

MISSION BAY
PROJECT NO. 6

4

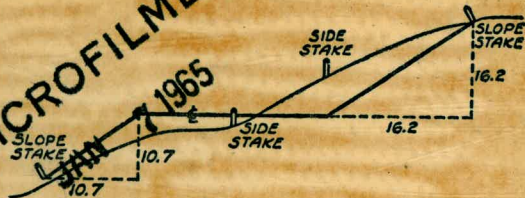
LEVEL BOOK

NO. 4

MISSION BAY



MICROFILMED
1965



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double line method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

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U. S. ENGINEER OFFICE
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BIRMINGHAM SEATTLE

LITHOGRAPHED IN WATERPROOF INK ON
WATER-REPELLANT RAG PAPER AND SEC-
TION SEWED.

MADE IN U.S.A.

TITLE

MISSION BAY AREA

"Right" and "Left" on Cross Section Notes
means right and left when facing increasing
stationing, except on plus stationing
where right and left means facing 0+00

ORIGINAL X-SECTIONS PROJ NO 6 &
OTHER SURVEY DATA

INDEX

PAGES	SECTION	DATE
1-2	129+00-ORIGINAL	6-1-46
3-4	128+00 "	
5-6	127+00 "	
7-8	126+00 "	
9-10	125+00 "	
11-12	122+00 "	
13-14	121+00 "	
15-16	123+00 "	
17-18	120+00 "	
18-19	119+00 "	
20-21	117+00 "	
22-23-24	116+00 "	
24-26	115+00 "	
27-29	114+00 "	
29-31	113+00 "	
32-34	107+00 "	
34-36	108+00 "	
37-39	109+00 "	
39-41	110+00 "	
42-44	111+00 "	
45-46	TOPOGRAPHIC FEATURES SUNSET POINT	
47	141-140 W. SHORE ORIGINAL SOUNDINGS	
48	139-138 " " "	
49	137-136 " " "	

INDEX

PAGES	SECTION	DATE
50	135-134 W. SHORE ORIGINAL SOUNDINGS	10-16-46
51	133-132 " " "	10-16-46
52	131+00 " " "	"
52-53	65+00 ORIGINAL SOUNDINGS PROJ. #7	11-2-46
53-54	66+00	
54-57	71+00	
57-59	69+00	
60	67+00	
60	68+00	11-2-46
61	69+00	
62	66+00	11-3-46
62-63	65+00	
63-64	63+00	
65-66	62+00	
66-67	61+00	
68-69	60+00	
70	LOCATION OF SEXTANT PT. "SIGN" 12-17-46	
71	LAYOUT PLAN OF MISS. BAY PROJ. NOT. 11-27-46	
72	" PLAN DISPOSAL AREA PROJ. #6, TIER-DEL-FUEGO. 11-27-46	
73	" OF TOP OF SHOULDER FOR CUT OFFSET PROJ. #7 12-27-46	
74	REF. TIES OF B.C. OF RD CURVE AT S.E. COR. PROJ. #7 1-17-47	
75	REF. TIES OF CONTROL FOR VENTURA BLVD PROJ. #7. 3-7-47	
76	LOCATION OF CURVE "C" PROJ. #8 REVISED 6-26-47	

6-1-46

INDYAN

JUL 16 1953

STA 129+00

0+00 = 88 + 67.58 Sound WEST

DIST	Sound	EI.	DIST	Sound	
0+00	3.9	-0.4	30	3.4	0.1
11 ³⁰ 10	3.8	-0.3	40	3.4	0.1
20	4.0	-0.5	50	3.4	0.1
30	4.0	-0.5	60	3.5	0
40	4.0	-0.5	70	3.5	0
50	4.0	-0.5	80	3.5	0
60	3.8	-0.3	90	3.5	0
70	3.8	-0.3	3+00	3.5	0
80	3.8	-0.3	10	3.6	-0.1
(3.5) 90	3.5	0	(3.5) 20	3.8	-0.3
1+00	3.5	0	30	3.6	-0.1
10	3.5	0	40	3.6	-0.1
20	3.5	0	50	4.1	-0.6
30	3.4	0.1	60	4.0	-0.5
40	3.3	0.2	70	3.8	-0.3
50	3.3	0.2	80	3.8	-0.3
60	3.3	0.2	90	3.8	-0.3
70	3.2	0.3	4+00	3.8	-0.3
80	3.2	0.3	10	3.8	-0.3
90	3.3	0.2	20	3.8	-0.3
2+00	3.3	0.2	30	3.8	-0.3
11 ³³ 10	3.3	0.2	40	3.8	-0.3
20	3.3	0.2	50	3.8	-0.3

6-1-46
STA 129+00

①

FISHER
SHERREY
GREEN
STAMPER

DIST	Sound	EI.	DIST	Sound	
60	3.8	-0.2	10	4.0	-0.4
11 ³⁸ 70	3.8	-0.2	20	4.0	-0.4
80	4.0	-0.4	30	4.0	-0.4
90	4.0	-0.4	40	4.1	-0.5
5+00	4.0	-0.4	50	4.0	-0.4
10	3.8	-0.2	60	4.0	-0.4
20	4.0	-0.4	70	3.8	-0.2
30	4.0	-0.4	80	3.8	-0.2
40	4.0	-0.4	90	3.7	-0.1
50	4.2	-0.6	8+00	3.8	-0.2
60	4.0	-0.4	11 ⁴² 10	3.7	-0.1
(36) 70	4.4	-0.8	(36) 20	3.5	0.1
80	4.0	-0.4	30	3.4	0.2
90	4.0	-0.4	40	3.2	0.4
6+00	4.0	-0.4	50	3.2	0.4
10	4.0	-0.4	60	3.2	0.4
11 ⁴⁰ 20	4.0	-0.4	70	3.5	0.1
30	4.1	-0.5	80	3.3	0.3
40	4.0	-0.4	90	3.4	0.2
50	4.0	-0.4	9+00	3.4	0.2
60	4.0	-0.4	11 ⁴³ 10	3.3	0.3
70	4.0	-0.4	20	3.3	0.3
80	4.0	-0.4	30	3.3	0.3
90	4.0	-0.4	40	3.4	0.2
7+00	4.0	-0.4	50	3.3	0.3

6-1-44

STA 129+00

DIST	Sound	EI.	DIST	Sound	EI.
9+60	3.3	0.3	10	3.1	0.5
70	3.3	0.3	20	3.1	0.5
80	3.3	0.3	30	3.1	0.5
90	3.3	0.3	40	3.1	0.5
10+00	3.3	0.3	50	3.1	0.5
10	3.3	0.3	60	3.1	0.5
20	3.3	0.3	70	3.1	0.5
30	3.3	0.3	80	3.1	0.5
40	3.3	0.3	90	3.1	0.5
50	3.2	0.4	13+00	3.1	0.5
60	3.2	0.4	10	3.1	0.5
(36) 70	3.2	0.4	20	3.2	0.4
80	3.2	0.4	(36) 30	3.2	0.4
90	3.1	0.5	40	3.3	0.3
11+00	3.1	0.5	50	3.2	0.4
10	3.1	0.5	11:47 60	3.1	0.5
20	3.2	0.4	70	3.2	0.4
11:45 30	3.2	0.4	80	3.2	0.4
40	3.2	0.4	90	3.3	0.3
50	3.2	0.4	14+00	3.3	0.3
60	3.1	0.5	10	3.3	0.3
70	3.1	0.5	20	3.3	0.3
80	3.1	0.5	30	3.3	0.3
90	3.1	0.5	40	3.2	0.4
12+00	3.1	0.5	50	3.1	0.5

6-1-46
STA 129+00

1970

1955
100
2055 (2) sk
0.2

DIST	Sound	EI.	DIST	Sound	EI.
60	3.1	0.6	10	1.7	2.0
70	3.1	0.6	11:50 20	1.7	2.0
11:48 80	3.1	0.6	30	2.7	1.0
90	3.2	0.5	40	5.0	-1.3
15+00	3.2	0.5	50	7.5	-3.8
10	3.2	0.5	60	8.2	-4.5
20	3.2	0.5	70	8.5	-4.8
30	3.1	0.6	80	9.0	-5.3
40	3.1	0.6	(37) 90	9.6	-5.9
50	3.1	0.6	18400	9.3	-5.6
60	3.1	0.6	10	9.3	-5.6
(37) 70	3.1	0.6	11:52 20	8.8	-5.1
80	3.1	0.6	30	8.2	-4.5
90	3.0	0.7	40	5.5	-1.8
16+00	3.0	0.7	50	5.1	-1.4
10	3.0	0.7	60	5.0	-1.3
20	2.9	0.8	70	4.6	-0.9
30	3.0	0.7	80	3.5	0.2
40	3.0	0.7	90	2.4	1.3
50	2.9	0.8	19+00	1.8	1.9
60	2.6	1.1	10	1.1	2.6
70	2.1	1.6	11:54 20	0.7	3.0
80	2.0	1.7	12:05 30	0.8	2.9
90	1.9	1.8	40	0.6	3.1
17+00	1.8	1.9	50	0.6	3.1
			60	0.5	3.2

6-1-46
STA 128+00

0+00 = 88+67.58 Sound West

DIST	Sound	EI.	DIST	Sound	EI.	
0+00	3.5	0.2	40	3.6	0.1	
12:15	3.5	0.2	12:17	3.6	0.1	
20	3.5	0.2	60	3.8	-0.1	
30	3.5	0.2	70	3.7	0.0	
40	3.5	0.2	80	3.9	-0.2	
50	3.5	0.2	90	3.8	-0.1	
60	3.7	0.0	3+00	3.8	-0.1	
70	3.5	0.2	10	3.9	-0.2	
80	3.5	0.2	20	4.1	-0.4	
90	3.5	0.2	30	4.0	-0.3	
1+00	3.5	0.2	(37) 40	4.0	-0.3	
(37) 10	3.5	0.2	50	4.0	-0.3	
20	3.5	0.2	12:18	60	4.2	-0.5
30	3.5	0.2	70	4.0	-0.3	
40	3.4	0.3	80	4.0	-0.3	
50	3.4	0.3	90	4.0	-0.3	
60	3.4	0.3	4+00	4.0	-0.3	
70	3.5	0.2	10	4.2	-0.5	
80	3.5	0.2	20	4.2	-0.5	
90	3.5	0.2	30	4.1	-0.4	
2+00	3.6	0.1	40	4.1	-0.4	
10	3.7	0.0	50	4.3	-0.6	
20	3.6	0.1	60	4.3	-0.6	
30	3.6	0.1	70	4.2	-0.5	

6-1-46
STA 128+00

1955
100 (3)
20 55

DIST	Sound	EI.	DIST	Sound	EI.	
80	4.2	-0.5	30	4.0	-0.3	
90	4.1	-0.4	40	4.0	-0.3	
5+00	4.5	-0.8	50	4.0	-0.3	
10	4.1	-0.4	60	4.0	-0.3	
20	4.1	-0.4	70	4.0	-0.3	
30	4.0	-0.3	80	4.0	-0.3	
40	4.0	-0.3	90	4.0	-0.3	
12:20	50	4.0	-0.3	8+00	4.0	-0.3
60	4.3	-0.6	10	4.0	-0.3	
70	4.1	-0.4	20	4.0	-0.3	
(37) 80	4.1	-0.4	30	4.0	-0.3	
90	4.0	-0.3	40	3.9	-0.2	
6+00	4.0	-0.3	(37) 50	3.8	-0.1	
10	4.0	-0.3	60	3.8	-0.1	
20	4.0	-0.3	12:22	70	3.8	-0.1
30	4.0	-0.3	80	3.6	0.1	
40	4.2	-0.5	90	3.6	0.1	
50	4.1	-0.4	9+00	3.5	0.2	
60	3.9	-0.2	10	3.5	0.2	
70	3.9	-0.2	20	3.5	0.2	
80	3.9	-0.2	30	3.4	0.3	
90	4.0	-0.3	40	3.4	0.3	
7+00	4.0	-0.3	50	3.4	0.3	
10	4.0	-0.3	60	3.4	0.3	
20	4.0	-0.3	70	3.4	0.3	

6-1-46
 STA 128+00
 SOUND WEST

DIST	Sound	EI.	DIST	Sound	EI.
9+80	3.4	0.3	30	3.1	0.6
90	3.3	0.4	40	3.1	0.6
10+00	3.2	0.5	50	3.1	0.6
12 ²³ 10	3.2	0.5	60	3.1	0.6
20	3.2	0.5	70	3.1	0.6
30	3.2	0.5	12 ²⁵ 80	3.1	0.6
40	3.2	0.5	90	3.1	0.6
50	3.2	0.5	13+00	3.2	0.5
60	3.2	0.5	10	3.2	0.5
70	3.2	0.5	20	3.3	0.4
80	3.2	0.5	30	3.3	0.4
90	3.1	0.6	(37) 40	3.2	0.5
11+00	3.1	0.6	50	3.2	0.5
(37) 10	3.1	0.6	60	3.2	0.5
20	3.1	0.6	70	3.2	0.5
30	3.1	0.6	80	3.2	0.5
40	3.1	0.6	90	3.2	0.5
50	3.1	0.6	14+00	3.2	0.5
60	3.1	0.6	10	3.2	0.5
70	3.1	0.6	20	3.2	0.5
80	3.2	0.5	30	3.2	0.5
90	3.2	0.5	40	3.2	0.5
12+00	3.2	0.5	50	3.1	0.6
10	3.2	0.5	60	3.1	0.6
20	3.1	0.6	70	3.1	0.6

STA 128+00

(4)

DIST	Sound	EI.	DIST	Sound	EI.
80	3.2	0.5	30	2.3	1.4
90	3.1	0.6	12 ²⁹ 40	5.2	-1.5
15+00	3.1	0.6	50	7.4	-3.7
10	3.1	0.6	60	9.0	-5.3
20	3.1	0.6	70	10.1	-6.4
30	3.1	0.6	80	10.3	-6.6
40	3.1	0.6	(37) 90	10.2	-6.5
50	3.1	0.6	18+00	9.5	-5.8
60	3.1	0.6	10	9.8	-6.1
70	3.1	0.6	20	9.8	-6.1
(37) 80	3.0	0.7	12 ³⁰ 30	7.0	-3.3
90	2.9	0.8	40		
16+00	2.8	0.9	48	4.0	-0.6
10	2.8	0.9	2 ¹² 58	2.8	0.6
20	2.5	1.2	68	2.1	1.3
30	2.5	1.2	78	1.5	1.9
40	2.4	1.3	(39) 88	1.1	2.3
50	2.1	1.6	18+98	1.0	2.4
60	1.8	1.9	112	1.0	2.4
70	1.6	2.1	22	0.9	2.5
80	1.7	2.0	32	0.8	2.6
12 ²⁷ 90	1.7	2.0	2 ¹³ 42	0.5	2.9
17+00	1.6	2.1	52	0.1	3.3
10	1.6	2.1			
20	1.5	2.2			

6-1-46
 STA 127+00
 0+00 = 88 + 67.58 Sound West

DIST	Sound	El.	DIST	Sound	El.
0+00	2.5	1.2	50	2.5	1.2
12:38 10	2.5	1.2	60	2.5	1.2
20	2.7	1.0	70	2.5	1.2
30	2.6	1.1	80	2.7	1.0
40	2.6	1.1	90	2.7	1.0
50	2.5	1.2	3+00	2.8	0.9
60	2.6	1.1	12:42 70	2.9	0.8
70	2.5	1.2	20	3.2	0.5
80	2.5	1.2	30	3.6	0.1
(37) 90	2.5	1.2	(37) 40	3.8	-0.1
1+00	2.5	1.2	50	3.9	-0.2
10	2.5	1.2	60	4.0	-0.3
20	2.5	1.2	70	4.0	-0.3
12:40 30	2.5	1.2	80	4.0	-0.3
40	2.5	1.2	90	3.9	-0.2
50	2.5	1.2	4+00	3.9	-0.2
60	2.5	1.2	10	4.0	-0.3
70	2.7	1.0	20	4.0	-0.3
80	2.6	1.1	30	4.0	-0.3
90	2.7	1.0	12:43 40	3.8	-0.1
2+00	2.6	1.1	50	3.8	-0.1
10	2.5	1.2	60	3.8	-0.1
20	2.5	1.2	70	3.8	-0.1
30	2.5	1.2	80	3.8	-0.1
40	3.5	1.2	90	3.8	-0.1

STA 127+00

(5)

DIST	Sound	El.	DIST	Sound	El.
5+00	3.9	-0.2	50	3.6	0.1
10	3.8	-0.1	60	3.6	0.1
20	4.0	-0.3	70	3.6	0.1
30	3.8	-0.1	80	3.8	-0.1
40	4.0	-0.3	90	3.8	-0.1
50	4.0	-0.3	8+00	3.7	0.0
60	4.0	-0.3	10	3.7	0.0
70	3.8	-0.1	20	3.7	0.0
80	3.8	-0.1	30	3.7	0.0
90	3.8	-0.1	(37) 40	3.6	0.1
6+00	3.8	-0.1	50	3.6	0.1
(37) 10	3.8	-0.1	60	3.5	0.2
20	3.8	-0.1	70	3.5	0.2
30	3.8	-0.1	80	3.6	0.1
40	3.8	-0.1	90	3.5	0.2
50	3.8	-0.1	9+00	3.4	0.3
60	3.8	-0.1	10	3.4	0.3
70	3.9	-0.2	20	3.4	0.3
80	3.8	-0.1	12:44 30	3.4	0.3
12:45 90	3.8	-0.1	40	3.4	0.3
7+00	3.8	-0.1	50	3.4	0.3
10	3.6	-0.1	60	3.3	0.4
20	3.7	0.0	70	3.1	0.6
30	3.6	0.1	80	3.1	0.6
40	3.6	0.1	90	3.2	0.5

STA 127+00

6-1-46

DIST	Sound	EI.	DIST	Sound	EI.
10+00	3.2	0.5	50	3.2	0.5
10	3.2	0.5	60	3.2	0.5
12:48 20	3.2	0.5	70	3.2	0.5
30	3.2	0.5	12:50 40	3.2	0.5
40	3.2	0.5	50	3.1	0.6
50	3.2	0.5	13+00 10	3.2	0.5
60	3.2	0.5	20	3.1	0.6
70	3.2	0.5	30	3.1	0.6
80	3.2	0.5	40	3.1	0.6
90	3.1	0.6	(37) 50	3.1	0.6
11+00 10	3.1	0.6	60	3.1	0.6
20	3.2	0.5	70	3.0	0.7
(37) 30	3.2	0.5	80	3.0	0.7
40	3.2	0.5	90	3.0	0.7
50	3.2	0.5	14+00 10	3.0	0.7
60	3.2	0.5	20	3.0	0.7
70	3.3	0.4	30	3.0	0.7
80	3.3	0.4	40	3.0	0.7
90	3.3	0.4	50	3.0	0.7
12+00 10	3.3	0.4	60	3.0	0.7
20	3.2	0.5	70	3.0	0.7
30	3.2	0.5	80	3.0	0.7
40	3.2	0.5	90	3.0	0.7

STA 127+00

6-1-46

(6)

DIST	Sound	EI.	DIST	Sound	EI.
15+00	3.2	0.5	50	7.1	-3.4
12:52 10	3.2	0.5	60	8.7	-5.0
20	3.2	0.5	70	9.7	-6.0
30	3.1	0.6	80	9.5	-5.8
40	3.0	0.7	90	9.6	-5.9
50	3.0	0.7	18+00 10	9.5	-5.8
60	3.0	0.7	20	9.5	-5.8
70	3.0	0.7	30	9.2	-5.5
80	3.0	0.7	40	8.5	-4.8
90	3.0	0.7	(37) 50	7.4	-3.7
16+00 10	3.0	0.7	60	6.7	-3.0
20	2.8	0.9	12:55 70	4.3	-0.6
(37) 30	2.8	0.9	80	3.0	0.7
40	2.5	1.2	90	2.7	1.0
50	2.5	1.2	19+00 10	2.3	1.4
60	2.4	1.3	20	2.1	1.6
70	2.3	1.4	30	2.0	1.7
80	2.0	1.7	40	1.3	2.4
90	2.0	1.7	50	0.4	3.3
17+00 10	2.0	1.7			
12:53 20	2.0	1.7			
30	1.8	1.9			
40	2.0	1.7			
40	4.3	-0.6			

STA 126400
 0+00 = 88+67.58
 6-1-46

DIST	Sound	EI.	DIST	Sound	EI.
0+00	3.5	0.2	50	3.5	0.2
1:08 10	3.5	0.2	11:12 60	3.5	0.2
20	3.4	0.3	70	3.6	0.1
30	3.5	0.2	80	3.6	0.1
40	3.5	0.2	90	3.6	0.1
50	3.5	0.2	3+00	3.5	0.2
60	3.5	0.2	10	3.6	0.1
70	3.5	0.2	20	3.6	0.1
80	3.5	0.2	30	3.7	0.0
(37) 90	3.5	0.2	40	3.8	-0.1
1+00	3.5	0.2	50	3.8	-0.1
10	3.5	0.2	60	4.1	-0.4
20	3.6	0.1	(37) 70	4.0	-0.3
30	3.7	0.0	11:13 80	4.0	-0.3
40	3.5	0.2	90	3.9	-0.2
50	3.5	0.2	4+00	4.0	-0.3
60	3.5	0.2	10	4.0	-0.3
70	3.5	0.2	20	3.8	-0.1
80	3.5	0.2	30	4.1	-0.4
90	3.5	0.2	40	3.8	-0.1
2+00	3.5	0.2	50	4.0	-0.3
10	3.8	-0.1	60	4.0	-0.3
20	3.9	-0.2	70	4.0	-0.3
30	3.9	-0.2	80	3.7	0.0
80	3.7	0.0	90	3.6	0.1

