MB 120

MICROFILMED
JAN 8 1963

MB 120

THIS BOOK INDEXED
2/8/62

NLY CRESENT BAY-
NOV 5, 59-

2

STA W 196+00; 0+00 = N 14610.0

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 0.0 | +5.6 | | 6.9 | 1.3 |
| 10;40 | 0.6 | +5.0 | 50 | 6.2 | 0.6 |
| 5.6 | 1.6 | +4.0 | | 5.3 | +0.3 |
| | 2.1 | +3.5 | | 5.1 | +0.5 |
| | 2.3 | +3.3 | | 9.9 | 4.3 |
| 50 | 2.4 | +3.2 | | 13.9 | 8.3 |
| | 2.6 | +3.0 | 3+00 | 13.8 | 8.2 |
| | 2.9 | +2.7 | | 13.0 | 7.4 |
| | 3.1 | +2.5 | | 13.0 | 7.4 |
| | 3.2 | +2.4 | | 12.8 | 7.2 |
| 1+00 | 3.6 | +2.0 | | 12.9 | 7.3 |
| | 4.3 | +1.3 | 50 | 13.1 | 7.5 |
| | 5.2 | +0.4 | | 13.3 | 7.7 |
| | 6.2 | 0.6 | | 13.4 | 7.8 |
| | 6.6 | 1.0 | | 13.9 | 8.3 |
| 50 | 7.0 | 1.4 | | 13.4 | 7.8 |
| | 6.6 | 1.0 | 4+00 | 14.0 | 8.4 |
| | 7.0 | 1.4 | | 14.1 | 8.5 |
| | 6.9 | 1.3 | | 14.4 | 8.8 |
| | 7.1 | 1.5 | | 14.8 | 9.2 |
| 2+00 | 7.3 | 1.7 | | 14.8 | 9.2 |
| | 7.8 | 2.2 | 50 | 14.9 | 9.3 |
| | 7.1 | 1.5 | | 14.8 | 9.2 |
| | 8.5 | 2.9 | | 14.8 | 9.2 |

STA W196+00 CONT SOUTH

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| | 14.8 | 9.2 | | | |
| | 15.0 | 9.4 | | | |
| 5+00 | 15.2 | 9.6 | | | |
| | 15.2 | 9.6 | | | |
| | 15.4 | 9.8 | | | |
| | 15.6 | 10.0 | | | |
| | 15.5 | 9.9 | | | |
| 50 | 15.2 | 9.6 | | | |
| | 15.2 | 9.6 | | | |
| | 15.2 | 9.6 | | | |
| 5.7 | 15.0 | 9.3 | | | |
| 10:45 | 15.3 | 9.6 | | | |
| 6+00 | 15.6 | 9.9 | | | |
| N14600 | 15.9 | 10.2 | | | |

NLY CRESENT BAY
NOV 5, 59

3

SOUND

STA W195+50; 0+00 = N14610.0 SOUTH

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 2.4 | | | 9.6 | |
| 10:50 | 3.0 | | 50 | 10.2 | |
| 5.7 | 3.1 | | | 14.4 | |
| | 3.2 | | | 15.3 | |
| | 3.5 | | | 15.6 | |
| 50 | 3.6 | | | 15.2 | |
| | 3.9 | | 3+00 | 15.2 | |
| | 4.2 | | | 15.0 | |
| | 4.7 | | | 14.2 | |
| | 4.9 | | | 13.3 | |
| 1+00 | 5.2 | | | 13.3 | |
| | 6.0 | | 50 | 13.3 | |
| | 6.3 | | | 13.3 | |
| | 6.8 | | | 13.6 | |
| | 6.8 | | | 13.6 | |
| 50 | 6.9 | | | 13.6 | |
| | 6.9 | | 4+00 | 14.2 | |
| | 7.1 | | | 14.5 | |
| | 7.4 | | | 14.9 | |
| | 8.2 | | | 14.9 | |
| 2+00 | 8.3 | | | 14.8 | |
| | 9.2 | | 50 | 14.9 | |
| | 9.2 | | 5.8 | 14.9 | |
| | 9.6 | | 10:55 | 14.9 | |

STAW 195+80 CONT SOUTH

| DIST | SOUND ELEV | DIST | SOUND ELEV |
|---|---|---|---|
| | 12.0 | | |
| | 15.0 | | |
| 5+00 | 15.0 | | |
| | 15.1 | | |
| | 15.1 | | |
| | 15.2 | | |
| | 15.2 | | |
| 50 | 15.2 | | |
| | 15.0 | | |
| | 16.0 | | |
| | 16.1 | | |
| | 15.8 | | |
| 6+00 | 15.0 | | |
| N14000 | / | | |

NLY CRESENT BAY
NOV 5, 59-

(4)

STAW 195+00; 0+00 = N14610,0 SOUTH SOUND

| DIST | SOUND ELEV | DIST | SOUND ELEV |
|---|---|---|---|
| 0 | 4.7 | | 13.1 |
| 11,100 | 5.1 | 50 | 13.3 |
| (5.8) | 5.3 | | 13.9 |
| | 5.1 | | 14.1 |
| | 5.5 | | 14.1 |
| 50 | 6.3 | | 14.2 |
| | 7.0 | 3+00 | 14.3 |
| | 6.9 | | 14.4 |
| | 6.8 | | 14.4 |
| | 7.0 | (5.8) | 14.5 |
| 1+00 | 7.0 | 11,105 | 14.6 |
| | 7.0 | 50 | 14.6 |
| | 7.0 | | 14.5 |
| | 7.0 | | 14.4 |
| | 7.0 | | 14.9 |
| 50 | 7.0 | | 14.7 |
| | 7.0 | 4+00 | 14.8 |
| | 7.0 | | 14.6 |
| | 7.0 | | 14.7 |
| | 6.3 | | 14.8 |
| 2+00 | 5.8 | | 14.8 |
| | 5.3 | 50 | 14.8 |
| | 6.5 | | 14.4 |
| | 11.0 | | 13.3 |

STA W 195+00 CONT SOUTH

| DIST | SOUND | ELEV |
|---|---|---|
| | 16.3 | |
| | 15.9 | |
| 5+00 | 15.5 | |
| | 14.5 | |
| | 15.1 | |
| | 14.3 | |
| | 14.9 | |
| 50 | 15.2 | ok |
| | 15.1 | |
| | 15.1 | |
| | 14.4 | |
| | 15.1 | |
| 6+00 | 14.8 | |
| N14000 | 15.1 | |

NLYCRESENT BAY-
NOV 6, 59-

SOUND

STA W 196+50; 0+00=N 14440.0 SOUTH

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 5.0 | | | 12.6 | |
| 10:35 | 5.5 | | 50 | 13.1 | |
| 4.4 | 5.8 | | | 13.1 | |
| | 6.0 | | | 13.6 | |
| | 6.3 | | | 13.7 | |
| 50 | 6.3 | | | 14.0 | |
| | 6.7 | | 3+00 | 13.6 | |
| | 6.7 | | | 13.8 | |
| | 5.8 | | | 14.0 | |
| | 5.0 | | | 13.8 | |
| 1+00 | 4.6 | | | 13.7 | |
| | 3.8 | ok | 50 | 13.5 | ok |
| | 3.1 | | | 13.4 | |
| 4.5 | 3.2 | | | 13.1 | |
| 10:40 | 4.9 | | | 13.6 | |
| 50 | 9.0 | | | 13.6 | |
| | 10.9 | | 4+00 | 13.7 | |
| | 10.9 | | | 13.8 | |
| | 10.7 | | | 14.0 | |
| | 11.0 | | | 14.1 | |
| 2+00 | 11.4 | | N14000 | 13.0 | |
| | 11.5 | | 50 | 12.6 | |
| | 12.1 | | | | |
| | 12.1 | | | | |

NLYCRESENT BAY - SOUND
NOV 6, 59 SOUTH

STA W197+00; 0+00 = N14360.0

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 6.2 | 1.7 | | 14.0 | 9.4 |
| 10:45 | 6.2 | } | 50 | 13.7 | 9.1 |
| (4.5) | 6.2 | } | | 13.2 | 8.6 |
| | 6.0 | 1.5 | | 13.6 | 9.0 |
| | 5.6 | 1.1 | | 13.2 | 8.6 |
| 50 | 4.7 | 0.2 | | 13.1 | 8.5 |
| | 3.8 | +0.7 | 3+00 | 13.2 | 8.6 |
| | 3.4 | +1.1 | | 13.6 | 9.0 |
| | 3.3 | +1.2 | | 14.1 | 9.5 |
| | 3.4 | +1.1 | | 14.2 | 9.6 |
| 1+00 | 3.4 | +1.1 | | 14.0 | 9.4 |
| | 3.5 | +1.0 | 50 | 14.2 | 9.6 |
| | 4.0 | +0.5 | N14000 | 13.6 | 9.0 |
| | 4.0 | +0.5 | | 13.4 | 8.8 |
| | 4.1 | +0.4 | | 13.1 | 8.5 |
| 50 | 4.2 | +0.3 | | 13.2 | 8.6 |
| | 7.9 | 3.4 | 4+00 | 13.0 | 8.4 |
| | 11.0 | 6.5 | | | |
| (4.6) | 12.5 | 8.0 | | | |
| 10:50 | 12.5 | 7.9 | | | |
| 2+00 | 13.1 | 8.5 | | | |
| | 12.8 | 8.2 | | | |
| | 13.1 | 8.5 | | | |
| | 13.5 | 8.9 | | | |

NOV 6, 59 SOUND 6
NLYCRESENT BAY - SOUTH

STA W197+50; 0+00 = N14320.0

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 6.1 | | 11:00 | 13.8 | |
| 10:55 | 6.2 | | 50 | 13.1 | |
| (4.7) | 6.4 | | (4.7) | 14.0 | |
| | 6.4 | | | 14.2 | |
| | 6.3 | | | 14.3 | |
| 50 | 6.1 | | | 14.2 | |
| | 4.7 | | 3+00 | 13.9 | |
| | 3.9 | | | 13.9 | |
| | 3.6 | | N14000 | 14.3 | |
| | 3.9 | | | 14.1 | |
| 1+00 | 3.8 | | | 14.3 | |
| | 4.0 | | 50 | 14.3 | |
| | 4.1 | | | 14.4 | |
| | 4.1 | | | 14.8 | |
| | 4.1 | | | 14.6 | |
| 50 | 4.2 | | | 15.2 | |
| | 4.2 | | 4+00 | 16.5 | |
| | 4.8 | | | | |
| | 11.0 | | | | |
| | 12.3 | | | | |
| 2+00 | 11.7 | | | | |
| | 13.0 | | | | |
| | 13.3 | | | | |
| | 13.4 | | | | |

NLY CRESENT BAY - NOV 6, 59 — SOUND SOUTH

STA W 198+00; 0+00 = N 14270.0

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 6.9 | 2.0 | | 13.0 | 8.1 |
| 11.20 | 6.9 | | 50 | 13.1 | 8.2 |
| (4.9) | 6.9 | | | 14.1 | 9.2 |
| | 6.9 | 2.0 | N14000 | 13.6 | 8.7 |
| | 6.2 | 1.3 | | 14.3 | 9.4 |
| 50 | 5.8 | 0.6 | | 14.6 | 9.7 |
| | 4.7 | +0.2 | | 14.7 | 9.8 |
| | 4.1 | +0.8 | | 15.2 | 10.3 |
| | 4.1 | | | | |
| | 4.1 | | | | |
| 1+00 | 4.1 | +0.8 | | | |
| | 4.2 | +0.7 | | | |
| | 4.3 | +0.6 | | | |
| | 4.5 | +0.4 | | | |
| | 4.6 | +0.3 | | | |
| 50 | 4.9 | 0.0 | | | |
| | 4.9 | 0.0 | | | |
| | 5.0 | 0.1 | | | |
| | 5.9 | 1.0 | | | |
| | 12.1 | 7.2 | | | |
| 2+00 | 14.1 | 9.2 | | | |
| | 13.9 | 9.0 | | | |
| | 14.0 | 9.1 | | | |
| | 13.1 | 8.2 | | | |

NLY CRESENT BAY - NOV 6, 59 — 6 — SOUND SOUTH

STA W 198+50; 0+00 = N 14240.0

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 7.0 | | N14000 - | 14.7 | |
| 11.25 | 7.0 | | 50 | 15.1 | |
| (4.9) | 7.1 | | | 13.8 | |
| | 7.1 | | | | |
| | 6.6 | | | | |
| 50 | 5.8 | | | | |
| | 4.2 | | | | |
| | 4.1 | | | | |
| | 4.1 | | | | |
| | 4.3 | | | | |
| 1+00 | 4.4 | | | | |
| | 4.3 | | | | |
| | 4.5 | | | | |
| | 4.6 | | | | |
| | 4.3 | | | | |
| 50 | 4.9 | | | | |
| | 5.1 | | | | |
| | 5.1 | | | | |
| | 7.0 | | | | |
| | 11.8 | | | | |
| 2+00 | 13.1 | | | | |
| | 13.8 | | | | |
| | 14.2 | | | | |
| | 13.8 | | | | |

NLY CRESENT BAY - SOUND
NOV 6, 59

STAW 199+00; 0+00 = N14 200.0 SOUTH

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 7.1 | 2.1 | 11135 | 6.2 | 1.2 |
| 11+30 | 7.3 | 2.3 | 50 | 12.2 | 7.2 |
| (5.0) | 7.3 | | (5.0) | 12.7 | 7.7 |
| | 7.3 | | | 12.7 | 7.7 |
| | 7.2 | 2.2 | | | |
| 50 | 6.4 | 1.4 | | | |
| | 5.8 | 0.8 | | | |
| | 5.0 | 0.0 | | | |
| | 4.2 | +0.8 | | | |
| | 4.1 | +0.9 | | | |
| 1+00 | 4.2 | +0.8 | | | |
| | 4.4 | +0.6 | | | |
| | 4.3 | +0.7 | | | |
| | 4.4 | +0.6 | | | |
| | 4.4 | +0.6 | | | |
| 50 | 4.6 | +0.4 | | | |
| | 4.6 | +0.4 | | | |
| | 4.8 | +0.2 | | | |
| | 4.9 | +0.1 | | | |
| | 5.0 | 0.0 | | | |
| N14+00 2+00 | 5.1 | 0.1 | | | |
| | 5.1 | 0.1 | | | |
| | 5.2 | 0.2 | | | |
| | 5.9 | 0.9 | | | |

NLY CRESENT BAY - SOUND (8)
NOV 6, 59

STAW 199+50; 0+00 = N14 160.0 SOUTH

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|---|---|---|---|---|---|
| 0 | 7.3 | | | 12.3 | |
| 11+40 | 7.2 | | 50 | 13.4 | |
| (5.0) | 7.2 | | | 12.9 | |
| | 7.0 | | | | |
| | 6.3 | | | | |
| 50 | 5.6 | | | | |
| | 4.1 | | 3+00 | | |
| | 4.2 | | | | |
| | 4.1 | | | | |
| | 4.1 | | | | |
| 1+00 | 4.2 | | | | |
| | 4.2 | | | | |
| | 4.2 | | | | |
| | 4.4 | | | | |
| | 4.7 | | | | |
| 50 | 5.0 | | | | |
| N14+00 | 4.7 | | | | |
| | 4.9 | | | | |
| | 5.1 | | | | |
| | 5.1 | | | | |
| 2+00 | 5.2 | | | | |
| | 5.2 | | | | |
| | 5.3 | | | | |
| | 6.3 | | | | |

Nov 6, '59

Sound South

STA W 200+00; 0+00 = N 14,130.0

| Dist | Sound Elev | Dist | Sound Elev |
|---|---|---|---|
| 0 | 6.1 | | 5.2 |
| 11:45 | 6.2 | 50 | 5.2 |
| (5.1) | 5.7 | | 5.2 |
| | 4.9 | | 11.2 |
| | 4.8 | | 12.9 |
| 50 | 4.6 | | 12.9 |
| | 4.7 | 3+00 | 13.0 |
| | 4.8 | | 13.1 |
| | 4.9 | | 13.1 |
| | 4.9 | (5.1) | 13.3 |
| 1+00 | 4.9 | 11:50 | 13.4 |
| | 4.9 | N13,780 | |
| | 4.9 | 50 | 13.7 |
| | 4.8 | | |
| | 4.7 | | |
| 50 | 4.7 | | |
| | 4.9 | | |
| | 5.0 | | |
| | 5.0 | | |
| | 5.0 | | |
| 2+00 | 5.0 | | |
| | 5.0 | | |
| | 5.0 | | |
| | 5.1 | | |

Nov. 6 '59

19

Sound South.

Sta. W 200+50 0+00 = N 14,100.0

| Dist. | Sound | Elev. | Dist | Sound | Elev. |
|---|---|---|---|---|---|
| 0 | 5.3 | | | 4.8 | |
| 11:50 | 4.8 | | 50 | 4.9 | |
| (5.1) | 4.4 | | | 4.9 | |
| | 4.3 | | | 5.0 | |
| | 4.3 | | | 7.0 | |
| 50 | 4.3 | | | 11.3 | |
| | 4.6 | | 3+00 | 12.9 | |
| | 4.4 | | 11:55 | 13.1 | |
| | 4.2 | | (5.1) | 13.1 | |
| | 4.0 | | | 13.1 | |
| 1+00 | 4.0 | | | 13.1 | |
| | 4.0 | | N13,750 | | |
| | 4.0 | | 50 | 13.2 | |
| | 4.0 | | | | |
| | 4.0 | | | | |
| 50 | 4.2 | | | | |
| | 4.4 | | | | |
| | 4.3 | | | | |
| | 4.2 | | | | |
| | 4.3 | | | | |
| 2+00 | 4.7 | | | | |
| | 4.7 | | | | |
| | 4.8 | | | | |
| | 4.7 | | | | |

Nov. 6, 1959 — Sound South

Sta. W 201+00 : 0+00 = N 14,070.0

| Dist. | Sound | Elev. | Dist. | Sound | Elev. |
|---|---|---|---|---|---|
| 0 | 4.3 | | | 4.3 | |
| 12:00 | 4.2 | | 5-0 | 5.0 | |
| (5.1) | 4.1 | | | 5.2 | |
| | 4.2 | | | 5.1 | |
| | 4.3 | | | 8.2 | |
| 50 | 4.3 | | | 11.1 | |
| | 4.3 | | 3+00 | 11.9 | |
| | 4.4 | | | 12.0 | |
| | 4.5 | | | 12.4 | |
| | 4.6 | | (5.1) | 13.3 | |
| 1+00 | 4.6 | | 12:05 | 13.7 | |
| | 4.6 | | N 14,720 | 14.0 | |
| | 4.6 | | 50 | | |
| | 4.6 | | | | |
| | 4.5 | | | | |
| 50 | 4.3 | | | | |
| | 4.2 | | | | |
| | 4.2 | | | | |
| | 4.2 | | | | |
| | 4.6 | | | | |
| 2+00 | 4.3 | | | | |
| | 4.7 | | | | |
| | 4.7 | | | | |
| | 4.4 | | | | |

Nov. 6, 59 — Sound South — 40

Sta. W 201+50 : 0+00 = N 14,040.0

| Dist. | Sound | Elev. | Dist. | Sound | Elev. |
|---|---|---|---|---|---|
| 0 | 5.4 | | | | |
| 12:10 | 5.5 | | | | |
| (5.2) | 4.7 | | | | |
| | 4.8 | | | | |
| N 14,000 | 4.9 | | | | |
| | | | | | |
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| 1+00 | | | | | |
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11-9-59

STA. N 137+00; 0+00 = W 16830'; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (27) | | |
| 10:36 | | |
| | 0.3 | |
| | 0.8 | |
| 50 | 2.5 | |
| | 3.6 | |
| | 3.9 | |
| | 4.1 | |
| | 3.3 | |
| 1+00 | 2.4 | |
| | 1.5 | |
| | 1.0 | |
| | 0.9 | |
| | 0.9 | |
| 50 | 0.9 | |
| | 1.5 | |
| | 2.8 | |
| | 8.6 | |
| | 12.4 | |
| 2+00 | 13.3 | |
| | 12.9 | |
| | 12.8 | |
| | 12.7 | |

| Dist | Sound | Elev |
|---|---|---|
| (27) | 12.8 | |
| 50 | 12.8 | |
| | 12.8 | |
| | 12.8 | |
| 10:40 | 12.8 | |
| | 13.1 | |
| 3+00 | 13.2 | |
| | 13.1 | |
| | 13.5 | |
| | 13.2 | |
| | 13.1 | |
| 50 | 13.2 | |
| | 14.0 | |
| | 14.2 | |
| | 14.2 | |
| | 13.9 | |
| 4+00 | 12.8 | |
| | 12.2 | |
| | 10.9 | |
| | 9.2 | 6.5 |
| | 9.3 | 6.6 |
| 50 | 9.3 | 6.6 |
| | 9.4 | 6.7 |
| | 9.5 | 6.8 |

STA. N 137+00 WEST - 11-9-59 (11)

| Dist | Sound | Elev |
|---|---|---|
| (26) | 9.5 | 6.7 |
| | 9.4 | 6.8 |
| 5+00 | 9.8 | 7.2 |
| | 9.7 | 7.1 |
| | 9.6 | 7.0 |
| | 9.5 | 6.9 |
| | 9.5 | 6.9 |
| 50 | 9.9 | 7.3 |
| | 11.4 | |
| | 11.3 | |
| | 11.3 | |
| | 11.3 | |
| 6+00 | 11.3 | |
| | 11.1 | |
| | 10.9 | |
| | 10.6 | |
| | 11.2 | |
| 50 | 11.6 | |
| | 12.1 | |
| 10:45 | 11.8 | |
| | 11.8 | |
| | 12.2 | |
| 7+00 | 12.2 | |
| | 12.2 | |
| | 12.2 | |

| Dist | Sound | Elev |
|---|---|---|
| (26) | 12.2 | |
| | 12.2 | |
| 50 | 12.0 | |
| | 11.9 | |
| | 11.9 | |
| | 12.0 | |
| | 12.2 | |
| 8+00 | 12.3 | |
| | 11.0 | |
| | 11.3 | |
| | 11.9 | |
| | 11.2 | |
| 50 | 10.8 | |
| | 10.3 | |
| | 10.4 | |
| | 10.9 | |
| | 11.9 | |
| 9+00 | 11.8 | |
| | 11.3 | |
| | 11.0 | |
| | 11.0 | |
| | 11.0 | |
| 50 | 10.8 | |
| | 11.0 | |
| | 11.3 | |

STA. N. 13700 CONT'D EAST 11-9-59

| Dist | Sound | Elev |
|---|---|---|
| 26 | 11.2 | |
| | 11.1 | |
| 10+00 | 11.2 | |
| | 11.2 | |
| | 11.3 | |
| 10.50 | 11.9 | |
| | 11.6 | |
| 50 | 11.4 | |
| | 11.9 | |
| | 11.9 | |
| | 11.9 | |
| | 11.9 | |
| 11+00 | 11.8 | |
| | 11.7 | |
| | 11.3 | |
| | 11.5 | |
| | 11.5 | |
| 50 | 11.4 | |
| | 11.5 | |
| | 11.4 | |
| | 11.3 | |
| | 11.3 | |
| 12+00 | 11.3 | |
| | 11.4 | |
| | 11.6 | |

| Dist | Sound | Elev |
|---|---|---|
| 26 | 11.9 | |
| | 12.2 | |
| 50 | 11.3 | |
| | 11.2 | |
| | 11.5 | |
| | 11.8 | |
| | 11.7 | |
| 13+00 | 11.9 | |
| | 11.5 | |
| | 11.7 | |
| | 11.8 | |
| | 12.1 | |
| 50 | 12.3 | |
| | 12.3 | |
| | 12.2 | |
| | 12.2 | |
| | 12.2 | |
| 14+00 | 12.2 | |
| | 12.2 | |
| | 12.1 | |
| | 12.1 | |
| | 12.1 | |
| 50 | 11.6 | |
| | 11.6 | |
| | 11.7 | |

STA. N 13700 EAST

| Dist | Sound | Elev |
|---|---|---|
| 26 | 11.5 | |
| | 11.6 | |
| 15+00 | 11.7 | |
| | 11.6 | |
| | 11.8 | |
| | 12.0 | |
| | 12.2 | |
| 50 | 12.1 | |
| | 12.1 | |
| 70 | 12.3 | |

