.4 | | 309.2 | | | SP249 | |
| 8 | S | 3960 | | 90 20 27 | | | | 4.0 | -27.5 ✓ | | 305.1 | | | SP250 | |
| 9 | | | R | 269 39 36 | | | | 4.0 | | | | | | | |
| 10 | N | 495 | D | 90 10 06 | | | | 4.0 | +14.1 ✓ | 319.2 | | | | | |
| 11 | | | R | 268 49 10 | | | | 4.0 | | | | | | | |
| 12 | | 0 | | - | | | | 5.3 | -5.3 | | 313.9 | | | SP250+495 | |
| 13 | S | 825 | | 90 45 30 | | | | 4.0 | -15.2 | | 304.2 | | | SP251 304.6 | |
| 14 | S | 3465 | | 90 03 29 | | | | 4.0 | -6.4 ✓ | | 312.8 | | | SP252 (252 SAME ELEV) | |
| 15 | | | R | 269 57 43 | | | | 4.0 | | | | | | | |
| 16 | | 1320 | D | 90 13 07 | | | | 4.0 | +9.0 ✓ | 321.8 | | | | | |
| 17 | | 5 | | 269 47 17 | | | | 4.0 | | | | | | | |
| 18 | | 0 | | - | | | | 5.3 | -5.3 | | 316.5 | | | 254 | |
| 19 | | 187.3 | D | 89 54 06 | | | | 4.2 | -4.0 ✓ | | 317.8 | | | N4-166 @ SP254+187.3 | |
| 20 | | | R | 270 04 09 | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE NPR-4 AK PAGE No. 47
 LINE No.(s) 17X PARTY No. 182 DATE 16 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONOHAN RODMAN WEATHER: 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 | | | | | | | | | | | 312.8 | 0 | | | |
| 2 | | | | | | | | | | | | | | N4-166@SP 254+107.3 | |
| 3 | N | 3222.7 | | 89 58 07 | | | | | +2.4 | 320.2 | | Δ | | | |
| 4 | | | | 82 02 00 | | | | | | | | CK | | | |
| 5 | N | 2090 | | 90 12 29 | | | | | -11.2 | | 308.6 | | | SP 255 | |
| 6 | N | 770 | | 90 31 38 | | | | | -11.1 | | 309.1 | | | SP 256 | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | 0 | | - | | | | | | -5.3 | 314.9 | | | SP 256+770 | |
| 9 | | | | | | | | | | | | | | | |
| 10 | S | 550 | | 91 14 52 | | | | | -16.0 | | 304.2 | | | SP 257 | |
| 11 | S | 1870 | | 90 29 12 | | | | | -19.9 | | 300.3 | | | SP 258 | |
| 12 | S | 3190 | | 90 15 45 | | | | | -18.8 | | 301.4 | | 0 | SP 259 | |
| 13 | | | | 82 43 50 | | | | | | | | | CK | | |
| 14 | N | 2805 | | 89 37 31 | | | | | +34.7 | 336.1 | | Δ | | | |
| 15 | | | | 89 22 18 | | | | | | | | | CK | | |
| 16 | N | 1485 | | 90 46 29 | | | | | -24.1 | | 312.0 | | | SP 260 | |
| 17 | N | 165 | | 91 00 30 | | | | | -6.9 | | 329.2 | | | SP 261 | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | 0 | | - | | | | | | | 330.0 | | | SP 261+165 | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 40
 LINE No.(s) 17X PARTY No. 182 DATE 16 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MADONOHON RODMAN _____ WEATHER: _____ 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. | | | |
| 1 | | | | | | | | | | | 336.1 | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | S | 1155 | | 90 36 05 | | | | | -16.1 | | 320.0 | | SP262 | | |
| 4 | S | 2475 | | 89 51 45 | | | | | +1.9 ✓ | | 338.0 | | SP263 | | |
| 5 | | | | 82 20 00 06 | | | | | | | | | CK | | |
| 6 | N | 2495.5 | | 90 08 24 | | | | | +10.1 ✓ | 348.1 | | | Δ | | |
| 7 | | | | 82 09 51 31 | | | | | | | | | CK | | |
| 8 | N | 1175.5 | | 90 49 17 | | | | | -20.9 | | 327.2 | | SP264 | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | 0 | | - | | | | | | | | | | | |
| 11 | | | | | | | | | | | 342.9 | | SP264+1175.5(N4-167) | | |
| 12 | S | 194.5 | | 91 09 54 | | | | | -2.9 | | 341.2 | | SP265 | | |