126400

(7)

DIST	Sound	EI.	DIST	Sound	EI.
5+00	3.6	0.1	50	3.7	0.0
10	3.6	0.1	60	3.7	0.0
20	3.6	0.1	70	3.7	0.0
30	3.6	0.1	80	3.8	-0.1
40	3.6	0.1	90	4.0	-0.3
50	3.6	0.1	8+00	3.8	-0.1
60	3.6	0.1	10	3.8	-0.1
70	3.7	0.0	20	3.8	-0.1
11:15 80	3.7	0.0	11:11 30	3.7	0.0
90	3.7	0.0	40	3.7	0.0
6+00	3.7	0.0	(37) 50	3.7	0.0
10	3.6	0.1	60	3.7	0.0
(37) 20	3.6	0.1	70	3.6	0.1
30	3.6	0.1	80	3.6	0.1
40	3.5	0.2	90	3.6	0.1
50	3.7	0.0	9+00	3.6	0.1
60	3.7	0.0	10	3.6	0.1
70	3.7	0.0	20	3.6	0.1
80	3.7	0.0	30	3.6	0.1
90	3.7	0.0	40	3.7	0.0
7+00	3.8	-0.1	50	3.7	0.0
10	3.7	0.0	60	3.7	0.0
20	3.7	0.0	70	3.8	-0.1
30	3.7	0.0	80	3.7	0.0
40	3.7	0.0	90	3.7	0.0

126+00

DIST	Sound	EI	DIST	Sound	EI
10+00	3.7	0.0	50	3.0	0.7
10	3.7	0.0	60	3.0	0.7
1:18 20	3.7	0.0	70	2.9	0.8
30	3.7	0.0	80	2.9	0.8
40	3.7	0.0	90	2.8	0.9
50	3.7	0.0	13+00	2.8	0.9
60	3.7	0.0	10	2.8	0.9
70	3.5	0.2	20	2.7	1.0
80	3.5	0.2	30	2.7	1.0
90	3.5	0.2	40	2.8	0.9
11+00	3.5	0.2	50	2.8	0.9
10	3.4	0.3	(37) 60	2.8	0.9
(37) 20	3.4	0.3	70	2.8	0.9
30	3.4	0.3	80	2.8	0.9
40	3.4	0.3	90	2.9	0.8
50	3.3	0.4	14+00	2.9	0.8
60	3.3	0.4	10	2.7	1.0
70	3.3	0.4	20	2.7	1.0
80	3.2	0.5	30	2.7	1.0
90	3.2	0.5	40	2.7	1.0
12+00	3.1	0.6	50	2.7	1.0
10	3.1	0.6	60	2.6	1.1
1:20 20	3.1	0.6	1:20 70	2.8	0.9
30	3.0	0.7	80	2.7	1.0
40	3.0	0.7	90	2.7	1.0

126+00

1971 (8)*

DIST	Sound	EI	DIST	Sound	EI
15+00	2.9	0.7	50	7.9	-4.3
10	3.0	0.6	60	8.8	-5.2
20	3.0	0.6	70	9.4	-5.8
30	3.0	0.6	80	9.5	-5.9
40	3.0	0.6	90	9.5	-5.9
50	2.8	0.8	18+00	9.7	-6.1
60	2.8	0.8	10	9.4	-5.8
70	2.8	0.8	20	9.0	-5.4
80	2.8	0.8	30	8.5	-4.9
(36) 90	2.8	0.8	1:20 40	7.0	-3.4
16+00	2.8	0.8	50	5.3	-1.7
1:23 10	2.8	0.8	(36) 60	3.0	0.6
20	2.8	0.8	70	2.7	0.9
30	2.8	0.8	80	2.1	1.5
40	3.0	0.6	90	1.8	1.8
50	3.2	0.4	19+00	1.5	2.1
60	2.8	0.8	10	1.1	2.5
70	2.7	0.9	20	0.5	3.1
80	2.5	1.1	30	0.0	3.6
90	2.5	1.1			
17+00	2.5	1.1			
10	2.6	1.0			
20	2.9	0.7			
30	4.1	-0.5			
40	6.3	-2.7			

STA 125+00
 0+00 = 88+67.58 Sound WEST
 6-1-46

DIST	Sound	EI.	DIST	Sound	EI.
0+00	3.2	0.4	50	3.6	0.0
1.35 10	3.2	0.4	60	4.0	-0.4
20	3.3	0.3	70	3.7	-0.1
30	3.3	0.3	80	3.7	-0.1
40	3.3	0.3	90	3.7	-0.1
50	3.3	0.3	3+00	3.7	-0.1
60	3.3	0.3	10	3.7	-0.1
70	3.4	0.2	20	4.4	-0.8
80	3.4	0.2	30	4.0	-0.4
(36) 90	3.4	0.2	40	3.8	-0.2
1+00	3.4	0.2	(36) 50	3.8	-0.2
10	3.4	0.2	60	3.9	-0.3
20	3.5	0.1	70	3.9	-0.3
30	3.5	0.1	80	3.9	-0.3
40	3.7	-0.1	90	3.9	-0.3
50	3.8	-0.2	4+00	3.8	-0.2
60	3.8	-0.2	10	3.8	-0.2
1.37 70	3.7	-0.1	20	3.8	-0.2
80	3.8	-0.2	11.40 30	3.7	-0.1
90	4.0	-0.4	40	3.7	-0.1
2+00	4.0	-0.4	50	3.7	-0.1
10	3.8	-0.2	60	3.7	-0.1
20	3.7	-0.1	70	3.8	-0.2
30	3.7	-0.1	80	4.0	-0.4
40	3.7	-0.1	90	4.0	-0.4

125+00
 6-1-46

(9)

DIST	Sound	EI.	DIST	Sound	EI.
5+00	4.0	-0.4	50	3.4	0.2
10	4.0	-0.4	60	3.4	0.2
20	4.0	-0.4	11.42 70	3.4	0.2
30	4.0	-0.4	80	3.4	0.2
40	3.8	-0.2	90	3.4	0.2
50	3.7	-0.1	8+00	3.4	0.2
60	3.7	-0.1	10	3.4	0.2
70	3.7	-0.1	20	3.5	0.1
80	3.7	-0.1	30	3.5	0.1
(36) 90	3.7	-0.1	40	3.5	0.1
6+00	3.6	0.0	(36) 50	3.4	0.2
10	3.6	0.0	60	3.4	0.2
20	3.6	0.0	70	3.4	0.2
30	3.5	0.1	80	3.5	0.1
40	3.5	0.1	90	3.5	0.1
50	3.5	0.1	9+00	3.4	0.2
60	3.5	0.1	10	3.4	0.2
70	3.5	0.1	20	3.4	0.2
80	3.5	0.1	30	3.4	0.2
90	3.5	0.1	40	3.4	0.2
7+00	3.5	0.1	50	3.4	0.2
10	3.5	0.1	60	3.4	0.2
20	3.5	0.1	70	3.4	0.2
30	3.5	0.1	80	3.4	0.2
40	3.4	0.2	90	3.4	0.2

125700 West

6-1-46

DIST	Sound	EL.	DIST	Sound	EL.	
10400	3.4	0.2	50	2.8	0.8	
10	3.4	0.2	60	2.8	0.8	
1144	20	3.5	0.1	70	2.7	0.9
30	3.5	0.1	80	2.7	0.9	
40	3.5	0.1	90	2.7	0.9	
50	3.4	0.2	13100	2.7	0.9	
60	3.4	0.2	10	2.6	1.0	
70	3.4	0.2	20	2.5	1.1	
80	3.4	0.2	30	2.5	1.1	
90	3.3	0.3	40	2.5	1.1	
11400	3.2	0.4	(36) 50	2.5	1.1	
10	3.1	0.5	60	2.5	1.1	
(36) 20	3.1	0.5	70	2.5	1.1	
30	3.1	0.5	80	2.5	1.1	
40	3.1	0.5	90	2.5	1.1	
50	3.1	0.5	14100	2.5	1.1	
60	3.1	0.5	10	2.5	1.1	
70	3.0	0.6	20	2.5	1.1	
80	3.0	0.6	30	2.5	1.1	
90	3.0	0.6	40	2.5	1.1	
12400	3.0	0.6	50	2.5	1.1	
1145	10	3.0	0.6	60	2.5	1.1
20	2.9	0.7	70	2.5	1.1	
30	2.8	0.8	80	2.5	1.1	
40	2.8	0.8	90	2.5	1.1	

125700

(10)

DIST	Sound	EL.	DIST	Sound	EL.	
15700	2.4	1.2	50	8.1	-4.8	
1147	10	2.3	1.3	60	9.0	-5.7
20	2.3	1.3	70	9.0	-5.7	
30	2.3	1.3	80	9.3	-6.0	
40	2.2	1.4	90	9.4	-6.1	
50	2.1	1.5	18400	9.6	-6.3	
60	1.9	1.7	10	10.5	-7.2	
(36) 70	1.9	1.7	v ²³ 20	10.1	-6.8	
80	1.7	1.7	30	8.4	-5.1	
90	1.6	2.0	40	4.3	-1.0	
16100	1.2	2.4	(33) 50	2.1	1.2	
10	0.9	2.7	60	1.8	1.5	
20	0.6	3.0	70	1.8	1.5	
30	0.5	3.1	80	1.5	1.8	
11.50	40	0.5	3.1	90	1.0	2.3
Let LATH Here	50	0.5	3.1	19400		
2.21	60	0.5	2.8	10	66	
70	0.5	2.8	20	1956		
80	0.5	2.8	30			
90	0.6	2.7	40			
17400	0.7	2.6	50			
(33) 10	0.8	2.5				
20	1.4	1.9				
30	3.2	0.1				
40	7.0	-3.7				

6-2-46

STA. 122+00

88+67.58 SOUND west					
Dist	SOUND	EI.	Dist	SOUND	EI.
0+00	1.8	1.1	30	2.4	0.5
10	1.8	1.1	40	2.4	0.5
20	2.0	0.9	50	2.4	0.5
30	2.0	0.9	60	2.4	0.5
40	2.0	0.9	70	2.4	0.5
50	2.1	0.8	80	2.4	0.5
60	2.1	0.8	90	2.4	0.5
70	2.1	0.8	3+00	2.4	0.5
80	2.1	0.8	10	2.4	0.5
90	2.1	0.8	20	2.4	0.5
1+00	2.1	0.8	11 ⁹ 30	2.5	0.4
11 ⁷ 10	2.1	0.8	40	2.5	0.4
20	2.2	0.7	50	2.5	0.4
2 ⁹ 30	2.2	0.7	60	2.5	0.4
40	2.2	0.7	70	2.5	0.4
50	2.3	0.6	80	2.4	0.5
60	2.2	0.7	90	2.4	0.5
70	2.3	0.6	4+00	2.4	0.5
80	2.4	0.5	10	2.4	0.5
90	2.4	0.5	20	2.4	0.5
2+00	2.5	0.4	30	2.4	0.5
10	2.5	0.4	40	2.4	0.5
20	2.5	0.4	50	2.4	0.5

(11)

STA. 122+00

Dist	SOUND	EI.	Dist	SOUND	EI.
60	2.4	0.5	7+00	2.2	0.7
70	2.4	0.5	10	2.2	0.7
80	2.4	0.5	20	2.2	0.7
90	2.3	0.6	30	2.2	0.7
5+00	2.4	0.5	40	2.2	0.7
10	2.4	0.5	50	2.2	0.7
20	2.4	0.5	60	2.2	0.7
30	2.4	0.5	70	2.2	0.7
40	2.4	0.5	80	2.2	0.7
50	2.4	0.5	90	2.3	0.6
11 ² 60	2.4	0.5	8+00	2.3	0.6
70	2.4	0.5	10	2.2	0.7
80	2.4	0.5	11 ²³ 20	2.1	0.8
90	2.4	0.5	30	2.1	0.8
6+00	2.4	0.5	40	2.1	0.8
10	2.3	0.6	50	2.1	0.8
20	2.3	0.6	60	2.1	0.8
30	2.3	0.6	70	2.2	0.7
40	2.4	0.5	80	2.2	0.7
50	2.4	0.5	90	2.2	0.7
60	2.3	0.6	9+00	2.2	0.7
70	2.3	0.6	10	2.2	0.7
80	2.3	0.6	20	2.2	0.7
90	2.3	0.6	30	2.2	0.7

STA. 122+00

Dist	SOUND	EI.	Dist	SOUND	EI.
40	2.2	0.7	80	1.6	1.3
50	2.2	0.7	90	1.6	1.3
60	2.1	0.8	12+00	1.6	1.3
70	2.1	0.8	10	1.6	1.3
80	2.1	0.8	20	1.6	1.3
90	2.0	0.9	30	1.6	1.3
10+00	2.0	0.9	40	1.6	1.3
10	2.0	0.9	50	1.6	1.3
20	2.0	0.9	60	1.6	1.3
30	2.0	0.9	70	1.7	1.2
40	1.9	1.0	80	1.7	1.2
50	1.9	1.0	90	1.7	1.2
60	1.9	1.0	13+00	1.7	1.2
70	1.8	1.1	10	1.7	1.2
80	1.8	1.1	20	1.7	1.2
90	1.8	1.1	30	1.6	1.3
11+00	1.8	1.1	40	1.5	1.4
10	1.8	1.1	50	1.3	1.6
20	1.7	1.2	60	1.1	1.8
30	1.7	1.2	70	1.1	1.8
40	1.7	1.2	80	1.1	1.8
50	1.7	1.2	90	1.1	1.8
60	1.6	1.3	14+00	1.0	1.9
70	1.6	1.3	10	1.0	1.9

STA. 122+00

Dist	SOUND	EI.	Dist	SOUND	EI.
20	1.1	1.8	60	0.6	2.4
30	1.1	1.8	70	1.1	1.9
40	2.0	0.9	80	1.3	1.7
50	2.2	0.7	90	2.4	0.6
60	0.9	2.0	17+00	5.0	-2.0
70	0.9	2.0	10	6.1	-3.1
80	0.9	2.0	20	7.0	-4.0
90	0.7	2.2	30	7.9	-4.9
15+00	0.5	2.4	40	8.8	-5.8
10	0.1	2.8	50	9.3	-6.3
20	0.2	2.7	60	9.7	-6.7
30	0.3	2.6	70	10.0	-7.0
40	0.2	2.7	80	10.2	-7.2
50	0.4	2.5	90	9.7	-6.7
60	0.3	2.6	18+00	5.5	-2.5
70	0.4	2.5	10	1.3	1.7
80	0.5	2.4	20	0.4	2.6
90	0.5	2.4	21	0.0	3.0
16+00	0.5	2.4			
10	0.5	2.4			
20	0.5	2.4			
30	0.6	2.3			
40	0.6	2.3			
50	0.6	2.3			

19+16 = Base LINE

6-2-96

STA. 121+00

0+00 = 88+67.58 SOUND west					
DIST	SOUND	EL.	DIST	SOUND	EL.
0+00	2.2	0.9		2.5	0.6
	2.2	0.9		2.6	0.5
	2.3	0.8	50	2.6	0.5
	2.3	0.8		2.6	0.5
	2.4	0.7		2.6	0.5
50	2.4	0.7		2.5	0.6
	2.5	0.6		2.7	0.4
	2.5	0.6	3+00	2.6	0.5
	2.6	0.5	(3)	2.6	0.5
	2.6	0.5	115'	2.6	0.5
1+00	2.6	0.5		2.7	0.4
119	2.6	0.5		2.7	0.4
	2.6	0.5	50	2.6	0.5
(3)	2.6	0.5		2.6	0.5
	2.6	0.5		2.6	0.5
50	2.6	0.5		2.6	0.5
	2.8	0.3		2.6	0.5
	2.8	0.3	4+00	2.6	0.5
	2.8	0.3		2.5	0.6
	2.7	0.4		2.5	0.6
2+00	2.6	0.5		2.5	0.6
	2.5	0.6		2.5	0.6
	2.5	0.6	50	2.5	0.6

(13)

STA. 121+00

DIST	SOUND	EL.	DIST	SOUND	EL.
	2.4	0.7	7+00	2.6	0.5
	2.4	0.7		2.6	0.5
	2.4	0.7		2.6	0.5
	2.4	0.7		2.6	0.5
5+00	2.4	0.7		2.6	0.5
	2.5	0.6	50	2.8	0.3
	2.5	0.6		2.7	0.4
	2.6	0.5		2.7	0.4
	2.6	0.5		2.7	0.4
50	2.7	0.4		2.7	0.4
115'	2.7	0.4	8+00	2.7	0.4
	2.7	0.4	115'	2.7	0.4
(3)	2.7	0.4		2.6	0.5
	2.7	0.4	(3)	2.6	0.5
6+00	2.7	0.4		2.6	0.5
	2.6	0.5	50	2.6	0.5
	2.5	0.6		2.5	0.6
	2.5	0.6		2.5	0.6
	2.5	0.6		2.6	0.5
50	2.5	0.6		2.7	0.4
	2.5	0.6	9+00	2.7	0.4
	2.7	0.4		2.6	0.5
	2.6	0.5		2.6	0.5
	2.6	0.5		2.6	0.5

STA. 121+00

Dist	SOUND	EI.	Dist	SOUND	EI.
	2.5	0.7		2.0	1.2
50	2.5	0.7		2.0	1.2
	2.5	0.7	12+00	2.1	1.1
	2.5	0.7		2.1	1.1
	2.5	0.7		2.2	1.0
	2.3	0.9		2.3	0.9
10+00	2.3	0.9		2.2	1.0
	2.3	0.9	50	2.1	1.1
	2.2	1.0	(2)	2.1	1.1
	2.1	1.1	(3)	2.1	1.1
	2.1	1.1		2.1	1.1
50	2.1	1.1	1159	2.1	1.1
1157	2.1	1.1	13+00	2.1	1.1
(2)	2.1	1.1		2.1	1.1
(3)	2.1	1.1		2.2	1.0
	2.1	1.1		2.3	0.9
11+00	2.0	1.2		2.0	1.2
	2.0	1.2	50	2.0	1.2
	2.0	1.2		2.0	1.2
	2.0	1.2		2.0	1.2
	1.9	1.3		2.0	1.2
50	1.9	1.3		2.0	1.2
	2.0	1.2	14+00	2.0	1.2
	2.0	1.2		2.0	1.2

STA. 121+00

Dist	SOUND	EI.	Dist	SOUND	EI.
	2.0	1.2		1.9	1.3
	2.0	1.2		2.0	1.2
	2.0	1.2		2.3	0.9
50	2.0	1.2		3.5	-0.3
	2.2	1.0	17+00	5.4	-2.2
	2.1	1.1		6.4	-3.2
	2.1	1.1		8.1	-4.9
	2.1	1.1		8.3	-5.1
15+00	2.1	1.1		8.4	-5.2
	2.1	1.1		8.4	-5.2
	2.1	1.1	50	8.4	-5.2
	2.1	1.1		8.0	-4.8
1701	2.0	1.2	1203	8.0	-4.8
	2.0	1.2	(2)	7.2	-4.0
(2)	2.0	1.2	(3)	8.0	-4.8
(3)	2.0	1.2	18+00	7.7	-4.5
	2.0	1.2	10	6.8	-3.6
	2.0	1.2	20	4.0	-0.4
	1.9	1.3	30	1.5	1.7
16+00	1.9	1.3	40	1.3	1.9
	1.9	1.3	50	1.0	2.2
	1.9	1.3	60	0.6	2.6
	1.9	1.3	70	0.0	3.2
	1.9	1.3			
50	1.9	1.3	19+27 = (+) on		side WALK

6-2-46

STA. 123+00

Dist	SOUND	EI	Dist	SOUND	EI
0+00	3.0	0.3		3.2	0.1
	3.0	0.3		3.2	0.1
	3.0	0.3	50	3.3	0.0
	3.0	0.3		3.3	0.0
	3.0	0.3		3.5	-0.2
50	3.0	0.3		3.4	-0.1
	3.0	0.3		3.5	-0.2
	3.0	0.3	3+00	3.6	-0.6
	3.0	0.3		3.5	-0.2
	3.0	0.3	(3)	3.4	-0.1
1+00	3.0	0.3	(3)	3.3	0.0
1217	3.0	0.3	1219	3.3	0.0
	3.1	0.2	50	3.3	0.0
(3)	3.1	0.2		3.3	0.0
	3.1	0.2		3.3	0.0
50	3.6	-0.3		3.2	0.1
	3.1	0.2		3.2	0.1
	3.2	0.1	4+00	3.2	0.1
	3.3	0.0		3.2	0.1
	3.3	0.0		3.2	0.1
2+00	3.3	0.0		3.2	0.1
	3.3	0.0		3.2	0.1
	3.3	0.0	50	3.2	0.1

(15)