11-9-59

STA. N 137+50; 0+00 = W. 16840', SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | (23) | 12.0 | |
| (23) | | | 50 | 11.8 | |
| | | | | 11.6 | |
| 11:05 | | | | 11.6 | |
| | 0.2 | | | 11.5 | |
| 50 | 1.5 | | | 11.5 | |
| | 3.1 | | 3+00 | 11.7 | |
| | 4.0 | | 11:10 | 11.2 | |
| | 4.3 | | | 10.1 | |
| | 4.1 | | | 10.5 | |
| 1+00 | 3.3 | | | 10.1 | |
| | 2.4 | | 50 | 10.3 | |
| | 1.2 | | | 10.7 | |
| | 0.9 | | | 11.0 | |
| | 0.6 | | | 11.5 | |
| 50 | 0.5 | | | 11.7 | |
| | 1.0 | | 4+00 | 11.9 | |
| | 2.0 | | | 11.0 | |
| | 6.0 | | | 9.0 | 6.5 |
| | 9.5 | | | 9.1 | 6.6 |
| 2+00 | 11.4 | | | 9.2 | 6.7 |
| | 11.3 | | 50 | 9.3 | 6.8 |
| | 11.6 | | | 9.5 | 7.0 |
| | 11.7 | | | 9.5 | 7.0 |

STA. N 137+50 - WEST

(13)

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (23) | 9.5 | 7.0 | (23) | 11.4 | |
| | 10.0 | | | 11.5 | |
| 5+00 | 10.0 | | 50 | 11.5 | |
| | 9.8 | | | 11.6 | |
| | 9.8 | | | 11.5 | |
| | 9.8 | | | 11.5 | |
| | 9.8 | | | 11.5 | |
| 50 | 9.8 | | 8+00 | 11.5 | |
| | 9.9 | | 11:15 | 11.4 | |
| | 10.0 | | | 10.7 | |
| | 10.0 | | | 11.0 | |
| | 10.0 | | | 11.2 | |
| 6+00 | 10.0 | | 50 | 11.2 | |
| | 9.9 | | | 10.7 | |
| | 9.9 | | | 11.0 | |
| | 10.0 | | | 11.0 | |
| | 10.4 | | | 10.7 | |
| 50 | 11.0 | | 9+00 | 11.0 | |
| | 11.1 | | | 11.0 | |
| | 11.3 | | | 10.8 | |
| | 11.3 | | | 10.7 | |
| | 11.3 | | | 10.9 | |
| 7+00 | 11.4 | | 50 | 11.0 | |
| | 11.4 | | | 11.0 | |
| | 11.5 | | | 11.0 | |

STA. N137+50 - WEST 11-9-59

| Dist | Sound | Elev |
|---|---|---|
| (25) | 11.2 | |
| | 11.2 | |
| 10+00 | 11.2 | |
| | 11.0 | |
| | 11.0 | |
| | 11.2 | |
| | 11.2 | |
| 50 | 11.2 | |
| | 11.3 | |
| | 11.0 | |
| | 11.0 | |
| | 11.0 | |
| 11+00 | 11.0 | |
| | 11.0 | |
| | 11.0 | |
| | 10.5 | |
| | 10.5 | |
| 50 | 10.7 | |
| 11:20 | 10.8 | |
| | 10.7 | |
| | 10.7 | |
| | 10.8 | |
| 12+00 | 10.7 | |
| | 10.7 | |
| | 10.8 | |

| Dist | Sound | Elev |
|---|---|---|
| (25) | 10.6 | |
| | 10.7 | |
| 50 | 10.5 | |
| | 10.5 | |
| | 10.5 | |
| | 10.5 | |
| | 10.4 | |
| 13+00 | 10.5 | |
| | 10.5 | |
| | 11.0 | |
| | 11.1 | |
| | 11.2 | |
| 50 | 11.3 | |
| | 11.4 | |
| | 11.3 | |
| | 11.1 | |
| | 11.0 | |
| 14+00 | 11.2 | |
| | 11.5 | |
| | 11.5 | |
| | 11.5 | |
| | 11.5 | |
| 50 | 11.5 | |
| | 11.3 | |
| | 11.3 | |



STA. N137+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| (25) | 11.2 | |
| | 11.1 | |
| 1500 | 11.1 | |
| | 11.1 | |
| | 11.1 | |
| | 11.3 | |
| | 12.0 | |
| 50 | 12.1 | |
| 60 | 12.0 | |

11-10-59

STA. N. 138+00; 0+00 = W. 16,850 ; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (30) | | |
| | | |
| | | |
| 2:58 | | |
| | 0.5 | +2.5 |
| 50 | 1.1 | +1.9 |
| | 3.2 | 0.2 |
| | 4.1 | 1.1 |
| | 4.4 | 1.4 |
| | 4.5 | 1.5 |
| 1+00 | 4.3 | 1.3 |
| | 3.6 | 0.6 |
| | 2.8 | +0.2 |
| | 1.7 | +1.3 |
| | 1.2 | +1.8 |
| 50 | 1.2 | +1.8 |
| | 1.1 | +1.9 |
| | 1.3 | +1.7 |
| | 1.9 | +1.1 |
| | 2.8 | +0.2 |
| 2+00 | 6.5 | 3.5 |
| | 9.9 | 6.9 |
| | 10.2 | 7.2 |
| | 10.2 | 7.2 |

| Dist | Sound | Elev |
|---|---|---|
| (3.0) | 10.3 | 7.3 |
| 50 | 10.3 | ≀ |
| 3:00 | 10.3 | ≀ |
| | 10.4 | 7.4 |
| | 10.4 | 7.4 |
| | 10.5 | 7.5 |
| | 10.6 | 7.6 |
| 3+00 | 10.6 | 7.6 |
| | 10.9 | 7.9 |
| | 11.2 | 8.2 |
| | 11.3 | 8.3 |
| | 11.9 | 8.9 |
| 50 | 12.2 | 9.2 |
| | 12.0 | 9.0 |
| | 12.2 | 9.2 |
| | 12.3 | 9.3 |
| | 12.4 | 9.4 |
| 4+00 | 12.3 | 9.3 |
| | 12.2 | 9.2 |
| | 11.9 | 8.9 |
| | 10.2 | 7.2 |
| | 9.8 | 6.8 |
| 50 | 9.8 | 6.8 |
| | 10.0 | 7.0 |
| | 10.2 | 7.2 |

STA. N. 138+00 - WEST

(15)

| Dist | Sound | Elev |
|---|---|---|
| (30) | 10.3 | 7.3 |
| | 10.4 | 7.4 |
| 5+00 | 10.5 | 7.5 |
| | 10.4 | 7.4 |
| | 10.5 | 7.5 |
| | 10.5 | 7.5 |
| | 10.6 | 7.6 |
| 50 | 10.7 | 7.7 |
| | 10.8 | 7.8 |
| | 11.0 | 8.0 |
| | 11.1 | 8.1 |
| | 11.2 | 8.2 |
| 6+00 | 11.2 | ≀ |
| | 11.2 | ≀ |
| | 11.1 | 8.1 |
| | 11.1 | 8.1 |
| | 11.3 | 8.3 |
| 50 | 12.5 | 9.5 |
| | 12.5 | 9.5 |
| | 12.6 | 9.6 |
| | 12.6 | 9.6 |
| | 12.4 | 9.4 |
| 7+00 | 12.3 | 9.3 |
| | 12.3 | 9.3 |
| | 12.2 | 9.2 |

| Dist | Sound | Elev |
|---|---|---|
| (3.1) | 12.3 | 9.3 |
| | 12.3 | 9.3 |
| 50 | 12.5 | 9.4 |
| 3:05 | 12.5 | 9.4 |
| | 12.4 | 9.3 |
| | 12.5 | 9.4 |
| | 12.3 | 9.2 |
| 8+00 | 12.2 | 9.1 |
| | 12.2 | 9.1 |
| | 12.1 | 9.0 |
| | 12.0 | 8.9 |
| | 12.0 | ≀ |
| 50 | 12.0 | ≀ |
| | 12.0 | ≀ |
| | 11.9 | 8.8 |
| | 11.9 | ≀ |
| | 11.9 | ≀ |
| 9+00 | 12.0 | 8.9 |
| | 11.9 | 8.8 |
| | 11.9 | 8.8 |
| | 11.8 | 8.7 |
| | 11.8 | 8.7 |
| 50 | 11.7 | 8.6 |
| | 11.8 | 8.7 |
| | 12.0 | 8.9 |

STA. N. 138+00 - WEST 11-10-59

| Dist | Sound | Elev |
|---|---|---|
| (31) | 12.0 | 8.9 |
| | 12.0 | 〃 |
| 10+00 | 12.0 | 〃 |
| | 12.1 | 9.0 |
| | 12.1 | 9.0 |
| | 12.0 | 8.9 |
| | 12.1 | 9.0 |
| 50 | 12.1 | 〃 |
| | 12.1 | 〃 |
| | 12.1 | 〃 |
| | 12.1 | 〃 |
| | 12.2 | 9.1 |
| 11+00 | 12.1 | 9.0 |
| | 12.0 | 8.9 |
| | 12.0 | 8.9 |
| | 11.9 | 8.8 |
| | 11.7 | 8.6 |
| 50 | 11.7 | 8.6 |
| | 11.9 | 8.8 |
| | 11.9 | 8.8 |
| | 12.0 | 8.9 |
| | 12.0 | 8.9 |
| 12+00 | 12.1 | 9.0 |
| | 12.1 | 〃 |
| | 12.1 | 〃 |

| Dist | Sound | Elev |
|---|---|---|
| (32) | 12.0 | 8.8 |
| | 11.9 | 8.7 |
| 50 | 11.6 | 8.4 |
| 3:10 | 11.7 | 8.5 |
| | 11.9 | 8.7 |
| | 11.8 | 8.6 |
| | 11.7 | 8.5 |
| 13+00 | 11.9 | 8.7 |
| | 11.8 | 8.6 |
| | 12.0 | 8.8 |
| | 11.8 | 8.6 |
| | 11.5 | 8.3 |
| 50 | 11.7 | 8.5 |
| | 11.8 | 8.6 |
| | 11.8 | 〃 |
| | 11.8 | 〃 |
| | 11.8 | 〃 |
| 14+00 | 12.0 | 8.8 |
| | 11.8 | 8.6 |
| | 11.9 | 8.7 |
| | 12.0 | 8.8 |
| | 12.2 | 9.0 |
| 50 | 12.1 | 8.9 |
| | 12.0 | 8.8 |
| | 12.0 | 8.8 |



STA. N. 138+00 - WEST

| Dist | Sound | Elev |
|---|---|---|
| (32) | 12.0 | 8.8 |
| | 12.0 | 〃 |
| 15+00 | 12.0 | 〃 |
| | 12.0 | 〃 |
| | 12.1 | 8.9 |
| | 12.5 | 9.3 |
| | 12.7 | 9.5 |
| 50 | 12.6 | 9.4 |

(STA. N. 138+50; P9.24)

11-10-59

STA. N 118+50; 0+00 = W 16500; SOUND WEST

| DIST | SOUND | ELEV |
|---|---|---|
| 0+00 | | |
| (19) | 1.1 | +0.8 |
| 11:43 | 6.0 | 4.1 |
| | 9.5 | 7.6 |
| | 10.5 | |
| 50 | 10.6 | |
| | 11.1 | |
| | 11.1 | |
| | 11.2 | |
| | 11.3 | |
| 1+00 | 11.3 | |
| | 11.3 | |
| | 11.3 | |
| | 11.3 | |
| | 11.3 | |
| 50 | 11.3 | |
| | 11.2 | |
| | 11.9 | |
| | 12.0 | |
| | 12.0 | |
| 2+00 | 12.1 | |
| | 12.1 | |
| | 12.1 | |
| | 12.1 | |
| | 12.1 | |

OK

| DIST | SOUND | ELEV |
|---|---|---|
| (19) | 12.3 | |
| 50 | 12.0 | |
| 11:45 | 11.1 | |
| | 10.9 | |
| | 10.8 | |
| | 10.9 | |
| 3+00 | 10.9 | |
| | 11.0 | |
| | 10.3 | |
| | 9.3 | |
| | 9.1 | |
| 50 | 9.2 | |
| | 9.2 | |
| | 9.2 | |
| | 9.2 | |
| | 9.1 | |
| 4+00 | 9.1 | |
| | 9.1 | |
| | 8.9 | 7.0 |
| | 9.0 | |
| | 9.1 | |
| 50 | 9.1 | |
| | 9.1 | |
| | 9.1 | |

OK

OK

STA. N. 118+50 - WEST

(17)

| DIST | SOUND | ELEV |
|---|---|---|
| (19) | 9.1 | |
| | 9.1 | |
| 5+00 | 9.2 | |
| | 9.1 | |
| | 8.8 | 6.9 |
| | 8.1 | 6.2 |
| | 8.1 | 6.2 |
| 50 | 8.4 | 6.5 |
| | 8.4 | 6.5 |
| | 8.8 | 6.9 |
| | 8.3 | 6.4 |
| | 8.4 | 6.5 |
| 6+00 | 8.3 | 6.4 |
| | 8.4 | 6.5 |
| | 8.6 | 6.7 |
| | 8.7 | 6.8 |
| | 8.8 | 6.9 |
| 50 | 8.9 | 7.0 |
| | 9.0 | 7.1 |
| | 9.2 | |
| | 9.1 | |
| | 8.6 | |
| 7+00 | 9.2 | |
| | 8.9 | |
| | 8.4 | 6.5 |

OK

OK

| DIST | SOUND | ELEV |
|---|---|---|
| (19) | 8.6 | 6.7 |
| | 8.6 | 6.7 |
| 50 | 9.0 | 7.1 |
| | 8.4 | 6.5 |
| 11:50 | 8.5 | 6.6 |
| | 8.5 | 6.6 |
| | 8.5 | 6.6 |
| 8+00 | 8.6 | 6.7 |
| | 8.6 | 6.7 |
| | 8.8 | 6.9 |
| | 8.8 | 6.9 |
| | 9.0 | 7.1 |
| 50 | 8.9 | 7.0 |
| | 8.9 | 7.0 |
| | 9.0 | |
| | 9.0 | |
| | 9.0 | |
| 9+00 | 9.0 | |
| | 9.1 | |
| | 9.1 | |
| | 9.0 | |
| | 9.1 | |
| 50 | 9.1 | |
| | 9.1 | |
| | 9.1 | |

OK

STA. N. 118+50 - WEST 11-10-59

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (19) | 9.0 | | (19) | 9.2 | |
| | 9.1 | | | 9.1 | |
| 10+00 | 9.1 | | 50 | 9.2 | |
| | 9.0 | | 11:55 | 9.2 | |
| | 9.0 | | | 9.2 | |
| | 9.0 | | | 9.1 | |
| | 9.0 | | | 9.1 | |
| 50 | 9.2 | | 13+00 | 9.1 | |
| | 9.2 | | | 8.9 | |
| | 9.2 | | | 8.7 | 6.8 |
| | 9.1 | | | 8.8 | 6.9 |
| | 9.1 | | | 9.0 | 7.1 |
| 11+00 | 9.1 | | 50 | 9.1 | |
| | 9.1 | | | 9.0 | |
| | 9.0 | | | 8.9 | 7.0 |
| | 9.0 | | | 9.0 | 7.1 |
| | 9.1 | | | 8.9 | 7.0 |
| 50 | 9.1 | | 14+00 | 9.1 | 7.2 |
| | 9.1 | | | 9.0 | 7.1 |
| | 9.1 | | | 8.5 | 6.6 |
| | 9.1 | | | 8.4 | 6.5 |
| | 9.1 | | | 8.5 | 6.6 |
| 12+00 | 9.2 | | 50 | 8.6 | 6.7 |
| | 9.2 | | | 8.7 | 6.8 |
| | 9.2 | | | 8.5 | 6.6 |

STA. N. 118+50 - WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (19) | 8.5 | 6.6 | (18) | 9.3 | |
| | 8.3 | 6.4 | | 9.2 | |
| 15+00 | 8.2 | 6.3 | 50 | 9.2 | |
| | 8.2 | | 12:00 | 9.2 | |
| | 8.2 | | | 9.2 | |
| | 8.1 | 6.2 | | 9.4 | |
| | 8.2 | 6.3 | | 9.3 | |
| 50 | 8.3 | 6.4 | 18+00 | 9.3 | |
| | 8.4 | 6.5 | | 9.6 | |
| | 8.4 | 6.5 | | 10.1 | |
| | 8.8 | 6.9 | | 9.9 | |
| | 8.9 | 7.0 | | 10.1 | |
| 16+00 | 8.9 | 7.0 | 50 | 10.7 | |
| | 9.0 | | | 10.4 | |
| | 9.1 | | | 10.4 | |
| | 9.2 | | | 10.1 | |
| | 9.2 | | | 9.2 | |
| 50 | 9.1 | | 19+00 | 9.1 | |
| | 9.3 | | | 8.7 | 6.8 |
| | 9.3 | | | 9.0 | |
| | 9.4 | | | 9.2 | |
| | 9.4 | | | 9.3 | |
| 17+00 | 9.4 | | 50 | 9.9 | |
| | 9.3 | | | 9.7 | |
| | 9.3 | | | 9.8 | |

STA. N. 118+50 - WEST 11-10-59

| Dist | Sound | Elev |
|---|---|---|
| (18) | 9.8 | |
| | 9.8 | |
| 20+00 | 9.9 | |
| | 9.7 | |
| | 9.3 | |
| | 9.5 | |
| | 10.0 | |
| 50 | 9.8 | |
| | 9.9 | |
| | 10.2 | |
| | 10.8 | |
| | 10.6 | |
| 21+00 | 11.0 | |
| | 11.3 | |
| | 11.5 | |
| | 11.9 | |
| | 11.9 | |
| 50 | 12.1 | |
| 12:05 | 12.5 | |
| | 12.2 | |
| | 11.5 | |
| | 10.1 | |
| 22+00 | 9.9 | |
| | 9.3 | |
| | 9.5 | |

| Dist | Sound | Elev |
|---|---|---|
| (18) | 9.4 | |
| | 9.9 | |
| 50 | 9.3 | |
| | 10.0 | |
| | 9.2 | |
| | 9.8 | |
| | 9.8 | |
| 23+00 | 9.6 | |
| | 9.2 | |
| | 9.2 | |
| | 8.9 | |
| | 8.5 | 6.7 |
| 50 | 8.4 | 6.6 |
| | 8.6 | 6.8 |
| | 8.8 | 7.0 |
| | 8.6 | 6.8 |
| | 9.2 | |
| 24+00 | 9.0 | |
| | 9.1 | |
| | 9.0 | |
| | 9.0 | |
| | 9.0 | |
| 50 | 10.2 | |
| | 10.9 | |
| | 11.2 | |
| | 11.4 | |
| | 11.2 | |
| 25+00 | 11.2 | |

STA. N. 119+00; 0+00 = W 6480; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (19) | | |
| | | |
| 1:28 | 0.0 | +1.9 |
| | 2.5 | 0.6 |
| 50 | 7.4 | 5.5 |
| | 10.1 | 8.2 |
| | 10.0 | |
| | 10.2 | |
| | 10.2 | |
| 1+00 | 10.6 | |
| | 11.2 | |
| | 11.0 | |
| | 11.1 | |
| | 11.5 | |
| 50 | 11.7 | |
| | 11.7 | |
| | 12.0 | |
| | 12.3 | |
| | 11.5 | |
| 2+00 | 11.5 | |
| | 11.5 | |
| | 12.0 | |
| | 12.2 | |

| Dist | Sound | Elev |
|---|---|---|
| (19) | 12.2 | |
| 50 | 12.3 | |
| | 12.5 | |
| | 12.8 | |
| | 12.8 | |
| | 12.5 | |
| 3+00 | 11.5 | |
| | 11.2 | |
| | 11.3 | |
| | 11.3 | |
| | 11.5 | |
| 50 | 11.7 | |
| | 12.0 | |
| | 11.9 | |
| | 11.5 | |
| | 11.2 | |
| 4+00 | 11.0 | |
| | 10.9 | |
| | 10.5 | |
| | 10.4 | |
| | 10.3 | |
| 50 | 10.3 | |
| | 10.4 | |
| | 10.3 | |

STA. N. 119+00 - WEST 11-10-59

| Dist | Sound | Elev |
|---|---|---|
| 20 | 10.2 | |
| | 10.2 | |
| 5+00 | 10.0 | |
| | 10.0 | 0 K |
| 1:35 | 10.0 | |
| | 9.9 | |
| | 9.4 | |
| 50 | 9.0 | 7.0 |
| | 8.9 | 6.9 |
| | 8.5 | 6.5 |
| | 8.7 | 6.7 |
| | 9.0 | 7.0 |
| 6+00 | 9.1 | |
| | 9.1 | |
| | 9.1 | |
| | 9.2 | |
| | 9.3 | |
| 50 | 9.6 | 0 K |
| | 9.6 | |
| | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| 7+00 | 10.0 | |
| | 10.0 | |
| | 10.1 | |

| Dist | Sound | Elev |
|---|---|---|
| 20 | 10.0 | |
| | 10.0 | |
| 50 | 9.9 | |
| | 9.9 | |
| | 9.8 | |
| | 9.6 | |
| | 9.5 | |
| 8+00 | 9.5 | |
| | 9.6 | |
| | 9.7 | |
| | 9.8 | 0 K |
| | 9.9 | 0 |
| 50 | 9.9 | |
| | 9.9 | |
| | 10.0 | |
| | 10.1 | |
| | 10.0 | |
| 9+00 | 10.0 | |
| | 10.1 | |
| | 10.2 | |
| | 10.1 | |
| | 10.1 | |
| 50 | 10.2 | |
| | 10.2 | |
| | 10.3 | |

STA. N. 119+00 - WEST

(20)

| Dist | Sound | Elev |
|---|---|---|
| 2.0 | 10.3 | |
| | 10.2 | |
| 10+00 | 10.0 | |
| | 10.1 | |
| | 10.1 | |
| | 10.0 | |
| | 10.0 | |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.0 | 0 K |
| 11+00 | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| | 9.9 | |
| | 9.9 | |
| 50 | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| 12+00 | 10.1 | |
| | 10.0 | |
| | 10.0 | |

| Dist | Sound | Elev |
|---|---|---|
| 21 | 10.0 | |
| | 10.0 | |
| 50 | 10.1 | |
| 1:40 | 10.1 | |
| | 10.2 | |
| | 10.2 | |
| | 10.2 | |
| 13+00 | 10.2 | |
| | 10.3 | |
| | 10.0 | |
| | 9.9 | |
| | 9.8 | 1/0 |
| 50 | 9.8 | |
| | 10.0 | |
| | 9.9 | |
| | 10.0 | |
| | 10.0 | |
| 14+00 | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| | 10.0 | |
| 50 | 9.8 | |
| | 9.7 | |
| | 9.7 | |

STA. N. 119+00 - WEST 11-10-59

| Dist | Sound | Elev |
|---|---|---|
| (21) | 9.5 | |
| | 9.4 | |
| 15+00 | 9.4 | |
| | 9.5 | |
| | 9.5 | O.K. |
| | 9.4 | |
| | 9.3 | |
| 50 | 9.4 | |
| | 9.3 | |
| | 9.2 | |
| | 9.1 | 7.0 |
| | 9.3 | |
| 16+00 | 9.7 | |
| | 9.6 | |
| | 9.7 | |
| | 10.0 | |
| | 10.0 | |
| 50 | 10.1 | |
| | 10.0 | O.K. |
| | 10.1 | |
| | 10.2 | |
| | 10.3 | |
| 17+00 | 10.5 | |
| | 10.4 | |
| | 10.3 | |

| Dist | Sound | Elev |
|---|---|---|
| (21) | 10.3 | |
| | 10.3 | |
| 50 | 10.3 | |
| 1;45 | 10.4 | |
| | 10.3 | |
| | 10.2 | |
| | 10.2 | |
| 18+00 | 10.2 | |
| | 10.2 | |
| | 10.3 | |
| | 10.3 | O.K. |
| | 10.3 | |
| 50 | 10.5 | |
| | 10.7 | |
| | 11.0 | |
| | 11.2 | |
| | 11.3 | |
| 19+00 | 11.4 | |
| | 11.0 | |
| | 10.9 | |
| | 10.2 | |
| | 9.4 | |
| 50 | 9.5 | |
| | 9.6 | |
| | 10.1 | |

