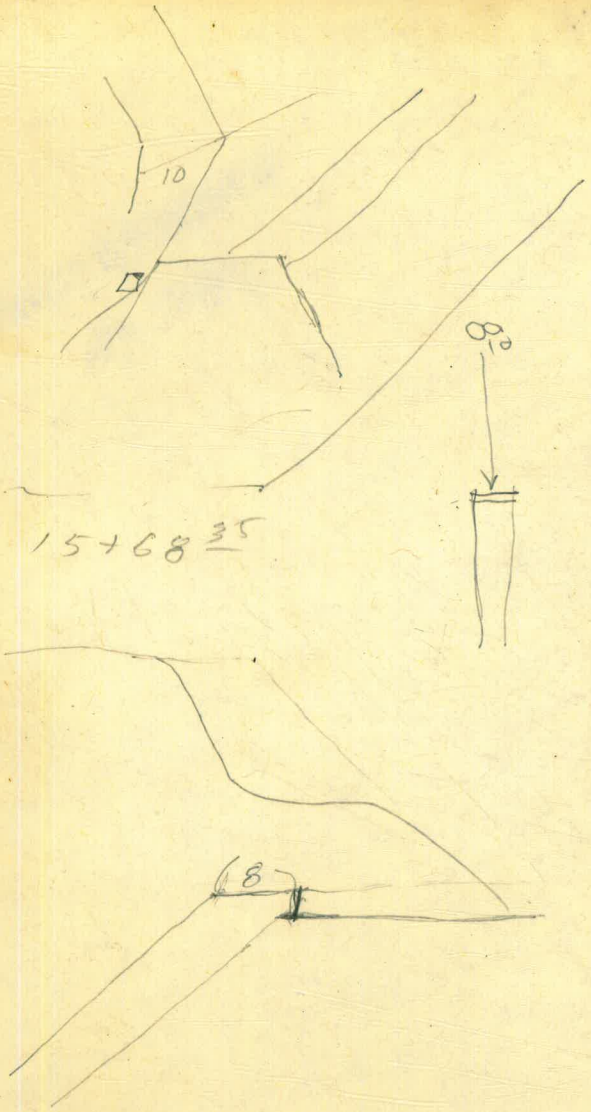
MISSION BAY

108

M. B. No 108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3-10-58

BENCH LEVELS QUIVIRA BASIN

W.O. 64043

Stamper
Blunt
Elmore
Standley

Sta	+	H.I.	−	Elev	
B.M.				13.75	Top Fire Hydrant Approx. 50' N. of End of A.C. Paved Rd. (Access To Sportfishers)
	3.245	16.995			
T.P.			5081	11.914	
	5.210	17.124			
T.B.M.			5680	11.444	11.44 Top of "TK. 2X2" Hub 70+00 N.W. = N 17+90
	6.311	17.755			
TBM.			5.305	12.450	Top 2" Iron Pipe 69+50; W, N 13+90 (100' Rad)
	5.477	17.927			
T.B.M.			6.483	11.444	11.444
	5.771	17.215			
T.P.			5.008	12.207	
	5.016	17.223			
B.M.			3.467	13.756	13.750
	5.049	18.799			
TBM.			5.617	13.182	Top P.I. "TK. 2X2" Hub 80+21.71 W; NELY. 16+53.26
	5.519	18.701			
T.P.			5.750	12951	Stub 12+50
	4.910	17.861			
T.P.			7.217	10.644	Stub 8+50
	4.950	15.594			
T.P.			5.599	9.995	Stub 4+50
	5.820	15.815			
TBM.			4.524	11.291	Top P.I. "2X2" Hub -0+38.22 = 5+29.80

3-10-58

BENCH LEVELS QUIVIRA BASIN Cont'd.