STA. 123+00

Dist	SOUND	EI	Dist	SOUND	EI
	3.3	0.1	7+00	3.0	0.4
	3.3	0.1		3.0	0.4
	3.3	0.1		3.0	0.4
	3.2	0.2		3.0	0.4
5+00	3.2	0.2		3.0	0.4
	3.2	0.2	50	3.0	0.4
	3.2	0.2		3.0	0.4
	3.1	0.3		3.0	0.4
	3.1	0.3		3.0	0.4
50	3.1	0.3		3.1	0.3
1221	3.1	0.3		3.1	0.3
	3.2	0.2	8+00	3.1	0.3
(3.4)	3.2	0.2	1223	3.1	0.3
	3.1	0.3		3.1	0.3
6+00	3.1	0.3	(3)	3.0	0.4
	3.1	0.3		3.0	0.4
	3.1	0.3	50	3.0	0.4
	3.1	0.3		3.0	0.4
	3.1	0.3		3.1	0.3
	3.1	0.3		3.1	0.3
50	3.1	0.3		3.1	0.3
	3.0	0.4		3.1	0.3
	3.0	0.4	9+00	3.1	0.3
	3.0	0.4		3.1	0.3
	3.0	0.4		3.1	0.3
	3.0	0.4		3.0	0.4

STA. 123+00

Dist	SOUND	EI.	Dist	SOUND	EI.
	3.0	0.4		2.6	0.8
50	3.1	0.3		2.6	0.8
	3.0	0.4	12+00	2.5	0.9
	3.0	0.4		2.5	0.9
	3.0	0.4		2.5	0.9
	3.0	0.4		2.5	0.9
10+00	3.0	0.4		2.6	0.8
	3.0	0.4	50	2.6	0.8
(X) (3)	2.9	0.5		2.5	0.9
	2.8	0.6		2.5	0.9
12 ²⁵	2.8	0.6		2.3	1.1
50	2.8	0.6		2.4	1.0
	2.7	0.7	13+00	2.4	1.0
	2.7	0.7	12 ²⁵	2.4	1.0
	2.7	0.7		2.4	1.0
	2.7	0.7	(X) (3)	2.3	1.1
11+00	2.6	0.8		2.3	1.1
	2.6	0.8	50	2.3	1.1
	2.6	0.8		2.3	1.1
	2.6	0.8		2.3	1.1
	2.6	0.8		2.2	1.2
50	2.6	0.8		2.0	1.4
	2.6	0.8	14+00	2.0	1.4
	2.6	0.8		1.8	1.6

STA. 123+00

Dist	SOUND	EI.	Dist	SOUND	EI.
	2.0	1.4		0.7	2.7
	2.0	1.4		0.7	2.7
	2.0	1.4		1.0	2.4
50	2.0	1.4		1.4	2.0
	2.0	1.4	17+00	2.8	0.6
	2.0	1.4		5.6	-2.2
	2.0	1.4		7.3	-3.9
	1.7	1.7		8.5	-5.1
15+00	1.6	1.8		9.0	-5.6
(X) (3)	1.4	2.0	50	9.4	-6.0
	1.0	2.4		10.0	-6.6
12 ²⁹	0.8	2.6	(X) (3)	10.3	-6.9
	0.7	2.7		9.8	-6.4
50	0.5	2.9		8.8	-5.4
	0.5	2.9	18+00	8.0	-4.6
	0.9	3.0	10	6.3	-2.9
	0.9	3.0	20	4.2	-0.8
	0.5	2.9	30	2.8	0.6
16+00	0.5	2.9	40	1.5	1.9
	0.3	3.1	50	0.7	2.7
	0.3	3.1	60	0.4	3.0
	0.5	2.9	70	0.0	3.4
	0.5	2.9			
50	0.6	2.8	19+27 =	Base Line	

6-2-46

STA. 120+00

0+00 = 88+67.58 SOUND WEST

Dist	SOUND	EI.	Dist	SOUND	EI.
0+00	2.6	0.9		3.0	0.5
	2.7	0.8		3.0	0.5
	2.7	0.8	50	3.0	0.5
	2.8	0.7		3.0	0.5
	2.8	0.7		2.9	0.6
50	2.8	0.7		2.9	0.6
	2.8	0.7		2.9	0.6
(5)	2.8	0.7	3+00	2.9	0.6
	2.8	0.7	(5)	2.9	0.6
129.6	2.8	0.7	(5)	2.9	0.6
1+00	2.8	0.7	1248	2.9	0.6
	2.9	0.6		2.9	0.6
	2.9	0.6	50	2.9	0.6
	2.9	0.6		2.9	0.6
	2.9	0.6		2.8	0.7
50	2.9	0.6		2.8	0.7
	2.9	0.6		2.8	0.7
	2.9	0.6	4+00	2.7	0.8
	2.9	0.6		2.8	0.7
	2.9	0.6		2.8	0.7
2+00	2.9	0.6		2.8	0.7
	2.9	0.6		2.8	0.7
	2.9	0.6	50	2.8	0.7

(17)

STA 120+00

DIST	SOUND	EI.	DIST	SOUND	EI.
	2.8	0.7	7+00	2.9	0.6
	2.6	0.9		2.9	0.6
	2.6	0.9		2.9	0.6
	2.9	0.6		3.0	0.5
5+00	2.7	0.8		3.0	0.5
	2.7	0.8	50	3.0	0.5
(5)	2.6	0.9		3.0	0.5
	2.6	0.9		3.0	0.5
1250	2.6	0.9		3.0	0.5
50	2.5	1.0		3.0	0.5
	2.5	1.0		3.0	0.5
	2.5	1.0	8+00	3.0	0.5
	2.5	1.0	1252	3.0	0.5
	2.5	1.0		3.0	0.5
	2.5	1.0	(5)	2.9	0.6
6+00	2.5	1.0	(5)	2.9	0.6
	2.5	1.0		2.9	0.6
	2.5	1.0	50	2.8	0.7
	2.5	1.0		2.6	0.9
	2.7	0.8		2.4	1.1
	2.6	0.9		2.4	1.1
50	2.7	0.8		2.3	1.2
	3.0	0.5	9+00	2.2	1.3
	3.0	0.5		2.2	1.3
	2.9	0.6		2.2	1.3
	2.9	0.6		2.2	1.3

STA. 120+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.2	1.4		2.7	0.9
50	2.2	1.4		2.5	1.1
	2.6	1.0	12+00	2.6	1.0
	2.6	1.0		2.6	1.0
	2.8	0.8		2.7	0.9
	2.9	0.7		2.6	1.0
10+00	2.9	0.7		2.6	1.0
	2.7	0.9	50	2.6	1.0
(36)	2.5	1.1	(36)	2.6	1.0
	2.2	1.4	(36)	2.6	1.0
12 ⁵⁴	2.2	1.4	12 ⁵⁵	2.6	1.0
50	2.1	1.5		2.6	1.0
	2.1	1.5	13+00	2.6	1.0
	2.1	1.5		2.5	1.1
	2.2	1.4		2.5	1.1
	2.2	1.4		2.5	1.1
11+00	2.3	1.3		2.5	1.1
	2.4	1.2	50	2.3	1.3
	2.5	1.1		2.2	1.4
	2.5	1.1		2.2	1.4
	2.5	1.1		2.2	1.4
50	2.5	1.1		2.2	1.4
	2.6	1.0	14+00	2.1	1.5
	2.6	1.0		2.0	1.6

STA. 120+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.0	1.6		0.2	3.4
	2.0	1.6		0.2	3.4
	2.0	1.6		0.2	3.4
50	2.0	1.6		0.4	3.2
	2.0	1.6	17+00	1.5	2.1
	1.9	1.7		5.2	-1.6
	1.9	1.7	(36)	7.3	-3.7
	1.8	1.8		9.0	-5.4
15+00	1.7	1.9	10 ²	9.4	-5.8
	1.7	1.9	50	9.3	-5.7
	1.6	2.0		9.1	-5.5
12 ⁵⁷	1.5	2.1		9.8	-6.2
(36)	1.5	2.1		10.5	-6.9
50	1.5	2.1		10.2	-6.6
	1.4	2.2	18+00	9.8	-6.2
	1.3	2.3	10	8.5	-4.9
	1.0	2.6	20	6.5	-2.9
	0.8	2.8	30	3.0	0.6
16+00	0.6	3.0	40	2.1	1.5
	0.5	3.1	50	2.0	1.6
	0.4	3.2	60	2.1	1.5
	0.4	3.2	70	1.7	1.9
	0.3	3.3	80	1.0	2.6
50	0.3	3.3	90	0.0	3.6

19+30 = (+) IN SIDEWALK

6-2-96

STA. 119+00

Dist	SOUND	EI.	Dist	SOUND	EI.
0+00	2.7	0.9		2.9	0.7
	2.7	0.9		2.9	0.7
	2.7	0.9	50	2.9	0.7
	2.8	0.8		2.9	0.7
	2.8	0.8		2.9	0.7
50	2.8	0.8		2.9	0.7
	2.8	0.8		2.9	0.7
	2.8	0.8	3+00	2.9	0.7
	2.8	0.8	(30)	2.9	0.7
	2.8	0.8		2.8	0.8
1+00	2.8	0.8	117	2.8	0.8
115	2.9	0.7		2.8	0.8
	2.9	0.7	50	2.8	0.8
(30)	2.9	0.7		2.7	0.9
	2.9	0.7		2.7	0.9
50	2.9	0.7		2.7	0.9
	2.9	0.7		2.7	0.9
	2.9	0.7	4+00	2.7	0.9
	2.9	0.7		2.7	0.9
	2.9	0.7		2.7	0.9
2+00	3.0	0.6		2.6	1.0
	3.0	0.6		2.8	0.8
	3.0	0.6	50	2.8	0.8

(18)

STA. 119+00

Dist	SOUND	EI.	Dist	SOUND	EI.
	2.6	1.0	7+00	2.5	1.1
	2.5	1.1		2.5	1.1
	2.5	1.1		2.5	1.1
	2.5	1.1		2.5	1.1
5+00	2.5	1.1		2.5	1.1
	2.5	1.1	50	2.5	1.1
	2.5	1.1		2.5	1.1
	2.6	1.0	(30)	2.5	1.1
	2.6	1.0	(30)	2.5	1.1
50	2.5	1.1	120	2.3	1.3
	2.5	1.1		2.3	1.3
118	2.5	1.1	8+00	2.3	1.3
(30)	2.5	1.1		2.2	1.4
	2.5	1.1		2.2	1.4
6+00	2.5	1.1		2.2	1.4
	2.5	1.1		2.2	1.4
	2.5	1.1	50	2.4	1.2
	2.5	1.1		2.6	1.0
	2.5	1.1		2.8	0.8
	2.5	1.1		3.0	0.6
50	2.8	0.8		3.0	0.6
	2.6	1.0	9+00	3.0	0.6
	2.5	1.1		2.7	0.9
	2.5	1.1		2.5	1.1
	2.5	1.1		2.4	1.2

STA. 119+00

STA. 119+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.2	1.4		3.0	0.6
50	2.2	1.4		2.8	0.8
	2.2	1.4	12+00	2.8	0.8
	2.2	1.4		2.8	0.8
	2.2	1.4		2.7	0.9
	2.2	1.4		2.7	0.9
10+00	2.2	1.4		2.7	0.9
	2.2	1.4	50	2.7	0.9
	2.3	1.3	(50)	2.7	0.9
	2.3	1.3	123	2.7	0.9
	2.3	1.3		2.7	0.9
50	2.4	1.2		2.7	0.9
125	2.4	1.2	13+00	2.7	0.9
	2.4	1.2		2.6	1.0
	2.4	1.2		2.6	1.0
	2.4	1.2		2.6	1.0
11+00	2.4	1.2		2.5	1.1
	2.4	1.2	50	2.5	1.1
	2.4	1.2		2.5	1.1
	2.4	1.2		2.5	1.1
	2.5	1.1		2.4	1.2
50	2.6	1.0		2.4	1.2
	2.7	0.9	14+00	2.3	1.3
	3.0	0.6		2.2	1.4

Dist	SOUND	El.	Dist	SOUND	El.
	2.1	1.6		0.9	3.3
	2.0	1.7		0.4	3.3
	1.9	1.8		0.4	3.3
50	1.8	1.9		0.6	3.1
	1.6	2.1	17+00	1.5	2.2
	1.6	2.1		3.0	0.7
	1.6	2.1		5.8	-2.1
	1.5	2.2		7.4	-3.7
15+00	1.5	2.2		8.4	-4.7
	1.3	2.4	50	9.2	-5.5
125	1.2	2.5		9.6	-5.9
	1.1	2.6	128	10.0	-6.3
(50)	1.0	2.7	(50)	10.4	-6.7
50	0.8	2.9		10.4	-6.7
	0.8	2.9	18+00	10.2	-6.5
	0.6	3.1	10	9.7	-6.0
	0.5	3.2	20	9.0	-5.3
	0.5	3.2	30	5.6	-1.9
16+00	0.5	3.2	40	2.8	0.9
	0.5	3.2	50	1.8	1.9
	0.4	3.3	60	2.0	1.7
	0.4	3.3	70	2.0	1.7
	0.4	3.3	80	1.5	2.2
	0.4	3.3	90	0.5	3.2
50	0.3	3.4	19+00	0.0	3.7

19+362 ⊕ in sidewalk

6-2-96

STA 117+00

0+00 = 88 + 67.58 SOUND West

Dist	SOUND	El.	Dist	SOUND	El.
0+00	2.4	1.3		2.3	1.4
	2.4	1.3		2.3	1.4
	2.3	1.4	50	2.3	1.4
	2.4	1.3		2.4	1.3
	2.4	1.3		2.4	1.3
50	2.4	1.3		2.4	1.3
	2.4	1.3		2.3	1.4
	2.4	1.3	3+00	2.3	1.4
	2.5	1.2	(M)	2.3	1.4
	2.5	1.2	(M)	2.3	1.4
1+00	2.5	1.2	143	2.2	1.5
141	2.5	1.2		2.2	1.5
	2.4	1.3	50	2.2	1.5
(M)	2.4	1.3		2.2	1.5
	2.4	1.3		2.2	1.5
50	2.4	1.3		2.2	1.5
	2.4	1.3		2.1	1.6
	2.3	1.4	4+00	2.1	1.6
	2.3	1.4		2.1	1.6
	2.3	1.4		2.1	1.6
2+00	2.3	1.4		2.1	1.6
	2.3	1.4		2.0	1.7
	2.3	1.4	50	2.0	1.7

(20)

STA 117+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.0	1.7	7+00	1.8	1.9
	2.1	1.6		1.8	1.9
	2.2	1.5		1.8	1.9
	2.1	1.6		2.1	1.6
5+00	2.1	1.6		2.2	1.5
	2.1	1.6	50	2.5	1.2
	2.1	1.6		2.5	1.2
	2.1	1.6		2.6	1.1
	2.1	1.6		3.0	0.7
50	2.1	1.6		2.8	0.9
	2.1	1.6	8+00	2.6	1.1
(M) 144	2.1	1.6		2.4	1.3
	2.1	1.6	145	2.1	1.6
	2.1	1.6	(M) 150	2.0	1.7
6+00	2.0	1.7		2.0	1.7
	2.0	1.7	50	2.0	1.7
	2.0	1.7		2.0	1.7
	2.0	1.7		2.1	1.6
	2.0	1.7		2.1	1.6
50	2.0	1.7		2.1	1.6
	2.0	1.7	9+00	2.1	1.6
	1.8	1.9		2.2	1.5
	1.8	1.9		2.3	1.4
	1.8	1.9		2.3	1.4

STA. 117+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.3	1.4		2.6	1.1
50	2.3	1.4		2.2	1.5
	2.3	1.4	12+00	2.1	1.6
	2.3	1.4		2.1	1.6
	2.3	1.4		2.1	1.6
	2.2	1.4		2.1	1.6
10+00	2.2	1.5		2.1	1.6
(M)	2.2	1.5	50	2.1	1.6
	2.3	1.4		2.1	1.6
147	2.3	1.4	(M)	2.1	1.6
	2.4	1.3		2.1	1.6
50	2.2	1.4	148	2.3	1.4
	2.3	1.4		2.5	1.2
	2.3	1.4	13+00	2.5	1.2
	2.4	1.3		2.6	1.1
	2.5	1.2		2.6	1.1
11+00	2.5	1.2		2.6	1.1
	2.5	1.2	50	2.7	1.0
	2.6	1.1		2.7	1.0
	2.7	1.0		2.6	1.1
	2.8	0.9		2.6	1.1
50	2.8	0.9		2.4	1.1
	2.9	0.8	14+00	2.6	1.1
	2.8	0.9		2.5	1.2

STA. 117+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.4	1.3		2.8	0.9
	2.1	1.6		2.8	0.9
	2.1	1.6		2.8	0.9
50	2.1	1.6		2.8	0.9
	2.2	1.5	17+00	3.0	0.7
	2.7	1.0		3.2	0.5
	3.5	0.2		3.2	0.5
	2.8	0.9		2.8	0.9
15+00	2.2	1.5		7.0	-3.3
	2.0	1.7	50	7.8	-4.1
	2.0	1.7		8.1	-4.4
149	2.0	1.7	150	9.3	-5.6
(M)	2.0	1.7		9.8	-6.1
	2.0	1.7	(M)	10.2	-6.5
50	2.0	1.7		10.5	-6.8
	2.2	1.5	18+00	10.4	-6.7
	2.5	1.5	10	10.3	-6.6
	3.0	0.7	20	9.5	-5.8
	3.1	0.6	30	8.0	-4.3
16+00	3.4	0.3	40	6.5	-2.8
	3.4	0.3	50	2.8	0.9
	3.4	0.3	60	1.7	2.0
	3.4	0.3	70	1.5	2.2
	3.4	0.3	80	1.5	2.2
	3.4	0.3	90	1.4	2.3
	3.4	0.3	19+00	1.1	2.6
	3.0	0.7	10	0.4	3.3
50			20	0.0	3.7
			30		
			19+60		

WALK

6-2-96

STA. 116+00

Dist	SOUND	El.	Dist	SOUND	El.
0+00 = 88+67.58			SOUND	West	
Dist	SOUND	El.	Dist	SOUND	El.
0+00	2.2	1.5		1.8	1.9
	2.2	1.5		1.8	1.9
	2.1	1.6	50	1.8	1.9
	2.1	1.6		1.9	1.8
	2.1	1.6		2.0	1.7
50	2.1	1.6		2.0	1.7
	2.2	1.5		2.0	1.7
	2.2	1.5	3+00	2.0	1.7
	2.2	1.5		2.0	1.7
	2.2	1.5		2.0	1.7
1+00	2.2	1.5	206	2.0	1.7
2.04	2.2	1.5	(m)	2.0	1.7
	2.2	1.5	50	2.0	1.7
(m)	2.2	1.5		2.0	1.7
	2.2	1.5		2.0	1.7
50	2.2	1.5		2.0	1.7
	2.2	1.5		2.0	1.7
	2.1	1.6	4+00	2.0	1.7
	2.1	1.6		2.0	1.7
	2.0	1.7		2.1	1.6
2+00	2.0	1.7		2.1	1.6
	2.0	1.7		2.1	1.6
	1.8	1.9	50	2.1	1.6

(22)

STA. 116+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.1	1.6	7+00	1.7	2.0
	2.1	1.6		1.7	2.0
	2.0	1.7		1.7	2.0
	2.0	1.7		2.0	1.7
5+00	2.0	1.7		2.3	1.4
	2.0	1.7	50	2.5	1.2
	2.0	1.7		2.7	1.0
	2.0	1.7		2.8	0.9
	2.0	1.7		3.0	0.7
50	2.0	1.7		2.8	0.9
(m)	2.0	1.7	8+00	2.5	1.2
	2.0	1.7		2.0	1.7
207	2.0	1.7	208	1.8	1.9
	2.0	1.7	(m)	1.8	1.9
6+00	2.0	1.7	(m)	1.8	1.9
	2.0	1.7	50	1.8	1.9
	2.0	1.7		1.9	1.8
	1.9	1.8		2.0	1.7
	1.9	1.8		2.0	1.7
50	1.8	1.9		2.0	1.7
	1.8	1.9	9+00	2.0	1.7
	1.8	1.9		2.0	1.7
	1.7	2.0		2.0	1.7
	1.7	2.0		2.0	1.7

STA. 116+00

STA. 116+00

Dist	SOUND	El.	Dist	SOUND	El.
	2.0	1.7		2.9	0.8
50	2.0	1.7		2.9	0.8
	2.0	1.7	12+00	2.8	0.9
	2.0	1.7		2.7	1.0
	2.0	1.7		2.6	1.1
	2.0	1.7		2.4	1.3
10+00	2.0	1.7		2.1	1.6
	2.0	1.7	50	2.0	1.7
(M)	2.0	1.7	(M)	2.0	1.7
210	2.0	1.7	211	2.0	1.7
50	2.1	1.6		2.0	1.7
	2.2	1.5	13+00	2.0	1.7
	2.2	1.5		2.0	1.7
	2.2	1.5		2.0	1.7
	2.2	1.5		2.0	1.7
11+00	2.2	1.5		1.9	1.8
	2.3	1.4	50	1.9	1.8
	2.3	1.4		1.9	1.8
	2.3	1.4		2.0	1.7
	2.4	1.3		2.1	1.6
50	2.4	1.3		2.1	1.6
	2.5	1.2	14+00	2.0	1.7
	2.6	1.1		2.1	1.6