STA. N. 119+00 - WEST (21)

| Dist | Sound | Elev |
|---|---|---|
| (21) | 10.4 | |
| | 10.4 | |
| 20+00 | 10.6 | |
| | 10.7 | |
| | 10.8 | |
| | 10.5 | |
| | 10.4 | |
| 50 | 10.3 | |
| | 10.2 | |
| | 10.3 | |
| | 10.5 | O.K. |
| | 10.7 | |
| 21+00 | 10.9 | |
| | 11.0 | |
| | 11.1 | |
| | 11.2 | |
| | 11.5 | |
| 50 | 12.0 | |
| | 12.2 | |
| | 12.5 | |
| | 12.5 | |
| | 12.5 | |
| 22+00 | 12.8 | |
| | 13.0 | |
| | 12.7 | |

| Dist | Sound | Elev |
|---|---|---|
| (21) | 9.5 | |
| | 9.5 | |
| 50 | 9.7 | |
| 1;50 | 9.6 | |
| | 10.0 | |
| | 9.9 | |
| | 9.9 | |
| 23+00 | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| | 10.0 | O.K. |
| 50 | 9.9 | |
| | 9.5 | |
| | 9.4 | |
| | 9.5 | |
| | 9.5 | |
| 24+00 | 9.5 | |
| | 9.5 | |
| | 9.4 | |
| | 9.5 | |
| | 9.6 | |
| 50 | 10.0 | |
| | 12.1 | |
| | 12.1 | |
| | 12.0 | |
| | 12.2 | |
| 25+00 | 12.3 | |

11-10-50

STA. N. 119+50; 0+00 = W. 16510; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | 0.1 | +2.2 | 23 | 14.2 | |
| 23 | 0.9 | +1.4 | 50 | 14.2 | |
| | 3.4 | 1.1 | 2;10 | 14.2 | |
| 2.07 | 8.3 | 6.0 | | 13.9 | |
| | 11.0 | | | 11.7 | |
| 50 | 11.5 | | | 11.1 | |
| | 11.1 | | 3+00 | 11.2 | |
| | 11.0 | | | 11.3 | |
| | 11.5 | | | 11.7 | |
| | 11.5 | | | 11.6 | |
| 1+00 | 11.6 | | | 11.2 | |
| | 12.0 | | 50 | 10.4 | |
| | 12.4 | | | 10.4 | |
| | 11.8 | | | 10.3 | |
| | 12.3 | | | 10.3 | |
| 50 | 12.6 | | | 10.3 | |
| | 12.3 | | 4+00 | 10.2 | |
| | 12.7 | | | 10.2 | |
| | 13.2 | | | 10.1 | |
| | 13.7 | | | 10.1 | |
| 2+00 | 14.0 | | | 10.0 | |
| | 14.1 | | 50 | 10.1 | |
| | 14.1 | | | 10.1 | |
| | 14.1 | | | 10.0 | |

STA. N. 119+50 - WEST



| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 2.3 | 9.7 | | 2.3 | 10.2 | |
| | 9.7 | | | 10.2 | |
| 5+00 | 9.4 | | 50 | 10.2 | |
| | 9.4 | | | 10.1 | |
| | 9.6 | | | 10.1 | |
| | 9.6 | | | 10.1 | |
| | 9.7 | | | 10.0 | |
| 50 | 9.7 | | 8+00 | 10.0 | |
| | 9.7 | | | 10.0 | |
| | 9.8 | | | 10.0 | |
| | 9.9 | | | 10.0 | |
| | 9.9 | | | 9.9 | |
| 6+00 | 9.9 | | 50 | 9.9 | |
| | 9.9 | | | 9.8 | |
| | 9.9 | | | 10.0 | |
| | 10.1 | | | 10.2 | |
| | 10.1 | | | 10.3 | |
| 50 | 10.1 | | 9+00 | 10.2 | |
| 2;15 | 10.1 | | | 10.3 | |
| | 10.3 | | | 10.2 | |
| | 10.3 | | | 10.2 | |
| | 10.2 | | | 10.2 | |
| 7+00 | 10.1 | | 50 | 10.2 | |
| | 10.1 | | | 10.2 | |
| | 10.2 | | | 10.2 | |

STA. N. 119+50 - WEST 11-10-59

| Dist | Sound | Elev |
|---|---|---|
| 23 | 10.2 | |
| | 10.4 | |
| 10+00 | 10.5 | |
| | 10.4 | |
| | 10.5 | |
| | 10.4 | |
| | 10.3 | |
| 50 | 10.3 | |
| | 10.3 | |
| | 10.2 | |
| | 10.2 | L. |
| | 10.2 | 0. |
| 11+00 | 10.2 | |
| | 10.2 | |
| | 10.2 | |
| | 10.2 | |
| | 10.1 | |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.2 | |
| | 10.2 | |
| | 10.2 | |
| 12+00 | 10.2 | |
| | 10.3 | |
| | 10.3 | |

| Dist | Sound | Elev |
|---|---|---|
| 24 | 10.3 | |
| | 10.3 | |
| 50 | 10.4 | |
| 2:20 | 10.5 | |
| | 10.5 | |
| | 10.4 | |
| | 10.3 | |
| 13+00 | 10.1 | |
| | 10.1 | |
| | 10.0 | |
| | 10.0 | L. |
| | 10.1 | 0. |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.2 | |
| | 10.2 | |
| | 10.2 | |
| 14+00 | 10.2 | |
| | 10.2 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.1 | |

STA. N. 119+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| 20 | 10.1 | |
| | 10.1 | |
| 15+00 | 10.1 | |
| | 10.1 | |
| | 10.0 | |
| | 9.9 | |
| | 9.6 | |
| 50 | 9.5 | |
| | 9.6 | |
| | 9.9 | |
| | 10.0 | |
| | 10.1 | L. |
| | | 0. |
| 16+00 | 10.4 | |
| | 10.4 | |
| | 10.4 | |
| | 10.4 | |
| | 10.5 | |
| 50 | 10.7 | |
| | 10.8 | |
| | 10.8 | |
| | 10.9 | |
| | 10.6 | |
| 17+00 | 10.8 | |
| | 10.8 | |
| | 10.5 | |



| Dist | Sound | Elev |
|---|---|---|
| 25 | 10.5 | |
| | 10.5 | |
| 50 | 10.5 | |
| | 10.6 | |
| | 10.7 | |
| 2:25 | 10.8 | |
| | 10.9 | |
| 18+00 | 10.8 | |
| | 10.9 | |
| | 11.0 | |
| | 11.1 | |
| | 11.2 | L. |
| 50 | 11.3 | 0. |
| | 11.4 | |
| | 11.5 | |
| | 11.6 | |
| | 11.3 | |
| 19+00 | 10.4 | |
| | 9.8 | |
| | 9.9 | |
| | 10.3 | |
| | 10.4 | |
| 50 | 10.6 | |
| | 10.7 | |
| | 10.8 | |

STA. N. 119+50 - EAST 11-10-59

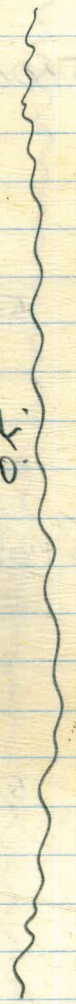
| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (25) | 10.9 | | (26) | 10.3 | |
| | 10.9 | | | 10.3 | |
| 20+00 | 10.8 | | 50 | 10.1 | |
| | 10.8 | | | 10.2 | |
| | 10.7 | | | 10.2 | |
| | 10.7 | | | 10.1 | |
| | 10.7 | | | 10.1 | |
| 50 | 10.8 | | 23+00 | 10.2 | |
| | 10.9 | | 2:30 | 10.2 | |
| | 11.1 | | | 10.2 | |
| | 11.2 | | | 9.9 | |
| | 11.3 | 0 | | 9.7 | |
| 21+00 | 11.3 | | 50 | 9.8 | |
| | 11.5 | | | 9.4 | 6.8 |
| | 11.8 | | | 9.2 | 6.6 |
| | 11.9 | | | 9.3 | 6.7 |
| | 11.9 | | | 9.3 | 6.7 |
| 50 | 11.9 | | 24+00 | 9.6 | 7.0 |
| | 12.1 | | | 10.0 | |
| | 12.1 | | | 11.4 | |
| | 12.2 | | | 12.3 | |
| | 12.4 | | | 12.4 | |
| 22+00 | 11.3 | | 50 | 12.2 | |
| | 10.4 | | | 12.3 | |
| | 10.3 | | | 12.6 | |
| | | | | 12.5 | |
| | | | | 12.3 | |
| | | | 25+00 | 12.1 | |



11-12-59

STA. N. 138+50; 0+00 = W 16860; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | (49) | 12.2 | |
| (49) | 0.4 | +4.5 | 50 | 12.3 | |
| | 1.0 | +3.9 | | 12.5 | |
| 9:17 | 1.6 | +3.3 | 9:20 | 12.6 | |
| | 2.2 | +2.7 | | 12.4 | |
| 50 | 2.7 | +2.2 | | 12.4 | |
| | 3.4 | +1.5 | 3+00 | 12.3 | |
| | 5.2 | 0.3 | | 12.5 | |
| | 6.3 | 1.4 | | 12.8 | |
| | 6.2 | 1.3 | | 13.1 | |
| 1+00 | 6.4 | 1.5 | | 13.1 | |
| | 6.1 | 1.2 | 50 | 13.2 | |
| | 5.3 | 0.4 | | 13.9 | |
| | 4.5 | +0.4 | | 14.2 | |
| | 3.5 | +1.4 | | 14.2 | |
| 50 | 3.1 | +1.8 | | 14.5 | |
| | 3.1 | +1.8 | 4+00 | 14.6 | |
| | 3.2 | +1.7 | | 14.9 | |
| | 3.3 | +1.6 | | 14.9 | |
| | 4.2 | +0.7 | | 14.6 | |
| 2+00 | 5.9 | 1.0 | | 12.2 | |
| | 11.7 | 6.8 | 50 | 11.3 | 6.4 |
| | 12.2 | 7.3 | | 11.4 | 6.5 |
| | 12.1 | 7.2 | | 11.5 | 6.6 |



STA. N 138+50 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 11.6 | 6.7 |
| | 11.7 | 6.8 |
| 5+00 | 11.8 | 6.9 |
| | 11.9 | 7.0 |
| | 12.2 | |
| | 12.1 | |
| | 12.1 | |
| 50 | 12.3 | |
| | 12.2 | |
| | 12.3 | |
| | 12.3 | |
| | 12.4 | |
| 6+00 | 12.4 | |
| | 12.6 | |
| | 12.7 | |
| | 12.7 | |
| | 13.0 | |
| 50 | 14.0 | |
| | 14.0 | |
| | 14.0 | |
| | 13.7 | |
| | 13.6 | |
| 7+00 | 13.9 | |
| | 13.2 | |
| | 13.2 | |

O.K.

| Dist | Sound | Elev |
|---|---|---|
| | 13.3 | |
| (4.8) | 13.3 | |
| 50 | 13.4 | |
| | 13.5 | |
| 9:25 | 13.5 | |
| | 13.4 | |
| | 13.4 | |
| 8+00 | 13.6 | |
| | 13.7 | |
| | 13.5 | |
| | 13.4 | |
| | 13.8 | |
| 50 | 13.7 | |
| | 13.7 | |
| | 13.6 | |
| | 13.4 | |
| | 13.4 | |
| 9+00 | 13.5 | |
| | 13.3 | |
| | 13.0 | |
| | 13.1 | |
| | 13.1 | |
| 50 | 13.1 | |
| | 13.2 | |
| | 13.2 | |

O.K.

STA. N 138+50 - WEST (25)

| Dist | Sound | Elev |
|---|---|---|
| | 13.3 | |
| | 13.3 | |
| 10+00 | 13.3 | |
| | 13.3 | |
| | 13.2 | |
| | 13.2 | |
| | 13.2 | |
| 50 | 14.2 | |
| | 13.2 | |
| | 13.1 | |
| | 13.2 | |
| | 13.1 | |
| 11+00 | 13.2 | |
| | 13.2 | |
| | 13.1 | |
| | 13.1 | |
| | 13.2 | |
| 50 | 13.2 | |
| | 13.3 | |
| | 13.5 | |
| | 13.2 | |
| | 13.0 | |
| 12+00 | 13.0 | |
| | 12.2 | |
| | 13.2 | |

O.K.

| Dist | Sound | Elev |
|---|---|---|
| | 13.2 | |
| | 13.1 | |
| 50 | 12.9 | |
| | 12.9 | |
| (4.6) | 12.9 | |
| | 13.1 | |
| 9:30 | 13.0 | |
| 13+00 | 13.1 | |
| | 13.0 | |
| | 13.0 | |
| | 13.0 | |
| | 12.9 | |
| 50 | 12.9 | |
| | 13.1 | |
| | 12.8 | |
| | 12.4 | |
| | 12.9 | |
| 14+00 | 12.9 | |
| | 12.9 | |
| | 12.7 | |
| | 13.3 | |
| | 13.9 | |
| 50 | 12.8 | |
| | 13.0 | |
| | 13.2 | |

O.K.

STA. N138+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 13.1 | |
| | 13.2 | |
| 15+00 | 13.1 | |
| | 12.9 | |
| | 13.1 | |
| | 13.9 | |
| | 14.2 | |
| 50 | 14.0 | |

11-12-59



STA. N139+00; 0+00 = W. 16880; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | | 12.2 | |
| (4.5) | 0.1 | +4.4 | 50 | 12.2 | |
| | 0.6 | +3.9 | | 12.1 | |
| 9:42 | 1.2 | +3.3 | | 12.1 | |
| | 1.9 | +2.6 | (4.4) | 12.1 | |
| 50 | 2.3 | +2.2 | | 12.2 | |
| | 3.8 | +0.7 | 3+00 | 12.2 | |
| | 5.2 | 0.7 | 9:45 | 12.3 | |
| | 5.9 | 1.4 | | 12.6 | |
| | 6.4 | 1.9 | | 13.0 | |
| 1+00 | 6.1 | 1.6 | | 13.1 | |
| | 5.7 | 1.2 | 50 | 13.2 | |
| | 5.0 | 0.5 | | 13.5 | |
| | 4.0 | +0.5 | | 13.7 | |
| | 2.7 | +1.8 | | 14.0 | |
| 50 | 2.6 | +1.9 | | 14.0 | |
| | 2.5 | +20 | 4+00 | 14.0 | |
| | 2.6 | +1.9 | | 13.8 | |
| | 2.9 | +1.6 | | 13.8 | |
| | 4.0 | +0.5 | | 14.0 | |
| 2+00 | 6.5 | 2.0 | | 13.5 | |
| | 10.4 | 5.9 | 50 | 13.0 | |
| | 12.1 | 7.6 | | 11.1 | 6.7 |
| | 12.2 | 7.7 | | 11.0 | 6.6 |

STA N. 139+00 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 11.2 | 6.8 |
| | 11.9 | 7.5 |
| 5+00 | 12.5 | 8.1 |
| | 11.0 | 6.6 |
| | 11.2 | 6.8 |
| | 11.4 | 7.0 |
| | 11.7 | 7.3 |
| 50 | 11.9 | |
| | 11.9 | |
| | 11.8 | |
| | 12.0 | |
| | 12.0 | |
| 6+00 | 12.0 | |
| | 12.0 | |
| | 12.0 | |
| | 12.0 | |
| | 12.0 | |
| 50 | 12.1 | |
| | 12.3 | |
| | 12.5 | |
| | 12.6 | |
| | 12.7 | |
| 7+00 | 12.9 | |
| | 13.0 | |
| | 13.0 | |

| Dist | Sound | Elev |
|---|---|---|
| (4.3) | 13.0 | |
| | 13.0 | |
| 50 | 13.0 | |
| 9;50 | 13.0 | |
| = | 13.0 | |
| | 13.0 | |
| | 13.2 | |
| 8+00 | 13.5 | |
| | 13.5 | |
| | 13.5 | |
| | 13.5 | |
| | 13.5 | |
| 50 | 13.5 | |
| | 13.5 | |
| | 13.4 | |
| | 13.5 | |
| | 13.5 | |
| 9+00 | 13.5 | |
| | 13.4 | |
| | 13.3 | |
| | 13.2 | |
| | 13.4 | |
| 50 | 13.5 | |
| | 13.5 | |
| | 13.5 | |

OK.

STA. N. 139+00 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 13.5 | |
| | 13.5 | |
| 10+00 | 13.5 | |
| | 13.5 | |
| | 13.5 | |
| | 13.4 | |
| | 13.4 | |
| 50 | 13.4 | |
| | 13.5 | |
| | 13.3 | |
| | 13.2 | |
| | 13.0 | |
| 11+00 | 13.0 | |
| | 13.0 | |
| | 13.0 | |
| | 12.9 | |
| | 12.9 | |
| 50 | 12.9 | |
| | 12.9 | |
| | 13.0 | |
| | 13.0 | |
| | 13.0 | |
| 12+00 | 13.0 | |
| | 13.0 | |
| | 13.0 | |

OK.



| Dist | Sound | Elev |
|---|---|---|
| | 13.0 | |
| (4.2) | 13.0 | |
| 50 | 12.9 | |
| 9;55 | 12.9 | |
| = | 12.8 | |
| | 12.8 | |
| | 13.1 | |
| 13+00 | 13.3 | |
| | 13.5 | |
| | 13.5 | |
| | 13.5 | |
| | 13.4 | |
| 50 | 13.3 | |
| | 13.4 | |
| | 13.3 | |
| 80 | 13.3 | |

OK.

11-12-59

STA. N.139+50; 0+00 = W/6520?; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | 0.1 | | | 11.5 | |
| | 0.6 | | 50 | 11.4 | |
| (38) | 1.1 | | | 11.4 | |
| 10:09 | 1.6 | | | 11.4 | |
| | 2.9 | | | 11.5 | |
| 50 | 4.6 | | | 11.8 | |
| | 5.1 | | 3+00 | 11.9 | |
| | 5.2 | | | 12.0 | |
| | 5.6 | | | 12.2 | |
| | 4.9 | | | 12.4 | |
| 1+00 | 4.0 | | | 12.9 | |
| | 2.4 | | 50 | 13.2 | |
| | 1.9 | | | 13.3 | |
| | 2.0 | | | 13.6 | |
| | 1.9 | | | 13.6 | |
| 50 | 2.0 | | | 13.4 | |
| | 2.1 | | 4+00 | 13.5 | |
| | 2.1 | | | 13.6 | |
| | 3.5 | | | 13.7 | |
| | 8.3 | | | 13.8 | |
| 2+00 | 11.4 | | | 13.9 | |
| | 11.9 | O.K. | 50 | 14.1 | |
| | 11.8 | | | 14.1 | |
| | 11.6 | | | 14.1 | |

STA. N.139+50 - WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| | 14.2 | | | 14.7 | |
| | 14.2 | O.K. | | 14.1 | |
| 5+00 | 14.0 | | 50 | 13.8 | |
| | 11.7 | | | 13.8 | |
| (37) | 10.5 | 6.8 | | 13.9 | |
| | 11.8 | | | 13.7 | |
| | 12.0 | | | 13.6 | |
| 50 | 12.1 | | 8+00 | 14.1 | |
| | 12.7 | | | 14.4 | |
| 10:15 | 12.1 | | | 14.7 | |
| | 13.5 | | | 14.7 | |
| | 13.1 | | | 14.8 | |
| 6+00 | 11.9 | | 50 | 15.1 | O.K. |
| | 13.5 | O.K. | | 15.0 | |
| | 12.8 | | | 15.0 | |
| | 12.3 | | | 15.1 | |
| | 12.2 | | | 14.8 | |
| 50 | 13.1 | | 9+00 | 15.2 | |
| | 14.1 | | | 14.9 | |
| | 14.3 | | | 14.1 | |
| | 14.3 | | | 13.7 | |
| | 14.4 | | | 14.2 | |
| 7+00 | 14.5 | | 50 | 13.1 | |
| | 14.6 | | | 14.5 | |
| | 14.7 | | | 14.4 | |

STA. N. 139+50 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 14.5 | |
| | 14.4 | |
| 10+00 | 14.2 | |
| | 14.2 | |
| (3.6) | 14.2 | |
| 10:20 | 14.2 | |
| | 14.1 | |
| 50 | 14.1 | |
| | 14.5 | |
| | 14.2 | |
| | 15.3 | |
| | 14.7 | |
| 11+00 | 14.2 | |
| | 14.6 | |
| | 14.8 | |
| | 15.1 | |
| | 14.3 | |
| 50 | 15.6 | |
| | 14.3 | |
| | 14.1 | |
| | 13.4 | |
| | 15.3 | |
| 12+00 | 15.0 | |
| | 15.1 | |
| | 15.0 | |

| Dist | Sound | Elev |
|---|---|---|
| | 14.3 | |
| | 14.3 | |
| 50 | 14.0 | |
| | 12.1 | |
| | 13.2 | |
| | 12.5 | |
| | 12.1 | |
| 13+00 | 12.3 | |
| | 12.9 | |
| | 12.1 | |
| | 13.0 | |
| | 12.9 | |
| 50 | 12.9 | |
| | 12.7 | |
| | 12.9 | |
| | 12.8 | |
| | 14.1 | |
| 14+00 | 14.3 | |
| | 14.3 | |
| | 13.6 | |
| | 14.2 | |
| | 13.7 | |
| 50 | 13.3 | |
| | 12.9 | |
| 70 | 13.7 | |

11-12-59

STA. N. 140+00; 0+00 = W 16940; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| | 0.0 | +3.3 |
| (3.3) | 0.5 | +2.8 |
| 10:36 | 1.1 | +2.2 |
| | 2.3 | +1.0 |
| 50 | 4.0 | 0.7 |
| | 4.5 | 1.2 |
| | 5.0 | 1.7 |
| | 4.8 | 1.5 |
| | 4.3 | 1.0 |
| 1+00 | 3.3 | 0.0 |
| | 1.7 | +1.6 |
| | 1.3 | +2.0 |
| | 1.3 | +2.0 |
| | 1.4 | +1.9 |
| 50 | 1.4 | |
| | 1.4 | |
| | 1.5 | +1.8 |
| | 1.4 | +1.9 |
| | 1.6 | +1.7 |
| 2+00 | 3.1 | +0.2 |
| | 5.6 | 2.8 |
| | 9.2 | 5.9 |
| | 10.5 | 7.2 |

| Dist | Sound | Elev |
|---|---|---|
| | 10.4 | 7.1 |
| 50 | 10.3 | 7.0 |
| | 10.3 | 7.0 |
| | 10.5 | 7.2 |
| | 10.6 | 7.3 |
| | 10.7 | 7.4 |
| 3+00 | 11.0 | 7.7 |
| | 11.2 | 7.9 |
| | 11.9 | 8.6 |
| | 12.0 | 8.7 |
| | 12.5 | 9.2 |
| 50 | 13.0 | 9.7 |
| | 13.1 | 9.8 |
| | 13.3 | 10.0 |
| | 13.2 | 9.9 |
| | 13.2 | 9.9 |
| 4+00 | 13.4 | 10.1 |
| | 13.6 | 10.3 |
| | 13.9 | 10.6 |
| | 13.8 | 10.5 |
| | 13.7 | 10.4 |
| 50 | 14.0 | 10.7 |
| | 14.0 | |
| | 14.0 | |

STA. N 140+00 - WEST 11-12-59

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| | 13.5 | 10.3 | | 13.4 | 10.2 |
| (3.2) | 13.4 | 10.2 | | 13.3 | 10.1 |
| 5+00 | 13.2 | 10.0 | 50 | 13.1 | 9.9 |
| 10:40 | 12.9 | 9.7 | | 13.1 | 9.9 |
| | 12.7 | 9.5 | | 13.0 | 9.8 |
| | 12.3 | 9.1 | | 13.0 | 9.8 |
| | 12.5 | 9.3 | | 13.1 | 9.9 |
| 50 | 12.4 | 9.2 | 8+00 | 13.3 | 10.1 |
| | 12.7 | 9.5 | | 13.7 | 10.5 |
| | 13.2 | 10.0 | | 14.0 | 10.8 |
| | 13.5 | 10.3 | | 14.0 | 10.8 |
| | 13.3 | 10.1 | | 14.2 | 11.0 |
| 6+00 | 13.0 | 9.8 | 50 | 14.5 | 11.3 |
| | 12.7 | 9.5 | | 13.9 | 10.7 |
| | 12.1 | 8.9 | | 14.0 | 10.8 |
| | 12.0 | 8.8 | | 14.2 | 11.0 |
| | 12.0 | 8.8 | | 14.3 | 11.1 |
| 50 | 12.4 | 9.2 | 9+00 | 14.2 | 11.0 |
| | 13.0 | 9.8 | | 13.9 | 10.7 |
| | 13.1 | 9.9 | | 14.0 | 10.8 |
| | 13.1 | } | | 13.9 | 10.7 |
| | 13.1 | } | | 13.9 | 10.7 |
| 7+00 | 13.3 | 10.1 | 50 | 14.0 | 10.8 |
| | 13.3 | } | | 14.0 | 10.8 |
| | 13.3 | } | | 13.7 | 10.5 |