Sta	+	H.I.	−	Elev	
TBM.				11.291	
	4.438	15.729			
TP.			4.872	10.857	
	5.905	16.762			
TBM.			2.675	14.087	
	2.628	16.715			
TP.			5.857	10.858	10.857
	4.741	15.599			
TBM.			4.307	11.292	11.291
	4.483	15.775			
TP.			5.781	9.994	9.995
	5.698	15.692			
TP.			5.050	10.642	10.644
	7.147	17.839			
TP.			4.892	12.947	12.951
	5.893	18.840			
T.B.M.			5.661	13.179	13.182
	5.091	18.270			
B.M.			4.522	13.748	−13.75
TBM.				14.088	Adjusted
	4.237	18.325			
TP.			5.868	12.457	
	6.402	18.859			

2" Pipe -5+90 70+00

TBM. 15.67

Stub. 1+50

Top "2x2" P.I. Hub - 2+90 = 91+50 S/4 B/L

Fire Hydrant (Starting Bench)

Stub 87+00 S/4 B/L

3-11-58

BENCH LEVELS QUIVIRA BASIN CONT'D.

Sta	+	H.I.	-	Elev		
		18.859				
TP.			5.713	13.146		
	5.775	18.921				
TP.			5.911	13.010		
	4.622	17.632				
TP.			5.467	12.165		75+00 Stub Sly. B/L
	4.524	16.689				
TBM.			5.497	11.192		70+00 = -2+90 Sly B/L Top "2x2" P.I. Hub
	5.045	16.237				
TP.			4.509	11.728		2+00 Top "2x2" Hub
	4.455	16.183				
TBM.			4.286	11.897		Top 2" I Pipe Sta. 6+60 100' Rad. Pt.
	4.201	16.098				
TP.			4.371	11.727	11.728	
	4.526	16.253				
TBM.			5.062	11.191	11.192	
	5.544	16735				
TP.			4.573	12.162	12.165	75+00 Stub Sly. B/L
	5.537	17.699				
TP.			4.728	12.971		79+00 Stub " "
	5.883	18.854				
TP.			5.858	12.996		83+00 Stub " "
	5.889	18.885				
TP.			6.430	12.455	12.457	87+00 Stub " "

3-11-58

BENCH LEVELS QUIVIRA BASIN CONTD.

Sta.	+	H.I.	−	Elev		
T.P.				12.455	12.457	87+00 Stub
	5.595	18.050				
TBM.			3.963	14.087	14.088	PI Hub − 2+90 = 91+50 Sly. B/L
TBM.				11.86		Top of 2"x2" Hub R.P. 70' E. H.O. Line Sta. 8+66.21 12-2-58
B.M.				16.915		Top Conc. Mon. ℄ N. Levee Sta. 81+50
B.M.				17.46		Top Disk 2" Pipe ℄ N. Levee Opposite ℄ Road B.C. Quivira Basin
B.M.				11.365		□ N.W. Cor. Conc. Apron Sewer Pump Sta. Midway + Sunset Cliffs Blvd
B.M.				11.39		Top Conc. Mon. N.W. Quiv. Basin 70+92.08 Rd
B.M.				11.90		" " " N.W. " " E.C.
TBM.				15.67		Top 2" Pipe ℄ N. Levee Sta. N = −5+90 Levee Sta. 70+00
B.M.				13.04		Set Chisl □. Top of Wly. Side of Sewer Pump Sta. Opposite SWly Traffic Circle Quivira Basin
TBM.				13.99		Top F. Hyd. Opp. Sta. 4+00 Letter "D"
TBM.				10.85		Chisl □ Top S.E. Cor Conc. Drain Box Sta. 6+25 ±
B.M.				11.24		Top E.C. Mon. Rd. Sta. 39+96.83
TBM.				12.42		P.K. Conc. Base Lt. Pole Opposite Fuel Dock Obriens Lease Quivira Basin

3-24-58

CROSS SECTIONS QUIVIRA BASIN

W.O. 64043

Sta	+	H.I.	-	Elev	Top of "2x2" Hub N16+90 W70+00
B.M.	3.66	15.10		11.44	

STA. 16+00 N.W. 0+00 = B/L.