Dist	SOUND	El.	Dist	SOUND	El.
	2.2	1.5		1.1	2.6
	2.1	1.6		1.1	2.6
	2.1	1.6		1.2	2.5
50	2.1	1.6		1.2	2.5
	2.1	1.6	17+00	1.7	2.0
	2.1	1.6		2.0	1.7
	2.0	1.7		2.8	0.9
	2.0	1.7		3.2	0.5
15+00	1.9	1.8		3.2	0.5
	1.8	1.9	50	5.0	-1.3
212	1.8	1.9		6.5	-2.8
(M)	1.8	1.9	219	8.2	-4.5
	1.8	1.9	(M)	9.5	-5.8
50	1.8	1.9		10.1	-6.4
	1.8	1.9	18+00	10.1	-6.4
	1.8	1.9	10	10.3	-6.6
	1.7	2.0	20	10.4	-6.7
	1.5	2.2	30	10.3	-6.6
16+00	1.5	2.2	40	9.7	-6.0
	1.5	2.2	50	8.2	-4.5
	1.5	2.2	60	6.2	-2.5
	1.1	2.6	70	3.0	0.7
	1.0	2.7	80	2.2	1.5
50	1.0	2.7	90	2.0	1.7

6-2-76

(24)

STA. 116+00

Dist	SOUND	EI.
19400	1.8	1.9
10	1.8	1.9
20	1.7	2.0
30	1.1	2.6
40	0.4	3.3
45	0.0	3.7

1978 = ⊕ IN SIDE WALK

STA. 115+00

0+00 = 88 + 67.58 SOUND West					
DIST	SOUND	EI.	DIST	SOUND	EI.
0+00	2.0	1.6		1.5	2.2
	2.0	1.6		1.5	2.2
	2.0	1.6	50	1.5	2.2
	1.9	1.7		1.5	2.2
	1.9	1.7		1.5	2.2
50	1.9	1.7		1.5	2.2
	1.9	1.7		1.5	2.2
(3.6)	1.9	1.7		1.5	2.2
	1.8	1.8	3+00	1.6	2.1
227	1.8	1.8		1.7	1.9
1+00	1.8	1.8	229	2.1	1.5
	1.8	1.8	(3.6)	2.2	1.4
	1.7	1.9		2.3	1.3
	1.7	1.9	50	2.4	1.2
	1.7	1.9		2.3	1.3
50	1.7	1.9		2.0	1.6
	1.7	1.9		2.0	1.6
	1.7	1.9		1.8	1.8
	1.7	1.9	4+00	1.8	1.8
	1.7	1.9		1.8	1.8
	1.7	1.9		1.8	1.8
2+00	1.7	1.9		1.8	1.8
	1.6	2.1		1.8	1.8
	1.5	2.2	50	1.8	1.8

STA. 115+00

STA. 115+00

Dist	SOUND	EI.	Dist	SOUND	EI.
	1.8	1.8	7+00	1.5	2.1
	1.8	1.8		1.5	2.1
	1.8	1.8		1.5	2.1
	1.8	1.8		1.6	2.0
5+00	1.9	1.7		2.0	1.6
	1.9	1.7	50	2.2	1.4
	1.9	1.7		2.5	1.1
	1.8	1.8		2.7	0.9
	1.8	1.8		2.9	0.7
(36) 50	1.6	2.0	8+00	3.0	0.6
	1.5	2.1		2.7	0.9
23	1.6	2.0	23	2.9	1.2
	1.6	2.0		2.0	1.6
	1.5	2.1	(36)	1.8	1.8
6+00	1.5	2.1		1.7	1.9
	1.5	2.1	50	1.6	2.0
	1.5	2.1		1.6	2.0
	1.5	2.1		1.6	2.0
	1.5	2.1		1.6	2.0
50	1.5	2.1		1.7	1.9
	1.5	2.1	9+00	1.7	1.9
	1.5	2.1		1.8	1.8
	1.5	2.1		1.8	1.8
	1.5	2.1		1.9	1.7

Dist	SOUND	EI.	Dist	SOUND	EI.
	1.9	1.7		2.1	1.5
50	2.0	1.6		2.0	1.6
	2.0	1.6	12+00	2.0	1.6
	2.0	1.6		2.0	1.6
	2.0	1.6		2.1	1.5
	2.0	1.6		2.4	1.2
10+00	2.0	1.6		2.5	1.1
	2.0	1.6	50	2.7	0.9
(36)	2.2	1.4	(36)	2.7	0.9
	2.1	1.5		2.5	1.1
233	2.0	1.6	234	2.4	1.2
50	2.0	1.6		2.0	1.6
	2.0	1.6	13+00	1.8	1.8
	2.1	1.5		1.6	2.0
	2.1	1.5		1.6	2.0
	2.1	1.5		1.6	2.0
11+00	2.2	1.4		1.5	2.1
	2.1	1.5	50	1.5	2.1
	2.1	1.5		1.5	2.1
	2.2	1.4		1.5	2.1
	2.2	1.4		1.5	2.1
50	2.2	1.4		1.5	2.1
	2.2	1.4	14+00	1.6	2.0
	2.2	1.4		1.6	2.0

STA. 115+00

STA. 115+00

Dist	SOUND	EI	Dist	SOUND	EI
	1.6	2.0		1.1	2.4
	1.7	1.9		1.0	2.5
	1.9	1.7		0.8	2.7
50	1.9	1.7		0.7	2.8
	1.9	1.7	17+00	0.7	2.8
	1.8	1.8		0.6	2.9
	1.7	1.9		0.5	3.0
	1.6	2.0		1.0	2.5
15+00	1.5	2.1		1.5	2.0
	1.5	2.1	50	2.0	1.5
	1.5	2.1	238	3.5	0.0
236	1.5	2.1		6.0	-2.5
	1.5	2.1	(53)	7.6	-4.1
(36) 50	1.4	2.2		9.4	-5.9
	1.4	2.2	18+00	10.0	-6.5
	1.4	2.2		10.3	-6.8
	2.9	1.2		9.9	-6.4
	3.0	0.6		10.1	-6.6
16+00	2.7	0.9		10.0	-6.5
	2.2	1.4	50	9.6	-6.1
	1.9	1.7		8.5	-5.0
	1.8	1.8		7.1	-3.6
	1.6	2.0		5.0	-1.5
50	1.4	2.2		2.2	1.3

19+98 = (+) IN SIDEWALK

Dist	SOUND	EI
19+00	1.6	1.9
10	1.5	2.0
20	1.5	2.0
30	1.4	2.1
40	1.1	2.4
50	0.6	2.9
58	0.0	3.5

6-30-96

STA 114+00

0+00 = 88+67.58 - SOUND West

Dist	SOUND	EL	Dist	SOUND	EL
0+00	0.6	2.4		1.5	1.5
	0.6	2.4		1.6	1.4
	0.6	2.4	50	1.3	1.7
	0.6	2.4		1.1	1.9
	0.5	2.5		0.6	2.4
50	0.6	2.4		0.6	2.4
	0.6	2.4		0.7	2.3
	0.6	2.4	3+00	0.8	2.2
	0.6	2.4		0.8	2.2
	0.6	2.4	10 ⁰⁹	0.8	2.2
1+00	0.6	2.4	(3.0)	0.8	2.2
	0.5	2.5		0.8	2.2
10 ⁰¹ (3.0)	0.5	2.5	50	0.8	2.2
	0.5	2.5		0.9	2.1
	0.5	2.5		0.9	2.1
50	0.5	2.5		0.8	2.2
	0.5	2.5		1.0	2.0
	0.6	2.4	4+00	1.0	2.0
	0.7	2.3		1.0	2.0
	1.0	2.0		1.0	2.0
2+00	1.1	1.9		0.9	2.1
	1.2	1.8		1.0	2.0
	1.4	1.6	50	0.9	2.1

(27)

STA 114+00

D	S	EL.	D	S	EL.
	0.9	2.1	7+00	0.5	2.6
	0.9	2.1		0.6	2.5
	1.0	2.0		0.7	2.4
	0.8	2.2		0.8	2.3
5+00	0.8	2.2		1.0	2.1
	0.8	2.2	50	1.6	1.5
	0.7	2.3		1.8	1.3
	0.6	2.4		2.0	1.1
	0.6	2.4		1.6	1.5
50	0.5	2.5		1.5	1.6
	0.5	2.5	8+00	1.6	1.5
10 ⁰⁶ (3.0)	0.5	2.5		1.4	1.7
	0.5	2.5	10 ⁰⁹ (3.1)	1.2	1.9
	0.5	2.5		0.9	2.2
6+00	0.5	2.5		0.9	2.2
	0.5	2.5	50	0.9	2.2
	0.5	2.5		0.9	2.2
	0.4	2.6		0.9	2.2
	0.5	2.5		0.9	2.2
50	0.5	2.5		0.9	2.2
	0.5	2.5	9+00	0.9	2.2
	0.5	2.5		1.0	2.1
	0.5	2.5		1.0	2.1
	0.5	2.5		1.1	2.0

STA. 114+00

D	S	EI,	D	S	EI,
	1.0	2.1		1.6	1.5
50	1.1	2.0		1.6	1.5
	1.1	2.0	12+00	1.6	1.5
	1.1	2.0		1.6	1.5
	1.0	2.0		1.4	1.7
	1.0	2.0		1.3	1.8
10+00	1.1	2.0		1.2	1.9
	1.2	1.9	50	1.3	1.8
	1.2	1.9		1.3	1.8
	1.4	1.7	(3.1)	1.5	1.6
(3.1)	1.3	1.8	10 ¹⁴	1.9	1.2
50	1.3	1.8		2.2	0.9
10 ¹²	1.2	1.9	13+00	2.4	0.7
	1.4	1.7		2.2	0.9
	1.4	1.7		1.7	1.4
	1.3	1.8		1.5	1.6
11+00	1.3	1.8		1.2	1.9
	1.3	1.8	50	1.1	2.0
	1.3	1.8		1.0	2.1
	1.5	1.6		0.9	2.2
	1.5	1.6		0.7	2.4
50	1.5	1.6		0.8	2.3
	1.6	1.5	14+00	0.8	2.3
	1.6	1.5		0.7	2.4

(28)

STA. 119+00

D	S	EI,	D	S	EI,
	0.7	2.5		1.1	2.1
	0.7	2.5		1.1	2.1
	0.6	2.6		1.1	2.1
50	0.6	2.6		1.1	2.1
	0.8	2.4	17+00	1.0	2.2
	0.8	2.4		1.4	1.8
	0.9	2.3		1.3	1.9
	1.0	2.2		1.4	1.8
15+00	1.0	2.2		1.3	1.9
	1.0	2.2	50	1.0	2.2
(3.2)	1.0	2.2		1.6	1.6
10 ¹⁶	1.0	2.2	10 ¹⁹	1.7	1.5
	1.3	1.9	(3.2)	2.8	0.4
50	1.6	1.6		6.0	-2.8
	2.2	1.0	18+00	7.5	-4.3
	2.1	1.1		9.0	-5.8
	2.0	1.2		10.2	-7.0
	1.5	1.7		10.1	-6.9
16+00	1.3	1.9		10.0	-6.8
	1.2	2.0	50	9.2	-6.0
	1.1	2.1		9.1	-5.9
	1.1	2.1		8.9	-5.7
	1.2	2.0		8.2	-5.0
50	1.2	2.0		7.7	-4.5

STA 114+00

D	S	EI
19+00	7.4	-4.2
	3.1	0.1
	1.6	1.6
	1.0	2.2
	0.6	2.6
(3.7) 50	0.6	2.6
60	0.1	3.1
10 ³² 62	0.0	3.2

20+20 = East Edge of Sidewalk

STA 113+00

0+00 = STA 88+67.58 - SOUND West					
D	S	EI	D	S	EI
0+00	0.9	2.5		1.1	2.3
	1.0	2.4		1.2	2.2
	1.1	2.3	50	1.3	2.1
	1.1	2.3		1.2	2.2
	1.2	2.2		1.2	2.2
50	1.4	2.0		1.3	2.1
	1.6	1.8		1.3	2.1
	1.7	1.7	3+00	1.4	2.0
	1.6	1.8		1.3	2.1
	1.8	1.6	(3.9)	1.3	2.1
1+00	1.8	1.6	10 ⁴⁸	1.4	2.0
10 ⁴⁶	1.7	1.7		1.4	2.0
(3.9)	1.9	1.5	50	1.5	1.9
	1.8	1.6		1.6	1.8
	1.6	1.8		1.6	1.8
50	1.5	1.9		1.5	1.9
	1.4	2.0		1.5	1.9
	1.2	2.2	4+00	1.5	1.9
	1.3	2.1		1.5	1.9
	1.1	2.3		1.6	1.8
2+00	1.1	2.3		1.5	1.9
	1.1	2.3		1.4	2.0
	1.1	2.3	50	1.3	2.1

STA. 113+00					
D	S	EI	D	S	EI
	1.3	2.1	7+00	1.3	2.2
	1.2	2.2		1.4	2.1
	1.1	2.3		1.5	2.0
	1.1	2.3		2.1	1.4
5+00	1.1	2.3		2.3	1.2
	1.1	2.3	50	2.4	1.1
	1.1	2.3		2.4	1.1
	1.0	2.4		2.4	1.1
	1.0	2.4		2.3	1.2
50	1.1	2.3		2.3	1.2
(3.9)	1.0	2.4	8+00	2.0	1.5
1050	1.0	2.4		1.8	1.7
	1.0	2.4	1053	1.6	1.9
	1.0	2.4	(3.5)	1.4	2.1
6+00	1.0	2.4		1.4	2.1
	1.0	2.4	50	1.4	2.1
	1.0	2.4		1.4	2.1
	1.1	2.3		1.4	2.1
	1.1	2.3		1.4	2.1
50	1.1	2.3		1.4	2.1
	1.1	2.3	9+00	1.4	2.1
	1.1	2.3		1.4	2.1
	1.1	2.3		1.4	2.1
	1.2	2.2		1.4	2.1

STA. 113+00 (30)					
D	S	EI	D	S	EI
	1.4	2.1		1.9	1.6
50	1.5	2.0		1.9	1.6
	1.6	1.9	12+00	1.9	1.6
	1.5	2.0		1.9	1.6
	1.5	2.0		2.0	1.5
	1.5	2.0		1.9	1.6
10+00	1.5	2.0		1.9	1.6
	1.5	2.0	50	1.8	1.7
	1.6	1.9		1.7	1.8
(3.5)	1.6	1.9		1.8	1.7
	1.7	1.8	(3.5)	1.8	1.7
50	1.7	1.8		1.8	1.7
1054	1.7	1.8	13+00	1.4	2.1
	1.7	1.8	1055	1.6	1.9
	1.7	1.8		1.6	1.9
	1.7	1.8		1.6	1.9
11+00	1.7	1.8		1.6	1.9
	1.7	1.8	50	1.7	1.8
	1.9	1.6		2.0	1.5
	2.0	1.5		2.3	1.2
	1.9	1.6		3.0	0.5
50	1.9	1.6		3.5	0.0
	1.9	1.6	14+00	3.5	0.0
	1.9	1.6		3.0	0.5

		STA 113+00				
D	S	EI	D	S	EI	
		3.0	0.5	1.0	2.5	
		2.8	0.7	1.0	2.5	
		2.6	0.9	0.8	2.7	
50		2.6	0.9	0.7	2.8	
		2.6	0.9	17+00	0.9	2.6
		2.9	1.1		1.0	2.5
		2.7	0.8		1.1	2.4
		2.7	0.8		1.0	2.5
15+00		2.6	0.9	(3.5)	0.9	2.6
(3.5)		2.8	0.7	50	1.1	2.4
10 ¹⁶		2.9	0.6	1058	1.2	2.3
		2.8	0.7		1.4	2.1
		2.6	0.9		2.0	1.5
50		2.3	1.2		3.2	0.3
		2.3	1.2	18+00	4.3	-0.8
		2.0	1.5		6.9	-3.4
		2.0	1.5		8.2	-4.7
		1.9	1.6		9.3	-5.8
16+00		1.8	1.7		10.4	-6.9
		1.7	1.8	50	10.7	-7.2
		1.6	1.9		10.8	-7.3
		1.4	2.1		10.7	-7.2
		1.3	2.2		11.2	-7.7
50		1.2	2.3		11.2	-7.7

		STA 113+00			
D	S	EI	D	S	EI
19+00		10.1	-6.6		
		6.3	-2.8		
		2.5	1.0		
		1.8	1.7		
		1.2	2.3		
50		1.2	2.3		
60		1.2	2.3		
(3.5)		70	0.7	2.8	
10 ¹⁶		80	0.2	3.3	
		82	0.0	3.5	

20+38 = (+) IN SIDEWALK

6-30-96

STA. 107+00

0+00 = STA. 88+67.58 - SOUND WEST					
D	S	EI	D	S	EI
0+00	0.6	3.1		1.0	2.7
	0.6	3.1		0.9	2.8
	0.6	3.1	50	0.8	2.9
	0.6	3.1		0.8	2.9
	0.6	3.1		1.0	2.7
50	0.6	3.1		1.0	2.7
	0.6	3.1		0.7	3.0
	0.6	3.1	3+00	1.0	2.7
(3.7)	0.7	3.0		1.1	2.6
	0.6	3.1	(3.7)	1.0	2.7
1+00	0.6	3.1		1.1	2.6
1120	0.7	3.0	1120	1.2	2.5
	0.7	3.0	50	1.1	2.6
	0.7	3.0		1.1	2.6
	0.7	3.0		1.1	2.6
50	0.8	2.9		1.4	2.3
	0.8	2.9		1.4	2.3
	0.8	2.9	4+00	1.4	2.3
	0.8	2.9		2.0	1.7
	0.8	2.9		2.1	1.6
2+00	0.8	2.9		2.3	1.4
	0.8	2.9		2.6	1.1
	0.8	2.9	50	2.8	0.9

(32)

STA. 107+00

D	S	EI	D	S	EI
	2.8	0.9	7+00	1.3	2.4
	2.8	0.9		1.3	2.4
	2.9	0.8		1.3	2.4
	2.9	0.8		1.3	2.4
5+00	2.9	0.8		1.3	2.4
	2.9	0.8	50	1.4	2.3
	3.0	0.7		1.4	2.3
	3.1	0.6		1.5	2.2
	3.5	0.2		1.5	2.2
50	3.7	0.0		1.3	2.4
	3.7	0.0		1.3	2.4
(3.7)	3.7	0.0	8+00	1.4	2.3
	3.3	0.4	(3.7)	1.4	2.3
1120	3.2	0.5	1120	1.4	2.3
	3.2	0.5		1.4	2.3
6+00	2.9	0.8		1.4	2.3
	2.8	0.9	50	1.4	2.3
	2.0	1.7		1.3	2.4
	1.8	1.9		1.3	2.4
	1.3	2.4		1.3	2.4
50	1.2	2.5		1.3	2.4
	1.3	2.4	9+00	1.3	2.4
	1.3	2.4		1.3	2.4
	1.3	2.4		1.5	2.2
	1.3	2.4		1.5	2.2

STA. 107+00

D	S	EI.	D	S	EI.
	1.5	2.2		1.3	2.4
50	1.5	2.2		1.3	2.4
	1.5	2.2	12+00	1.3	2.4
	1.5	2.2		1.3	2.4
	1.5	2.2		1.3	2.4
	1.5	2.2		1.5	2.2
10+00	1.5	2.2		1.8	1.9
	1.4	2.3	50	1.9	1.8
	1.4	2.3		2.0	1.7
(3.7)	1.4	2.3		2.0	1.7
	1.4	2.3	(3.7)	2.0	1.7
50	1.5	2.2		1.9	1.8
11 ²⁶	1.5	2.2	13+00	1.9	1.8
	1.5	2.2		1.8	1.9
	1.4	2.3	11 ²⁷	2.0	1.7
	1.4	2.3		2.2	1.5
11+00	1.4	2.3		2.2	1.5
	1.3	2.4	50	1.9	1.8
	1.3	2.4		1.7	2.0
	1.3	2.4		1.4	2.3
	1.3	2.4		1.6	2.1
50	1.3	2.4		1.5	2.2
	1.3	2.4	14+00	1.6	2.1
	1.3	2.4		1.8	1.9

STA. 107+00

D	S	EI.	D	S	EI.
	2.5	1.3		1.5	2.3
	2.4	1.4		1.4	2.4
	2.5	1.3		1.4	2.4
50	2.5	1.3		1.5	2.3
	2.4	1.4	17+00	1.5	2.3
	2.4	1.4		1.4	2.4
	2.5	1.3		1.3	2.5
	2.3	1.5		1.3	2.5
15+00	2.2	1.6		1.3	2.5
	2.0	1.8	50	1.4	2.4
(3.8)	1.8	2.0	(3.8)	1.4	2.4
11 ²⁹	1.6	2.2	11 ³⁰	1.3	2.5
	1.7	2.1		1.0	2.8
50	1.6	2.2		0.9	2.9
	1.5	2.3	18+00	0.6	3.2
	1.6	2.2		1.0	2.8
	1.7	2.1		1.1	2.7
	1.8	2.0		1.4	2.4
16+00	1.8	2.0		3.1	0.7
	1.8	2.0	50	6.2	-2.4
	1.8	2.0		8.0	-4.2
	1.8	2.0		9.1	-5.3
	1.7	2.1		10.3	-6.5
50	1.5	2.3		10.7	-6.9