STA. N. 140+00 - WEST



| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| | 13.2 | 10.1 | | 14.7 | 11.6 |
| (3.1) | 13.3 | 10.2 | | 12.3 | 9.2 |
| 10+00 | 13.6 | 10.5 | 50 | 12.0 | 8.9 |
| 10:45 | 13.3 | 10.2 | | 13.0 | 9.9 |
| | 13.3 | 10.2 | | 11.2 | 8.1 |
| | 13.4 | 10.3 | | 11.2 | 8.1 |
| | 13.2 | 10.1 | | 12.0 | 8.9 |
| 50 | 13.4 | 10.3 | 13+00 | 11.5 | 8.4 |
| | 13.2 | 10.1 | | 12.0 | 8.9 |
| | 13.4 | 10.3 | (3.0) | 11.8 | 8.7 |
| | 13.5 | 10.4 | 10:50 | 11.9 | 8.8 |
| | 13.2 | 10.1 | | 12.0 | 8.9 |
| 11+00 | 13.3 | 10.2 | 50 | 12.0 | } |
| | 13.0 | 9.9 | | 12.0 | } |
| | 13.3 | 10.2 | | 12.0 | } |
| | 14.9 | 11.8 | | 13.1 | 10.0 |
| | 15.0 | 11.9 | | 13.4 | 10.3 |
| 50 | 14.0 | 10.9 | 14+00 | 13.0 | 9.9 |
| | 14.3 | 11.2 | 10 | 13.0 | 9.9 |
| | 13.5 | 10.4 | | | |
| | 14.5 | 11.4 | | | |
| | 14.3 | 11.2 | | | |
| 12+00 | 14.4 | 11.3 | | | |
| | 14.0 | 10.9 | | | |
| | 13.5 | 10.4 | | | |

11-12-59

STA. N. 122+50; 0+00 = W 16,490; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| | 0.2 | |
| (2.3) | 0.6 | |
| 11:25 | 1.4 | |
| | 3.0 | |
| 50 | 4.2 | |
| | 4.6 | |
| | 5.0 | |
| | 4.9 | |
| | 4.3 | |
| 1+00 | 4.2 | |
| | 4.2 | |
| | 3.6 | |
| | 4.3 | |
| | 11.1 | |
| 50 | 13.1 | |
| | 12.9 | |
| | 13.1 | |
| | 13.1 | |
| | 13.0 | |
| 2+00 | 13.1 | |
| | 13.2 | |
| | 13.1 | |
| | 13.1 | |
| | | |
| | 12.8 | |
| 50 | 12.7 | |
| | 12.4 | |
| | 12.3 | |
| | 12.2 | |
| | 11.9 | |
| 3+00 | 12.0 | |
| | 12.2 | |
| | 12.2 | |
| | 12.2 | |
| | 12.5 | |
| 50 | 12.7 | |
| | 12.6 | |
| | 11.0 | |
| | 10.3 | |
| (2.2) | 10.7 | |
| 4+00 | 10.4 | |
| 11:30 | 9.0 | 6.8 |
| | 9.1 | 6.9 |
| | 9.8 | |
| | 9.6 | |
| 50 | 9.3 | |
| | 9.4 | |
| | 9.4 | |

STA. N. 122+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 9.3 | |
| | 9.5 | |
| 5+00 | 10.1 | |
| | 10.2 | |
| | 10.1 | |
| | 9.8 | |
| | 10.0 | |
| 50 | 9.9 | |
| | 9.9 | |
| | 9.7 | |
| | 10.1 | |
| | 10.4 | |
| 6+00 | 11.3 | |
| | 11.2 | |
| | 11.2 | |
| | 11.2 | |
| | 11.2 | |
| 50 | 11.1 | |
| | 10.3 | |
| | 9.8 | |
| | 9.6 | |
| 7+00 | 9.3 | |
| | 9.2 | 7.0 |
| | 9.3 | |
| | 9.6 | |
| | 9.9 | |
| | 10.1 | |
| | 10.1 | |
| | 10.4 | |
| | 10.4 | |
| (2.2) | 10.3 | |
| 8+00 | 10.3 | |
| 11:35 | 10.3 | |
| | 10.2 | |
| | 10.2 | |
| | 10.3 | |
| 50 | 10.0 | |
| | 9.7 | |
| | 9.8 | |
| | 10.0 | |
| | 10.5 | |
| 9+00 | 11.2 | |
| | 11.1 | |
| | 11.1 | |
| | 11.0 | |
| 50 | 11.4 | |
| | 11.8 | |
| | 11.8 | |
| | 11.6 | |

STA. N. 122+50 - WEST - 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 11.4 | |
| | 11.3 | |
| 10+00 | 11.3 | |
| | 12.1 | |
| | 11.6 | |
| | 11.3 | |
| | 11.8 | |
| 50 | 11.3 | |
| | 11.2 | |
| | 11.0 | |
| | 10.9 | |
| | 10.7 | O.K. |
| 11+00 | 10.6 | |
| | 10.5 | |
| | 10.2 | |
| | 10.2 | |
| | 10.2 | |
| 50 | 10.6 | |
| | 10.7 | |
| | 10.9 | |
| | 11.0 | |
| | 11.2 | |
| 12+00 | 11.3 | |
| | 10.8 | |
| | 10.7 | |
| | 11.3 | |
| 50 | 11.2 | |
| | 11.3 | |
| | 11.0 | |
| | 11.5 | |
| | 11.3 | |
| | 11.5 | |
| 13+00 | 11.6 | |
| | 11.7 | |
| | 11.6 | |
| | 10.5 | O.K. |
| | 10.8 | |
| 50 | 10.3 | |
| | 10.4 | |
| | 10.9 | |
| | 11.0 | |
| | 11.0 | |
| 14+00 | 11.2 | |
| | 11.6 | |
| | 11.6 | |
| | 12.0 | |
| 50 | 11.8 | |
| 60 | 11.5 | |
| | 11.5 | |
| | 11.3 | |

2.1

11:40

STA. N. 122+50 - WEST



| Dist | Sound | Elev |
|---|---|---|
| | 11.2 | |
| | 11.2 | |
| 15+00 | 11.1 | |
| | 10.8 | |
| | 10.8 | |
| | 10.6 | |
| | 10.2 | |
| 50 | 10.2 | |
| | 10.1 | |
| | 10.2 | |
| | 10.8 | O.K. |
| | 10.7 | |
| 16+00 | 10.7 | |
| | 10.6 | |
| | 10.5 | |
| | 10.4 | |
| | 10.5 | |
| 50 | 10.5 | |
| | 10.4 | |
| | 10.4 | |
| | 10.3 | |
| | 10.3 | |
| 17+00 | 10.3 | |
| | 10.3 | |
| | 10.3 | |
| | 10.4 | |
| 50 | 10.2 | |
| | 10.0 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| 18+00 | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| 19+00 | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 9.9 | |
| 50 | 9.9 | |
| | 9.8 | |
| | 9.9 | |

2.0

11:45

O.K.

STA. N122+50 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 9.9 | |
| | 9.9 | |
| 20+00 | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.0 | |
| | 9.9 | |
| 21+00 | 9.6 | |
| | 9.7 | |
| | 9.9 | |
| | 10.0 | |
| | 9.8 | |
| 50 | 9.7 | |
| | 9.8 | |
| | 9.6 | |
| | 9.4 | |
| | 9.3 | |
| 122+00 | 9.7 | |
| | 10.1 | |
| | 10.1 | |

| Dist | Sound | Elev |
|---|---|---|
| | 11.2 | |
| | 12.9 | |
| 50 | 12.8 | |
| | 13.0 | |
| | 12.9 | |
| | 12.7 | |
| | 12.0 | |
| 23+00 | 11.8 | |
| | 11.0 | |
| | 11.2 | |
| | 11.2 | |
| | 11.3 | |
| 50 | 11.2 | |
| | 11.9 | |
| | 11.2 | |
| | 10.2 | |
| | 10.1 | |
| 24+00 | 10.3 | |
| | 11.2 | |
| | 11.8 | |
| | 11.9 | |
| | 11.9 | |
| 50 | 11.7 | |
| | 11.5 | |
| | 11.7 | |

STA. N122+00 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 11.7 | |
| | 11.8 | |
| 25+00 | 12.0 | |
| | 12.0 | |
| | 11.2 | |
| | 10.9 | |
| | 10.8 | |
| 50 | 10.2 | |
| | 6.3 | 4.4 |
| | 5.8 | 3.9 |
| | 5.2 | 3.3 |
| | 3.9 | 2.0 |
| W19090 26+00 | 2.3 | 0.4 |

11-12-59

STA. N 123+00; 0+00 = W 16,490; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| | | |
| (1.1) | | |
| 1:27 | 1.0 | |
| | 3.2 | |
| 50 | 4.5 | |
| | 4.5 | |
| | 4.6 | |
| | 3.4 | |
| | 2.6 | |
| 1+00 | 2.4 | |
| | 2.2 | |
| | 2.0 | |
| | 2.0 | |
| | 4.6 | |
| 50 | 9.4 | |
| | 10.3 | |
| | 10.5 | |
| | 10.5 | |
| | 9.7 | |
| 2+00 | 8.3 | |
| | 8.3 | |
| | 8.0 | 6.9 |
| | 8.5 | 7.4 |

| Dist | Sound | Elev |
|---|---|---|
| | 8.7 | |
| (1.1) 50 | 9.4 | |
| 1:30 | 8.6 | |
| | 9.0 | |
| | 9.0 | |
| | 9.0 | |
| 3+00 | 9.1 | |
| | 9.1 | |
| | 9.1 | |
| | 9.0 | |
| | 9.0 | |
| 50 | 9.2 | |
| | 9.3 | |
| | 9.5 | |
| | 9.6 | |
| | 9.6 | |
| 4+00 | 9.5 | |
| | 9.5 | |
| | 9.5 | |
| | 9.4 | |
| | 9.7 | |
| 50 | 9.5 | |
| | 9.5 | |
| | 9.6 | |

O.K.

O.K.

STA. N 123+00 - WEST

(34)

| Dist | Sound | Elev |
|---|---|---|
| | 9.7 | |
| | 9.7 | |
| 5+00 | 9.5 | |
| | 9.5 | |
| | 9.6 | |
| | 9.5 | |
| | 9.4 | |
| 50 | 9.4 | |
| | 9.3 | |
| | 9.2 | |
| | 9.0 | |
| (1.1) | 9.0 | |
| 6+00 | 9.0 | |
| 1:35 | 9.3 | |
| | 9.5 | |
| | 9.6 | |
| | 9.6 | |
| 50 | 9.5 | |
| | 9.4 | |
| | 9.3 | |
| | 9.1 | |
| | 9.0 | |
| 7+00 | 9.0 | |
| | 9.2 | |
| | 9.4 | |

O.K.

| Dist | Sound | Elev |
|---|---|---|
| | 9.6 | |
| | 10.0 | |
| 50 | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| | 10.0 | |
| | 10.1 | |
| 8+00 | 10.2 | |
| | 10.2 | |
| | 10.0 | |
| | 9.9 | |
| | 9.5 | |
| 50 | 9.2 | |
| | 9.0 | |
| | 8.7 | |
| | 8.3 | |
| | 8.3 | |
| 9+00 | 8.2 | |
| | 9.3 | |
| | 9.6 | |
| | 9.7 | |
| | 9.6 | |
| 50 | 9.2 | |
| | 9.8 | |
| | 10.1 | |

O.K.

STA. N. 123+00 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 10.1 | |
| (1.1) | 10.1 | |
| 10+00 | 10.2 | |
| 1:40 | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| | 9.8 | |
| 50 | 9.5 | |
| | 9.4 | |
| | 9.4 | |
| | 9.3 | O.K. |
| | 9.2 | |
| 11+00 | 9.2 | |
| | 9.2 | |
| | 9.2 | |
| | 9.1 | |
| | 9.0 | |
| 50 | 9.2 | |
| | 9.3 | |
| | 9.4 | |
| | 9.3 | |
| | 9.6 | |
| 12+00 | 9.5 | |
| | 9.8 | |
| | 9.9 | |
| | 9.8 | |
| | 9.8 | |
| 50 | 9.8 | |
| | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| | 10.2 | |
| 13+00 | 10.3 | |
| | 10.5 | |
| | 10.6 | |
| | 10.6 | O.K. |
| | 9.5 | |
| 50 | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| | 10.3 | |
| | 10.5 | |
| 14+00 | 11.0 | |
| | 11.0 | |
| | 11.0 | |
| | 11.0 | |
| | 10.9 | |
| 50 | 10.8 | |
| | 10.7 | |
| | 10.4 | |

STA. N. 123+00 - WEST



| Dist | Sound | Elev |
|---|---|---|
| | 10.3 | |
| (1.1) | 10.2 | |
| 15+00 | 10.1 | |
| 1:45 | 10.0 | |
| | 9.6 | |
| | 9.7 | |
| | 10.0 | |
| 50 | 10.1 | |
| | 10.2 | |
| | 10.3 | |
| | 10.5 | O.K. |
| | 10.4 | |
| 16+00 | 10.3 | |
| | 10.2 | |
| | 10.2 | |
| | 10.3 | |
| | 10.2 | |
| 50 | 10.1 | |
| | 10.0 | |
| | 10.0 | |
| | 10.1 | |
| | 10.1 | |
| 17+00 | 10.0 | |
| | 9.9 | |
| | 9.4 | |
| | 9.4 | |
| | 9.5 | |
| 50 | 9.5 | |
| | 9.3 | |
| | 9.3 | |
| | 9.6 | |
| | 9.7 | |
| 18+00 | 9.8 | |
| | 9.8 | |
| | 9.7 | |
| | 9.6 | |
| | 9.5 | O.K. |
| 50 | 9.6 | |
| | 9.6 | |
| | 9.7 | |
| | 9.8 | |
| | 9.7 | |
| 19+00 | 9.0 | |
| | 9.3 | |
| | 9.4 | |
| | 9.5 | |
| | 9.7 | |
| 50 | 9.5 | |
| | 9.3 | |
| | 9.6 | |

STA. N. 123+00 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 9.4 | |
| (1.1) | 9.4 | |
| 20+00 | 9.7 | |
| 1;50 | 9.8 | |
| ≈ | 9.8 | |
| | 9.6 | |
| | 9.4 | |
| 50 | 9.2 | |
| | 9.8 | |
| | 10.6 | |
| | 10.0 | |
| | 10.0 | |
| 21+00 | 11.0 | |
| | 11.2 | |
| | 11.2 | |
| | 11.0 | |
| | 10.7 | |
| 50 | 11.1 | |
| | 11.0 | |
| | 11.1 | |
| | 11.0 | |
| | 10.5 | |
| 22+00 | 9.5 | |
| | 9.7 | |
| | 10.2 | |

| Dist | Sound | Elev |
|---|---|---|
| | 10.6 | |
| (1.1) | 11.0 | |
| 50 | 10.9 | |
| 1;55 | 10.0 | |
| ≈ | 9.7 | |
| | 9.7 | |
| | 10.0 | |
| 23+00 | 10.5 | |
| | 10.7 | |
| | 10.9 | |
| | 10.8 | |
| | 11.0 | |
| 50 | 11.1 | |
| | 11.0 | |
| | 10.8 | |
| | 10.6 | |
| | 10.6 | |
| 24+00 | 10.3 | |
| | 10.1 | |
| | 10.0 | |
| | 10.0 | |
| | 10.0 | |
| 50 | 10.1 | |
| | 10.2 | |
| | 10.1 | |

STA. N. 123+00 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 10.0 | |
| | 9.1 | |
| 25+00 | 9.0 | |
| | 10.0 | |
| | 10.1 | |
| | 7.0 | 5.9 |
| | 4.1 | 3.0 |
| 50 | 3.3 | 2.2 |
| | 2.8 | 1.7 |
| W19060 | 1.5 | 0.4 |
| | | |
| | | |
| 26+00 | | |

11-12-59

STA. N. 123+50; 0+00 = W 16,510; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| | 1.0 | |
| (1.1) | 3.2 | |
| 2;17 | 4.4 | |
| | 4.9 | |
| 50 | 4.7 | |
| | 4.2 | |
| | 3.2 | |
| | 1.8 | |
| | 1.8 | |
| 1+00 | 1.5 | |
| | 1.9 | |
| | 1.5 | |
| | 1.6 | |
| | 3.0 | |
| 50 | 7.2 | |
| | 7.2 | |
| | 7.2 | |
| | 8.2 | |
| | 8.7 | |
| 2+00 | 8.4 | |
| | 8.5 | OK |
| | 8.8 | |
| | 8.8 | |
| | 9.0 | |
| 50 | 8.9 | |
| (1.2) | 8.8 | |
| 2;20 | 8.8 | |
| | 8.7 | |
| | 8.9 | |
| 3+00 | 9.0 | |
| | 9.6 | |
| | 9.3 | |
| | 9.0 | OK |
| | 9.0 | |
| 50 | 9.2 | |
| | 11.8 | |
| | 11.2 | |
| | 11.1 | |
| | 11.0 | |
| 4+00 | 11.1 | |
| | 10.6 | |
| | 9.9 | |
| | 10.1 | |
| | 10.0 | |
| 50 | 8.9 | |
| | 9.1 | |
| | 9.2 | |

STA. N. 123+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 8.6 | |
| | 8.8 | |
| 5+00 | 8.9 | |
| | 9.1 | |
| | 9.2 | |
| | 9.2 | |
| | 9.6 | |
| 50 | 9.9 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 9.9 | OK |
| 6+00 | 9.8 | OK |
| | 9.7 | |
| | 9.8 | |
| | 9.8 | |
| | 10.0 | |
| 50 | 9.5 | |
| | 9.2 | |
| | 8.9 | |
| | 8.9 | |
| | 8.9 | |
| 7+00 | 8.9 | |
| | 8.8 | |
| | 8.5 | |
| | 8.7 | |
| (1.2) | 8.7 | |
| 50 | 8.9 | |
| 2;25 | 8.9 | |
| | 9.1 | |
| | 9.4 | |
| | 9.6 | |
| 8+00 | 9.6 | |
| | 9.0 | |
| | 9.0 | |
| | 9.0 | |
| | 9.2 | |
| 50 | 9.3 | |
| | 9.0 | |
| | 8.5 | |
| | 8.4 | |
| | 8.1 | 6.9 |
| 9+00 | 8.6 | |
| | 9.5 | |
| | 9.9 | |
| | 9.9 | |
| | 9.8 | |
| 50 | 9.9 | |
| | 10.3 | |
| | 10.4 | |

STA. N. 123+50 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 10.3 | |
| | 10.2 | |
| 10+00 | 10.1 | |
| | 10.0 | |
| | 10.0 | |
| | 9.5 | |
| | 9.4 | |
| 50 | 9.6 | |
| | 9.2 | |
| | 9.2 | |
| | 9.2 | |
| | 9.3 | D.F. |
| 11+00 | 9.3 | |
| | 9.3 | |
| | 9.5 | |
| | 9.5 | |
| | 9.6 | |
| 50 | 9.5 | |
| | 9.6 | |
| | 9.0 | |
| | 9.4 | |
| | 9.0 | |
| 12+00 | 9.3 | |
| | 9.6 | |
| | 9.6 | |

| Dist | Sound | Elev |
|---|---|---|
| | 9.6 | |
| | 9.9 | |
| 50 | 10.0 | |
| (1.2) | 9.9 | |
| 2:30 | 9.8 | |
| | 9.4 | |
| | 9.7 | |
| 13+00 | 9.8 | |
| | 10.1 | |
| | 10.1 | |
| | 8.4 | |
| | 8.6 | D.F. |
| 50 | 8.7 | |
| | 8.8 | |
| | 8.9 | |
| | 9.0 | |
| | 9.2 | |
| 14+00 | 9.2 | |
| | 9.1 | |
| | 9.1 | |
| | 9.4 | |
| | 9.6 | |
| 50 | 9.7 | |
| | 9.8 | |
| | 9.8 | |



STA. N. 123+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 9.9 | |
| | 10.0 | |
| 15+00 | 10.0 | |
| | 8.9 | |
| | 8.9 | |
| | 8.9 | |
| | 9.1 | |
| 50 | 9.4 | |
| | 9.0 | |
| | 9.0 | |
| | 9.0 | |
| | 9.1 | D.F. |
| 16+00 | 8.9 | |
| | 8.9 | |
| | 8.9 | |
| | 8.7 | |
| | 8.7 | |
| 50 | 8.9 | |
| | 8.8 | |
| | 8.7 | |
| | 8.6 | |
| | 9.0 | |
| 17+00 | 9.1 | |
| | 9.1 | |
| | 9.2 | |

| Dist | Sound | Elev |
|---|---|---|
| | 9.1 | |
| | 9.0 | |
| 50 | 9.0 | |
| | 9.0 | |
| | 9.2 | |
| | 9.2 | |
| | 9.0 | |
| 18+00 | 9.0 | |
| | 8.9 | |
| | 8.7 | |
| | 8.4 | D.F. |
| (1.2) | 8.9 | |
| 50 | 9.5 | |
| 2:35 | 9.3 | |
| | 9.3 | |
| | 9.3 | |
| | 9.3 | |
| 19+00 | 9.4 | |
| | 9.4 | |
| | 9.4 | |
| | 9.3 | |
| | 9.2 | |
| 50 | 9.1 | |
| | 9.0 | |
| | 8.9 | |

STA. N. 123+50 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 8.8 | |
| | 8.8 | |
| 20+00 | 8.9 | |
| | 9.6 | |
| | 10.7 | |
| | 9.6 | |
| | 10.6 | |
| 50 | 10.3 | |
| | 10.3 | 0.4 |
| | 10.0 | |
| | 10.2 | |
| | 10.2 | |
| 21+00 | 10.0 | |
| | 10.0 | |
| | 9.9 | |
| | 9.2 | |
| | 8.2 | 7.0 |
| 50 | 8.6 | |
| | 8.7 | |
| | 8.9 | |
| | 8.9 | |
| | 8.9 | 0.4 |
| 22+00 | 9.0 | |
| | 9.2 | |
| | 10.3 | |
| | 11.0 | |
| | 11.2 | |
| 50 | 11.3 | |
| | 11.2 | |
| | 11.4 | |
| | 11.3 | |
| | 11.6 | |
| 23+00 | 11.6 | |
| | 11.7 | |
| | 11.7 | |
| | 11.6 | |
| | 11.3 | 0.5 |
| 50 | 11.4 | |
| | (1.3) | |
| | 2:40 | |
| | 11.2 | |
| | 11.1 | |
| | 11.1 | |
| 24+00 | 11.1 | |
| | 11.1 | |
| | 10.4 | |
| | 10.2 | |
| | 10.3 | |
| 50 | 10.4 | |
| | 10.4 | |
| | 10.4 | |

STA. N. 123+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 10.1 | |
| | 10.0 | |
| 25+00 | 10.0 | |
| | 9.9 | |
| | 3.9 | 2.6 |
| | 2.0 | 0.7 |
| 50 | | |
| 26+00 | | |

11-12-59

STA. N. 127+50; 0+00 = W 16600; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | | 9.0 | |
| | 0.1 | | 50 | 9.0 | |
| (1.6) | 0.5 | | | 9.0 | |
| 3:10 | 1.2 | | | 9.2 | |
| | 2.1 | | | 9.1 | |
| 50 | 3.2 | | | 9.3 | |
| | 3.0 | | 3+00 | 9.8 | |
| | 3.0 | | | 10.1 | |
| | 3.3 | | (1.6) | 10.9 | |
| | 5.6 | | 3:15 | 11.0 | |
| 1+00 | 6.9 | | | 10.9 | OK. |
| | 7.3 | | 50 | 10.8 | |
| | 7.4 | | | 10.6 | |
| | 7.5 | | | 10.4 | |
| | 7.6 | | | 10.3 | |
| 50 | 8.2 | | | 10.3 | |
| | 8.2 | | 4+00 | 9.2 | |
| | 8.3 | | | 9.9 | |
| | 8.5 | | | 9.9 | |
| | 8.6 | | | 9.8 | |
| 2+00 | 8.9 | | | 9.8 | |
| | 8.9 | OK. | 50 | 9.7 | |
| | 9.1 | | | 9.7 | |
| | 9.2 | | | 9.7 | |

STA. N. 127+50 - WEST

(40)

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| | 10.1 | | | 10.5 | |
| | 12.0 | | (1.7) | 10.5 | |
| 5+00 | 12.2 | | 50 | 10.5 | |
| | 10.0 | | 3:20 | 10.5 | |
| | 10.1 | | | 10.5 | |
| | 10.2 | | | 10.5 | |
| | 10.0 | | | 10.7 | |
| 50 | 10.2 | | 8+00 | 10.8 | |
| | 10.3 | | | 11.0 | |
| | 10.6 | | | 10.9 | |
| | 10.6 | OK. | | 11.0 | |
| | 10.4 | | | 10.9 | OK. |
| 6+00 | 10.6 | | 50 | 11.0 | |
| | 10.6 | | | 10.9 | |
| | 10.5 | | | 11.0 | |
| | 10.5 | | | 11.1 | |
| | 10.5 | | | 11.2 | |
| 50 | 10.5 | | 9+00 | 11.3 | |
| | 10.5 | | | 11.2 | |
| | 10.5 | | | 11.3 | |
| | 10.4 | | | 11.4 | |
| | 10.5 | | | 11.3 | |
| 7+00 | 10.5 | | 50 | 11.2 | |
| | 10.5 | | | 11.2 | |
| | 10.6 | | | 11.1 | |