| 13 | S | 1464.5 | | 90 29 48 | | | | | -16.7 | | 331.4 | | SP266 | | |
| 14 | S | 2784.5 | | 90 04 48 | | | | | -8.0 ✓ | | 340.1 | | SP267 | | |
| 15 | | | | 82 09 55 00 | | | | | | | | | CK | | |
| 16 | N | 3960 | | 89 49 31 | | | | | -8.1 ✓ | 332.0 | | | Δ | | |
| 17 | | | | 82 10 31 | | | | | | | | | CK | | |
| 18 | N | 2640 | | 89 58 34 | | | | | -2.9 | | 329.5 | | SP268 | | |
| 19 | N | 1320 | | 90 08 46 | | | | | -7.4 | | 324.6 | | SP269 | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 49
 LINE No.(s) 17X PARTY No. 182 DATE 15 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR MONAHAN RODMAN _____ WEATHER: _____ 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 | | | | | | | | | | | | 332.0 | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | | 0 | | - | | | | | | | | | 326.7 | | SP 270 | |
| 4 | | | | | | | | | | | | | | | | |
| 5 | S | 1320 | | 89 57 30 | | | | | | | -3.0 | | 329.0 | | SP 271 | |
| 6 | S | 2640 | | 89 35 34 | | | | | | | +14.8 ✓ | | 346.8 | 0 | SP 272 | |
| 7 | | | | 2270 24 31 | | | | | | | | | | | CK | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | Δ | |
| 10 | | 0 | | - | | | | | | | | | | | CK | |
| 11 | | | | | | | | | | | | | | | | SP 272 + SP 274 - 168 |
| 12 | | | | | | | | | | | | | | | 0 | SP 273 |
| 13 | | | | | | | | | | | | | | | CK | |
| 14 | | | | 90 58 51 | | | | | | | | | | | Δ | |
| 15 | | | | 269 01 12 | | | | | | | | | | | CK | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | 0 | | - | | | | | | | | | | | | SP 273 + 825 |
| 18 | | | | 90 50 26 | | | | | | | | | | | | SP 274 |
| 19 | | | | 90 13 30 | | | | | | | | | | | | SP 275 |
| 20 | Survey continues on Page 50 | | | | | | | | | | | | | | | |

TI-588B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 50
 LINE No.(s) 17X PARTY No. 1182 DATE #17 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR Art Jensen RODMAN _____ WEATHER: clear-cold-ground 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 | | | | | | | | | | | | 346.8 | ⊙ | SP-272 | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | N | 567 | | 90 06 04 | | | | | | | +5.0 | 351.8 | Δ | | | |
| 4 | | | | 269 54 18 | | | | | | | | | CK | | | |
| 5 | | 0 | | → (borep shown) | | | | | | | | 345.0 | | N4-168 | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | S | 753 | | 91 23 18 | | | | | | | -4.0 | 329.6 | | SP-273 | | |
| 8 | S | 2673 | | 90 15 17 | | | | | | | -7.0 | 335.6 | | SP-274 | | |
| 9 | | 3793 | | 90 12 00 | | | | | | | -4.0 | 336.0 | | SP-275 | | |
| 10 | S | 3888 | D | 90 05 58 | | | | | | | -4.0 | 341.0 | ⊙ | Gr. # 2 | | |
| 11 | | | R | 269 53 57 | | | | | | | | | | | | |
| 12 | N | 990 | D | 89 54 18 | | | | | | | | | | | | |
| 13 | | | R | 270 05 51 | | | | | | | | | | | | |
| 14 | N | 165 | | 92 53 11 | | | | | | | | | | | | |
| 15 | | 0 | | | | | | | | | | | | | | |
| 16 | S | 1135 | | 90 11 45 | | | | | | | | | | | | |
| 17 | S | 2475 | D | 90 05 56 | | | | | | | | | | | | |
| 18 | | | R | 269 54 08 | | | | | | | | | | | | |
| 19 | N | 525 | D | 90 28 17 | | | | | | | | | | | | |
| 20 | | 495 | R | 269 32 01 | | | | | | | | | | | | |