STA. 107+00

D	S	EI.
19+00	10.2	-6.4
	10.2	-6.4
	9.5	-5.7
	9.4	-5.6
	9.3	-5.5
50	8.8	-5.0
	8.0	-4.2
	7.5	-3.7
	7.0	-3.2
	6.1	-2.3
20+00	4.0	-0.2
	1.5	2.3
	0.3	3.5
	0.7	3.1
	2.5	1.3
50	2.2	1.6
60	1.3	2.5
70	0.6	3.2
80	0.0	3.8

21+45 = (+) IN SIDEWALK

6-30-46 (34)

STA. 108+00

0+00 = STA. 88+67, 578 - SOUND - WEST

D	S	EI.	D	S	EI.
0+00	1.0	2.9		1.2	2.7
	1.0	2.9		1.2	2.7
	1.0	2.9	50	1.2	2.7
	1.0	2.9		1.2	2.7
	0.9	3.0		1.2	2.7
50	0.9	3.0		1.3	2.6
	0.9	3.0		1.2	2.7
	0.9	3.0	3+00	1.2	2.7
	0.9	3.0		1.3	2.6
1+00	1.0	2.9	(3.9)	1.2	2.7
1153	0.9	3.0	1154	1.1	2.8
(3.9)	0.9	3.0	50	1.2	2.7
	1.0	2.9		1.2	2.7
	1.0	2.9		1.3	2.6
50	1.0	2.9		1.3	2.6
	1.0	2.9		1.3	2.6
	1.0	2.9	4+00	1.3	2.6
	1.0	2.9		1.3	2.6
	1.0	2.9		1.3	2.6
2+00	1.3	2.6		1.3	2.6
	1.3	2.6		1.3	2.6
	1.1	2.8	50	1.3	2.6

STA. 108+00

STA. 108+00

D	S	EI.	D	S	EI.
	1.6	2.3	7+00	2.3	1.7
	1.6	2.3		2.1	1.9
	1.5	2.4		2.1	1.9
	1.5	2.4		2.0	2.0
5+00	1.6	2.3		2.0	2.0
	2.1	1.8	50	1.9	2.1
	2.5	1.4		1.8	2.2
(3.9)	2.6	1.3		1.6	2.4
50	2.7	1.2		1.6	2.4
	2.7	1.2		1.6	2.4
	2.8	1.1	8+00	1.6	2.4
1157	3.0	0.9	(4.0)	1.6	2.4
	3.1	0.8	1159	1.6	2.4
	3.3	0.6		1.7	2.3
6+00	3.4	0.5		1.7	2.3
	3.4	0.5	50	1.8	2.2
	3.3	0.6		2.0	2.0
	3.3	0.6		2.0	2.0
	3.0	0.9		2.0	2.0
50	3.0	0.9		1.9	2.1
	3.0	0.9	9+00	1.8	2.2
	2.9	1.0		1.8	2.2
	2.8	1.1		1.8	2.2
	2.5	1.4		1.9	2.1

D	S	EI.	D	S	EI.
	1.9	2.1		2.0	2.0
50	1.9	2.1		2.0	2.0
	1.8	2.2	12+00	2.0	2.0
	1.8	2.2		2.0	2.0
	1.8	2.2		2.0	2.0
	1.8	2.2		1.9	2.1
10+00	1.9	2.1		1.8	2.2
	1.9	2.1	50	1.9	2.1
	1.9	2.1		1.9	2.1
	1.9	2.1		1.9	2.1
	1.9	2.1		1.9	2.1
50	1.8	2.2	(4.0)	1.9	2.1
1200	1.8	2.2	1201	1.8	2.2
	1.8	2.2	13+00	1.8	2.2
(4.0)	1.8	2.2		1.6	2.4
	1.8	2.2		1.5	2.5
	1.7	2.3		1.5	2.5
11+00	1.7	2.3		1.5	2.5
	1.7	2.3	50	1.5	2.5
	1.7	2.3		1.4	2.6
	1.7	2.3		1.4	2.6
	2.0	2.0		1.5	2.5
50	1.9	2.6		1.5	2.5
	2.0	2.0	14+00	1.6	2.4
	2.0	2.0		1.8	2.2

Sta. 108+00

Sta. 108+00

D	S	El.	D	S	El.
	2.1	1.9		1.5	2.5
	2.5	1.5		1.5	2.5
	2.7	1.3		2.0	2.0
50	3.0	1.0		2.0	2.0
	2.8	1.2	17+00	2.1	1.9
	3.0	1.0		2.1	1.9
	3.0	1.0		2.1	1.9
	3.0	1.0		2.3	1.7
15+00	3.0	1.0		2.3	1.7
	3.0	1.0	50	2.3	1.7
12 ⁰²	2.7	1.3	(A.0)	2.2	1.8
(A.0)	2.4	1.6	12 ⁰³	2.2	1.8
	2.0	2.0		2.3	1.7
50	2.0	2.0		2.3	1.7
	2.1	1.9	18+00	2.4	1.6
	2.2	1.8		2.9	1.1
	2.0	2.0		4.0	0.0
	2.0	2.0		6.2	-2.2
16+00	1.9	2.1		7.0	-3.0
	1.9	2.1	50	9.3	-5.3
	1.7	2.3		9.7	-5.7
	1.5	2.5		9.7	-5.7
	1.5	2.5		9.7	-5.7
50	1.5	2.5		9.0	-5.0

D	S	El.	D	S	El.
19+00	9.9	-5.9			
	9.9	-5.9			
	9.2	-5.2			
	8.9	-4.9			
	8.3	-4.3			
50	7.2	-3.2			
	6.1	-2.4			
	4.6	-0.6			
	2.9	1.1			
	1.3	2.7			
20+00	1.2	2.8			
12 ⁰⁵	1.9	2.1			
(A.0)	2.0	2.0			
	2.1	1.9			
	2.1	1.9			
50	1.4	2.6			
60	1.2	2.8			
70	0.6	3.4			
80	0.0	4.0			

21+42 = ⊕ IN Sidewalk

6-30-46

STA. 109+00

0+00 = STA. 98+67.58 - SOUND		West			
D	S	EI.	D	S	EI.
0+00	1.4	2.6		1.1	2.9
	1.5	2.5		1.1	2.9
	1.6	2.4	50	1.1	2.9
	1.6	2.4		1.1	2.9
	1.6	2.4		1.1	2.9
50	1.6	2.4		1.1	2.9
	1.4	2.6		1.0	3.0
	1.3	2.7	3+00	1.1	2.9
(4.0)	1.2	2.8		1.1	2.9
	1.2	2.8	(4.0)	1.0	3.0
1+00	1.2	2.8		1.0	3.0
12 ¹⁹	1.2	2.8	12 ²⁰	1.2	2.8
	1.2	2.8	50	1.2	2.8
	1.2	2.8		1.2	2.8
	1.2	2.8		1.3	2.7
50	1.2	2.8		1.3	2.7
	1.2	2.8		1.3	2.7
	1.1	2.9	4+00	1.3	2.7
	1.1	2.9		1.4	2.6
	1.1	2.9		1.3	2.7
2+00	1.1	2.9		1.3	2.7
	1.1	2.9		1.3	2.7
	1.1	2.9	50	1.3	2.7

(37)

STA. 109+00

D		S		EI.	
D	S	EI.	D	S	EI.
	1.4	2.6	7+00	2.8	1.2
	1.4	2.6		2.5	1.5
	1.4	2.6		2.5	1.5
	1.5	2.5		2.5	1.5
5+00	1.4	2.6		2.3	1.7
	1.4	2.6	50	2.3	1.7
	1.4	2.6		2.3	1.7
	1.5	2.5		2.1	1.9
	1.2	2.8		2.1	1.9
50	1.5	2.5		2.1	1.9
(4.0)	1.5	2.5	8+00	2.1	1.9
	1.8	2.2		2.0	2.0
12 ²²	2.0	2.0	12 ²⁴	2.0	2.0
	2.0	2.0	(4.0)	2.0	2.0
6+00	2.3	1.7		2.0	2.0
	2.4	1.6	50	2.0	2.0
	2.6	1.4		2.0	2.0
	2.7	1.3		1.9	2.1
	3.0	1.0		1.9	2.1
50	3.0	1.0		1.9	2.1
	3.4	0.6	9+00	1.9	2.1
	3.4	0.6		1.9	2.1
	3.4	0.6		2.0	2.0
	3.5	0.5		2.0	2.0

STA. 109+00

D	S	EI.	D	S	EI.
	2.0	2.0		1.8	2.2
50	2.0	2.0		1.7	2.3
	2.0	2.0	12+00	1.7	2.3
	2.0	2.0		1.6	2.4
	2.0	2.0		1.6	2.4
	2.0	2.0		1.6	2.4
10+00	2.0	2.0		1.6	2.4
	2.0	2.0	50	1.6	2.4
	2.0	2.0		1.6	2.4
(4.0)	2.0	2.0	(4.0)	1.7	2.3
	2.0	2.0		1.8	2.2
50	2.0	2.0	12 ²⁷	2.0	2.0
12 ²³	2.0	2.0	13+00	2.0	2.0
	2.0	2.0		2.0	2.0
	2.0	2.0		1.8	2.2
	2.0	2.0		1.8	2.2
11+00	1.9	2.1		1.6	2.4
	1.8	2.2	50	1.6	2.4
	1.8	2.2		1.5	2.5
	1.8	2.2		1.5	2.5
	1.8	2.2		1.5	2.5
50	1.8	2.2		1.5	2.5
	1.9	2.1	14+00	1.5	2.5
	1.9	2.1		1.5	2.5

(38)

STA. 109+00

D	S	EI.	D	S	EI.
	1.5	2.5		3.0	1.0
	1.7	2.3		3.0	1.0
	1.8	2.2		3.1	0.9
50	1.8	2.2		3.1	0.9
	1.9	2.1	17+00	3.1	0.9
	2.2	1.8		3.0	1.0
	2.5	1.5		3.0	1.0
	3.0	1.0		2.8	1.2
15+00	3.3	0.7		2.7	1.3
(4.0)	2.7	1.3	50	2.8	1.2
	2.6	1.4		3.0	1.0
12 ²⁹	2.7	1.3	12 ²⁰	3.1	0.9
	2.4	1.6	(4.0)	3.1	0.9
50	2.4	1.6		3.0	1.0
	2.5	1.5	18+00	3.0	1.0
	2.5	1.5		3.7	0.3
	2.3	1.7		5.0	-1.0
	2.5	1.5		6.6	-2.6
16+00	2.6	1.4		8.7	-4.7
	2.7	1.3	50	9.3	-5.3
	2.8	1.2		10.4	-6.4
	2.8	1.2		11.0	-7.0
	2.8	1.2		11.0	-7.0
50	2.8	1.2		10.5	-6.5

6-30-46

(39)

STA. 109+00

D	S	EI.
19+00	11.1	-7.1
	10.9	-6.9
	10.0	-6.0
	9.0	-5.0
	7.5	-3.5
50	5.5	-1.5
	2.9	1.1
	2.1	1.9
(4.0)	2.2	1.8
	2.3	1.7
20+00	2.2	1.8
	2.0	2.0
12 ²⁴	2.0	2.0
	1.5	2.5
	1.0	3.0
	0.2	3.8
53	0.0	4.0

21+22 = (+) in Side Walk

STA. 110+00

0+00 = STA. 88+67.58 - SOUND West					
D	S	EI.	D	S	EI.
0+00	1.5	2.5		1.3	2.7
	1.5	2.5		1.3	2.7
	1.4	2.6	50	1.3	2.7
	1.5	2.5		1.3	2.7
	1.4	2.6		1.3	2.7
50	1.4	2.6		1.3	2.7
	1.6	2.4		1.3	2.7
	1.6	2.4	3+00	1.3	2.7
	1.6	2.4		1.3	2.7
	1.6	2.4	(4.0)	1.2	2.8
1+00	1.6	2.4	12 ⁵⁷	1.2	2.8
	1.6	2.4	50	1.2	2.8
12 ⁰⁰	1.4	2.6		1.3	2.7
(4.0)	1.3	2.7		1.3	2.7
	1.3	2.7		1.4	2.6
50	1.3	2.7		1.4	2.6
	1.2	2.8		1.4	2.6
	1.3	2.7	4+00	1.4	2.6
	1.2	2.8		1.5	2.5
	1.3	2.7		1.4	2.6
2+00	1.3	2.7		1.4	2.6
	1.3	2.7		1.3	2.7
	1.3	2.7	50	1.3	2.7

STA. 110+00					
D	S	EI	D	S	EI
	1.3	2.7	7+00	3.3	0.7
	1.3	2.7		3.2	0.8
	1.3	2.7		3.0	1.0
	1.3	2.7		3.0	1.0
5+00	1.3	2.7		2.6	1.4
	1.3	2.7	50	2.4	1.6
	1.4	2.6		2.1	1.9
(4.0)	1.3	2.7		2.0	2.0
	1.3	2.7		1.9	2.1
50	1.3	2.7		1.8	2.2
1253	1.3	2.7	8+00	1.8	2.2
	1.3	2.7	1255	1.8	2.2
	1.3	2.7	(4.0)	1.8	2.2
6+00	1.4	2.6		1.8	2.2
	1.5	2.5	50	1.8	2.2
	1.5	2.5		1.9	2.1
	1.8	2.2		1.9	2.1
	1.9	2.1		2.0	2.0
	2.0	2.0		2.0	2.0
50	2.3	1.7		1.8	2.2
	2.7	1.3	9+00	2.0	2.0
	3.0	1.0		1.8	2.2
	3.1	0.9		1.9	2.1
	3.2	0.8		1.9	2.1

STA. 110+00 (40)					
D	S	EI	D	S	EI
	1.9	2.1		1.7	2.3
50	1.9	2.1		1.7	2.3
	1.8	2.2	12+00	1.6	2.4
	1.8	2.2		1.6	2.4
	1.8	2.2		1.6	2.4
	2.0	2.0		1.6	2.4
10+00	2.0	2.0		1.5	2.5
	1.9	2.1	50	1.5	2.5
	2.0	2.0		1.5	2.5
	2.0	2.0		1.6	2.4
1256	2.0	2.0		1.6	2.4
50	2.0	2.0		1.6	2.4
(4.0)	2.0	2.0	1258	1.7	2.3
	2.0	2.0	13+00	1.7	2.3
	2.0	2.0	(4.0)	1.7	2.3
	2.0	2.0		1.8	2.2
	2.0	2.0		1.8	2.2
11+00	2.0	2.0		1.8	2.2
	2.0	2.0	50	1.8	2.2
	2.0	2.0		1.6	2.4
	1.8	2.2		1.5	2.5
	1.8	2.2		1.4	2.6
50	1.8	2.2		1.4	2.6
	1.8	2.2		1.4	2.6
	1.7	2.3	14+00	1.3	2.7
				1.3	2.7

STA. 110+00					
D	S	EI	D	S	EI
	1.3	2.7		0.5	3.5
	1.3	2.7		0.2	3.8
	1.3	2.7		0.1	3.9
50	1.4	2.6		0.1	3.9
	1.5	2.5	17+00	0.1	3.9
	1.5	2.5		0.1	3.9
	1.4	2.6		0.0	4.0
	1.4	2.6	(4.0)	0.1	3.9
15+00	1.3	2.7	(4.0)	0.1	3.9
(4.0)	1.3	2.7	50	0.2	3.8
	1.5	2.5	100	1.0	3.0
100	1.7	2.3	150	1.1	2.6
	1.3	2.7	(3.7)	1.2	2.5
50	1.1	2.9		1.3	2.4
	1.3	2.7	18+00	2.1	1.6
	2.0	3.0		3.3	0.4
	2.3	1.7		6.2	-2.5
	2.5	1.5		7.8	-4.1
16+00	2.0	2.0		9.4	-5.7
	1.0	3.0	50	10.3	-6.6
	0.5	3.5		10.9	-7.2
	0.4	3.6		11.2	-7.5
	0.4	3.6		11.0	-7.3
50	0.5	3.5		10.5	-6.8

(41)

STA. 110+00		
D	S	EI
19+00	10.3	-6.6
	10.2	-6.5
	10.0	-6.3
	8.9	-5.2
	6.9	-3.2
50	3.4	0.3
	1.5	2.2
	0.6	3.1
	1.0	2.7
	1.0	2.7
20+00	0.9	2.8
150 10	0.6	3.1
(3.7) 20	0.0	3.7

20+90 = ⊕ IN SIDE WALK

6-30-46

STA 111+00

STA 111+00

(42)

0+00 = STA. 88+67.58 - SOUND			West		
D	S	El.	D	S	El.
0+00	1.5	2.4		1.4	2.5
	1.5	2.4		1.3	2.6
	1.5	2.4	50	1.3	2.6
	1.5	2.4		1.3	2.6
	1.5	2.4		1.4	2.5
50	1.5	2.4		1.4	2.5
	1.5	2.4		1.4	2.5
	1.5	2.4	3+00	1.3	2.6
	1.5	2.4		1.3	2.6
	1.5	2.4	(3.9)	1.4	2.5
1+00	1.5	2.4	1.6	1.4	2.5
1.5	1.5	2.4		1.4	2.5
(3.9)	1.5	2.4	50	1.4	2.5
	1.5	2.4		1.4	2.5
	1.4	2.5		1.4	2.5
50	1.4	2.5		1.4	2.5
	1.4	2.5		1.4	2.5
	1.4	2.5	4+00	1.4	2.5
	1.3	2.6		1.3	2.6
	1.3	2.6		1.3	2.6
2+00	1.3	2.6		1.3	2.6
	1.3	2.6		1.3	2.6
	1.4	2.5	50	1.3	2.6

D	S	El.	D	S	El.
	1.2	2.7	7+00	2.9	1.0
	1.2	2.7		3.0	0.9
	1.2	2.7		3.0	0.9
	1.2	2.7		2.9	1.0
5+00	1.2	2.7		2.9	1.0
	1.2	2.7	50	2.7	1.2
	1.3	2.6		2.4	1.5
	1.3	2.6		2.2	1.7
(3.9)	1.2	2.7		2.0	1.9
50	1.2	2.7		2.0	1.9
	1.2	2.7	8+00	1.9	2.0
11	1.3	2.6	(3.9)	1.8	2.1
	1.4	2.5	1.9	1.8	2.1
	1.4	2.5		1.8	2.1
6+00	1.4	2.5		1.8	2.1
	1.4	2.5	50	1.9	2.0
	1.4	2.5		2.0	1.9
	1.5	2.4		2.0	1.9
	1.5	2.4		2.0	1.9
	1.8	2.1		2.0	1.9
50	2.0	1.9	9+00	1.8	2.1
	2.2	1.7		1.8	2.1
	2.4	1.5		1.8	2.1
	2.7	1.2		1.8	2.1

STA. 111400

D	S	EI.	D	S	EI.
	1.8	2.1		1.9	2.0
50	1.8	2.1		1.9	2.0
	1.8	2.1	12400	1.8	2.1
	1.8	2.1		1.8	2.1
	1.8	2.1		1.7	2.2
	1.8	2.1		1.7	2.2
10+00	1.9	2.0		1.7	2.2
	1.9	2.0	50	1.7	2.2
	1.9	2.0		1.7	2.2
(3.9)	1.8	2.1	123	1.7	2.2
	1.8	2.1	(3.9)	1.7	2.2
50	1.7	2.2	(3.9)	1.7	2.2
121	1.8	2.1	13400	1.7	2.2
	1.8	2.1		1.7	2.2
	2.0	1.9		1.6	2.3
	1.8	2.1		1.6	2.3
11+00	1.8	2.1		1.6	2.3
	1.9	2.0	50	1.7	2.2
	1.9	2.0		1.7	2.2
	1.8	2.1		1.7	2.2
	1.8	2.1		1.7	2.2
50	1.8	2.1		1.6	2.3
	1.8	2.1	14+00	1.5	2.4
	1.8	2.1		1.5	2.4

(43)

STA. 111400

D	S	EI.	D	S	EI.
	1.4	2.5		3.4	0.5
	1.5	2.4		3.2	0.7
	1.4	2.5		3.0	0.9
50	1.4	2.5		3.7	0.2
	1.3	2.6	17+00	3.0	0.9
	1.3	2.6		3.0	0.9
	1.3	2.6		2.8	1.1
	1.3	2.6		2.9	1.5
15+00	1.3	2.6		2.3	1.6
	1.3	2.6	50	2.2	1.7
	1.3	2.6	125	2.2	1.7
(3.9)	1.6	2.3	(3.9)	2.2	1.7
	2.4	1.5	(3.9)	2.5	1.4
50	2.8	1.1		3.0	0.9
129	4.0	-01	18+00	3.1	0.8
	3.9	0.5		6.5	-2.6
	3.0	0.9		7.8	-3.9
	3.5	0.4		9.0	-5.1
16+00	3.6	0.3		9.4	-5.5
	3.5	0.4	50	10.3	-6.4
	3.4	0.5		10.2	-6.3
	3.3	0.6		10.2	-6.3
	3.3	0.6		10.1	-6.2
50	3.3	0.6		10.4	-6.5

S+A. 111+00

D	S	EI.
19+00	10.3	-6.4
	9.8	-5.9
	10.1	-6.2
	9.3	-5.4
	4.7	-0.3
50	1.8	2.1
60	1.1	2.8
70	1.1	2.8
(3.9) 80	1.3	2.6
90	1.3	2.6
20+00	0.6	3.3
128 10	0.0	3.9

20+70 = ⊕ IN SIDEWALK

SHORELINE TRAVERSE
OF DANA POINT AREA

STA	OBJECT	AZIM.	DIST.
"A"	VENTURA	130°00'	
1		245°00'	46
2		237°40'	105
3		203°16'	112
4		237°30'	164
5		240°30'	210
6		233°55'	320
7		229°30'	428
8		226°05'	480
9		224°00'	530
10		218°05'	628
11		210°35'	725
12		82°15'	50
13		77°35'	124
14		71°55'	244
15		71°45'	324
16		71°10'	392
17		67°20'	470
18		69°00'	496
19		74°35'	482
20		74°05'	584
21		72°10'	620
"B"		70°06'	643

9-18-46 INST. BERGER # 2091

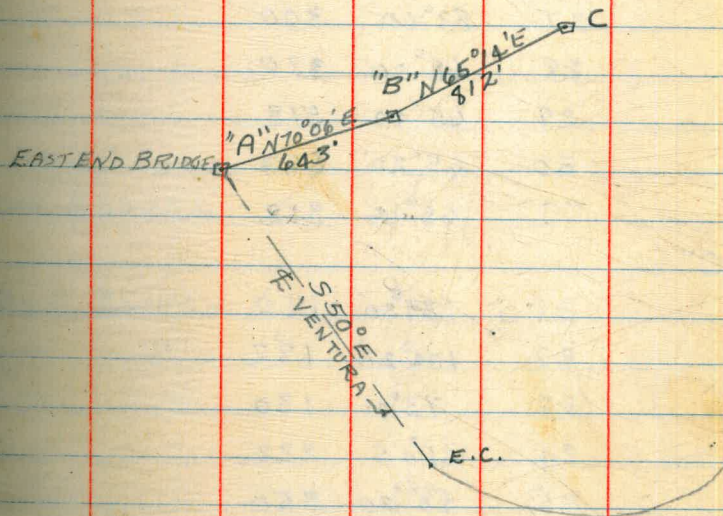
TOM STAMPER

GEO. WILLIAMS

OVERCAST - WARM

INDEXED

JUN 7 1953



E. BNK SLAUGH

E. " " "

STA. OBJECT AZIM DIST. 9-18-46

"B"

22	73°30'	103
23	69°00'	130
24	82°05'	183
25	97°50'	220
26	71°15'	242
27	83°00'	300
28	68°00'	370
29	65°40'	518
30	65°20'	683
"C"	65°14'	812

W. BNK SLOUGH
 " " "
 " " "
 E " "

"C"

31	139°30'	120
32	104°20'	182
33	73°40'	130
34	61°45'	222
35	58°40'	356
36	60°00'	396
37	61°00'	420
38	65°00'	544
39	77°15'	676
40	76°35'	700
41	61°45'	744
42	56°30'	780

W. BNK SLOUGH

W. BNK SLOUGH
 E " "
 E " "

W. BNK SLOUGH

" " "
 E " " TOE OF SLOPE ON W.S. RD.