STA. N. 127+50 - WEST 11-12-29

| Dist | Sound | Elev |
|---|---|---|
| | 11.1 | |
| | 11.2 | |
| 10+00 | 11.3 | |
| | 11.6 | |
| | 11.9 | |
| | 11.9 | |
| | 12.0 | |
| 50 | 11.9 | |
| | 11.8 | |
| | 11.3 | |
| | 10.6 | |
| | 10.5 | |
| 11+00 | 10.4 | |
| | 10.3 | |
| | 10.2 | |
| | 10.3 | |
| | 10.3 | |
| 50 | 10.3 | |
| | 10.3 | |
| | 10.3 | |
| | 10.4 | |
| | 10.5 | |
| 12+00 | 10.6 | |
| | 10.6 | |
| | 10.5 | |
| | 10.6 | |
| | 10.7 | |
| 50 | 10.6 | |
| (1.8) | 10.7 | |
| 3:25 | 10.3 | |
| | 10.3 | |
| | 10.2 | |
| 13+00 | 10.2 | |
| | 10.3 | |
| | 10.3 | |
| | 10.2 | |
| | 10.4 | |
| 50 | 10.5 | |
| | 10.5 | |
| | 10.5 | |
| | 10.5 | |
| | 10.4 | |
| 14+00 | 10.6 | |
| | 10.8 | |
| | 11.0 | |
| | 11.0 | |
| | 11.0 | |
| 50 | 11.1 | |
| | 11.1 | |
| | 11.1 | |

O/C

O/C



STA. N. 127+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| | 11.2 | |
| | 11.1 | |
| 15+00 | 11.0 | |
| | 10.8 | |
| | 11.0 | |
| | 11.1 | |
| | 10.9 | |
| 50 | 11.0 | |
| | 11.1 | |
| | 11.0 | |
| | 10.9 | |
| | 11.0 | |
| 16+00 | 11.0 | |
| | 10.9 | |
| | 11.0 | |
| | 11.0 | |
| | 11.0 | |
| 50 | 11.1 | |
| | 11.0 | |
| | 10.9 | |
| | 10.9 | |
| | 11.0 | |
| 17+00 | 11.1 | |
| | 11.2 | |
| | 11.3 | |
| | 11.4 | |
| (1.9) | 11.6 | |
| 50 | 12.0 | |
| 3:30 | 12.1 | |
| | 11.5 | |
| | 11.5 | |
| | 12.0 | |
| 18+00 | 11.6 | |
| | 11.7 | |
| | 11.8 | |
| | 11.8 | |
| | 11.6 | |
| 50 | 11.2 | |
| | 11.2 | |
| | 11.3 | |
| | 11.0 | |
| | 10.8 | |
| 19+00 | 10.8 | |
| | 11.0 | |
| | 11.0 | |
| | 10.5 | |
| | 9.2 | |
| 50 | 9.9 | |
| | 10.0 | |
| | 10.1 | |

O/C

O/K

STA. N. 127+50 - WEST 11-12-59

| Dist | Sound | Elev |
|---|---|---|
| | 10.1 | |
| | 10.2 | |
| 20+00 | 11.0 | |
| | 10.8 | |
| | 10.7 | |
| | 11.0 | |
| | 10.8 | |
| 50 | 11.0 | |
| | 11.1 | |
| (1.9) | 11.2 | |
| 3;35 | 11.7 | |
| | 11.1 | O.K. |
| 21+00 | 10.5 | |
| | 10.7 | |
| | 10.8 | |
| | 11.0 | |
| | 12.9 | |
| 50 | 12.5 | |
| | 12.0 | |
| | 12.1 | |
| | 12.1 | |
| | 12.1 | |
| 22+00 | 12.6 | |
| | 12.4 | |
| | 12.5 | |
| | 12.5 | |
| 50 | 12.4 | |
| | 12.5 | |
| | 12.5 | |
| | 12.5 | |
| | 12.4 | |
| 23+00 | 10.8 | |
| (2.0) | 12.2 | |
| 3;40 | 12.2 | |
| | 12.2 | O.K. |
| | 12.1 | |
| 50 | 12.0 | |
| | 11.6 | |
| | 11.6 | |
| | 11.7 | |
| | 11.6 | |
| 24+00 | 11.4 | |
| | 11.1 | |
| | 11.1 | |
| | 11.0 | |
| | 10.7 | |
| 50 | 10.6 | |
| | 10.3 | |
| | 10.3 | |

STA. N. 127+50 - WEST (42)

| Dist | Sound | Elev |
|---|---|---|
| | 10.5 | |
| | 10.5 | |
| 25+00 | 11.3 | |
| | 11.4 | |
| | 12.0 | |
| | 12.1 | |
| (2.1) | 11.9 | O.K. |
| 50 | 11.8 | |
| 343 | 12.0 | |
| | 11.9 | |
| | 12.0 | |
| W19200 | 12.0 | |
| 26+00 | 12.0 | |

11-17-59

STA. N. 128+00; 0+00 = W 16.530; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | 0.5 | +5.6 | (61) | 11.2 | 5.1 |
| (61) | 1.0 | +5.1 | 50 | 12.5 | 6.4 |
| | 1.2 | +4.9 | | 12.5 | 6.4 |
| 9:50 | 1.4 | +4.7 | | 12.5 | 6.4 |
| | 2.0 | +4.1 | | 12.4 | 6.3 |
| 50 | 2.0 | +4.1 | | 12.6 | 6.5 |
| | 2.1 | +4.0 | 3+00 | 12.8 | 6.7 |
| | 2.3 | +3.8 | 9:55 | 12.9 | 6.8 |
| | 2.5 | +3.6 | | 13.0 | 6.9 |
| | 2.6 | +3.5 | | 13.3 | 7.2 |
| 1+00 | 3.0 | +3.1 | | 13.4 | 7.3 |
| | 3.2 | +2.9 | 50 | 13.5 | 7.4 |
| | 3.4 | +2.7 | | 13.6 | 7.5 |
| | 4.0 | +2.1 | | 13.6 | 7.5 |
| | 4.1 | +2.0 | | 13.5 | 7.4 |
| 50 | 4.3 | +1.8 | | 13.4 | 7.3 |
| | 4.7 | +1.4 | 4+00 | 13.3 | 7.2 |
| | 5.6 | +0.5 | | 13.4 | 7.3 |
| | 6.7 | 0.6 | | 13.3 | 7.2 |
| | 7.2 | 1.1 | | 13.2 | 7.1 |
| 2+00 | 7.5 | 1.4 | | 13.1 | 7.0 |
| | 8.0 | 1.9 | 50 | 14.5 | 8.4 |
| | 7.7 | 1.6 | | 14.9 | 8.8 |
| | 7.5 | 1.4 | | 15.0 | 8.9 |

STA. N. 128+00 - WEST



| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (60) | 15.0 | 9.0 | (60) | 15.0 | 9.0 |
| | 15.1 | 9.1 | | 14.5 | 8.5 |
| 5+00 | 14.9 | 8.9 | 50 | 14.4 | 8.4 |
| | 14.9 | 8.9 | | 14.4 | 8.4 |
| | 14.7 | 8.7 | | 14.5 | 8.5 |
| 10:00 | 14.4 | 8.4 | | 14.5 | 8.5 |
| | 14.3 | 8.3 | | 14.4 | 8.4 |
| 50 | 14.2 | 8.2 | 8+00 | 14.4 | 8.4 |
| | 14.0 | 8.0 | | 14.5 | 8.5 |
| | 14.0 | } | | 14.4 | 8.4 |
| | 14.0 | } | 10:05 | 14.5 | 8.5 |
| | 13.9 | 7.9 | | 14.6 | 8.6 |
| 6+00 | 13.9 | } | 50 | 14.6 | 8.6 |
| | 13.9 | } | | 14.7 | 8.7 |
| | 13.7 | 7.7 | | 14.8 | 8.8 |
| | 15.9 | 9.9 | | 14.9 | 8.9 |
| | 16.3 | 10.3 | | 14.8 | 8.8 |
| 50 | 16.6 | 10.6 | 9+00 | 14.9 | 8.9 |
| | 14.2 | 8.2 | | 15.0 | 9.0 |
| | 14.2 | 8.2 | | 14.9 | 8.9 |
| | 14.3 | 8.3 | | 14.7 | 8.7 |
| | 14.0 | 8.0 | | 14.7 | } |
| 7+00 | 14.2 | 8.2 | 50 | 14.7 | } |
| | 14.3 | 8.3 | | 14.8 | 8.8 |
| | 15.2 | 9.2 | | 15.0 | 9.0 |

STA. N. 128+00 - WEST 11-17-59

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (60) | 15.0 | 9.0 | (60) | 14.2 | 8.2 |
| | 15.0 | 9.0 | | 14.3 | 8.3 |
| 10+00 | 15.1 | 9.1 | 50 | 14.3 | 8.3 |
| | 15.1 | ≀ | 10+10 | 14.2 | 8.2 |
| | 15.1 | ≀ | | 14.3 | 8.3 |
| | 15.1 | ≀ | | 14.5 | 8.5 |
| | 15.1 | ≀ | | 14.5 | 8.5 |
| 50 | 15.2 | 9.2 | 13+00 | 14.6 | 8.6 |
| | 15.2 | 9.2 | | 14.5 | 8.5 |
| | 15.4 | 9.4 | | 14.5 | ≀ |
| | 15.5 | 9.5 | | 14.5 | ≀ |
| | 15.5 | 9.5 | | 14.5 | ≀ |
| 11+00 | 15.4 | 9.4 | 50 | 14.6 | 8.6 |
| | 15.3 | 9.3 | | 14.7 | 8.7 |
| | 15.1 | 9.1 | | 14.7 | 8.7 |
| | 15.2 | 9.2 | | 14.5 | 8.5 |
| | 15.2 | 9.2 | | 14.5 | 8.5 |
| 50 | 15.3 | 9.3 | 14+00 | 14.3 | 8.3 |
| | 15.3 | 9.3 | | 14.2 | 8.2 |
| | 15.4 | 9.4 | | 14.3 | 8.3 |
| | 15.5 | 9.5 | | 14.5 | 8.5 |
| | 15.7 | 9.7 | | 14.4 | 8.4 |
| 12+00 | 15.8 | 9.8 | 50 | 14.3 | 8.3 |
| | 15.8 | 9.8 | | 14.4 | 8.4 |
| | 15.4 | 9.4 | | 14.2 | 8.2 |

STA. N. 128+00 - WEST



| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (60) | 14.3 | 8.3 | (60) | 14.5 | 8.5 |
| | 14.2 | 8.2 | | 14.7 | 8.7 |
| 15+00 | 14.3 | 8.3 | 50 | 14.5 | 8.5 |
| | 14.4 | 8.4 | | 14.6 | 8.6 |
| | 14.2 | 8.2 | | 14.8 | 8.8 |
| | 14.2 | ≀ | | 14.9 | 8.9 |
| | 14.2 | ≀ | | 14.8 | 8.8 |
| 50 | 14.5 | 8.5 | 18+00 | 14.8 | 8.8 |
| | 14.7 | 8.7 | | 14.7 | 8.7 |
| 10+15 | 14.5 | 8.5 | | 14.7 | 8.7 |
| | 14.6 | 8.6 | | 14.9 | 8.9 |
| | 14.6 | 8.6 | | 15.0 | 9.0 |
| 16+00 | 14.7 | 8.7 | 50 | 15.0 | 9.0 |
| | 14.6 | 8.6 | | 15.1 | 9.1 |
| | 14.2 | 8.2 | | 15.0 | 9.0 |
| | 14.6 | 8.6 | | 15.2 | 9.2 |
| | 14.7 | 8.7 | | 15.7 | 9.7 |
| 50 | 15.0 | 9.0 | 19+00 | 16.0 | 10.0 |
| | 14.7 | 8.7 | | 15.5 | 9.5 |
| | 15.0 | 9.0 | | 15.5 | 9.5 |
| | 15.1 | 9.1 | | 15.6 | 9.6 |
| | 15.0 | 9.0 | | 16.0 | 10.0 |
| 17+00 | 14.9 | 8.9 | 50 | 15.4 | 9.4 |
| | 14.0 | 8.0 | | 13.0 | 7.0 |
| | 14.2 | 8.2 | | 12.8 | 6.8 |

STA. N. 128+00 - WEST 11-17-59

| Dist | Sound | Elev |
|---|---|---|
| (59) | 12.7 | 6.8 |
| | 12.9 | 7.0 |
| 20+00 | 13.0 | 7.1 |
| 10:20 | 13.2 | 7.3 |
| | 13.0 | 7.1 |
| | 13.0 | ≀ |
| | 13.0 | ≀ |
| 50 | 13.0 | ≀ |
| | 13.2 | 7.3 |
| | 13.3 | 7.4 |
| | 13.5 | 7.6 |
| | 13.4 | 7.5 |
| 21+00 | 13.9 | 8.0 |
| | 13.5 | 7.6 |
| | 13.6 | 7.7 |
| | 13.6 | 7.7 |
| | 13.7 | 7.8 |
| 50 | 14.0 | 8.1 |
| | 14.0 | ≀ |
| | 14.0 | ≀ |
| | 14.0 | ≀ |
| | 14.0 | ≀ |
| 22+00 | 14.0 | ≀ |
| | 13.9 | 8.0 |
| | 13.9 | 8.0 |

| Dist | Sound | Elev |
|---|---|---|
| (59) | 14.0 | 8.1 |
| | 13.9 | 8.0 |
| 50 | 13.9 | ≀ |
| | 13.9 | ≀ |
| | 14.0 | 8.1 |
| | 14.0 | 8.1 |
| | 14.1 | 8.2 |
| 23+00 | 14.2 | 8.3 |
| | 14.2 | 8.3 |
| 10:25 | 15.0 | 9.1 |
| | 15.1 | 9.2 |
| | 15.2 | 9.3 |
| 50 | 15.3 | 9.4 |
| | 15.5 | 9.6 |
| | 15.4 | 9.5 |
| | 15.3 | 9.4 |
| | 15.0 | 9.1 |
| 24+00 | 14.7 | 8.8 |
| | 14.3 | 8.4 |
| | 14.2 | 8.3 |
| | 14.2 | 8.3 |
| | 14.5 | 8.6 |
| 50 | 14.6 | 8.7 |
| | 14.7 | 8.8 |
| | 14.8 | 8.9 |

STA. N. 128+00 - WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (59) | 15.0 | 9.1 | | | |
| | 14.9 | 9.0 | | | |
| 25+00 | 14.8 | 8.9 | | | |
| | 14.7 | 8.8 | | | |
| | 14.7 | 8.8 | | | |
| | 14.6 | 8.7 | | | |
| | 14.5 | 8.6 | | | |
| 50 | 14.4 | 8.5 | | | |
| | 14.3 | 8.4 | | | |
| | 14.3 | 8.4 | | | |
| 10:28 | 14.3 | 8.4 | | | |
| | 14.2 | 8.3 | | | |
| 26+00 | 14.2 | 8.3 | W19130 | | |

11-17-59

STA. N. 128+50; 0+00 = W. 16560; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | 0.2 | |
| (5.7) | 0.6 | |
| | 1.0 | |
| 10:50 | 1.3 | |
| | 1.4 | |
| 50 | 1.8 | |
| | 2.2 | |
| | 2.3 | |
| | 2.8 | |
| | 3.0 | |
| 1+00 | 3.2 | |
| | 3.3 | |
| | 3.4 | |
| | 3.7 | |
| | 4.0 | |
| 50 | 4.6 | |
| | 5.4 | |
| | 6.3 | |
| | 6.7 | |
| | 6.6 | |
| 2+00 | 6.1 | |
| | 5.8 | |
| | 6.2 | |
| | 10.6 | |
| (5.7) | 11.5 | |
| 50 | 11.5 | |
| | 11.7 | |
| | 11.8 | |
| | 12.0 | |
| | 12.1 | |
| 3+00 | 12.3 | |
| | 12.4 | |
| | 12.4 | |
| | 12.8 | 7.1 |
| | 12.5 | 6.8 |
| 50 | 12.7 | 7.0 |
| | 12.2 | 6.5 |
| | 12.3 | 6.6 |
| | 12.1 | 6.4 |
| | 12.3 | 6.6 |
| 4+00 | 12.7 | 7.0 |
| 10:55 | 12.4 | 6.7 |
| | 12.4 | 6.7 |
| | 12.3 | 6.6 |
| | 12.7 | 7.0 |
| 50 | 13.2 | |
| | 13.2 | L |
| | 13.4 | 0 |

STA. N. 128+50 - WEST



| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 13.6 | |
| | 13.1 | |
| 5+00 | 12.9 | |
| | 12.6 | 6.9 |
| | 12.7 | 7.0 |
| | 12.2 | 6.5 |
| | 12.2 | 6.5 |
| 50 | 12.6 | 6.9 |
| | 12.7 | 7.0 |
| | 12.4 | 6.7 |
| | 12.4 | 6.7 |
| | 12.3 | 6.6 |
| 6+00 | 12.9 | 7.2 |
| | 15.1 | |
| | 15.5 | |
| | 15.4 | |
| | 13.6 | |
| 50 | 13.4 | |
| | 13.3 | L |
| | 13.4 | 0 |
| | 13.7 | |
| | 14.2 | |
| 7+00 | 14.4 | |
| | 14.2 | |
| | 13.9 | |
| (5.6) | 13.2 | |
| | 13.3 | |
| 50 | 13.3 | |
| 11:00 | 13.3 | |
| | 13.4 | |
| | 13.4 | |
| | 13.5 | |
| 8+00 | 13.6 | |
| | 13.6 | |
| | 13.6 | |
| | 13.6 | L |
| | 13.6 | 0 |
| 50 | 13.5 | |
| | 13.4 | |
| | 13.6 | |
| | 13.5 | |
| | 13.6 | |
| 9+00 | 13.6 | |
| | 13.6 | |
| | 13.7 | |
| | 13.8 | |
| | 13.8 | |
| 50 | 13.8 | |
| | 14.1 | |
| | 14.0 | |

STA. N.128+50 - WEST 11-17-59

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (56) | 13.9 | | (55) | 13.3 | |
| | 13.9 | | | 13.2 | |
| 10+00 | 13.8 | | 50 | 13.2 | |
| | 14.0 | | 11:05 | 13.2 | |
| | 14.1 | | | 13.3 | |
| | 14.0 | | | 13.3 | |
| | 14.0 | | | 13.4 | |
| 50 | 14.0 | | 13+00 | 13.7 | |
| | 14.0 | | | 13.8 | |
| | 14.1 | | | 13.9 | |
| | 14.0 | K | | 13.8 | O/K |
| | 13.9 | 0 | | 13.9 | |
| 11+00 | 14.0 | | 50 | 13.9 | |
| | 14.0 | | | 13.9 | |
| | 14.1 | | | 13.8 | |
| | 14.1 | | | 13.8 | |
| | 14.3 | | | 13.5 | |
| 50 | 14.7 | | 14+00 | 13.4 | |
| | 14.7 | | | 13.3 | |
| | 14.6 | | | 13.3 | |
| | 14.6 | | | 13.4 | |
| | 14.7 | | | 13.3 | |
| 12+00 | 14.4 | | 50 | 13.1 | |
| | 13.9 | | | 13.1 | |
| | 13.5 | | | 13.1 | |

STA. N.128+50 - WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (53) | 13.2 | | (54) | 13.6 | |
| | 13.2 | | | 13.7 | |
| 15+00 | 13.2 | | 50 | 13.7 | |
| | 13.2 | | | 13.7 | |
| | 13.3 | | | 13.6 | |
| | 13.4 | | | 13.4 | |
| | 13.5 | | | 13.3 | |
| 50 | 13.5 | | 18+00 | 13.4 | |
| | 13.5 | | | 13.8 | |
| | 13.7 | | | 13.9 | |
| | 13.7 | K | 11:10 | 14.0 | |
| | 13.7 | O | | 14.1 | |
| 16+00 | 13.8 | | 50 | 14.2 | |
| | 13.8 | | | 14.2 | |
| | 13.8 | | | 14.2 | |
| | 13.6 | | | 14.3 | |
| | 13.9 | | | 14.4 | |
| 50 | 13.7 | | 19+00 | 14.6 | |
| | 13.4 | | | 14.5 | |
| | 13.3 | | | 14.4 | |
| | 13.7 | | | 14.3 | |
| | 13.1 | | | 13.9 | |
| 17+00 | 13.5 | | 50 | 12.0 | 6.6 |
| | 13.6 | | | 12.1 | 6.7 |
| | 13.5 | | | 12.1 | 6.7 |
| | | | | 12.1 | 6.7 |
| | | | | 12.7 | 7.3 |
| | | | 20+00 | 12.8 W18560 | 7.4 |

11-17-59

STA. N. 129+00, 0+00 = W 16620; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | 1.7 | |
| (52) | 1.9 | |
| | 2.0 | |
| 11:25 | 2.0 | |
| | 2.5 | |
| 50 | 2.6 | |
| | 2.6 | |
| stop | 2.6 | |
| 11:30 | 3.0 | |
| | 3.2 | |
| 1+00 | 4.1 | |
| (51) | 5.1 | |
| | 5.9 | |
| | 6.2 | |
| | 6.2 | |
| 50 | 6.0 | |
| | 5.9 | |
| | 7.8 | |
| | 10.9 | |
| | 11.5 | |
| 2+00 | 11.9 | |
| | 12.0 | 6.9 |
| | 12.0 | 6.9 |
| | 12.0 | 6.9 |
| (50) | 12.0 | |
| 50 | 12.1 | |
| | 12.2 | |
| | 12.3 | |
| | 12.7 | |
| | 12.5 | |
| 3+00 | 12.6 | |
| | 12.6 | |
| | 13.0 | |
| | 14.1 | |
| | 14.3 | |
| 50 | 14.4 | |
| | 14.4 | |
| | 14.4 | |
| | 14.3 | |
| | 14.3 | |
| 4+00 | 14.4 | |
| | 14.4 | |
| | 12.5 | |
| 11:35 | 12.4 | |
| | 12.0 | |
| 50 | 12.1 | |
| | 12.3 | |
| | 12.5 | |

O.K.

STA. N. 129+00 - WEST



| Dist | Sound | Elev |
|---|---|---|
| (50) | 12.5 | |
| | 12.4 | |
| 5+00 | 12.4 | |
| | 12.5 | |
| | 12.4 | |
| | 12.3 | |
| | 14.0 | |
| 50 | 14.0 | |
| | 14.2 | |
| | 14.2 | |
| | 12.7 | |
| | 13.0 | |
| 6+00 | 13.1 | |
| | 13.0 | |
| | 13.3 | |
| | 13.5 | |
| | 13.7 | |
| 50 | 13.8 | |
| | 13.4 | |
| | 13.2 | |
| | 13.1 | |
| | 13.1 | |
| 7+00 | 13.0 | |
| | 13.0 | |
| | 13.1 | |
| (49) | 13.2 | |
| | 13.2 | |
| 50 | 13.0 | |
| 11:40 | 13.0 | |
| | 13.0 | |
| | 12.9 | |
| | 12.9 | |
| 8+00 | 13.0 | |
| | 13.0 | |
| | 13.0 | |
| | 12.9 | |
| | 12.9 | |
| 50 | 13.0 | |
| | 12.9 | |
| | 12.9 | |
| | 12.9 | |
| | 13.1 | |
| 9+00 | 13.2 | |
| | 13.2 | |
| | 13.2 | |
| | 13.1 | |
| | 13.1 | |
| 50 | 13.2 | |
| | 13.3 | |
| | 13.3 | |

O.K.