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2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE A/20K2 PAGE No. 51
 LINE No.(s) 17X PARTY No. 1182 DATE 17 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR A. Jensen RODMAN _____ WEATHER: Clear-Cool 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. | | | |
| 1 | | | | | | | | | | | 343.2 | | | | |
| 2 | | 0 | | | | | | | | | | | G-2 | | |
| 3 | S | 875 | 90 13 | 02 | | | | | -7.1 | | 337.5 | | SP 279 | | |
| 4 | S | 2145 | 90 25 | 20 | | | | | -7.3 | | 336.1 | | SP 280 | | |
| 5 | S | 2145 2790 | 89 39 | 54 | | | | | -5.9 | 710.5 | 335.9 | 0 | | | |
| 6 | S | 2790 | R 270 19 | 54 | | | | | | | 353.7 | | 114-169 | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | | 0 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | 358.9 | | | | |
| 11 | S | 675 | 90 08 | 34 | | | | | -5.7 | | 353.2 | | SP 281 | | |
| 12 | S | 1975 | 90 11 | 46 | | | | | -10.8 | | 348.1 | | SP 282 | | |
| 13 | S | 3315 | 90 09 | 31 | | | | | -13.14 | | 345.8 | 0 | SP 283 | | |
| 14 | | | 269 50 | +34 | | | | | | | | | | | |
| 15 | N | 2640 | D 89 53 | 13 | | | | | | | | | | | |
| 16 | | | R 270 07 | 20 | | | | | | | | | | | |
| 17 | | 1320 | 90 01 | 18 | | | | | | | | | | | |
| 18 | | 0 | | | | | | | | | | | | | |
| 19 | S | 1320 | 90 03 | 51 | | | | | -4.5 | | 339.9 | | SP 284 | | |
| 20 | S | 2640 | D 89 25 | 00 | | | | | | | 338.8 | | SP 285 | | |
| | | | | | | | | | | | 338.9 | | SP 286 | | |
| | | | | | | | | | | | 367.2 | 0 | SP 287 | | |

TI-588B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE A/25K2 PAGE No. 52
 LINE No.(s) 172 PARTY No. 1182 DATE 17 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR A. Jensen RODMAN _____ WEATHER: Clear-Cool 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 | Correc-tion | Center Hair | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | | | | | |
| 2 | N | 2640 | D | 91 13 05 | | | | | | +6.1 | 427.3 | 367.2 | SP-287 | | | |
| 3 | " | " | R | 263 46 58 | | | | | | | | | CK | | | |
| 4 | N | 1320 | | 91 24 17 | | | | | | -36.3 | | 391.0 | SP 288 | | | |
| 5 | " | 0 | | - | | | | | | | | 421.9 | SP 289 | | | |
| 6 | S | 660 | D | 89 24 46 | | | | | | +1.2 | | 428.9 | SP-287 | N4 | -170 | |
| 7 | " | " | R | 270 35 17 | | | | | | | | | CK | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | 0 | | - | | | | | | +6.0 | 434.9 | | SP | | | |
| 11 | | | | | | | | | | | | | | | | |
| 12 | S | 660 | | | | | | | | | | | | | | |
| 13 | S | 1980 | | 92 00 03 | | | | | | -73.0 | | 361.9 | SP 290 | | | |
| 14 | S | 3300 | | 89 48 31 | | | | | | +6.2 | | 441.1 | SP 291 | | | |
| 15 | " | " | | 270 10 46 | | | | | | | | | SP 292 | | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

See Page 53 (SP-290 Couldn't be seen)

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 53
 LINE No.(s) 17X PARTY No. 1182 DATE 18 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR A. Jensen RODMAN _____ 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 | | B.S. OF.S. -S.S. | Station | REMARKS |
|------|------------------|-----------------|-------------------|-----------|-----------------|-------------|---------|-------------|-------------|---------------------|-------------------|------------|-----|------------------|---------|------------------|