S. END OF S. CAUSEWAY BRIDGE W. W. WALL
 ABUT.

Sta. 14100 10/16/46
ORIGINAL SOUNDINGS W. SHORE AREA *Interred*

Dist.	Sound	El.	Dist.	Sound	El.
3	1:10	0.0	260	10.5	-5.1
10	5:5	0.3	270	10.3	-4.9
20		0.9	280	10.2	-4.8
30		1.7	290	10.6	-5.1
40		2.2	300	9.7	-4.3
50		2.9	310	9.0	-3.6
60		3.6	320	9.1	-3.7
70		4.5	330	9.2	-3.8
80		6.5	340		
90		8.0			
100		8.0	350	9.3	-3.9
110	+	8.2	360	9.4	-4.0
120	+	8.5	370	9.7	-4.3
130	+	8.6	380	10.0	-4.6
140		8.7	390	10.3	-4.9
150		8.8	400	10.5	-5.1
160		8.9	410	10.7	-5.3
170		8.3	420	10.8	-5.4
180		9.2	430	10.9	-5.5
190		9.3	440	11.1	-5.7
200		10.5	450	11.1	-5.7
210		11.0	460	11.3	-5.9
220		11.0	470	11.5	-6.1
230		10.8	480	11.6	-6.2
240		10.6	490	11.5	-6.1
250		10.7	500	11.5	-6.1

(1:16)

Sta. 12100 10/16/46 (47)

Dist.	Sound	El.	Dist.	Sound	El.
	1:25 P.M.		230	9.8	-4.4
W. 4'	(56)	0.0	240	10.2	-4.8
0		0.3	250	9.6	-4.2
E. 10		0.9	260	9.5	-4.1
20		1.5	270	9.7	-4.3
30		2.3	280	9.8	-4.4
40	(45)	2.8	290	10.0	-4.6
50		3.7	300	10.0	-4.6
60		4.0	310	9.9	-4.5
70		4.1	320	9.8	-4.4
80	(1:30)	4.4	330	9.7	-4.3
90		4.9	340	9.9	-4.5
100		5.1	350	9.9	-4.5
110		5.7	360	10.0	-4.6
120		6.9	370	10.1	-4.7
130		9.0	380	9.8	-4.4
140		9.0	390	9.9	-4.5
150		9.0	400	10.1	-4.7
160		9.2	410	10.2	-4.8
170		10.2	420	10.7	-5.3
180		10.9	430	11.3	-5.9
190		10.9	440	11.4	-6.0
200		10.9	450	12.0	-6.6
210		11.1	460	11.7	-6.3
220		10.0	470	11.7	-6.3
			480	11.7	-6.3
			490	11.6	-6.2
			500	11.6	-6.2

(1:34)

Sta. 139+00

10/16/46

Dist.	Sound	El.	Dist	Sound	El.		
W. 1	(1.40 Pm)	-0.2	+5.6	240	6.2	-0.8	
0	(5.7)	-0.2	+5.6	250	6.4	-1.0	
8'		0.0	+5.4	260	7.0	-1.6	
20		1.0	+4.4	270	7.4	-2.0	
30		2.0	+3.4	280	8.3	-2.9	
40		2.9	+2.5	290	8.8	-3.4	
50	(1.45)	3.3	+2.1	300	8.8	-3.4	
60		3.7	+1.7	310	9.0	-3.6	
70		4.0	+1.4	320	8.3	-2.9	
80		4.3	+1.1	330	8.2	-2.8	
90		4.6	+0.8	340	(1.48)	8.1	-2.7
100	(5)	5.2	+0.2	350	8.2	-2.8	
110	(5)	5.9	-0.5	360	8.5	-3.1	
120	(5)	6.2	-0.8	370	8.9	-3.5	
130	(5)	6.8	-1.4	380	9.2	-3.8	
140		7.7	-2.3	390	10.0	-4.6	
150		8.1	-2.7	400	9.9	-4.5	
160		9.0	-3.6	410	10.1	-4.7	
170		9.8	-4.4	420	10.5	-5.1	
180		11.8	-6.4	430	10.2	-4.8	
190		11.4	-6.0	440	10.7	-5.3	
200		11.3	-5.9	450	(1.50)	10.8	-5.4
210		10.6	-5.2	460	10.6	-5.2	
220		8.2	-2.8	470	10.1	-4.7	
230		6.8	-1.4	480	9.5	-4.1	
				490	9.2	-3.8	
				500	9.5	-4.1	

Sta. 138+00

10/16/46

(48)

Dist	Sound	El.	Dist	Sound	El.		
W. 7'	(2.00)	(5.6)	+6.3	240	(2.05)	8.5	-3.1
0		-2.3	+6.2	250	5.0	+0.4	
E. 8		0.0	+5.4	260	5.1	+0.3	
20		0.6	+4.8	270	5.9	-0.5	
30		1.3	+4.1	280	6.5	-1.1	
40		1.8	+3.6	290	6.9	-1.5	
50		2.4	+3.0	300	7.0	-1.6	
60		3.1	+2.3	310	6.4	-1.0	
70		3.2	+2.2	320	6.2	-0.8	
80		3.8	+1.6	330	6.1	-0.7	
90	(4)	4.3	+1.1	340	6.0	-0.6	
100	(5)	5.2	+0.2	350	7.0	-1.6	
110	(5)	6.0	-0.6	360	8.9	-3.5	
120	(5)	7.2	-1.8	370	10.1	-4.7	
130		8.3	-2.9	380	10.8	-5.4	
140		9.2	-3.8	390	11.3	-5.9	
150		9.8	-4.4	400	11.2	-5.8	
160		10.1	-4.7	410	11.3	-5.9	
170		10.5	-5.1	420	11.3	-5.9	
180		11.4	-6.0	430	11.3	-5.9	
190		11.9	-6.5	440	11.3	-5.9	
200		12.1	-6.7	450	11.1	-5.7	
210		11.7	-6.3	460	10.9	-5.5	
220		11.4	-6.0	470	10.5	-5.1	
230		9.9	-4.5	480	9.9	-4.5	
				490	9.1	-3.7	
				500	8.1	-2.7	

Sta. 137400

10/16/46

Dist.	Sound	EI.	Dist.	Sound	EI.
W 5	(2:15)	-?	240	6.9	-1.5
0	(1.6)	+6.1	250	6.2	-0.8
E 5	0	+5.4	260	6.0	-0.6
10	0.3	+5.1	270	5.6	-0.2
20	0.9	+4.5	280	5.8	-0.4
30	1.8	+3.6	290	6.0	-0.6
40	2.1	+3.3	300	5.6	-0.2
50	2.7	+2.7	310	5.4	0
60	3.0	+2.4	320	5.5	-0.1
70	3.3	+2.1	330	5.8	-0.4
80	4.2	+1.2	340	5.7	-0.3
90	4.4	+1.0	350	5.2	+0.2
100	(A) 4.7	+0.7	360	5.3	+0.1
110	(B) 4.8	+0.6	370	5.4	0
120	(C) 4.9	+0.5	380	5.7	-0.3
130	4.7	+0.7	390	5.7	-0.3
140	4.9	+0.5	400	6.0	-0.6
150	5.0	+0.4	410	6.0	-0.6
160	5.4	0	420	5.8	-0.4
170	9.2	-4.8	430	5.6	-0.2
180	11.1	-5.7	440	5.6	-0.2
190	11.9	-6.5	450	5.5	-0.1
200	12.1	-6.7	460	5.5	-0.1
210	(2:20) 10.7	-5.3	470	5.1	+0.3
220	10.0	-4.6	480	5.1	+0.3
230	9.0	-3.6	490	5.1	+0.3
			500	5.2	+0.2

Sta. 136400

10/16/46

(49)

Dist.	Sound	EI.	Dist.	Sound	EI.
E. 3	(2:30)	+8.5	240	6.0	-0.7
3	(5.6)	+7.5	250	(2:40) 5.0	+0.3
9		+7.5	260	5.7	-0.4
9		+6.0	270	5.8	-0.5
16	0.	+5.3	280	5.7	-0.4
20	0.2	+5.1	290	5.1	+0.2
30	0.9	+4.4	300	4.1	+1.2
40	1.6	+3.7	310	4.3	+1.0
50	2.0	+3.3	320	5.2	+0.1
60	2.7	+2.6	330	5.4	-0.1
70	3.1	+2.2	340	6.0	-0.7
80	3.7	+1.6	350	(M) 6.9	-1.6
90	(L) 4.3	+1.0	360	(V) 7.1	-1.8
100	(L) 4.7	+0.6	370	(V) 7.0	-1.7
110	(L) 4.7	+0.6	380	8.5	-3.2
120	4.8	+0.5	390	11.2	-5.9
130	5.8	-0.5	400	12.4	-7.1
140	7.1	-1.8	410	11.7	-6.4
150	8.1	-2.8	420	10.1	-4.8
160	8.9	-3.6	430	7.8	-2.5
170	10.8	-5.5	440	5.3	0
180	11.3	-6.0	450	4.6	+0.7
190	11.0	-5.9	460	5.2	+0.1
200	10.6	-5.3	470	4.8	+0.5
210	9.3	-4.0	480	4.9	+0.4
220	9.4	-4.1	490	5.0	+0.3
230	8.9	-3.6	500	5.0	+0.3
			(2:45)		

Sta. 135+00			10/16/46		
Dist.	Sound	El.	Dist	Sound	El.
E 3	2:10 PM	+8.5	240	7.0	-1.8
3	(5.4)	+6.6	250	6.9	-1.7
10			260	7.0	-1.8
20	0.	+5.2	270	6.8	-1.6
30	1.0	+4.2	280	8.5	-3.3
40	1.9	+3.3	290	8.5	-3.3
50	2.5	+2.7	300	7.9	-2.7
60	2.9	+2.3	310	9.3	-4.1
70	3.1	+2.1	320	9.0	-3.8
80	3.3	+1.9	330	6.9	-1.7
90	3.8	+1.4	340	5.6	-0.5
100	4.1	+1.1	350	4.7	+0.4
110	4.2	+1.0	360	4.8	+0.3
120	4.4	+0.8	370	4.9	+0.2
130	5.1	+0.1	380	5.0	+0.1
140	5.3	-0.1	390	4.9	+0.2
150	6.3	-1.1	400	4.9	+0.2
160	7.7	-2.5	410	5.0	+0.1
170	10.2	-5.0	420	5.1	0
180	11.3	-6.1	430	5.2	-0.1
190	10.7	-5.5	440	5.2	-0.1
200	10.7	-5.5	450	5.2	-0.1
210	9.0	-3.8	460	5.2	-0.1
220	8.0	-2.8	470	5.2	-0.1
230	8.3	-3.1	480	5.1	0
			490	5.2	-0.1
			500	5.2	-0.1

Sta. 134+00			10/16/45		
Dist	Sound	El.	Dist	Sound	El.
E.0	3:15 PM	+8.5	240	8.5	-3.5
E.3	(5.2)	+8.5	250	8.0	-3.0
3		+6.0	260	7.9	-2.9
10	0	+6.0	270	7.1	-2.1
18	0.1	+5.0	280	4.9	+0.1
20	0.8	+4.3	290	4.8	+0.2
30	1.3	+3.8	300	4.9	+0.1
40	1.7	+3.4	310	4.4	+0.6
50	2.1	+3.0	320	3.8	+1.2
60	2.5	+2.6	330	3.5	+1.5
70	2.8	+2.3	340	3.5	+1.5
80	3.2	+1.9	350	3.5	+1.5
90	3.3	+1.8	360	3.5	+1.5
100	3.3	+1.8	370	3.8	+1.2
110	4.1	+1.0	380	4.0	+1.0
120	4.4	+0.7	390	4.0	+1.0
130	4.4	+0.7	400	4.2	+0.8
140	10.4	-5.3	410	4.3	+0.7
150	10.3	-5.2	420	4.5	+0.5
160	9.8	-4.7	430	4.7	+0.3
170	10.0	-4.9	440	4.7	+0.3
180	9.9	-4.8	450	4.6	+0.4
190	9.2	-4.1	460	4.7	+0.3
200	8.5	-3.4	470	4.7	+0.3
210	7.8	-2.7	480	4.8	+0.2
220	8.2	-3.1	490	4.9	+0.1
230			500	5.0	0.0

Sta. 133+00

10/16/46

Dist.	Sound	El.	Dist.	Sound	El.
0	(3:30 PM)	+8.5	240	7.3	-2.5
19	(5.3)	+7.7	250	7.9	-3.1
19		+6.6	260	7.8	-3.0
20			270	8.4	-3.6
30	0	+4.9	280	8.3	-3.5
40	0.4	+4.5	290	8.3	-3.5
50	(5:00) 0.4	+4.5	300	6.0	-1.2
60	0.9	+4.0	310	4.5	+0.3
70	1.3	+3.6	320	3.9	+0.9
80	1.7	+3.2	330	2.8	+2.0
90	(3:40) 2.0	+2.9	340	2.5	+2.3
100	2.1	+2.8	350	2.6	+2.2
110	2.3	+2.6	360	2.7	+2.1
120	2.8	+2.1	370	2.9	+1.9
130	3.1	+1.8	380	3.0	+1.8
140	4.6	+0.3	390	3.2	+1.6
150	7.8	-2.9	400	3.1	+1.7
160	(5:00) 9.8	-4.9	410	3.3	+1.5
170	(5:15) 10.3	-5.4	420	(2:45) 3.2	+1.6
180	9.1	-4.3	430	3.5	+1.2
190	8.5	-3.7	440	3.7	+1.0
200	8.4	-3.6	450	3.9	+0.8
210	7.9	-3.1	460	4.0	+0.7
220	8.0	-3.2	470	(5:15) 4.1	+0.6
230	7.6	-2.8	480	(5:15) 4.1	+0.6
			490	4.1	+0.6
			500	4.0	+0.7

Sta. 132+00

10/16/46

(51)

Dist.	Sound	El.	Dist.	Sound	El.
0	(3:50 PM)	+8.5	240	8.8	-4.2
20		+8.5	250	9.0	-4.4
			260	9.7	-5.1
20			270	9.6	-5.0
30			280	8.6	-4.0
40			290	9.0	-4.4
50		+5.0	300	7.8	-3.2
60	0.0	+4.6	310	6.5	-1.9
70	0.3	+4.3	320	4.9	-0.3
80	0.6	+4.0	330	3.8	+0.8
90	1.0	+3.6	340	2.5	+2.1
100	(4:00) 1.7	+2.9	350	2.2	+2.4
110	2.0	+2.6	360	2.2	+2.4
120	2.5	+2.1	370	2.2	+2.4
130	3.7	+0.9	380	(5:15) 2.2	+2.4
140	5.0	-0.4	390	(5:15) 2.3	+2.3
150	(5:15) 7.0	-2.4	400	2.3	+2.3
160	(5:15) 8.7	-4.1	410	2.4	+2.2
170	(5:15) 9.0	-4.4	420	2.6	+2.0
180	8.1	-3.5	430	2.8	+1.8
190	7.6	-3.0	440	2.8	+1.8
200	8.1	-3.5	450	2.8	+1.8
210	7.3	-2.7	460	2.8	+1.8
220	8.4	-3.6	470	3.0	+1.6
230	8.8	-4.2	480	3.2	+1.4
			490	3.3	+1.3
			500	3.6	+1.0
			(4:00) 500	3.8	+1.2

131400			10/16/46		
Dist.	Sound	El.	Dist.	Sound	El.
0	4:10 PM	+8.5	240	8.9	-4.6
15		+8.5	250	9.0	-4.7
			260	8.8	-4.5
			270	8.7	-4.3
			280	9.6	-5.3
30		+6.6	290	10.1	-5.8
40			300	10.2	-5.9
50			310	8.6	-4.6
60	4:15	0.	320	7.2	-2.9
70		+4.1	330	4.5	-0.2
80		+4.0	340	2.9	+1.4
90		+3.8	350	2.3	+2.0
100		+3.6	360	1.9	+2.4
110		+3.5	370	2.0	+2.3
120		+3.4	380	2.1	+2.2
130		+3.2	390	2.0	+2.3
140		+2.9	400	2.1	+2.2
150		+2.5	410	2.0	+2.3
160		+1.4	420	2.1	+2.2
170		+0.1	430	2.2	+2.1
180		-1.5	440	2.2	+2.1
190		-3.1	450	2.2	+2.1
200		-3.8	460	2.5	+1.8
210		-3.4	470	2.6	+1.7
220		-2.3	480	3.1	+1.2
230		-1.9	490	3.4	+0.9
			500	3.4	+0.9

4:25

PX		11-2-46				(52)
		STA.	65400			
0+00 =	Range	100	100	5000	EAST	
D.	S	D	S			
0+00	12.4	- 8.4	30	12.2	- 8.2	
10	12.8	8.8	40	11.7	7.7	
20	12.7	8.7	50	11.9	7.9	
30	14.0	10.0	60	11.8	7.8	
40	14.2	10.2	70	11.7	7.7	
50	13.1	9.1	80	11.7	7.7	
60	12.8	8.8	90	11.7	7.7	
70	12.2	8.2	3+00	11.8	7.8	
80	12.3	8.3	10	11.8	7.8	
90	12.9	8.9	85 ⁷ -20	11.8		
1+00	13.0	9.0	30	11.8		
85 ⁴ 10	13.3	9.3	40	11.6	7.6	
4.0 20	13.3	9.3	50	11.0	7.0	
30	13.0	9.0	60	11.0	7.0	
40	12.7	8.7	70	10.6	6.6	
50	12.5	8.5	80	10.0	6.0	
60	12.6	8.6	90	9.3	5.3	
70	12.6	8.6	4+00	9.3	5.3	
80	12.6	8.6	10	9.6	5.6	
90	12.6	8.5	20	9.7	5.7	
2+00	12.5	8.5	30	9.3	5.3	
10	12.4	8.4	40	8.8	4.8	
20	12.4	8.4	50	7.7	3.7	

PX

STA. 65+00

D	S	D	S
	5.6	-1.6	7+00
	4.6	-0.6	
	2.6	+1.4	
	2.2	+1.8	
5+00	2.0	+2.0	
	1.7	+2.3	50
	1.8	+2.2	
	1.9	+2.1	
	2.0	+2.0	
(A) 50	2.1	+1.9	
	2.1	1.9	8+00
90°	2.4	1.6	
	2.0	2.0	
	1.4	2.6	
6+00	1.1	2.9	
	0.8	3.2	50
	0.6	3.4	
	0.2	3.8	
50	LATH		
			9+00

PX

11-2-46

(53)

STA. 65+00

0+00 = Range 100+00 - 500 NO WEST				
D	S	D	S	
0+00			30	
10	12.6	-8.6	40	
20	13.4	9.4	50	
30	13.0	9.0	60	
40	12.5	8.5	70	
50	13.3	9.3	80	
60	13.4	9.4	90	
70	13.0	9.0	3+00	
80	13.2	9.2	10	
90	12.9	8.9	20	
1+00	12.2	8.2	30	
	10	12.3	8.3	40
(A) 20	13.0	9.0	50	
30	13.2	9.2	60	
40	13.1	9.1	70	
50	13.0	9.0	80	
60	12.6	8.6	90	
70	13.3	9.3	4+00	
80	13.0	9.0	10	
90	12.4	8.4	20	
2+00	12.7	8.7	30	
	10		40	
	20		50	

11-2-96

P.X.