STA. N. 129+00 - WEST 11-17-59

| Dist | Sound | Elev |
|---|---|---|
| (49) | 13.3 | |
| | 13.4 | |
| 10+00 | 13.4 | |
| | 13.4 | |
| | 13.3 | |
| | 13.2 | |
| | 13.2 | |
| 50 | 13.2 | |
| | 13.3 | |
| | 13.3 | |
| | 13.4 | 0/4 |
| | 13.5 | |
| 11+00 | 13.6 | |
| | 13.7 | |
| | 13.8 | |
| | 13.8 | |
| | 13.7 | |
| 50 | 13.0 | |
| | 12.9 | |
| | 12.6 | |
| | 12.5 | |
| | 12.7 | |
| 12+00 | 12.8 | |
| | 12.9 | |
| | 12.9 | |

| Dist | Sound | Elev |
|---|---|---|
| (49) | 13.0 | |
| | 13.0 | |
| 50 | 13.0 | |
| 11:45 | 13.0 | |
| | 13.0 | |
| | 13.0 | |
| | 13.0 | |
| 13+00 | 12.9 | |
| | 12.9 | |
| | 12.9 | |
| | 12.8 | 0/4 |
| | 12.7 | |
| 50 | 12.8 | |
| | 12.6 | |
| | 12.4 | |
| | 12.4 | |
| | 12.5 | |
| 14+00 | 12.5 | |
| | 12.5 | |
| | 12.5 | |
| | 12.5 | |
| | 12.4 | |
| 50 | 12.4 | |
| | 12.4 | |
| | 12.5 | |

STA. N. 129+00 - WEST



| Dist | Sound | Elev |
|---|---|---|
| (48) | 12.5 | |
| | 12.6 | |
| 15+00 | 12.6 | |
| | 12.5 | |
| | 12.6 | |
| | 12.4 | |
| | 12.5 | |
| 50 | 12.5 | |
| | 12.5 | |
| | 12.5 | |
| | 12.6 | 0/4 |
| | 12.7 | |
| 16+00 | 12.7 | |
| 11:50 | 12.7 | |
| | 12.7 | |
| | 12.7 | |
| | 12.8 | |
| 50 | 12.8 | |
| | 12.8 | |
| | 12.9 | |
| | 13.0 | |
| | 12.9 | |
| 17+00 | 12.9 | |
| | 12.8 | |
| | 12.7 | |

| Dist | Sound | Elev |
|---|---|---|
| (48) | 12.6 | |
| | 12.6 | |
| 50 | 12.7 | |
| | 12.9 | |
| | 12.8 | |
| | 13.0 | |
| | 13.0 | |
| 18+00 | 13.0 | |
| | 13.0 | |
| | 13.0 | |
| | 13.2 | 0/4 |
| | 13.3 | |
| 50 | 13.6 | |
| | 14.0 | |
| | 14.0 | |
| | 12.1 | |
| | 12.1 | |
| 19+00 | 12.0 | |
| | 11.9 | |
| | 11.9 | |
| | 12.0 | |
| | 12.0 | |
| 50 | 12.2 | |
| | 12.3 | |
| | 12.5 | |

STA. N. 129+00 - WEST 11-17-59

| Dist | Sound | Elev |
|---|---|---|
| (47) | 12.5 | |
| | 12.4 | |
| 20+00 | 12.3 | |
| | 12.5 | |
| 11:55 | 12.6 | |
| | 12.6 | |
| | 12.5 | |
| 50 | 12.5 | |
| | 12.3 | |
| | 12.3 | |
| | 12.4 | K' |
| | 12.3 | 0. |
| 21+00 | 12.4 | |
| | 12.5 | |
| | 12.5 | |
| | 12.3 | |
| | 12.3 | |
| 50 | 12.4 | |
| | 12.2 | |
| | 12.2 | |
| | 12.1 | |
| | 12.0 | |
| 22+00 | 11.9 | |
| | 11.9 | |
| | 12.0 | |

| Dist | Sound | Elev |
|---|---|---|
| (4.6) | 12.0 | |
| | 12.4 | |
| 50 | 13.3 | |
| | 13.1 | |
| | 13.1 | |
| | 13.2 | |
| | 13.3 | |
| 23+00 | 13.0 | |
| | 13.0 | |
| | 12.9 | |
| | 12.8 | |
| | 12.8 | |
| 50 | 13.0 | |
| | 13.0 | |
| | 13.2 | |
| | 13.4 | |
| | 13.4 | |
| 24+00 | 13.2 | |
| | 13.2 | |
| | 12.8 | |
| | 12.7 | |
| | 13.0 | |
| 50 | 13.1 | |
| | 13.1 | |
| | 13.1 | |

O.K.



STA. N. 129+00 - WEST

| Dist | Sound | Elev |
|---|---|---|
| (4.5) | 13.1 | |
| | 13.1 | |
| 25+00 | 13.2 | |
| | 13.2 | |
| 12:00 | 13.3 | |
| | 13.4 | |
| | 13.5 | |
| 50 | 13.3 | |
| | 13.1 | |
| | 12.9 | |
| | 12.8 | |
| | 12.7 | |
| W19220 | | |
| 26+00 | 13.0 | |

K' 0.

26+00

11-17-59

STA. N 129+50; 0+00 = W 16,670; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | (24) | 11.3 | |
| (2.5) | | | 50 | 11.2 | |
| | | | | 11.2 | |
| 1:40 | 0.3 | +2.2 | | 11.0 | |
| | 0.6 | +1.9 | | 10.2 | |
| 50 | 1.2 | +1.3 | | 10.1 | |
| | 2.2 | +0.3 | 3+00 | 10.1 | |
| | 3.3 | 0.8 | | 10.1 | |
| | 3.9 | 1.4 | | 9.4 | 7.0 |
| | 4.0 | 1.5 | | 9.3 | 6.9 |
| 1+00 | 4.0 | 1.5 | | 9.7 | 7.3 |
| | 3.9 | 1.4 | 50 | 9.9 | |
| | 8.6 | 6.1 | | 10.2 | |
| | 9.7 | 7.2 | | 10.6 | |
| | 10.0 | | | 11.0 | |
| 50 | 10.3 | | | 11.2 | |
| | 10.3 | | 4+00 | 11.5 | |
| | 10.8 | | | 11.6 | |
| | 10.9 | | | 11.6 | |
| | 11.1 | | | 11.3 | |
| 2+00 | 11.3 | | | 11.4 | |
| | 11.3 | | 50 | 11.2 | |
| | 11.3 | | | 12.2 | |
| | 11.4 | | | 12.2 | |

STA. N 129+50 - WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (2.3) | 12.5 | | (2.2) | 10.0 | |
| | 12.2 | | | 10.0 | |
| 5+00 | 12.7 | | 50 | 9.9 | |
| | 12.5 | | | 9.9 | |
| 1:45 | 9.6 | | | 9.9 | |
| | 9.6 | | | 9.9 | |
| | 9.8 | | | 10.0 | |
| 50 | 10.2 | | 8+00 | 10.0 | |
| | 10.3 | | | 10.0 | |
| | 10.4 | | | 10.1 | |
| | 10.3 | | | 10.1 | |
| | 10.2 | | | 10.2 | |
| 6+00 | 10.1 | | 50 | 10.2 | |
| | 10.1 | | | 10.1 | |
| | 10.1 | | | 10.1 | |
| | 10.2 | | | 10.1 | |
| | 10.2 | | | 10.1 | |
| 50 | 10.0 | | 9+00 | 10.1 | |
| | 9.8 | | 1:50 | 10.1 | |
| | 9.8 | | | 11.0 | |
| | 9.8 | | | 10.2 | |
| | 9.9 | | | 10.3 | |
| 7+00 | 10.2 | | 50 | 10.2 | |
| | 10.0 | | | 10.2 | |
| | 10.1 | | | 10.4 | |

STA. N. 129+50 - WEST 11-17-59

| Dist | Sound | Elev |
|---|---|---|
| (2.2) | 11.1 | |
| | 12.0 | |
| 10+00 | 11.1 | |
| | 10.8 | |
| | 10.7 | |
| | 10.8 | |
| | 10.7 | |
| 50 | 11.1 | |
| | 10.9 | |
| | 10.6 | |
| | 10.3 | |
| | 9.9 | |
| 11+00 | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.2 | |
| | 10.6 | |
| 50 | 10.4 | |
| | 10.2 | |
| | 10.1 | |
| | 10.2 | |
| | 10.3 | |
| 12+00 | 10.5 | |
| | 10.9 | |
| | 10.4 | |

| Dist | Sound | Elev |
|---|---|---|
| (2.2) | 10.9 | |
| | 10.2 | |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.0 | |
| | 10.0 | |
| 13+00 | 10.1 | |
| 1:55 ≈ | 11.0 | |
| | 10.3 | |
| | 10.0 | |
| | 9.7 | |
| 50 | 9.9 | |
| | 10.1 | |
| | 10.6 | |
| | 9.9 | |
| | 9.9 | |
| 14+00 | 9.8 | |
| | 9.7 | |
| | 10.1 | |
| | 10.0 | |
| | 10.1 | |
| 50 | 10.1 | |
| | 10.1 | |
| | 10.1 | |

STA. N. 129+50 - WEST

| Dist | Sound | Elev |
|---|---|---|
| (2.1) | 10.1 | |
| | 10.0 | |
| 15+00 | 10.0 | |
| | 10.2 | |
| | 9.8 | |
| | 9.9 | |
| | 9.7 | |
| 50 | 9.9 | |
| | 9.9 | |
| | 10.8 | |
| | 10.2 | |
| | 10.1 | |
| 16+00 | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| 50 | 10.1 | |
| | 10.0 | |
| | 10.0 | |
| | 10.2 | |
| | 10.1 | |
| 17+00 | 10.2 | |
| | 10.4 | |
| | 10.6 | |

| Dist | Sound | Elev |
|---|---|---|
| (2.1) | 10.3 | |
| | 10.2 | |
| 50 | 10.3 | |
| | 10.4 | |
| | 10.6 | |
| | 11.1 | |
| | 11.0 | |
| 18+00 | 11.1 | |
| 2:00 ≈ | 11.1 | |
| | 9.1 | 7.0 |
| | 9.1 | 7.0 |
| | 9.2 | 7.1 |
| 50 | 9.2 | 7.1 |
| | 9.0 | 6.9 |
| | 9.0 | 6.9 |
| | 9.2 | 7.1 |
| | 9.3 | 7.2 |
| 19+00 | 9.7 | |
| | 10.4 | |
| | 10.1 | |
| | 10.1 | |
| | 10.1 | |
| 50 | 10.0 | |
| | 10.0 | |
| | 9.6 | |

STA. N. 129+50 - WEST 11-17-59

| Dist | Sound | Elev |
|---|---|---|
| (20) | 9.9 | |
| | 9.8 | |
| 20+00 | 9.7 | |
| | 9.7 | |
| | 9.9 | |
| | 9.9 | |
| | 9.6 | |
| 50 | 9.7 | |
| | 9.8 | |
| | 9.7 | |
| | 9.7 | |
| | 9.7 | |
| 21+00 | 9.7 | |
| | 9.7 | |
| | 9.3 | |
| | 9.0 | 7.0 |
| | 9.0 | 7.0 |
| 50 | 9.0 | 7.0 |
| | 9.0 | 7.0 |
| | 9.0 | 7.0 |
| | 10.1 | |
| | 10.2 | |
| 22+00 | 10.4 | |
| | 10.3 | |
| | 10.2 | |

| Dist | Sound | Elev |
|---|---|---|
| (20) | 10.4 | |
| | 10.2 | |
| 50 | 10.0 | |
| | 10.0 | |
| | 9.9 | |
| | 9.9 | |
| | 10.1 | |
| 23+00 | 10.3 | |
| 21:05 | 10.4 | |
| | 10.2 | |
| | 10.7 | |
| | 10.6 | |
| 50 | 10.6 | |
| | 10.1 | |
| | 10.0 | |
| | 10.1 | |
| | 10.0 | |
| 24+00 | 10.3 | |
| | 10.6 | |
| | 10.5 | |
| | 10.4 | |
| | 10.6 | |
| 50 | 10.6 | |
| | 10.7 | |
| | 10.7 | |

STA. N. 129+50 - WEST

(53)

| Dist | Sound | Elev |
|---|---|---|
| (20) | 10.8 | |
| | 10.2 | |
| 25+00 | 10.2 | |
| | 10.1 | |
| | 10.0 | |
| | 10.1 | |
| | 10.2 | |
| 50 | 10.2 | |
| | 10.2 | |
| 21:08 | 10.2 | |
| | 10.4 | |
| W19270 | 10.3 | |
| 26+00 | 10.2 | |

11-17-59

STA. N. 130+00; 0+00 = W 16,700 ; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (1.6) | | |
| | 0.5 | +1.1 |
| 2:27 | 1.7 | 0.1 |
| | 1.9 | 0.3 |
| 50 | 2.4 | 0.8 |
| | 3.1 | 1.5 |
| | 3.2 | 1.6 |
| | 2.9 | 1.3 |
| | 2.7 | 1.1 |
| 1+00 | 2.4 | 0.8 |
| | 6.4 | 4.8 |
| | 8.0 | 6.4 |
| | 8.3 | 6.7 |
| | 8.4 | 6.8 |
| 50 | 8.3 | 6.7 |
| | 8.2 | 6.6 |
| | 8.3 | 6.7 |
| | 8.3 | 6.7 |
| | 8.5 | 6.9 |
| 2+00 | 8.5 | 6.9 |
| | 8.6 | 7.0 |
| | 8.6 | 7.0 |
| | 8.7 | 7.1 |

| Dist | Sound | Elev |
|---|---|---|
| (1.6) | 8.6 | 7.0 |
| 50 | 8.8 | 7.2 |
| | 9.0 | 7.4 |
| | 9.2 | 7.6 |
| | 9.4 | 7.8 |
| | 9.6 | 8.0 |
| 3+00 | 9.7 | 8.1 |
| | 10.0 | 8.4 |
| 2:30 | 10.1 | 8.5 |
| | 10.0 | 8.4 |
| | 10.5 | 8.9 |
| 50 | 10.5 | 8.9 |
| | 10.4 | 8.8 |
| | 10.6 | 9.0 |
| | 10.7 | 9.1 |
| | 10.8 | 9.2 |
| 4+00 | 10.9 | 9.3 |
| | 10.9 | 9.3 |
| | 11.0 | 9.4 |
| 30 | 11.0 | 9.4 |

11-17-59

(54)

STA. N. 130+50; 0+00 = W 16,710 ; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (1.4) | | |
| | 1.0 | |
| 2:38 | 1.9 | |
| | 2.3 | |
| 50 | 2.4 | |
| | 2.5 | |
| | 2.6 | |
| | 2.5 | |
| | 2.0 | |
| 1+00 | 1.9 | |
| | 4.0 | |
| | 6.5 | |
| | 8.1 | |
| | 8.4 | |
| 50 | 8.7 | |
| | 8.6 | |
| | 8.8 | |
| | 9.0 | |
| | 9.0 | |
| 2+00 | 9.2 | |
| | 9.3 | |
| | 9.2 | |
| | 9.4 | |

O/C

| Dist | Sound | Elev |
|---|---|---|
| (13) | 9.5 | |
| 50 | 9.4 | |
| | 9.5 | |
| | 9.4 | |
| | 9.4 | |
| | 9.5 | |
| 3+00 | 9.3 | |
| | 9.4 | |
| | 9.5 | |
| | 9.6 | |
| | 10.3 | |
| 50 | 10.4 | |
| | 10.5 | |
| | 10.6 | |
| 2:43 | 10.7 | |
| | 10.6 | |
| 4+00 | 10.7 | |
| | 10.8 | |
| | 10.9 | |
| 50 | 10.7 | |
| | 10.8 | |
| 5+50 | 11.4 | |

T. O

11-18-59

STA. N. 131+00; 0+00 = W 16640 ; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | 0.1 | | (61) | 13.0 | 6.9 |
| (61) | 0.9 | | 50 | 13.1 | 7.0 |
| | 1.3 | | | 13.1 | 7.0 |
| 9:17 | 1.9 | | 9:20 | 13.0 | 6.1 |
| | 2.1 | | | 13.2 | 7.1 |
| 50 | 2.8 | | | 13.4 | |
| | 3.1 | | 3+00 | 13.8 | |
| | 3.5 | | | 13.9 | |
| | 3.9 | | | 14.0 | |
| | 4.5 | | | 13.9 | |
| 1+00 | 5.7 | | | 14.0 | |
| | 7.3 | | 50 | 14.0 | |
| | 7.7 | | | 14.0 | |
| | 7.7 | | | 14.0 | |
| | 7.5 | | | 14.2 | 4 |
| 50 | 7.5 | | | 14.2 | 0 |
| | 7.1 | | 4+00 | 14.3 | |
| | 6.0 | | | 14.5 | |
| | 5.2 | | | 15.0 | |
| | 5.2 | | | 15.1 | |
| | | | 50 | 15.2 | |
| | | | | 15.3 | |
| 2+00 | 8.0 | | | 15.4 | |
| | 12.5 | | | 15.8 | |
| | 13.0 | 6.9 | 5+00 | 15.4 | |
| | 13.0 | 6.9 | | 15.7 | |
| | | | | 16.0 | |
| | | | 30 | 16.2 | |



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STA. N. 133+50; 0+00 = W 16,720 ; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | 1.3 | | (61) | 12.6 | 6.5 |
| (61) | 1.9 | | 50 | 12.8 | 6.7 |
| | 2.3 | | | 12.9 | 6.8 |
| 9:32 | 2.9 | | | 12.9 | 6.8 |
| | 3.3 | | 9:35 | 13.0 | 6.9 |
| 50 | 4.0 | | | 15.0 | 8.9 |
| | 5.3 | | 3+00 | 15.0 | |
| | 7.0 | | | 14.9 | |
| | 7.8 | | | 14.8 | |
| | 7.3 | | | 14.8 | |
| 1+00 | 6.9 | | | 14.8 | |
| | 6.1 | | 50 | 14.7 | |
| | 4.6 | | | 14.7 | |
| | 4.3 | | | 14.6 | 1 |
| | 4.3 | | | 14.8 | 0 |
| 50 | 4.6 | | | 14.9 | |
| | 4.6 | | 4+00 | 15.0 | |
| | 4.7 | | | 15.1 | |
| | 4.9 | | | 15.0 | |
| | 6.0 | | | 15.1 | |
| 2+00 | 10.4 | | | 15.0 | |
| | 12.3 | | 50 | 15.1 | |
| | 12.9 | | | 15.2 | |
| | 12.7 | | | 15.0 | |
| | | | 4+80 | 15.3 | |

11-18-59

STA. N. 134+00; 0+00 = W16,740; SOUND WEST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | 1.9 | +4.2 |
| (61) | 2.1 | +4.0 |
| | 2.9 | +3.2 |
| 9:43 | 3.2 | +2.9 |
| | 3.8 | +2.3 |
| 50 | 4.8 | +1.3 |
| | 7.0 | 0.9 |
| | 7.5 | 1.4 |
| | 7.4 | 1.3 |
| | 7.2 | 1.1 |
| 1+00 | 6.4 | 0.3 |
| | 5.3 | +0.8 |
| | 4.4 | +1.7 |
| | 4.3 | +1.8 |
| | 4.3 | +1.8 |
| 50 | 4.5 | +1.6 |
| | 4.5 | +1.6 |
| | 4.4 | +1.7 |
| | 5.2 | +0.9 |
| | 7.3 | 1.2 |
| 2+00 | 11.9 | 5.8 |
| | 12.4 | 6.3 |
| | 12.6 | 6.5 |
| | 12.8 | 6.7 |

| Dist | Sound | Elev |
|---|---|---|
| (61) | 12.9 | 6.8 |
| 50 | 13.1 | 7.0 |
| | 15.9 | 9.8 |
| | 15.1 | 9.0 |
| | 14.6 | 8.5 |
| | 14.6 | 8.5 |
| 3+00 | 14.6 | 8.5 |
| | 14.8 | 8.7 |
| | 15.0 | 8.9 |
| | 15.0 | 8.9 |
| | 15.0 | 8.9 |
| 50 | 15.1 | 9.0 |
| | 15.1 | 9.0 |
| | 15.1 | 9.0 |
| | 15.2 | 9.1 |
| | 15.2 | |
| 4+00 | 15.2 | |
| | 15.2 | |
| | 15.3 | 9.2 |
| | 15.3 | 9.2 |
| | 15.2 | 9.1 |
| 50 | 15.2 | 9.1 |
| | 15.3 | 9.2 |
| | 15.4 | 9.3 |



STA. N. 134+00 - WEST

| Dist | Sound | Elev |
|---|---|---|
| (61) | 15.1 | 9.0 |
| | 15.0 | 8.9 |
| 5+00 | 15.5 | 9.4 |
| 9:50 | 15.0 | 8.9 |
| | 16.0 | 9.9 |
| | 15.1 | 9.0 |
| | 15.8 | 9.7 |
| 50 | 15:1 | 9.0 |
| | 15.2 | 9.1 |
| | 15.4 | 9.3 |
| | 15.3 | 9.2 |
| | 15.2 | 9.1 |
| 6+00 | 15.5 | 9.4 |
| | 16.0 | 9.9 |
| | 15.5 | 9.4 |
| | 14.9 | 8.8 |
| | 15.0 | 8.9 |
| 50 | 15.1 | 9.0 |
| | 15.2 | 9.1 |
| | | |
| | | |
| 7+00 | | |

STA. N 116+00; 0+00 = W. [illegible]; SOUND WEST

| Dist | Sound Elev | Dist | Sound Elev |
|---|---|---|---|
| 0+00 | | | |
| | | 50 | |
| 50 | | | |
| | | 3+00 | |
| 1+00 | | | |
| | | 50 | |
| 50 | | | |
| | | 4+00 | |
| 2+00 | | | |
| | | 50 | |



STA. N. 116+00 - WEST

| Dist | Sound Elev | Dist | Sound Elev |
|---|---|---|---|
| 5+00 | | 50 | |
| 50 | | 8+00 | |
| 6+00 | | 50 | |
| 50 | | 9+00 | |
| 7+00 | | 50 | |

STA. N. 116+00 - WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 10+00 | | | 50 | | |
| 50 | | | 13+00 | | |
| 11+00 | | | 50 | | |
| 50 | | | 14+00 | | |
| 12+00 | | | 50 | | |



STA. N. 116+00 - WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 15+00 | | | | | |
| 50 | | | | | |
| 16+00 | | | | | |
| 50 | | | | | |
| 17+00 | | | | | |

ASHER COVE 11-18-59

STA. N. 124+00; 0+00 = W. 20,060; SOUND EAST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | (60) | 15.5 | 9.5 |
| (60) | 0.2 | +5.8 | 50 | 15.6 | 9.6 |
| | 1.7 | +4.3 | | 15.6 | 9.6 |
| 10:27 | 2.6 | +3.4 | | 15.4 | 9.4 |
| | 3.2 | +2.8 | | 15.0 | 9.0 |
| 50 | 3.4 | +2.6 | | 16.9 | 10.9 |
| | 4.5 | +1.5 | 3+00 | 16.9 | 10.9 |
| | 5.1 | +0.9 | | 16.5 | 10.5 |
| | 6.1 | 0.1 | | 16.4 | 10.4 |
| | 7.8 | 1.8 | | 16.3 | 10.3 |
| 1+00 | 9.5 | 3.5 | | 16.3 | 10.3 |
| | 11.1 | 5.1 | 50 | 16.3 | 10.3 |
| | 12.5 | 6.5 | | 16.2 | 10.2 |
| | 15.0 | 9.0 | | 16.0 | 10.0 |
| | 15.0 | ~ | | 11.0 | 5.0 |
| 50 | 15.0 | ~ | | 5.1 | +0.9 |
| | 15.0 | ~ | 4+00 | 3.4 | +2.6 |
| 10:30 | 15.2 | 9.2 | | 3.4 | +2.6 |
| | 15.3 | 9.3 | 10:35 | 5.5 | +0.5 |
| | 15.3 | 9.3 | | 4.6 | +1.4 |
| 2+00 | 15.4 | 9.4 | | 2.0 | +4.0 |
| | 15.3 | 9.3 | 50 | 0.7 | +5.3 |
| | 15.2 | 9.2 | | | |
| | 15.3 | 9.3 | | | |

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STA. N. 124+50; 0+00 = W. 20,100; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (59) | | |
| 10:47 | 0.6 | |
| | 1.2 | |
| 50 | 2.2 | |
| | 2.9 | |
| | 3.4 | |
| | 4.1 | |
| | 4.5 | |
| 1+00 | 5.7 | |
| | 7.0 | |
| | 8.7 | |
| | 10.9 | |
| | 11.2 | |
| 50 | 12.1 | |
| | 14.7 | |
| | 14.7 | |
| | 14.8 | |
| | 14.8 | |
| 2+00 | 14.9 | |
| | 15.0 | |
| | 15.1 | |
| | 15.2 | |

| Dist | Sound | Elev |
|---|---|---|
| (59) | 15.1 | |
| 50 | 15.1 | |
| | 14.6 | |
| | 15.2 | |
| | 14.9 | |
| | 14.9 | |
| 3+00 | 15.0 | |
| 10:50 | 16.3 | |
| | 16.3 | |
| | 16.2 | |
| | 16.2 | |
| 50 | 16.2 | |
| | 16.3 | |
| | 16.2 | |
| | 16.2 | |
| | 16.3 | |
| 4+00 | 16.1 | |
| | 15.8 | |
| | 15.7 | |
| | 15.1 | |
| | 11.7 | |
| 50 | 5.4 | |
| | 3.0 | |
| | 3.8 | |
| | 3.0 | |
| 5+00 | 2.1 | |
| | 0.9 | |