| | | | Level | Inclined | Angle or Factor | Hair Read | Reading | Correc-tion | Center Hair | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | 441.7 | ⊙ | SP | 292 | |
| 2 | N | 165 | | 91 57 57 | | | | | +4.0 | | +9.1 | 450.7 | Δ | | | |
| 3 | | | | 268 02 31 | | | | | - | | | | | | | |
| 4 | N | 2805 | | 91 28 37 | | | | | -4.0 | | -76.3 | 374.4 | | SP | 290 | |
| 5 | S | 1155 | D | 89 51 12 | R | 270 | 89 30 | | -4.0 | | -0.9 | 449.8 | ⊙ | SP | 293 | |
| 6 | | 1320 | R | 269 55 50 | | | | | +4.0 | | +5.7 | 455.5 | SA | | | |
| 7 | | 1320 | D | 90 00 33 | | | | | +4.0 | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | 0 | | | | | | | -5.7 | ✓ | -5.7 | 449.8 | | SP | 294 | |
| 10 | | 1320 | | 90 00 10 | | | | | -4.0 | | -4.1 | 451.4 | | SP | 295 | 451.4 |
| 11 | S | 2640 | | 89 47 45 | | | | | -3.5 | | +6.0 | 461.5 | ⊙ | SP | 296 | |
| 12 | | | | 270 12 30 | | | | | - | | | | | | | |
| 13 | N | 1960 | | 89 35 40 | | | | | +4.0 | | -0.1 | 461.4 | Δ | | | using stadia rod |
| 14 | | | | 270 25 07 | | | | | - | | | | | | | |
| 15 | N | 640 | | 89 53 14 | | | | | -4.0 | | -3.1 | 458.3 | | SP | 297 | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | S | 680 | | 91 27 50 | | | | | -4.0 | | -21.4 | 440.0 | | SP | 298 | |
| 18 | S | 2000 | | 89 17 57 | | | | | -4.0 | | +20.5 | 481.9 | | SP | 299 | |
| 19 | S | 2440 | | 88 57 13 | | | | | -5.0 | | +38.4 | 499.8 | ⊙ | | | |
| 20 | | | | 271 01 32 | | | | | - | | | | | | | |

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10.0x2
12.2x2

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 54
 LINE No.(s) 172 PARTY No. 1182 DATE 18 Day 4 Mo. 20 Yr. BOOK No. 4
 SURVEYOR A. Jensen RODMAN _____ 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 | | B.S. OF.S. - S.S. | Station | REMARKS |
|------|------------------|-----------------|-------------------|---------------|-----------------|-------------|---------|------------|---------------------|-------------------|-------------|-------|-------------------|---------|---------|
| | | | Level | Inclined | Angle or Factor | Hair Read | Reading | Correction | | | Center Hair | INST. | | | |
| 1 | | | | | | | | | | | | | | | |
| 2 | N | 2640 | | 92 53 57 | | | | 75.0 | +46.3 | 596.1 | 499.8 | | | | |
| 3 | | | | 269 06 09 | | | | - | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | N | 1760 | | 91 08 00 | | | | -4.0 | -38.8 | | 507.3 | | SP | 300 | |
| 7 | N | 440 | | 91 57 20 | | | | -4.0 | -19.0 | | 527.1 | | SP | 301 | |
| 8 | | | | | | | | | | | | | | | |
| 9 | S | 880 | | 89 30 24 | | | | -3.7 | +3.9 | | 550.0 | | SP | 302 | |
| 10 | | | | 270 29 48 | | | | | | | | | Also | N4-171 | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |
| 13 | N | 3960 | | 89 29 16 | | | | +3.7 | -31.9 | 518.1 | | | | | |
| 14 | | | | 270 31 03 | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | N | 2640 | | 90 29 10 | | | | -4.0 | -26.4 | | 491.7 | | SP | 303 | |
| 17 | N | 1320 | | 92 00 00 | | | | -4.0 | -50.0 | | 4568.1 | | SP | 304 | |
| 18 | 0 | | | - Dec P. snow | | | | -6.0 | | | 512.1 | | SP | 305 | |