STA 66+00

0+00 = Range 100+00 - sound EAST

	D	S		D	S
0+00	13.3	9.3		14.9	10.9
	13.6	9.6		15.4	11.4
	14.1	10.1	50	15.3	11.3
	13.4	9.4		15.0	11.0
	14.0	10.0		15.0	11.0
50	13.4	9.4		15.3	11.3
(4.0)	14.1	10.1		15.3	11.3
	14.3	10.3	3+00	15.6	11.6
917	14.0	10.0	919	15.3	11.3
	14.0	10.0		15.3	11.3
1+00	14.5	10.5	(4.0)	15.5	11.5
	13.8	9.8		15.8	11.8
	14.2	10.2	50	15.8	11.8
	14.7	10.7		15.9	11.9
	14.0	10.0		15.7	11.7
50	14.3	10.3		15.8	11.8
	14.3	10.3		16.0	12.0
	14.2	10.2	4+00	15.9	11.9
	14.7	10.7		15.6	11.6
	14.3	10.3		15.2	11.2
2+00	14.8	10.8		15.0	11.0
	15.1	11.1		14.9	10.9
	14.5	10.5	50	14.7	10.7

P.X.

(54)

STA 66+00

	D	S		D	S
	14.3	10.3	7+00	11.0	7.0
	14.0	10.0		10.6	6.6
	14.0	10.0		9.5	5.5
	13.7	9.7		5.7	1.7
5+00	13.6	9.6		4.6	0.6
	13.2	9.2	50	2.8	+1.1
	13.1	9.1		3.1	+0.8
	13.0	9.0		2.6	+1.3
	12.9	8.9		2.2	+1.7
50	12.6	8.6		1.9	+2.0
922	11.3	7.4	8+00	1.6	+2.3
(3.9)	10.2	6.3	925	1.3	+2.6
	9.7	5.7	(3.9)		
	9.9	5.9			
6+00	9.9	5.9			
	9.9	5.9	50		
	10.0	6.0			
	10.3	6.3			
	10.4	6.4			
50	10.1	6.1			
	10.1	6.1			
	10.0	6.0			
	10.2	6.2			
	10.4	6.4			

11-2-46

P.X.

STA. 71+00

0+00 =	Range	100+00	SOUND	EAST
D.	S	D	S	
0+00	11.2	- 7.4	13.0	- 9.2
	11.3	7.5	12.4	8.6
	11.4	7.6	50 12.2	8.4
	10.8	7.0	11.8	8.0
	10.7	6.9	12.0	8.2
50	12.0	8.2	11.5	7.7
	12.3	8.5	12.0	8.2
	12.7	8.9	3+00 11.5	7.7
1144	12.2	8.4	1146 11.4	7.6
(3.8)	12.2	8.4	(3.8) 11.9	8.1
1+00	12.8	9.0	11.9	8.1
	13.0	9.2	11.3	7.5
	13.0	9.2	50 11.3	7.5
	12.1	8.3	10.9	7.1
	12.4	8.6	10.5	6.7
50	13.2	9.4	10.4	6.6
	13.0	9.2	10.6	6.8
	12.5	8.6	4+00 10.6	6.8
	13.3	9.5	10.6	6.8
	13.4	9.6	10.5	6.7
2+00	13.3	9.5	10.3	6.5
	12.5	8.6	10.0	6.2
	12.0	8.2	50 9.9	6.1

P.X.

STA. 71+00

D	S	D	S
9.7	- 5.9	7+00 5.0	- 1.2
9.3	5.5	5.0	{
9.3	5.5	5.0	{
8.8	5.0	5.0	{
5+00 8.6	4.8	4.8	1.0
8.4	4.6	50 4.7	0.9
8.2	4.4	4.7	0.9
7.7	3.9	4.3	- 0.5
7.4	3.6	4.3	{
50 7.2	3.4	4.3	{
1148 7.0	3.2	8+00 4.3	{
(3.8) 7.0	3.2	11+00 4.2	0.4
6.6	2.8	(3.8) 4.2	0.4
6.4	2.6	4.1	0.3
6+00 6.2	2.4	3.8	0.0
6.0	2.2	50 3.9	0.1
5.8	2.0	3.9	0.1
5.6	1.8	4.0	0.2
5.6	1.8	4.8	0.2
50 5.3	1.5	5.3	1.5
5.4	1.6	9+00 5.7	1.9
5.3	1.5	6.4	2.6
5.1	1.3	7.2	3.4
5.0	1.2	7.5	3.7

PX.

STA. 71+00

	D	S		D	S	
		8.1	-4.3		11.7	-7.9
50		8.6	4.8		11.4	7.6
		8.8	5.0	12+00	11.7	7.9
		9.2	5.4		12.4	8.6
		9.3	5.5		12.6	8.8
		10.0	6.2		12.3	8.5
10+00		10.4	6.6		12.8	9.0
		10.2	6.4	50	13.9	10.1
(3.8)		10.3	6.5		14.8	11.0
		10.8	7.0	11.54	14.8	11.0
11.52		11.0	7.2	(3.8)	14.3	10.5
50		11.0	7.2		12.9	9.1
		11.2	7.4	13+00	13.4	9.6
		10.9	7.1		13.8	10.0
		10.6	6.8		14.1	10.3
		10.8	7.0		16.2	12.4
11+00		11.3	7.5		16.7	12.9
		11.3	7.5	50	16.8	13.0
		11.3	7.5		17.0	13.2
		11.4	7.6		16.4	12.6
		11.3	7.5		15.0	11.2
50		11.4	7.6		16.3	12.5
		11.4	7.6	14+00	17.7	13.9
		11.6	7.8		17.0	13.2

PX.

(56)

STA 71+00

	D	S		D	S	
		18.5	-14.7		14.4	-10.6
		18.0	14.2		13.0	9.2
		16.8	13.0		12.1	8.3
50		17.5	13.7		10.7	6.9
		17.2	13.4	17+00	9.6	5.8
		16.6	12.8		8.3	4.5
		16.0	12.2		6.9	3.1
		15.9	11.6		8.2	4.4
15+00		15.4	11.6		9.7	5.9
		15.2	11.4	50	10.1	6.3
		14.1	10.3		11.0	7.2
11.56		12.7	8.9	11.58	10.7	6.9
(3.8)		14.4	10.6	(3.8)	10.7	6.9
50		15.0	11.2		11.0	7.2
		13.0	9.2	18+00	10.3	6.5
		12.1	8.3		9.4	5.6
		13.8	10.0		8.0	4.2
		15.5	11.7		6.3	2.5
16+00		14.2	10.4		3.3	+0.5
		12.3	8.5	50	3.0	+0.8
		12.8	9.0		2.5	+1.3
		14.4	10.6		2.2	+1.6
		16.5	12.7		2.0	+1.8
50		16.0	12.2		1.7	+2.1

PX.

STA. 71+00

D	S		
19+00	1.3	+2.5	+1.3
	1.0	2.8	
	1.3	2.5	
	1.3	}	
	1.3	}	
50	1.4	2.4	
	1.9	2.4	
(3.8)	1.3	2.5	
10 ⁰⁰	1.0	2.8	
	0.8	3.0	
20+00	0.5	3.3	
10	0.4	3.4	
20	0.1	3.7	
22	CROSSWAY		

PX.

11-2-46

(57)

STA. 71+00

0+00 =		Range 100+00 - SOUND		West	
D	S	D	S	D	S
0+00				12.9	-9.1
	11.0	-7.2		12.8	9.0
	10.8	7.0	50	12.9	9.1
	8.8	5.0		13.0	9.2
	8.2	4.4		13.1	9.3
50	9.7	5.9		13.0	9.2
	9.3	5.5		13.0	9.2
(3.8)	7.3	3.5	3+00	13.2	9.4
12 ⁰⁰	7.4	3.6		14.0	10.2
	7.3	3.5	12 ¹³	13.3	9.5
1+00	7.7	3.9		14.0	10.2
	9.0	5.2	(3.8)		
	10.0	6.2	50		
	10.8	7.0			
	11.1	7.3			
50	10.9	7.1			
	11.1	7.3			
	11.5	7.7	4+00		
	12.3	8.5			
	12.8	9.0			
2+00	12.9	9.1			
	12.2	8.4			
	12.5	8.7	50		

PX

11-2-46

STA. 69+00

0+00 = Range 100+00 - SOUND EAST

D	S		D	S	
0+00	8.8	-4.9		4.0	-0.1
	8.5	4.6		4.0	0.1
	8.4	4.5	50	4.0	0.1
	9.0	5.1		3.9	0.0
	9.1	5.2		4.0	0.1
50	9.0	5.1		3.9	0.0
	7.3	3.4		3.8	+0.1
(3.9)	6.2	2.3	3+00	3.7	+0.2
	5.3	1.4		3.7	+0.2
12 ²³	5.4	1.5	12 ²⁵	3.7	+0.2
1+00	5.3	1.4	(3.9)	3.7	+0.2
	5.2	1.3		3.6	+0.3
	5.1	1.2	50	3.6	+0.3
	4.9	1.0		3.6	+0.3
	4.6	0.7		3.7	+0.2
50	4.3	0.4		3.7	+0.2
	3.5	+0.4		3.7	+0.2
	3.5	+0.4	4+00	3.8	+0.1
	3.9	0.0		3.9	0.0
	4.0	-0.1		4.0	-0.1
2+00	4.0	0.1		4.1	-0.2
	4.0	0.1		4.3	0.4
	3.9	0.0	50	4.8	0.9

PX

(58)

STA. 69+00

D	S		D	S	
	5.1	-1.2	7+00	10.8	-6.9
	5.2	1.3		10.6	6.7
	5.7	1.8		10.9	7.0
	6.0	2.1		11.1	7.2
5+00	6.3	2.4		11.3	7.4
	6.3	2.4	50	11.4	7.5
	6.9	3.0		11.7	7.8
	6.9	3.0		11.8	7.9
	7.2	3.3		12.2	8.3
50	7.7	3.8		12.6	8.7
12 ²⁷	7.8	3.9	8+00	12.5	8.6
(3.9)	7.9	4.0	12 ²⁹	12.8	8.9
	8.3	4.4		12.8	8.9
	8.1	4.2	(3.9)	13.0	9.1
6+00	8.4	4.5		13.3	9.4
	8.4	4.5	50	13.8	9.9
	8.4	4.5		15.0	11.1
	8.9	5.0		14.1	10.2
	9.1	5.2		14.4	10.5
50	9.0	5.1		14.8	10.9
	9.2	5.3	9+00	15.0	11.1
	9.9	6.0		14.9	11.0
	10.1	6.2		15.0	11.1
	10.7	6.8		16.0	12.1

P.X.

STA. 69+00

	D	S		D	S
		17.2	-13.3		18.5
		16.9	13.0		15.3
50		18.0	14.1	12+00	16.0
		18.3	14.4		15.4
		18.3	14.4		15.3
		18.4	14.5		14.8
10+00		18.4	14.5		13.9
		19.1	15.2	50	13.0
(3.9)		19.7	15.8		14.3
		19.4	15.5	12 ³³	13.9
12 ³¹		17.2	13.3	(3.9)	13.5
50		20.5	16.6		14.2
		20.3	16.4	13+00	13.6
		18.8	14.9		13.3
		20.0	16.1		12.5
		20.9	17.0		11.2
11+00		20.3	16.4		10.4
		19.8	15.9	50	9.7
		18.7	14.8		7.8
		18.7	14.8		4.7
		18.0	14.1		5.0
50		17.3	13.4	14+00	3.3
		17.3	13.4		3.2
		18.8	14.9		3.0

50 - 1.8

P.X.

STA. 69+00

	D	S		D	S
		2.6	+1.3		
		2.2	1.7		
		2.0	1.9		
50		1.8	2.1		
		1.2	2.7		
(3.9)		1.0	2.9		
		0.7	3.2		
		0.3	3.6		
15+00		0.3	3.6		
10		0.2	3.7		
20		0.0	3.9		

WATH @ 15+50

(59)

P.X.

11-2-96

Sta 69+00

0+00 = Range 100+00 - SOUND West.

D S D S

0+00

10.3

10.4

10.6

10.8

50 11.5

12.2

12.2

12.2

12.7

1+00 13.0

1247 13.2

39 13.2

13.5

13.7

50 13.6

13.8

13.9

14.0

14.9

2+00 14.0

50

P.X.

Indexed

(60)

Sta 67+00

0+00 = Range 121+02.72

+ H' - Elev

8+00
West

2.09 1336

11.27

W 09

2.4 11.0

W 22

7.6 5.8

W 102

8.7 4.7

W 220

8.8 4.6

W 342

8.5 4.9

450

8.7 4.7

563

9.3 4.1

576

10.4 +30

592

17.0 -3.6

630

17.0 -3.6

650

10.0 +3.4

748

9.1 +4.3

906

8.3 +5.1

1012

8.7 4.7

1041

9.0 4.4

P.X.

Sta 68+00

0+00 = Causeway Baseline R 120+88.06

	+	H.I	-	Elev	Top xx Hub
West	2.33	13.63		11.30	
W 582			7.8	5.8	
W 488			9.4	4.2	
W 392			9.6	4.0	
W 305			9.0	4.6	
W 224			9.6	4.0	
W 133			9.1	4.5	
W 25			8.7	4.9	
W 08			2.1	11.5	
0+00			2.3	11.3	

P.X.

Sta 69+00

0+00 = Causeway Baseline R 120+73.41

	+	H.I	-	Elev	Top xx Hub
West	2.50	13.72		11.22	
0+00				11.2	
W 08			2.3	11.4	
W 22			7.6	6.1	
W 164			8.9	4.8	
W 215			9.1	4.6	
W 315			9.1	4.6	
W 417			9.0	4.7	
W 523			8.8	4.9	
554			9.7	4.0	

(61)

P.X.

11-3-46

Sta 66+00

0+00 = Causeway Baseline R 121+17.38

	+	H.I	-	Elev	Top xx Hub
West	3.86	14.88		11.02	
0+00					
12			41	10.8	
25			96	5.3	
1+00			10.2	47	
50			10.3	46	
2+00			10.5	44	
50			10.1	48	
95			10.7	42	
3+05			11.2	+3.7	
26			15.0	-0.1	
48			10.4	+4.5	
4+00			10.1	48	
50			10.3	46	
5+00			10.2	47	
52			11.0	39	
72			13.0	19	
6+00			11.7	32	
22			10.8	41	
50			10.4	45	
7+00			10.5	4.3	
50			10.4	4.4	
8+00			10.4	4.4	

P.X.

(62)

Sta 66+00

	+	H.I	-	Elev	
8+50		14.88	10.0	49	
9+00			10.2	47	
50			10.0	49	
10+00			10.3	46	
50			10.4	45	
11+00			10.5	44	
50			10.6	43	
12+00			10.5	44	
18			10.3	46	R109
47			11.5	34	

P.X.

11/3/46

Sta 65+00

	R 106+50	H1	Elev
0+00 =		1488	
West 46		116	33
0+00		103	46
East 50		104	45
100		105	44
34		113	36
73		13.8	1.1
200		134	15
50		120	29
300		107	42
50		104	45
400		104	45
50		105	44
5+00		103	46
50		102	47
6+00		102	47
50		10.3	46
700		103	46
50		107	42
800		104	45
50		103	46
900		117	36
26		138	11

P.X.

(63)

65+00

	H1	Elev
+	149	11.3 36
51		103 46
60		104 45
1000		10.4 45
50		10.3 46
1100		10.3 46
31		133 16
32		157 -08
53		112 37
89		11.3 36
1200		103 46
50		102 47
1300		102 47
50		102 47
1400		97 51
56		40 109
70		4.01 10.8 R121+32 ⁰³
82		

P.X.

11/3/46

Sta 63+00

0+00 = R 121461.34

	+	HI	-	ELEV
	3.79	1450		10.71
West 0+00				167
14			38	107
28			95	50
50			98	47
99			102	43
100			11.1	34
07			141	04
22			129	26
53			110	35
200			100	45
50			102	43
300			103	42
350			104	41
400			103	42
50			102	43
500			105	40
38	00		112	33
59			126	29
93			112	33
600			111	34
50			108	37
700			107	38

P.X.

63+00

	+	HI	-	Elev
7+50		14.5	10.5	40
800			104	41
50			107	38
900			103	42
32			111	34
48			120	25
68			114	31
1000			115	30
50			98	47
1100			110	30
50			103	42
1200			105	40
53			97	48
68	112		134	11
90			114	31
1300			110	35
50			104	41
1400			102	43
50			101	44
1500			100	45
50			97	48
1600			96	49
55			98	47
61			118	27

(64)

PX.

Sta 63+00

	+	H.I	-	Elev	
63		145	125	20	
71			114	31	
1700			106	39	
50			104	41	
1800			123	22	
50			117	28	
1900			105	40	
50			105	40	
2000			104	41	
50			101	44	
2100			101	44	
61			103	42	R 100

PX.

00 11.1

(65)

Sta 62+00

0+00 = Rance 100+00					
	+	H.I	-	Elev	
		145			
West 50			100	45	
71			118	27	
100			119	26	
28			123	22	
52			93	52	
200			88	57	
03			108	37	
West 21			117	28	Water's Edge
0+00			111	34	R 100+00
EAST					
50			106	39	
100			104	41	
50			103	42	
200			102	43	
50			103	42	
300			103	42	
50			100	45	
400			103	42	
50			97	48	
500			97	48	
50			97	48	
600			97	48	
50			97	48	

P.X.

11/3/46

	62+00		Elev
	+ H1	-	
East	145		
700		97	4.8
50		95	5.0
800		97	4.8
50		100	4.5
900		97	4.8
10		102	4.3
12		128	1.7
25		130	1.5
43		126	1.9
52		106	3.9
1000		99	4.6
50		108	3.7
1100		99	4.6
50		99	4.6
1200		99	4.6
50		99	4.6
1300		98	4.7
50		99	4.6
1400		106	3.9
50		103	4.2
1500		103	4.2
50		102	4.3
1600		98	4.7

P.X.

(66)

	62+00		Elev
	+ H1	-	
	1450		
16+50		106	3.9
70		114	3.1
74		121	2.4
93		123	2.2
1700		115	3.0
50		112	3.3
1800		110	3.5
50		105	4.0
1900		104	4.1
50		103	4.2
2000		100	4.5
50		108	3.7
81		114	3.1
2100		128	1.7
08		153	-0.8
22		115	3.0
23		10.0	4.5
59		95	5.0
70		37	10.8
76		39	10.6

P.X.

Sta 61+00

0+00 = 121490.66

+	H1	-	Elev
4.14	1482		10.68

0+00

11	41	107
23	96	52
40	117	31
60	139	0.9
82	119	29
100	108	40
50	107	41
200	104	44
50	103	45
300	103	45
50	10.6	42
400	10.6	42
50	100	38
63	115	33
67	126	22
72	116	32
500	108	40
50	104	44
600	105	43
50	106	42
7+00	106	42

P.X.

(67)

61+00

+	H1	-	Elev
	1482		

7+50	105	43
800	105	43
50	10.6	4.2
900	10.5	43
50	10.4	44
1000	10.4	44
50	10.3	45
1100	10.4	44
50	10.7	41
1200	10.3	45
27	10.8	40
30	11.7	27
47	15.4	-0.6
61	14.1	07
68	11.7	27
67	10.2	46
1300	10.4	44
50	10.1	47
1400	10.1	47
50	9.9	49
1500	10.0	48
50	10.0	48
1600	10.0	48

P.X.

	61+00		Elev
	H.I	-	
	14.8		
16+50		101	47
1700		101	47
50		104	44
1800		101	47
50		101	47
1900		99	49
		101	47
2000		105	43
		115	33
2100		106	42
50		105	43
91		105	43
50		97	47
2300		94	54
50		96	52
2400		91	57
92		89	59
2500		103	45
09		113	35

P.X.

(68)

	Sta 60+00		
	0+00 = Range 100+00	H.I	E
		14.8	
West			
3772		11.8	30
364		81	6.7
322		76	7.2
272		84	6.4
222		93	5.3
172		91	5.7
122		92	5.6
72		101	4.7
0+00		101	4.7
East 50		104	44
100		104	44
50		97	51
200		100	48
50		100	48
300		100	48
50		102	46
400		106	42
50		101	47
500		101	47
50		100	48
600		100	48
50		100	48

R/100+00

PX.