ASHER COVE 11-18-59

STA. N. 125+00; 0+00 = W. 20, 120; SOUND EAST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | (58) | 15.0 | |
| (59) | | | 50 | 15.0 | |
| | | | | 14.9 | |
| 10:57 | 1.1 | | 11:00 | 14.9 | |
| | 2.1 | | | 14.9 | |
| 50 | 2.7 | | | 14.9 | |
| | 3.2 | | 3+00 | 15.0 | |
| | 4.1 | | | 15.0 | |
| | 4.9 | | | 15.0 | |
| | 5.5 | | | 14.4 | |
| 1+00 | 6.5 | | | 14.2 | |
| | 7.4 | | 50 | 16.5 | |
| | 8.8 | | | 16.3 | |
| | 10.6 | | | 16.0 | |
| | 11.0 | | | 15.7 | |
| 50 | 13.0 | | | 16.1 | |
| | 14.6 | | 4+00 | 16.2 | |
| | 14.7 | | | 16.0 | |
| | 14.8 | | | 15.7 | |
| | 14.8 | | | 15.3 | |
| 2+00 | 14.8 | | | 14.7 | |
| | 15.0 | | 50 | 14.3 | |
| | 15.1 | | | 13.7 | |
| | 14.9 | | | 13.4 | |



STA. N. 125+00 - EAST

| Dist | Sound | Elev |
|---|---|---|
| (58) | 12.8 | 7.0 |
| | 8.9 | |
| 5+00 | 4.2 | |
| | 2.6 | |
| | 3.0 | |
| | 2.6 | |
| | 1.7 | |
| 50 | 0.5 | |
| 4+00 | | |
| 50 | | |
| 5+00 | | |

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STA. N. 125+50 : 0+00 = W. 20, 140; SOUND EAST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | (5) | 15.0 | |
| (5.7) | | | 50 | 15.2 | |
| | 0.5 | | | 15.2 | |
| 11:10 | 1.8 | | | 15.0 | |
| | 2.5 | | | 14.6 | |
| 50 | 3.1 | | | 14.5 | |
| | 4.0 | | 3+00 | 14.4 | |
| | 4.7 | | | 14.4 | |
| | 5.9 | | | 14.3 | |
| | 7.7 | | | 15.3 | |
| 1+00 | 9.1 | | | 13.9 | |
| | 10.0 | | 50 | 14.2 | O.K. |
| | 10.3 | | | 17.2 | |
| | 10.9 | | | 16.8 | |
| | 11.2 | | | 16.5 | |
| 50 | 11.3 | | | 16.3 | |
| | 11.7 | | 4+00 | 16.1 | |
| | 12.3 | | | 16.0 | |
| | 14.6 | | | 16.0 | |
| | 14.8 | | | 15.7 | |
| 2+00 | 14.9 | | | 15.4 | |
| | 15.0 | O.K. | 50 | 15.3 | |
| | 15.0 | | | 15.1 | |
| | 14.9 | | | 15.7 | |

STA. N. 125+50 - EAST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (5.6) | 16.2 | | | | |
| | 16.8 | | | | |
| 5+00 | 16.3 | O.K. | | | |
| 11:15 | 15.9 | | | | |
| | 16.2 | | | | |
| | 17.6 | | | | |
| | 8.2 | | | | |
| 50 | 4.3 | | | | |
| | 3.1 | | | | |
| | 4.0 | | | | |
| | 3.2 | | | | |
| | 2.5 | | | | |
| 6+00 | 2.0 | | | | |
| | 1.2 | | | | |
| | 0.5 | | | | |
| | | | | | |
| | | | | | |
| 50 | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 7+00 | | | | | |

11-18-59

STA. N. 126+00; 0+00 = W 20,150; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (53) | 0.6 | +4.7 |
| | 1.9 | +3.4 |
| 11:37 | 2.6 | +2.7 |
| ≃ | 3.3 | +2.0 |
| 50 | 4.2 | +1.1 |
| | 4.9 | +0.4 |
| | 6.3 | 1.0 |
| | 6.9 | 1.6 |
| | 7.2 | 1.9 |
| 1+00 | 7.5 | 2.2 |
| | 8.3 | 3.0 |
| | 10.1 | 4.8 |
| | 10.9 | 5.6 |
| | 14.8 | 9.5 |
| 50 | 14.3 | 9.0 |
| | 14.7 | 9.4 |
| | 14.4 | 9.1 |
| | 14.3 | 9.0 |
| | 14.3 | 9.0 |
| 2+00 | 15.1 | 9.8 |
| | 15.1 | 9.8 |
| | 14.7 | 9.4 |
| | 14.5 | 9.2 |

| Dist | Sound | Elev |
|---|---|---|
| (53) | 14.8 | 9.5 |
| 50 | 14.6 | 9.3 |
| | 14.7 | 9.4 |
| 11:40 | 14.9 | 9.6 |
| ≃ | 14.6 | 9.3 |
| | 14.8 | 9.5 |
| 3+00 | 14.3 | 9.0 |
| | 14.0 | 8.7 |
| | 13.9 | 8.6 |
| | 14.0 | 8.7 |
| | 17.0 | 11.7 |
| 50 | 16.9 | 11.6 |
| | 16.7 | 11.4 |
| | 16.1 | 10.8 |
| | 16.1 | 10.8 |
| | 16.2 | 10.9 |
| 4+00 | 16.2 | 10.9 |
| | 16.0 | 10.7 |
| | 16.7 | 11.4 |
| | 16.3 | 11.0 |
| | 16.8 | 11.5 |
| 50 | 16.8 | } |
| | 16.8 | } |
| | 16.9 | 11.6 |



STA. N. 126+00 - EAST

| Dist | Sound | Elev |
|---|---|---|
| (52) | 16.6 | 11.4 |
| | 16.7 | 11.5 |
| 5+00 | 16.4 | 11.2 |
| | 15.0 | 9.8 |
| | 14.4 | 9.2 |
| | 14.3 | 9.1 |
| | 14.0 | 8.8 |
| 50 | 13.0 | 7.8 |
| | 12.9 | 7.7 |
| | 13.0 | 7.8 |
| 11:45 | 9.3 | 4.1 |
| ≃ | 4.0 | +1.2 |
| 6+00 | 3.1 | +2.1 |
| | 3.0 | +2.2 |
| | 3.0 | +2.2 |
| | 2.9 | +2.3 |
| | 3.0 | +2.2 |
| 50 | 3.0 | +2.2 |
| | 2.9 | +2.3 |
| | 2.5 | +2.7 |
| | 2.2 | +3.0 |
| | 2.1 | +3.1 |
| 7+00 | 1.9 | +3.3 |
| | 1.7 | +3.5 |
| | 1.6 | +3.6 |

| Dist | Sound | Elev |
|---|---|---|
| (52) | 1.6 | +3.6 |
| | 1.5 | +3.7 |
| 50 | 1.1 | +4.1 |
| | 1.0 | +4.2 |
| | 0.9 | +4.3 |
| | 0.7 | +4.5 |
| | 0.6 | +4.6 |
| 8+00 | 0.6 | +4.6 |
| | 1.0 | +4.2 |
| | 1.5 | +3.7 |
| | 1.7 | +3.5 |
| | 2.1 | +3.1 |
| 50 | 2.2 | +3.0 |
| | 2.3 | +2.9 |
| | 2.3 | +2.9 |
| | 2.7 | +2.5 |
| | 3.0 | +2.2 |
| 9+00 | 3.2 | +2.0 |
| | 3.2 | +2.0 |
| | 4.0 | +1.2 |
| | 4.1 | +1.1 |
| ? | 4.2 | +1.0 |
| 50 | 3.3 | +1.9 |
| ? | 2.7 | +2.5 |
| | 3.4 | +1.8 |

STA N.126+00 - EAST 11-18-59

| Dist | Sound | Elev |
|---|---|---|
| (51) | 3.5 | +1.6 |
| 0+00 | 3.6 | +1.5 |
| 10+00 | 4.2 | +0.9 |
| 11:50 | 6.7 | 1.6 |
| | 12.0 | 6.9 |
| | 13.5 | 8.4 |
| 50 | 14.3 | 9.2 |
| 50 | 14.5 | 9.4 |
| | 14.6 | 9.5 |
| | 15.0 | 9.9 |
| | 14.9 | 9.8 |
| | 14.9 | 9.8 |
| 11+00 | 15.0 | 9.9 |
| | 15.1 | 10.0 |
| | 14.5 | 9.4 |
| | 14.4 | 9.3 |
| | 14.2 | 9.1 |
| 50 | 14.3 | 9.2 |
| | 14.5 | 9.4 |
| | 14.7 | 9.6 |
| | 14.5 | 9.4 |
| | 14.3 | 9.2 |
| 12+00 | 14.1 | 9.0 |
| | 14.3 | 9.2 |
| | 15.0 | 9.9 |

| Dist | Sound | Elev |
|---|---|---|
| (51) | 15.1 | 10.1 |
| | 14.8 | 9.7 |
| 50 | 14.8 | 9.7 |
| | 14.9 | 9.8 |
| | 15.1 | 10.0 |
| | 14.9 | 9.8 |
| | 15.1 | 10.0 |
| 13+00 | 15.1 | { |
| | 15.1 | |
| | 15.0 | 9.9 |
| | 15.1 | 10.0 |
| | 15.2 | 10.1 |
| 50 | 15.2 | { |
| | 15.2 | |
| 11:55 | 16.0 | 10.9 |
| | 16.0 | 10.9 |
| | 14.2 | 9.1 |
| 14+00 | 14.0 | 8.9 |
| | 14.2 | 9.1 |
| | 13.7 | 8.6 |
| | 13.8 | 8.7 |
| | 14.0 | 8.9 |
| 50 | 14.0 | 8.9 |

11-19-59

STA N.126+50; 0+00 = W 20,170; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (51) | 1.0 | |
| | 2.2 | |
| 10:00 | 3.2 | |
| | 3.9 | |
| 50 | 4.6 | |
| | 5.9 | |
| | 7.3 | |
| | 7.5 | |
| | 7.6 | |
| 1+00 | 7.7 | |
| | 9.0 | |
| | 10.2 | |
| | 10.7 | |
| | 15.0 | |
| 50 | 15.0 | |
| | 15.1 | |
| | 14.0 | |
| | 15.0 | |
| | 14.9 | |
| 2+00 | 16.0 | |
| | 14.2 | |
| | 14.8 | |
| | 13.5 | |

| Dist | Sound | Elev |
|---|---|---|
| (57) | 14.6 | |
| 50 | 14.1 | |
| 10:05 | 14.9 | |
| | 15.3 | |
| | 14.5 | |
| | 15.2 | |
| 3+00 | 14.0 | |
| | 14.9 | |
| | 13.2 | |
| | 13.2 | |
| | 16.5 | |
| 50 | 17.0 | |
| | 16.6 | |
| | 16.2 | |
| | 16.1 | |
| | 16.1 | |
| 4+00 | 15.3 | |
| | 16.0 | |
| | 16.1 | |
| | 16.9 | |
| | 17.1 | |
| 50 | 17.0 | |
| | 16.8 | |
| | 16.0 | |

STA. N.126+50 - EAST 11-19-59

| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 15.5 | |
| | 15.5 | |
| 5+00 | 15.6 | |
| | 15.9 | |
| 10:40 | 15.1 | |
| | 15.0 | |
| | 15.3 | |
| 50 | 15.1 | |
| | 15.0 | |
| | 13.0 | |
| | 13.0 | |
| | 13.3 | |
| 6+00 | 13.4 | O.K. |
| | 13.8 | |
| | 13.8 | |
| | 13.7 | |
| | 13.7 | |
| 50 | 13.6 | |
| | 13.1 | |
| | 13.2 | |
| | 13.3 | |
| | 13.4 | |
| 7+00 | 13.2 | |
| | 13.2 | |
| | 13.2 | |

| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 12.0 | |
| | 11.1 | |
| 50 | 11.2 | |
| | 8.4 | |
| | 8.0 | |
| | 9.1 | |
| | 10.0 | |
| 8+00 | 9.8 | |
| 10:15 | 8.9 | |
| | 9.9 | |
| | 12.3 | |
| | 12.3 | |
| 50 | 12.3 | |
| | 12.0 | |
| | 11.4 | |
| | 10.4 | |
| | 12.0 | |
| 9+00 | 13.5 | |
| | 14.2 | |
| | 14.5 | |
| | 14.9 | |
| | 14.9 | |
| 50 | 14.8 | |
| | 14.0 | |
| | 14.1 | |

SANTA CLARA EXTENSION

O.K.



STA. N.126+50 - EAST

| Dist | Sound | Elev |
|---|---|---|
| (57) | 14.7 | |
| | 14.8 | |
| 10+00 | 14.7 | |
| | 14.5 | |
| | 14.4 | |
| | 13.9 | |
| | 14.2 | |
| 50 | 14.5 | |
| | 15.2 | |
| | 16.0 | |
| | 16.2 | |
| | 16.0 | O.K. |
| 11+00 | 16.0 | |
| | 15.9 | |
| | 15.5 | |
| | 14.8 | |
| | 14.9 | |
| 50 | 14.5 | |
| | 15.1 | |
| | 15.0 | |
| | 15.0 | |
| | 15.1 | |
| 12+00 | 14.5 | |
| | 14.2 | |
| | 15.0 | |

| Dist | Sound | Elev |
|---|---|---|
| (57) | 15.1 | |
| | 15.1 | |
| 50 | 15.2 | |
| | 14.9 | |
| 10:20 | 15.3 | |
| | 15.2 | |
| | 15.1 | |
| 13+00 | 15.2 | |
| | 15.2 | |
| | 15.0 | |
| | 15.3 | |
| | 15.4 | O.K. |
| 50 | 15.3 | |
| | 16.0 | |
| | 15.9 | |
| | 15.8 | |
| | 15.4 | |
| 14+00 | 14.8 | |
| | 14.3 | |
| | 14.1 | |
| | 14.0 | |
| | 13.9 | |
| 50 | 13.8 | |
| | 13.8 | |
| 70 | 13.9 | |

11-19-59

STA. N. 127+00; 0+00 = W 20,190; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (5.7) | 1.1 | |
| | 2.7 | |
| 10:30 | 3.3 | |
| | 4.0 | |
| 50 | 4.8 | |
| | 6.0 | |
| | 7.7 | |
| | 8.8 | |
| | 8.8 | |
| 1+00 | 8.5 | |
| | 9.0 | |
| | 9.6 | |
| | 13.2 | |
| | 15.0 | |
| 50 | 15.0 | |
| | 15.1 | |
| | 14.9 | |
| | 14.9 | |
| | 15.1 | |
| 2+00 | 14.9 | |
| | 15.3 | |
| | 14.8 | |
| | 14.0 | |

| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 14.2 | |
| 50 | 13.8 | |
| | 14.0 | |
| 10:35 | 14.4 | |
| | 14.7 | |
| | 14.8 | |
| 3+00 | 14.8 | |
| | 14.7 | |
| | 14.1 | |
| | 13.5 | |
| | 13.2 | |
| 50 | 13.2 | |
| | 13.1 | |
| | 13.2 | |
| | 13.4 | |
| | 13.3 | |
| 4+00 | 13.3 | |
| | 13.4 | |
| | 16.4 | |
| | 16.9 | |
| | 16.9 | |
| 50 | 16.8 | |
| | 16.8 | |
| | 16.5 | |



STA. N. 127+00 - EAST

| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 16.6 | |
| | 16.8 | |
| 5+00 | 16.5 | |
| 10:40 | 16.8 | |
| | 16.1 | |
| | 15.9 | |
| | 15.8 | |
| 50 | 15.4 | |
| | 13.9 | |
| | 14.1 | |
| | 14.1 | |
| | 14.4 | |
| 6+00 | 14.5 | |
| | 14.2 | |
| | 14.1 | |
| | 14.1 | |
| | 14.1 | |
| 50 | 14.1 | |
| | 14.2 | |
| | 14.1 | |
| | 14.4 | |
| | 14.7 | |
| 7+00 | 14.3 | |
| | 14.3 | |
| | 14.2 | |

| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 14.1 | |
| | 14.2 | |
| 50 | 14.1 | |
| | 14.2 | |
| | 14.2 | |
| | 14.0 | |
| | 13.8 | |
| 8+00 | 13.6 | |
| | 13.5 | |
| | 13.4 | |
| | 13.3 | |
| | 15.2 | |
| 50 | 15.6 | |
| | 15.5 | |
| | 15.7 | |
| | 15.8 | |
| | 15.6 | |
| 9+00 | 15.3 | |
| | 15.2 | |
| | 15.8 | |
| | 15.5 | |
| | 15.6 | |
| 50 | 15.7 | |
| | 15.0 | |
| | 15.0 | |

STA. N.127+00 - EAST 11-19-59

| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 15.1 | |
| | 14.9 | |
| 10+00 | 15.0 | |
| 10:45 | 15.0 | |
| | 14.9 | |
| | 14.7 | |
| | 14.3 | |
| 50 | 14.3 | |
| | 14.4 | |
| | 14.9 | |
| | 15.4 | |
| | 15.3 | F1 |
| 11+00 | 15.2 | 01 |
| | 15.3 | |
| | 15.6 | |
| | 15.7 | |
| | 15.4 | |
| 50 | 15.1 | |
| | 15.1 | |
| | 15.0 | |
| | 15.7 | |
| | 15.2 | |
| 12+00 | 15.4 | |
| | 15.4 | |
| | 15.7 | |

| Dist | Sound | Elev |
|---|---|---|
| (5.7) | 15.3 | |
| | 15.7 | |
| 50 | 15.8 | |
| | 15.7 | |
| | 15.7 | |
| | 15.6 | |
| | 15.9 | |
| 13+00 | 15.8 | |
| | 15.4 | 15 |
| | 15.1 | 0 |
| | 15.0 | |
| | 14.9 | |
| 50 | 15.8 | |
| | 15.3 | |
| 10:50 | 15.2 | |
| | 15.8 | |
| | 15.9 | |
| 14+00 | 15.9 | |
| | 14.8 | |



11-19-59

STA. N.127+50; 0+00 = W.20,210 ; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (56) | 0.8 | |
| | 2.3 | |
| 11:00 | 3.1 | |
| | 3.9 | |
| 50 | 4.8 | |
| | 5.8 | |
| | 7.4 | |
| | 9.8 | |
| | 9.3 | |
| 1+00 | 9.3 | |
| | 9.3 | |
| | 14.5 | |
| | 14.9 | |
| | 13.5 | |
| 50 | 12.0 | |
| | 14.8 | |
| | 14.8 | |
| | 15.0 | |
| | 15.0 | |
| 2+00 | 15.1 | O.K. |
| | 14.2 | |
| | 14.8 | |
| | 14.7 | |

| Dist | Sound | Elev |
|---|---|---|
| (56) | 14.9 | |
| 50 | 14.1 | |
| | 13.8 | |
| | 13.7 | |
| 11:05 | 14.0 | |
| | 14.5 | |
| 3+00 | 14.4 | |
| | 14.8 | |
| | 14.8 | |
| | 14.5 | |
| | 13.9 | |
| 50 | 14.8 | O.K. |
| | 14.7 | |
| | 14.5 | |
| | 13.3 | |
| | 13.2 | |
| 4+00 | 13.8 | |
| | 13.5 | |
| | 13.3 | |
| | 13.2 | |
| | 16.8 | |
| 50 | 17.2 | |
| | 16.9 | |
| | 16.7 | |

STA. N. 127+50 - EAST 11-19-59

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| (5.6) | 16.5 | | (5.3) | 14.5 | |
| | 16.3 | | | 14.9 | |
| 5+00 | 16.3 | | 50 | 14.9 | |
| 11:10 | 16.2 | | | 15.1 | |
| | 16.6 | | | 15.2 | |
| | 16.0 | | 11:15 | 14.9 | |
| | 15.8 | | | 14.7 | |
| 50 | 16.1 | | 8+00 | 14.5 | |
| | 15.5 | | | 14.3 | |
| | 14.0 | | | 14.3 | |
| | 14.1 | | | 14.3 | |
| | 14.2 | OK | | 14.9 | |
| 6+00 | 14.8 | | 50 | 15.3 | |
| | 14.8 | | | 15.7 | |
| | 14.8 | | | 16.0 | |
| | 14.6 | | | 15.2 | |
| | 14.7 | | | 15.2 | |
| 50 | 14.7 | | 9+00 | 15.1 | |
| | 14.6 | | | 14.9 | |
| | 14.7 | | | 14.7 | |
| | 15.0 | | | 15.0 | |
| | 15.0 | | | 15.1 | |
| 7+00 | 14.9 | | 50 | 15.1 | |
| | 14.9 | | | 15.4 | |
| | 14.1 | | | 15.6 | |
| | | | | 15.4 | |
| | | | | 15.4 | |
| | | | 10+00 | 15.5 | |

11-19-59

STA. N. 128+00; 0+00 = W. 20,230; SOUND EAST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 0+00 | | | (5.3) | 14.9 | 9.6 |
| (5.4) | 1.0 | +4.4 | 50 | 14.8 | 9.5 |
| | 2.1 | +3.3 | | 15.1 | 9.8 |
| 11:36 | 3.0 | +2.4 | | 14.8 | 9.5 |
| | 3.8 | +1.6 | 11:40 | 14.8 | 9.5 |
| 50 | 4.4 | +1.0 | | 14.7 | 9.4 |
| | 5.4 | 0.0 | 3+00 | 14.6 | 9.3 |
| | 7.3 | 1.9 | | 15.0 | 9.7 |
| | 8.5 | 3.1 | | 14.9 | 9.6 |
| | 9.0 | 3.6 | | 14.9 | 9.6 |
| 1+00 | 9.3 | 3.9 | | 14.7 | 9.4 |
| | 9.5 | 4.1 | 50 | 14.8 | 9.5 |
| | 13.1 | 7.7 | | 14.8 | 9.5 |
| | 15.7 | 10.3 | | 14.4 | 9.1 |
| | 15.1 | 9.7 | | 13.1 | 7.8 |
| 50 | 14.8 | 9.4 | | 12.5 | 7.2 |
| | 14.6 | 9.2 | 4+00 | 12.6 | 7.3 |
| | 14.3 | 8.9 | | 12.8 | 7.5 |
| | 14.2 | 8.8 | | 12.8 | 7.5 |
| | 14.3 | 8.9 | | 12.7 | 7.4 |
| 2+00 | 14.6 | 9.2 | | 12.8 | 7.5 |
| | 14.7 | 9.3 | 50 | 13.0 | 7.7 |
| | 15.0 | 9.6 | | 13.1 | 7.8 |
| | 14.9 | 9.5 | | 16.2 | 10.9 |

STA. N. 128+00 - EAST 11-19-59

| Dist | Sound | Elev |
|---|---|---|
| (53) | 17.0 | 11.7 |
| | 16.8 | 11.5 |
| 5+00 | 16.4 | 11.1 |
| | 15.3 | 10.0 |
| | 15.6 | 10.3 |
| | 15.9 | 10.6 |
| | 15.5 | 10.2 |
| 50 | 14.6 | 9.3 |
| | 14.3 | 9.0 |
| | 14.2 | 8.9 |
| | 14.1 | 8.8 |
| | 13.7 | 8.4 |
| 6+00 | 14.4 | 9.1 |
| | 14.7 | 9.4 |
| | 15.0 | 9.7 |
| | 15.0 | 9.7 |
| | 15.2 | 9.9 |
| 50 | 15.8 | 10.5 |
| | 15.5 | 10.2 |
| | 15.3 | 10.0 |
| | 14.9 | 9.6 |
| | 14.8 | 9.5 |
| 7+00 | 14.8 | 9.5 |
| | 15.0 | 9.7 |
| | 15.0 | 9.7 |

| Dist | Sound | Elev |
|---|---|---|
| (52) | 15.0 | 9.8 |
| | 14.7 | 9.5 |
| 50 | 14.7 | 9.5 |
| | 14.6 | 9.4 |
| 11:45 | 14.5 | 9.3 |
| = | 14.8 | 9.6 |
| | 15.0 | 9.8 |
| 8+00 | 15.1 | 9.9 |
| | 14.8 | 9.6 |
| | 14.9 | 9.7 |
| | 14.9 | { |
| | 14.9 | { |
| 50 | 14.7 | 9.5 |
| | 14.6 | 9.4 |
| | 14.3 | 9.1 |
| | 14.2 | 9.0 |
| | 15.1 | 9.9 |
| 9+00 | 15.1 | { |
| | 15.1 | { |
| | 15.0 | 9.8 |
| | 14.8 | 9.6 |
| | 14.5 | 9.3 |
| 50 | 14.3 | 9.1 |
| | 14.6 | 9.4 |
| | 14.0 | 8.8 |