| 19 | S | 495 | | 89 16 26 | | | | -4.0 | +2.3 | | 520.4 | | SP | N4-172 | |
| 20 | | | | 270 43 46 | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA N PR-4 STATE or PROVINCE Alaska PAGE No. 55
 LINE No.(s) 17X PARTY No. 1182 DATE 18 Day 4 Mo. 25 Yr. BOOK No. 4
 SURVEYOR A. Jensen RODMAN _____ 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 | N | 4290 | | 89 08 30 | | | | | +4.0 | | -60.2 | 460.2 | | | | |
| 2 | | | | 270 51 21 | | | | | | | | | | | | |
| 3 | N | 3465 | | 89 20 23 | | | | | -4.0 | | +35.9 | 496.1 | | SP | 306 | |
| 4 | N | 2145 | | 90 51 00 | | | | | -4.0 | | -35.8 | 424.4 | | SP | 307 | |
| 5 | N | 825 | | 93 23 22 | | | | | -4.0 | | -52.7 | 407.5 | | SP | 308 | |
| 6 | | 0 | | - | | | | | -7.0 | | | 453.2 | | G-3 | | |
| 7 | S | 495 | | 89 56 15 | | | | | -4.0 | | -2.7 | 457.5 | | SP | 309 | |
| 8 | S | 1815 | | 90 06 46 02 | | | | | -3.7 | | -6.9 | 453.3 | | SP | 310 | |
| 9 | | | | 76 53 45 | | | | | - | | | | | | | Also N4-173 |
| 10 | | | | | | | | | | | | | | | | |
| 11 | N | 2769 | | 91 52 58 | | | | | +4.9 | | +95.9 | 549.2 | | SP | 270 | |
| 12 | | | | 268 06 53 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | N | 1449 | | 92 35 20 | | | | | -4.0 | | -69.2 | 480.0 | | SP | 311 | |
| 15 | N | 129 | | 92 37 22 | | | | | -4.0 | | -9.9 | 539.3 | | SP | 312 | |
| 16 | | 0 | | - | | | | | -6.0 | | | 543.2 | | | | N4-174 |
| 17 | | | | | | | | | | | | | | | | |
| 18 | S | 1191 | | 91 40 00 | | | | | -4.0 | | -38.6 | 510.6 | | SP | 313 | |
| 19 | S | 2511 | | 91 12 39 | | | | | -4.0 | | -57.0 | 492.2 | | SP | 314 | |
| 20 | | | | 268 47 25 | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 56
 LINE No.(s) 17K PARTY No. 1182 DATE 18 Day 4 Mo. 10 Yr. BOOK No. 4
 SURVEYOR A. Jensen RODMAN _____ WEATHER: Clear, calm, mild 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 | | | | | | | | | | | | 492.2 | 0 | SP | 314 | |
| 2 | N | 2327 | | 91 25 16 | | | | +4.0 | | +761.8 | 559.0 | | | A | | |
| 3 | | | | 268 34 26 | | | | | | | | | | CK | | |
| 4 | N | 1007 | | 92 14 27 | | | | -4.0 | | -43.3 | | 510.7 | | SP | 315 | |
| 5 | | 0 | | - | | | | -5.9 | | | | 548.1 | | N4-175 | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | S | 317 | R | 269 24 14 | | | | -4.0 | | -7.3 | | 546.7 | | SP | 316 | |
| 8 | | | D | 90 35 38 | | | | - | | | | | | CK | | |
| 9 | N | 3960 | | 89 26 27 | | | | +4.0 | | -34.5 | 512.2 | | | A | | |
| 10 | | | | 270 33 23 | | | | | | | | | | | | |
| 11 | | 2646 | | 90 11 40 | | | | -4.0 | | -13.0 | | 499.2 | | SP | 317 | |
| 12 | N | 1320 | | 92 42 45 | | | | -4.0 | | -66.4 | | 445.8 | | SP | 318 | |
| 13 | | 0 | | | | | | -6.5 | | | | 505.7 | | SP | 319 | |
| 14 | S | 825 | | 89 56 37 | | | | -6.0 | | +79.1 | | 521.3 | | B-3 | | |
| 15 | | | | 271 02 36 | | | | - | | | | | | | | |
| 16 | | 800 | | | | | | +4.0 | | +77.1 | 512.2 | | | A | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | N | 495 | | 89 44 30 | | | | -4.0 | | -1.8 | | 521.9 | | SP | 320 | |
| 19 | | 0 | | | | | | -6.0 | | | | 517.5 | | B-2 | | |
| 20 | S | 825 | | 91 46 20 | | | | -4.0 | | -29.5 | | 494.2 | | SP | 321 | |

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE A. I. S. K. 2 PAGE No. 57