Sta 66+00

	+	H1	-	Elev
700		14.8	9.9	49
50			10.0	48
800			9.9	49
50			10.1	47
900			9.7	51
08			9.9	49
10			11.1	37
14			12.4	24
19			11.1	37
20			9.9	49
50			9.9	49
1000			9.8	50
50			10.4	44
1100			10.2	46
36			10.1	47
38			11.2 ⁰⁰	36
58			13.3	1.5
82			11.1	3.7
85			10.6	4.8
1200			10.1	4.7
50			10.3	4.5
1300			10.1	4.7
50			10.1	4.7
1400			10.0	4.8

PX.

Sta 60+00

(69)

	+	H1	-	Elev
		14.8		
50			10.0	48
1500			10.0	48
50			10.3	45
1600			10.2	46
50			10.6	42
1700			11.2	36
50			11.1	37
58			12.4	24
80			11.1	37
90			9.9	47
1800			9.8	50
50			10.2	46
75			10.9	39
89			12.1	27
1900			12.2	26
18			11.1	37
20			10.4	44
50			10.3	45
2000			10.4	44
50			10.4	44
89			11.0	38
90			12.7	21
2100			14.6	02

PX

11/3/46

Sta 60400

	H.I.	Elev
	148	

2126	118	30
40	110	38
83	91	57
93	43	105
22465	41	107

Indexed

12-17-46

(70)

LOCATION OF SEXTANT PT.
SIGN S. OF MORENA STA.

STA	OBJ.	SIX ANGLES	
			TOM STAMPER
			VISIBILITY - POOR
MORENA	R 7	① 8°31'30"	
ANNA	R 7	② 17°03'00"	
	SIGN	③ 51°07'	AV. 8°31'10"
	SIGN	④ 15°31'00"	
MORENA	R 7	⑤ 31°02'00"	
ANNA		⑥ 93°05'30"	AV. 15°30'55"

MISSION BAY AREA
PROJECT NO. 7. LAYOUT PLAN
FOR TOP OF SHOULDER STAKES

Indirect

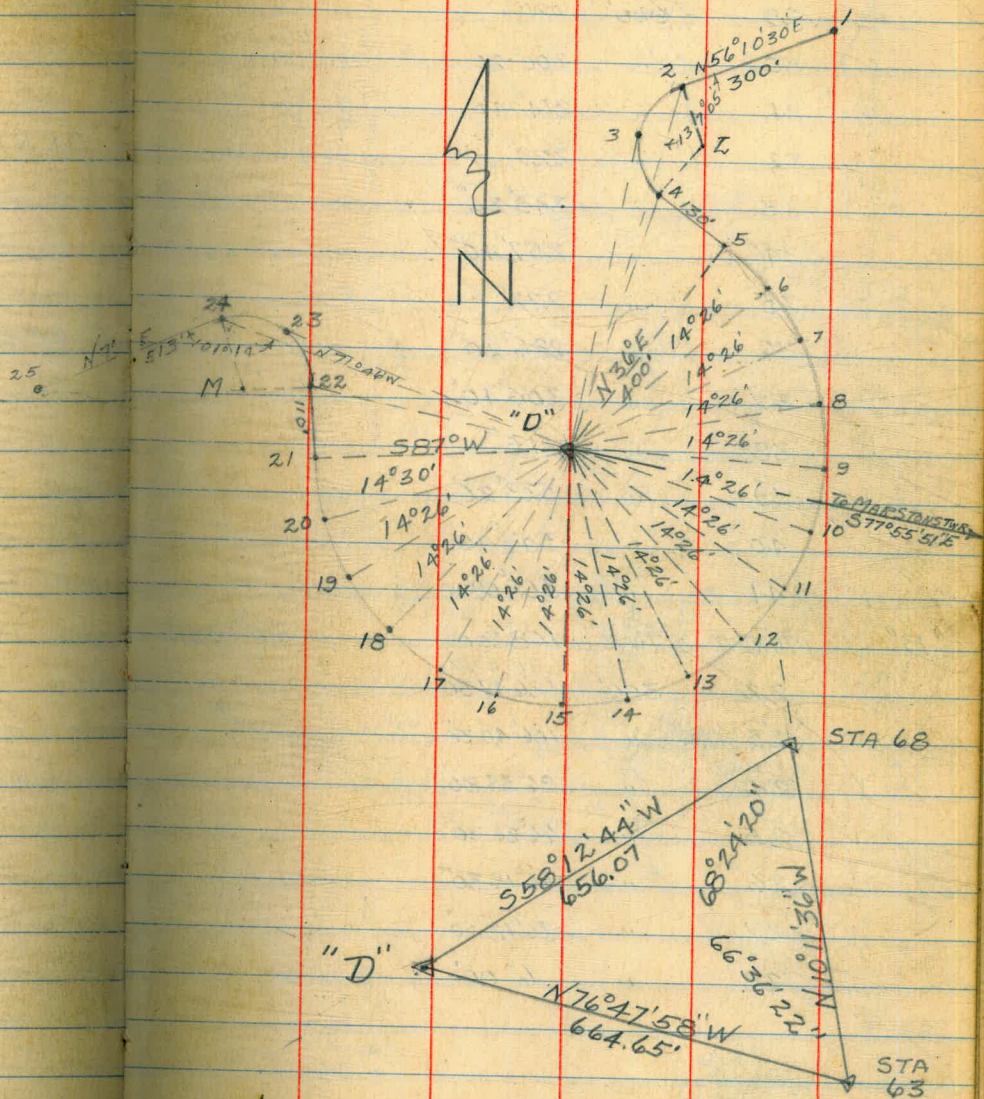
STA	OBJECT	DIST.	AZIM.
"D"	MARSTONS TWR.	102°04'09"	S77°55'51"E
✓	2	579.28'	139°52'5"
✓	3	490.78'	102°5'02"
✓	4	420.60'	17°59'44"
✓	5	400'	36°00'
✓	6	"	50°26'
✓	7	"	64°52'
✓	8	"	79°18'
✓	9	"	93°44'
✓	10	"	108°10'
✓	11	"	122°36'
✓	12	"	137°02'
✓	13	"	151°28'
✓	14	"	165°54'
✓	15	"	180°20'
✓	16	"	194°46'
✓	17	"	209°12'
✓	18	"	223°38'
✓	19	"	238°04'
✓	20	"	252°30'
✓	21	"	267°00'
✓	22	414.85'	282°22'37"
✓	23	479.90'	290°22'28"
✓	24	567.78'	288°14'

11-20-46

TOM STAMPER

GEO. WILLIAMS

(71)



LAYOUT OF PROJECT
 NO. 7 CUT AREA SHOULDER
 STAKES ELEV. 42.0

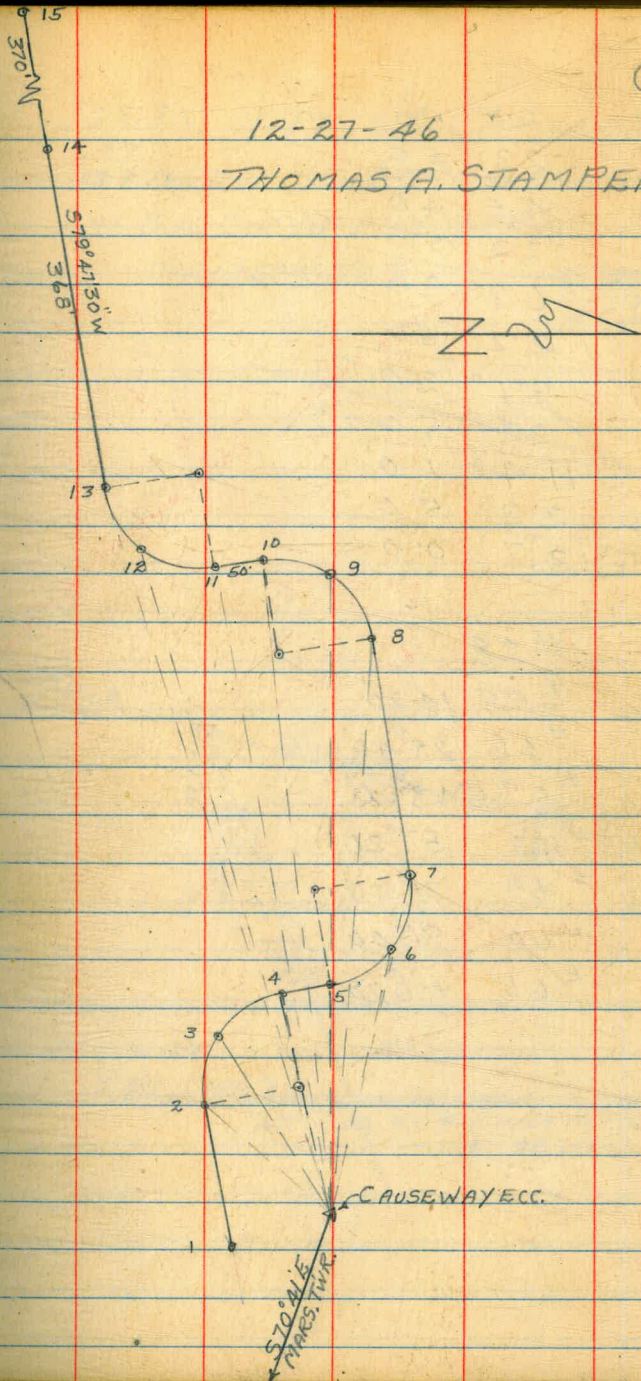
STA	OBJECT	DIST	AZIM.	BEARING
CAUSEWAY/ECC.	MARSTON TOWER		109° 19'	S 70° 41' E
✓ 2		175.37	216° 56'	S 36° 56' W
✓ 3		218.64	235° 29'	S 55° 29' W
✓ 4		229.36	254° 58'	S 74° 58' W
✓ 5		230.60	267° 26' 30"	S 87° 26' 30" W
✓ 6		277.07	281° 16'	N 78° 44' W
✓ 7		353.58	281° 29'	N 78° 31' W
✓ 8		593.12	272° 31' 30"	N 87° 28' 30" W
✓ 9		657.13	268° 40'	S 88° 40' W
✓ 10		679.23	262° 23'	S 82° 23' W
✓ 11		678.80	258° 10'	S 78° 10' W
✓ 12		713.54	252° 32' 30"	S 72° 32' 30" W
✓ 13		787.61	251° 05'	S 71° 05' W
✓ 14		1152.73	253° 51'	S 73° 51' W
✓ 15		1521.23	255° 17' 30"	S 75° 17' 30" W

REVISED

(73)

12-27-46

THOMAS A. STAMPER



# 20	22° 50'	13.32
	22 50	1 48
		<u>14.80</u>
✓ 19 =	45° 40'	
	22 50	
✓ 18 =	68 30	
	22 50	
17 =	91° 20'	
	22 50	
16 =	114° 10'	
	22 50	
15 =	137 00	

F.S	# 28	
	# 55	14° 20'
	# 56	28° 40'
	# 57	43° 00'
	# 58	57° 20'
	# 59	71° 40'
	# 60	86° 00'
	# 61	100° 20'

(74)

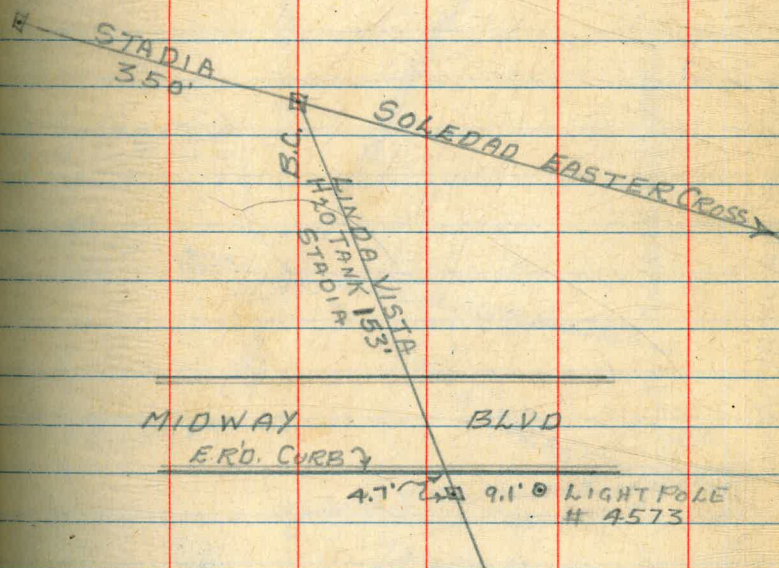
1-17-47

REF. TIES OF B.C. OF RD CURVE

AT S.E. COR. OF MISSION BAY

PROJECT NO. 7

T. STAMPER
A. SHERRY
N. STANLEY



REVISED
 REFERENCE TIES OF CONTROL
 POINTS ON VENTURA BLVD. ON
 MISSION BAY PROJECT NO. 7
 FILL AREA

Independent

SEE F.B. NO 5
 PG-73

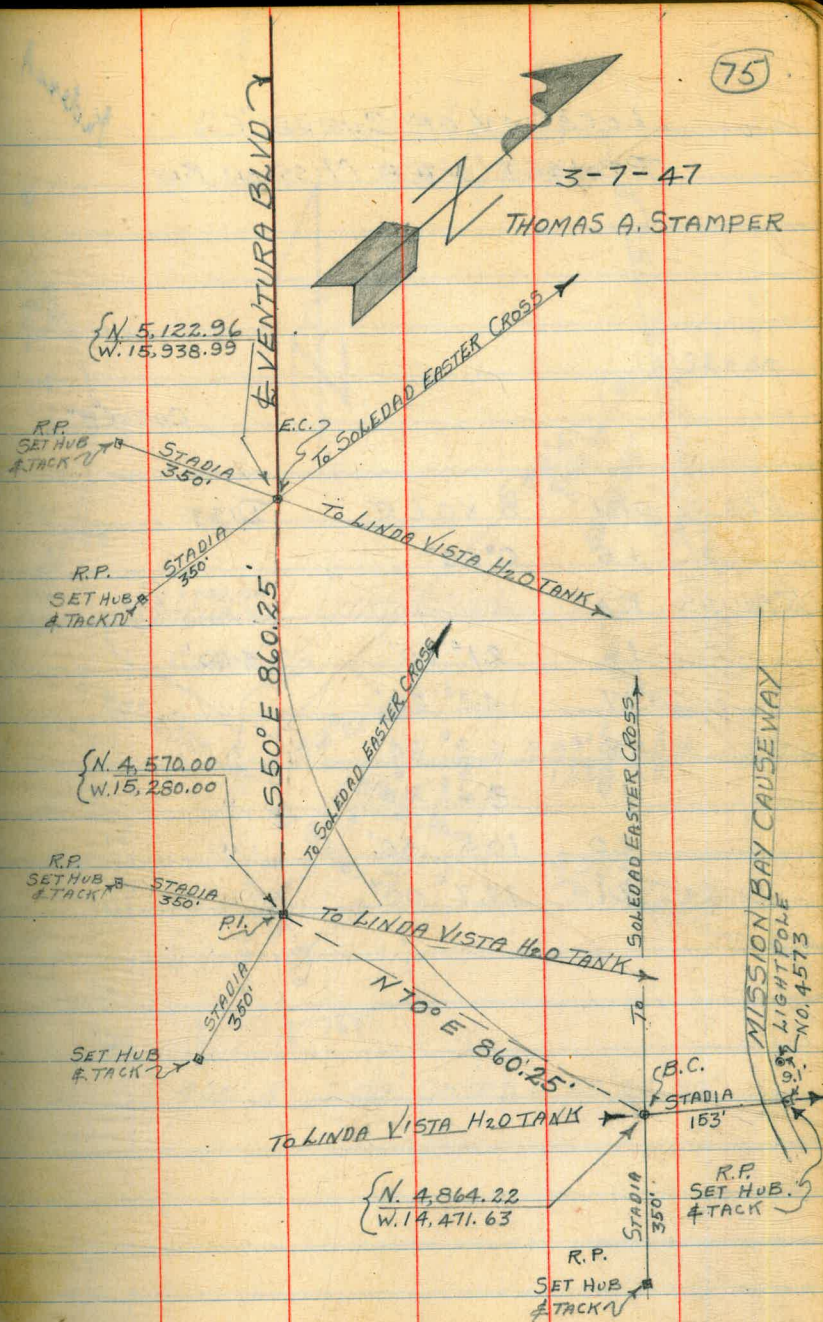


TABLE V.—RADII, ORDINATES AND DEFLECTIONS

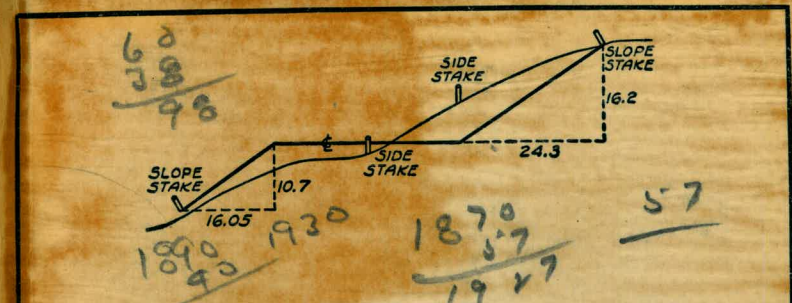
Deg.	Radius	Mid. Ord.	Tan. Offset	Def. for 1 Foot	Deg.	Radius	Mid. Ord.	Tan. Offset	Def. for 1 Foot
0° 10'	34377.5	.036	.145	0.05'	7°	819.02	1.528	6.105	2.10'
20	17188.8	.073	.291	0.10	20'	781.84	1.600	6.395	2.20
30	11459.2	.109	.436	0.15	30	764.49	1.637	6.540	2.25
40	8594.42	.145	.582	0.20	40	747.89	1.673	6.685	2.30
50	6875.55	.182	.727	0.25					
1	5729.65	.218	.873	0.30	8	716.78	1.746	6.976	2.40
10	4911.15	.255	1.018	0.35	20	688.16	1.819	7.266	2.50
20	4297.28	.291	1.164	0.40	30	674.69	1.855	7.411	2.55
30	3819.83	.327	1.309	0.45	40	661.74	1.892	7.556	2.60
40	3437.87	.364	1.454	0.50	9	637.28	1.965	7.846	2.70
50	3125.36	.400	1.600	0.55	20	614.56	2.037	8.136	2.80
2	2864.93	.436	1.745	0.60	30	603.80	2.074	8.281	2.85
10	2644.58	.473	1.891	0.65	40	593.42	2.110	8.426	2.90
20	2455.70	.509	2.036	0.70	10	573.69	2.183	8.716	3.00
30	2292.01	.545	2.181	0.75	30	546.44	2.292	9.150	3.15
40	2148.79	.582	2.327	0.80	11	521.67	2.402	9.585	3.30
50	2022.41	.618	2.472	0.85	30	499.06	2.511	10.02	3.45
3	1910.08	.655	2.618	0.90	12	478.34	2.620	10.45	3.60
10	1809.57	.691	2.763	0.95	30	459.28	2.730	10.89	3.75
20	1719.12	.727	2.908	1.00	13	441.68	2.839	11.32	3.90
30	1637.28	.764	3.054	1.05	30	425.40	2.949	11.75	4.05
40	1562.88	.800	3.199	1.10	14	410.28	3.058	12.18	4.20
50	1494.95	.836	3.345	1.15	30	396.20	3.168	12.62	4.35
4	1432.69	.873	3.490	1.20	15	383.07	3.277	13.05	4.50
10	1375.40	.909	3.635	1.25	30	370.78	3.387	13.49	4.65
20	1322.53	.945	3.718	1.30	16	359.27	3.496	13.92	4.80
30	1273.57	.982	3.926	1.35	30	348.45	3.606	14.35	4.95
40	1228.11	1.018	4.071	1.40	17	338.27	3.716	14.78	5.10
50	1185.78	1.055	4.217	1.45	18	319.62	3.935	15.64	5.40
5	1146.28	1.091	4.362	1.50	19	302.94	4.155	16.51	5.70
10	1109.33	1.127	4.507	1.55	20	287.94	4.374	17.37	6.00
20	1074.68	1.164	4.653	1.60	21	274.37	4.594	18.22	6.30
30	1042.14	1.200	4.798	1.65	22	262.04	4.814	19.08	6.60
40	1011.51	1.237	4.943	1.70	23	250.79	5.035	19.94	6.90
50	982.64	1.273	5.088	1.75	24	240.49	5.255	20.79	7.20
6	955.37	1.309	5.234	1.80	25	231.01	5.476	21.64	7.50
10	929.57	1.346	5.379	1.85	26	222.27	5.697	22.50	7.80
20	905.13	1.382	5.524	1.90	27	214.18	5.918	23.35	8.10
30	881.95	1.418	5.669	1.95	28	206.68	6.139	24.19	8.40
40	859.92	1.455	5.814	2.00	29	199.70	6.360	25.04	8.70
					30	193.18	6.583	25.88	9.00

Note. Chord Deflection = 2 times tangent deflection.

85
 85
 29
 1.6
 1.7
 1.6
 3.5
 3.1
 3.5
 8.5
 1.9
 6.6
 2.5
 2.5
 6.3

106

1.85
 11.35
 13.20
 6.85
 6.35 T.B.M.
 5.30
 11.65
 30
 1000
 60-20



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 1/4 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 1/4 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.