STA. N. 128+00 - EAST

| Dist | Sound | Elev |
|---|---|---|
| (32) | 15.5 | 10.3 |
| | 16.0 | 10.8 |
| 10+00 | 16.0 | 10.8 |
| | 15.9 | 10.7 |
| | 15.6 | 10.4 |
| | 15.5 | 10.3 |
| | 15.2 | 10.0 |
| 50 | 15.3 | 10.1 |
| | 15.4 | 10.2 |
| 11:50 | 15.2 | 10.0 |
| = | 15.1 | 9.9 |
| | 14.2 | 9.0 |
| 11+00 | 13.7 | 8.5 |

11-19-59

STA. N. 128+50; 0+00 = W. 20,250'; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (4.3) | | |
| | 0.6 | |
| 1:05 | 1.5 | |
| | 2.5 | |
| 50 | 3.0 | |
| | 4.0 | |
| | 5.1 | |
| | 7.0 | |
| | 8.1 | |
| 1+00 | 8.5 | |
| | 9.0 | |
| | 9.1 | |
| | 9.8 | |
| | 10.4 | |
| 50 | 14.0 | |
| | 13.5 | |
| | 13.2 | |
| | 13.1 | |
| | 13.1 | |
| 2+00 | 13.3 | |
| | 13.4 | |
| | 13.7 | |
| | 13.8 | |

| Dist | Sound | Elev |
|---|---|---|
| (4.2) | 13.4 | |
| 50 | 13.6 | |
| | 14.2 | |
| | 14.1 | |
| | 14.0 | |
| | 13.9 | |
| 3+00 | 13.9 | |
| | 13.8 | |
| | 13.8 | |
| 1:10 | 12.8 | |
| | 13.0 | |
| 50 | 13.1 | |
| | 13.8 | |
| | 12.6 | |
| | 12.3 | |
| | 12.5 | |
| 4+00 | 12.5 | |
| | 12.6 | |
| | 12.4 | |
| | 12.1 | |
| | 11.9 | |
| 50 | 12.1 | |
| | 12.2 | |
| | 12.4 | |

STA. N. 128+50 - EAST

| Dist | Sound | Elev |
|---|---|---|
| (4.1) | 12.7 | |
| | 12.7 | |
| 5+00 | 12.8 | |
| | 13.1 | |
| | 13.3 | |
| | 14.1 | |
| | 14.2 | |
| 50 | 13.2 | |
| | 13.4 | |
| | 13.2 | |
| | 12.5 | |
| | 12.9 | |
| 6+00 | 12.8 | |
| | 13.6 | |
| | 13.9 | |
| 1:15 | 14.1 | |
| | 14.1 | |
| 50 | 14.0 | |
| | 13.8 | |
| | 13.4 | |
| | 13.0 | |
| | 12.8 | |
| 7+00 | 12.7 | |
| | 12.3 | |
| | 12.7 | |

| Dist | Sound | Elev |
|---|---|---|
| (4.1) | 12.7 | |
| | 12.4 | |
| 50 | 12.6 | |
| | 12.3 | |
| | 12.5 | |
| | 12.5 | |
| | 12.3 | |
| 8+00 | 12.6 | |
| | 12.4 | |
| | 12.1 | |
| | 12.2 | |
| | 12.0 | |
| 50 | 12.0 | |
| | 12.0 | |
| | 11.9 | |
| | 11.8 | |
| | 11.2 | |
| 9+00 | 11.9 | |
| | 12.1 | |
| | 11.3 | |
| | 12.0 | |
| | 12.8 | |
| 50 | 12.8 | |
| | 12.8 | |
| | 12.8 | |

STA. N. 128+50 - EAST — 11-19-59

| Dist | Sound | Elev |
|---|---|---|
| (40) | 12.6 | |
| | 12.8 | |
| 10+00 | 12.5 | |
| | 12.1 | |
| 1;20 | 12.1 | |
| ≈ | 12.2 | |
| | 12.2 | |
| 50 | 12.1 | |
| | 12.1 | |
| | 12.1 | |
| | 12.2 | |
| | 12.8 | |
| 11+00 | 13.0 | |
| | 13.0 | |
| | 12.5 | |
| | 12.7 | |
| | 12.7 | |
| 50 | 12.7 | |
| | 12.8 | |
| | 12.7 | |
| | 12.7 | |
| | 12.8 | |
| 12+00 | 12.6 | |
| | 12.2 | |
| | 12.1 | |

O.K.

| Dist | Sound | Elev |
|---|---|---|
| (39) | 12.8 | |
| | 13.1 | |
| 50 | 13.0 | |
| | 12.8 | |
| | 12.7 | |
| | 12.5 | |
| | 12.2 | |
| 13+00 | 12.2 | |
| | 12.4 | |
| | 12.1 | |
| | 12.1 | |
| | 12.3 | |
| 50 | 12.3 | |
| | 12.9 | |
| | 12.9 | |
| | 13.0 | |
| | 12.8 | |
| | 13.3 | |
| 14+00 | 12.8 | |
| | 11.6 | |
| | 11.3 | |
| | 11.3 | |
| | 11.4 | |
| 14+50 | 11.5 | |
| | 11.8 | |
| 1;25 | 11.7 | |
| ≈ | 11.6 | |
| | 11.4 | |
| 15+00 | 11.8 | |
| | 11.7 | |
| | 12.0 | |
| | 12.0 | |
| | 11.9 | |
| 15+50 | 12.0 | |
| | 11.9 | |
| | 11.8 | |
| | 11.8 | |
| | 11.4 | |
| 16+00 | 11.5 | |
| | 11.5 | |
| | 11.3 | |
| | 11.6 | |
| | 11.6 | |
| 16+50 | 12.0 | |
| | 11.3 | |
| | 11.6 | |
| | 11.3 | |
| | 11.4 | |
| 17+00 | 11.5 | |

O.K.

11-19-59

STA. N. 129+00; 0+00 = N. 20,270 ; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (37) | 0.1 | |
| | 1.4 | |
| 1;38 | 1.7 | |
| ≈ | 2.0 | |
| 50 | 2.7 | |
| | 3.4 | |
| | 4.3 | |
| | 6.1 | |
| | 6.7 | |
| 1+00 | 7.9 | |
| | 8.3 | |
| | 9.4 | |
| | 10.0 | |
| | 10.5 | |
| 50 | 12.1 | |
| | 13.3 | |
| | 14.1 | |
| | 13.7 | |
| | 12.8 | |
| 2+00 | 12.4 | |
| | 12.3 | |
| | 12.5 | |
| | 12.6 | |

O.K.

| Dist | Sound | Elev |
|---|---|---|
| (37) | 12.7 | |
| 50 | 12.7 | |
| 1;40 | 12.6 | |
| ≈ | 13.0 | |
| | 13.0 | |
| | 12.9 | |
| 3+00 | 12.9 | |
| | 12.8 | |
| | 12.9 | |
| | 13.0 | |
| | 12.9 | |
| 50 | 12.8 | |
| | 13.1 | |
| | 13.1 | |
| | 13.0 | |
| | 12.8 | |
| 4+00 | 12.7 | |
| | 12.4 | |
| | 12.5 | |
| | 12.8 | |
| | 12.9 | |
| 50 | 12.8 | |
| | 12.9 | |
| | 12.9 | |

O.K.

STA. N. 129+00 - EAST  11-19-59

| DIST | Sound | Elev |
|---|---|---|
| (3.6) | 13.0 | |
| | 13.0 | |
| 5+00 | 12.9 | |
| | 13.0 | |
| | 13.1 | |
| | 14.2 | |
| | 14.1 | |
| 50 | 14.0 | |
| | 13.7 | |
| | 13.0 | |
| | 12.5 | |
| | 11.9 | |
| 6+00 | 11.5 | K |
| | 11.8 | 0. |
| 1:45 | 12.3 | |
| = | 14.6 | |
| | 14.2 | |
| 50 | 14.3 | |
| | ~~14.2~~ | |
| | 14.0 | |
| | 13.4 | |
| | 12.7 | |
| 7+00 | 11.9 | |
| | 13.0 | |
| | 11.9 | |

| DIST | Sound | Elev |
|---|---|---|
| | 12.1 | |
| | 12.0 | |
| 50 | 11.9 | |
| | 12.5 | |
| | 12.2 | |
| | 12.1 | |
| | 12.0 | |
| 8+00 | 12.0 | |
| | 12.0 | |
| | 12.1 | |
| | 12.1 | |
| | 12.0 | O K |
| 50 | 12.0 | 0 |
| | 12.0 | |
| | 12.0 | |
| | 12.0 | |
| | 11.9 | |
| 9+00 | 11.9 | |
| | 11.9 | |
| | 12.0 | |
| | 11.7 | |
| | 11.5 | |
| 50 | 11.7 | |
| | 11.9 | |
| | 12.0 | |

STA. N. 129+00 - EAST

| DIST | Sound | Elev |
|---|---|---|
| (35) | 12.3 | |
| | 12.3 | |
| 10+00 | 12.2 | |
| 1:50 | 12.0 | |
| = | 12.1 | K |
| | 12.3 | 0 |
| | 12.3 | |
| 50 | 12.1 | |

11-19-59

STA. N. 129+50; 0+00 = N. 20,290 ; SOUND EAST

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (34) | | |
| | 0.3 | |
| 1:56 | 0.8 | |
| | 1.5 | |
| 50 | 2.3 | |
| | 3.1 | |
| | 4.3 | |
| | 5.4 | |
| | 6.1 | |
| 1+00 | 7.0 | |
| | 8.0 | |
| | 8.6 | |
| | 11.2 | |
| | 13.4 | |
| 50 | 13.6 | |
| | 13.2 | |
| | 13.2 | |
| | 13.3 | |
| | 13.4 | |
| 2+00 | 13.3 | |
| | 13.2 | |
| | 12.1 | |
| | 12.2 | |
| (33) | 12.2 | |
| 50 | 12.3 | |
| | 12.1 | |
| 2:00 | 12.7 | |
| | 12.7 | |
| | 12.8 | |
| 3+00 | 12.7 | |
| | 12.4 | |
| | 12.3 | |
| | 12.3 | |
| | 12.5 | |
| 50 | 12.4 | |
| | 12.3 | |
| | 12.3 | |
| | 12.3 | |
| | 12.6 | |
| 4+00 | 12.5 | |
| | 11.3 | |
| | 11.2 | |
| | 11.3 | |
| | 11.4 | |
| 50 | 11.5 | |
| | 11.4 | |
| | 11.6 | |

O.K.

O.K.

STA. N. 129+50 - EAST

| Dist | Sound | Elev |
|---|---|---|
| (33) | 11.4 | |
| | 11.2 | |
| 5+00 | 11.2 | |
| | 11.2 | |
| | 11.3 | |
| | 13.0 | |
| | 13.2 | |
| 50 | 13.1 | |
| | 13.1 | |
| | 13.0 | |
| | 12.9 | |
| | 12.2 | |
| 6+00 | 11.9 | |
| | 11.7 | |
| | 11.7 | |
| | 11.8 | |
| | 12.1 | |
| 50 | 13.0 | |
| | 13.9 | |
| | 13.7 | |
| | 13.2 | |
| | 13.2 | |
| 7+00 | 12.8 | |
| | 11.9 | |
| | 11.5 | |
| (32) | 11.1 | |
| | 11.4 | |
| 50 | 11.9 | |
| 2:05 | 12.0 | |
| | 12.0 | |
| | 11.8 | |
| | 11.9 | |
| 8+00 | 11.9 | |
| | 12.0 | |
| | 12.0 | |
| | 12.0 | |
| | 12.1 | |
| 50 | 12.2 | |
| | 12.1 | |
| | 11.8 | |
| | 11.7 | |
| | 11.7 | |
| 9+00 | 11.7 | |
| | 11.5 | |
| | 11.5 | |
| | 11.5 | |
| | 11.2 | |
| 50 | 11.2 | |
| | 11.2 | |
| | 11.2 | |

O.K.

O.K.

STA. N. 129+50 - EAST 11-19-59

| Dist | Sound | Elev |
|---|---|---|
| (3.1) | 11.2 | |
| | 11.2 | |
| 10+00 | 11.2 | |
| | 11.3 | |
| 2:08 | 11.4 | |
| | 11.3 | |
| | 11.2 | |
| 50 | 11.2 | |

12-4-59

STA. N. 137+00; 0+00 = W. 16,830; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 4+00 | 15.0 | | | 13.5 | |
| (5.7) | 15.2 | | | 13.4 | |
| | 15.0 | | | 13.2 | |
| 9:58 | 13.3 | | | 13.3 | |
| | 13.2 | | 5+00 | 13.2 | |
| 50 | 13.3 | | | | |

STA. N. 137+50; 0+00 = W 16840; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 4+50 | 13.6 | | | 13.9 | |
| | 13.7 | | | 13.7 | |
| 10:05 | 13.5 | | | 13.3 | |
| | 13.8 | | | 14.0 | |
| | 13.9 | | 50 | 13.1 | |
| 5+00 | 13.9 | | | | |

STA. N. 138+50; 0+00 = W 16860; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 4+30 | 15.0 | | | 14.1 | |
| | 13.3 | | | 13.9 | |
| 50 | 14.1 | | | 14.1 | |
| | 14.0 | | | 14.0 | |
| 10:10 | 14.5 | | 50 | 14.0 | |
| | 14.5 | | | | |
| | 13.8 | | | | |
| 5+00 | 14.2 | | | | |

(B/L = MB. 97) 12-4-59

STA. N. 139+00; 0+00 = W16880; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 4+50 | 13.0 | | | 13.3 | |
| (5.8) | 13.5 | | | 13.6 | |
| | 13.5 | | | 13.1 | |
| 10;15 | 13.1 | | | 14.0 | |
| | 13.6 | | 50 | 14.1 | |
| 5+00 | 13.3 | | | | |

STA. N. 128+50; 0+00 = W16,560; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 3+30 | 15.2 | | (6.1) | 15.0 | |
| (6.1) | 14.1 | | 5+00 | 14.9 | |
| 50 | 14.3 | | | 15.0 | |
| | 14.4 | | | 14.3 | |
| 11;20 | 14.8 | | | 15.0 | |
| | 15.0 | | | 15.0 | |
| | 14.2 | | 50 | 14.9 | |
| 4+00 | 14.7 | | | 14.0 | |
| | 15.0 | | | 14.3 | |
| | 14.9 | | | 14.9 | |
| | 14.8 | | | 14.7 | |
| | 15.0 | | 6+00 | 14.2 | |
| 50 | 15.0 | | | | |
| | 15.0 | | | | |
| | 15.1 | | | | |
| | 15.1 | | | | |



(See B/L MB 117/51) 12-4-59

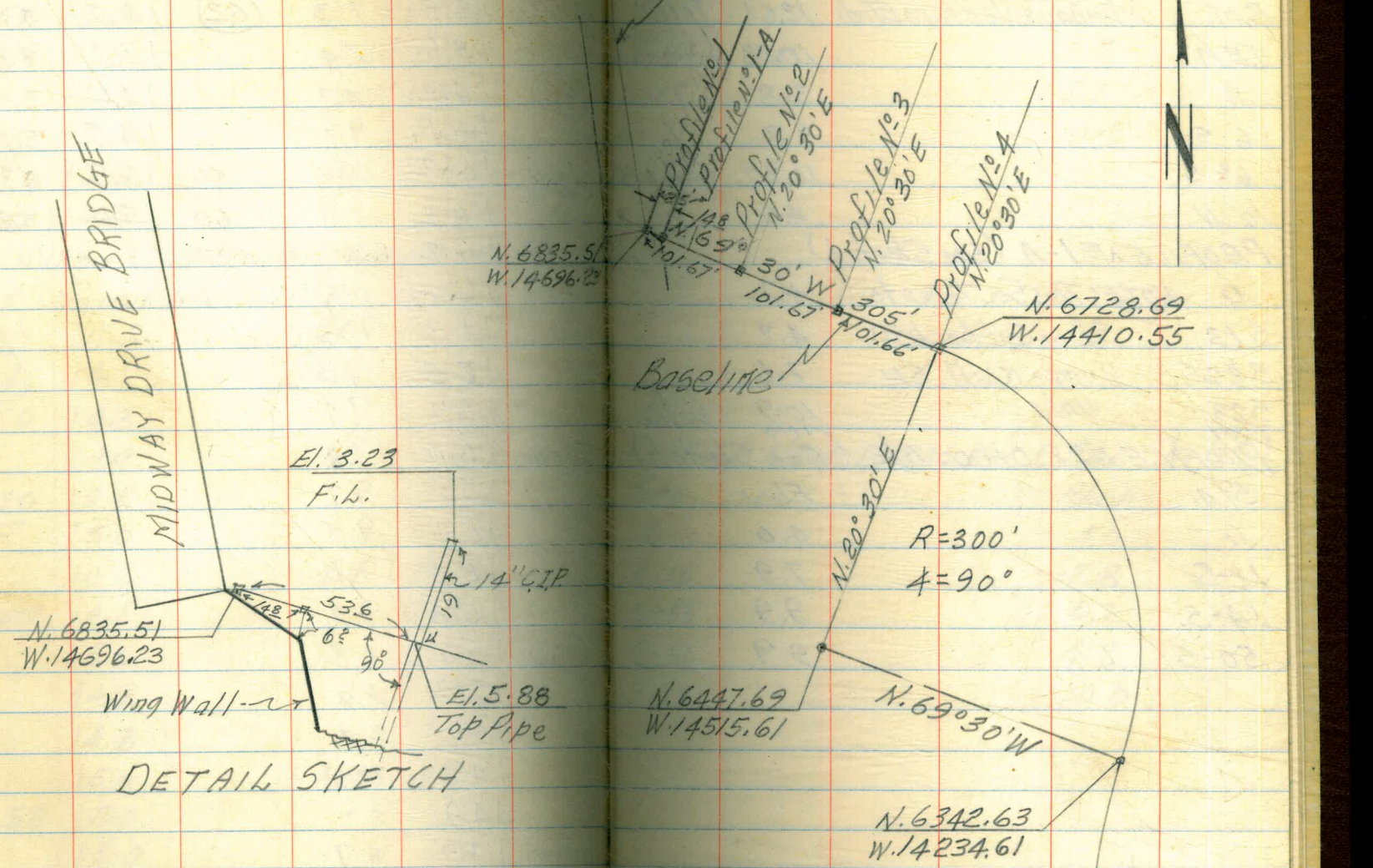
STA. N. 126+00; 0+00 = W. 16,500; SOUND WEST

| Dist | Sound | Elev | Dist | Sound | Elev |
|---|---|---|---|---|---|
| 3+90 | 13.5 | 7.3 | (6.2) | 14.5 | 8.3 |
| 4+00 | 13.6 | 7.4 | | 14.5 | 8.3 |
| (6.2) | 14.9 | 8.7 | | 14.6 | 8.4 |
| | 16.1 | 9.9 | | 14.5 | 8.3 |
| 11;10 | 16.2 | 10.0 | 50 | 14.5 | 8.3 |
| | 16.2 | 10.0 | 60 | 15.0 | 8.8 |
| 50 | 16.2 | 10.0 | | | |
| | 16.2 | 10.0 | | | |
| | 16.3 | 10.1 | | | |
| | 16.5 | 9.3 | | | |
| | 16.1 | 9.9 | | | |
| 5+00 | 16.0 | 9.8 | | | |
| | 15.9 | 9.7 | | | |
| | 15.7 | 9.5 | | | |
| | 15.3 | 9.1 | | | |
| | 15.2 | 9.0 | | | |
| 50 | 15.0 | 8.8 | | | |
| | 15.0 | 8.8 | | | |
| | 15.0 | 8.8 | | | |
| | 14.9 | 8.7 | | | |
| | 14.9 | 8.7 | | | |
| 6+00 | 14.9 | 8.7 | | | |
| | 14.8 | 8.6 | | | |
| | 14.6 | 8.4 | | | |

# BASELINE LAYOUT FOR PROFILES
## VICINITY OF PEREZ COVE W.O. 64501

12-8-59 Stamper

MIDWAY DRIVE BRIDGE




DETAIL SKETCH

12-8-59

Stamper
Blunt
Standley
Hecht

PROFILE No 1, 0+00 = B/L. (See Sketch)

| Sta | | Elev | |
|---|---|---|---|
| B.M. | L+Tk. $H_2O$ Vault NW Cor. Midway & Ventura Bluds | 12.61 | "Isle" |
| T.B.M. | | 10.88 | N.E. Cor. Conc @ Western Const. |
| 0 | | 3.8 | |
| 6 S | | 3.8 | |
| 6 2 S | | 10.80 | Top Wing-wall |
| 10 N | | 4.0 | |

PROFILE No 1-A (see Sketch)

| | | | |
|---|---|---|---|
| 0 | NOTE: This Sec. Taken to | 4.1 | |
| S13 | Show Cut back @ | 4.7 | |
| S22 | Wing-wall; S'ly | 7.6 | |
| S23 | only | 10.9 | Top bank |
| S30 | | 11.0 | |

PROFILE No 2, 0+00 = B/L. (See Sketch)

| Sta. | Elev |
|---|---|
| 0 | 4.0 |
| 12-S. | 7.9 |
| 14-S. | 9.9 |
| 50-S | 9.9 |

PROFILE No 3, 0+00 = B/L (See Sketch)

| Sta. | Elev |
|---|---|
| 0 | 6.2 |
| N. 15 | 2.8 |
| S-15 | 7.1 |
| S-21 | 10.2 |
| S-50 | |

PROFILE No 4, 0+00 = B/L (See Sketch)

| Sta | Elev |
|---|---|
| 0 | 4.0 |
| N-15 | 2.8 |
| S-55 | 6.7 |
| S-56 | 9.2 |
| S-75 | 10.0 |

12-8-59

SOUNDING PROFILE Nº 1, 0+00 = BASELINE
SOUND N. 20°30'E (See Sketch)

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (3.5) | | |
| | 0.0 | +3.5 |
| 1;40 | 2.0 | +1.5 |
| | 2.8 | +0.7 |
| 50 | 5.9 | -2.4 |
| | 8.1 | 4.6 |
| | 9.8 | 6.3 |
| 80 | 11.1 | 7.6 |
| (3.5) | 11.2 | 7.7 |
| 1+00 | 12.7 | 9.2 |
| | 13.3 | 9.8 |
| | 13.4 | 9.9 |
| | 13.5 | 10.0 |
| | 13.4 | 9.9 |
| 50 | 13.4 | 9.9 |

SOUNDING PROFILE Nº 2, 0+00 = BASELINE
SOUND N. 20°30'E

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (3.5) | 1.1 | +2.4 |
| | 1.4 | +2.1 |
| 1;45 | 1.7 | +1.8 |
| | 3.0 | +0.5 |
| 50 | 6.6 | 3.1 |
| | 9.5 | 6.0 |
| | 11.1 | 7.6 |
| | 12.0 | 8.5 |
| | 12.1 | 8.6 |
| 1+00 | 12.5 | 9.0 |
| | 12.4 | 8.9 |
| | 12.3 | 8.8 |
| | 12.3 | 8.8 |
| | 12.4 | 8.9 |
| 50 | 12.0 | 8.5 |

SOUNDING PROFILE Nº 3, 0+00 = BASELINE
SOUND N. 20°30'E

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (3.5) | | |
| | 1.0 | +2.5 |
| 1;50 | 1.4 | +2.1 |
| | 4.9 | 1.4 |
| 50 | 7.3 | 3.8 |
| | 8.8 | 5.3 |
| | 9.9 | 6.4 |
| 80 | 10.9 | 7.4 |
| 1+00 | 11.1 | 7.6 |
| | 11.1 | 7.6 |
| | 11.2 | 7.7 |
| | 11.3 | 7.8 |
| | 11.4 | 7.9 |
| 50 | 11.4 | 7.9 |

SOUNDING PROFILE Nº 4, 0+00 = BASELINE

| Dist | Sound | Elev |
|---|---|---|
| 0+00 | | |
| (3.6) | 0.7 | +2.9 |
| | 1.5 | +2.1 |
| 1;55 | 2.4 | +1.2 |
| 50 | 4.5 | 0.9 |
| | 8.0 | 4.4 |
| | 9.2 | 5.6 |
| | 9.9 | 6.3 |
| | 10.0 | 6.4 |
| 1+00 | 10.1 | 6.5 |
| | 10.2 | 6.6 |
| | 10.5 | 6.9 |
| | 10.6 | 7.0 |
| | 10.3 | 6.7 |
| 50 | 10.5 | 6.9 |
| ~~50~~ | 10.4 | 6.8 |
| 50 | | |