 LINE No.(s) 17X PARTY No. 1182 DATE 18 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR A. Jensen RODMAN _____ WEATHER: clear - cool 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 | | | | | | | | | | | | 523.7 | | | | |
| 2 | S | 2145 | | 90 32 54 | | | | | -4.0 | | -24.0 | 499.2 | | SP | 322 | |
| 3 | | 2973 | | 89 52 58 | | | | | -4.3 | | +1.6 | 525.3 | 0 | N4 | -176 | |
| 4 | S | - | | 270 04 38 | | | | | - | | | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | N | 987 | | 90 09 09 | | | | | +4.3 | | +7.0 | 532.3 | | SA | | |
| 7 | | - | | 269 50 12 | | | | | - | | | | | | | |
| 8 | N | 495 | | 90 06 40 | | | | | -4.0 | | -5.0 | 527.3 | | SP | 323 | |
| 9 | | 0 | | - | | | | | -4.6 | | -4.6 | 527.7 | | G-2 | | |
| 10 | S | 825 | | 90 39 26 | | | | | -4.0 | | -13.5 | 518.8 | | SP | 324 | |
| 11 | S | 2145 | | 89 50 40 | | | | | -4.0 | | +1.8 | 534.1 | | SP | 325 | |
| 12 | S | 3465 | | 89 42 38 | | | | | -4.0 | | +13.3 | 545.6 | 0 | SP | 326 | |
| 13 | | - | | 270 17 02 | | | | | - | | | | | | | |
| 14 | N | 2640 | | 90 40 38 | | | | | +4.0 | | +35.3 | 580.9 | | SA | | |
| 15 | | - | | 269 19 12 | | | | | - | | | | | | | |
| 16 | N | 1320 | | 90 57 50 | | | | | -4.0 | | -26.2 | 554.7 | | SP | 327 | |
| 17 | | 0 | | - | | | | | -6.0 | | -6.0 | 574.9 | 0 | SP | 328 | |
| 18 | | | | | | | | | | | | | | | | Also N4-177 |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | South End Line 17X 24 Group Trail 121d Post SP-328 |

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STADIA SURVEY NOTES

AREA IK PIK PUK RIVER NEAR-4 STATE or PROVINCE Alaska PAGE No. 57A
 LINE No.(s) 17X PARTY No. 182 DATE 18 Day May Mo. 1975 Yr. BOOK No. 4
 SURVEYOR Londe RODMAN _____ WEATHER: Sunny & Fair 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 | | | | | | | | | | | | 496.2 | 0 | TS1 | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | S | 990 | | 94°25' | 7.63 | | | +4.0 | +76.0 | } 20.0 | } 79.7 | } 575.9 | } Δ | } TS1 | } | |
| 4 | | | | 265°32' | 7.62 | | | +4.0 | 75.4 | | | | | | | |
| 5 | | 0 | | | | | | 3.2 | | | | 570.7 | X | TS4 | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | N | 330 | | 86°34' | 5.98 | | | 7.0 | +19.7 | } 15.7 | } 15.9 | } 591.8 | } 0 | } TS5 | } | |
| 8 | | | | 273°25' | 6.07 | | | 7.0 | +20.0 | | | | | | | |
| 9 | S | 660 | | 71-01-30 | 1.79 | | | +4.0 | +11.8 | } 15.8 | } 16.5 | } 607.4 | } Δ | } TS5 | } | |
| 10 | | | | 269-01 | 1.72 | | | +4.0 | +11.4 | | | | | | | |
| 11 | | 0 | | | | | | 3.2 | | | | 602.2 | X | TS7 | | |
| 12 | N | 2640 | | 90°44' | 1.28 | | | 7.3 | | | | 569.6 | | TS15 | | MOUNTAIN BECK |
| 13 | " | 3630 | | 90°25' | .73 | | | 4.0 | 26.5 | } 30.5 | } 29.1 | } 578.0 | } 0 | } TS18 | } | |
| 14 | | | | 265°37' | .67 | | | 4.0 | 24.3 | | | | | | | |
| 15 | S | 990 | | 89°58' | | | | +4.0 | | } 28.3 | } 29.1 | } 581.1 | } Δ | } TS18 | } | |
| 16 | | | | 270°04' | | | | +4.0 | | | | | | | | |
| 17 | | | | | | | | 3.2 | | | | 575.9 | X | TS21 | | |
| 18 | N | 1155 | | 70-08 | .23 | | | 4.0 | 2.7 | } 6.7 | } 6.2 | } 574.9 | } 0 | } SPT | } 328 | |
| 19 | | | | 269-55' | .15 | | | 4.0 | 1.7 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____