0		2.5	12.6
E38		3.5	11.6
E44		11.4	3.7
E54		13.3	1.8

NOTE: For B/L. Layout See NB 10 3/1

Sta. 16+90 N.W.; 0+00 = B/L

Sta	+	H.I.	-	Elev
0		15.1	2.7	12.4
E87			3.7	11.4
E89			8.8	6.3
E145			11.4	3.7

Sta. 70+58 NLY; 0+00 = B/L

Sta	+	H.I.	−	Elev
5100'		15.10	3.4	11.7
5124			3.6	11.5
5129			9.1	6.0
5143			11.5	3.6

3-24-58

Sta. 71+48 NLY; 0+00 = B/L

Sta	+	H.I.	−	Elev
578		15.10	4.1	11.0
580			8.5	6.6
5100			11.2	3.9

0+00 = 5.100; SOUND SLY

Dist.	Sound	Elev
0+00		
40	1.8	+2.2
113	5.5	1.5
	9.0	5.0
50		
1+00		

Sta. 72+00 N'LY 0+00 = B/L

Sta	+	H.I.	-	Elev
580		15.10	3.6	11.5
585			8.9	6.2
590			10.7	4.4

0+00 = 5.90; Sound S'LY.

Dist	Sound	Elev
0+00		
(4.0)	1.9	+2.1
11.15	5.0	1.0
	8.0	4.0
50		
1+00		

3-24-58

Sta. 72+50 N'LY 0+00 = B/L

Sta	+	H.I.	-	Elev
575		15.10	3.8	11.3
577			8.9	6.2

0+00 = 5.77; Sound S'LY.

Dist	Sound	Elev
0+00		
(4.0)	1.0	+3.0
11.17	1.5	+2.5
	3.7	+0.3
	8.9	4.9
50	12.1	8.1
1+00		

Sta. 73+00; 0+00 = B/L

S.	Sta	+	H.I.	−	Elev
S10	578		15.10	3.9	11.2
S1	584			10.5	4.6
S1	590			11.0	4.1

S1 0+00 = 5.90'; SOUND SLY.

Dist	Sound	Elev
0+00		
(40)	0.3	+3.7
1119	2.7	+1.3
	6.9	2.9
	12.6	8.6 ✓
50		
1+00		

3-24-58

Sta. 73+50; 0+00 = B/L

Sta	+	H.I	−	Elev
585		15.10	3.6	11.5
590			4.3	10.8
S103			12.1	3.0

0+00 = S.103'; SOUND SLY.

Dist	Sound	Elev
0+00		
(40)	1.6	+2.4
1121	2.2	+1.8
	6.3	2.3
	11.4	7.4 ✓
50		
1+00		

Sta 74+00; 0+00 = B/L

Sta	+	H.I	−	Elev
578		15.10	3.0	12.1
580			9.1	6.0
5100			10.4	4.7
5120			11.5	3.6

0+00 = 5.120'; SOUND SLY.

Dist	Sound	Elev
0+00		
(4.0)	2.0	+2.0
11:23	5.3	1.3
	10.8	6.8 ✓
50		
1+00		

3-24-58

Sta 74+50; 0+00 = B/L

Sta	+	H.I	−	Elev
589		15.10	3.8	11.3
592			9.3	5.8
5100			9.9	5.2
5120			11.6	3.5

0+00 = 5.120'; SOUND SLY.

Dist	Sound	Elev
0+00		
(4.0)	1.0	+3.0
11:24	5.0	1.0
	10.9	6.9 ✓
50		
1+00		

Begin Rip-Rap

Sta. 75+00; 0+00 = B/L

Sta	+	H.I.	-	Elev
5100		15.10	3.0	12.1
5117			13.2	1.9

0+00 = 5.117'; SOUND SLY.

Dist	Sound	Elev
0+00		
(4.0)	2.3	+1.7
11.26	6.8	2.8
	11.6	7.6 ✓
50		
1+00		

3-24-58

(10)

Sta. 75+50; 0+00 = B/L

Sta	+	H.I.	-	Elev
5.101		15.10	2.7	12.4
5.113			11.1	4.0

0+00 = 5.113'; SOUND SLY.

Dist	Sound	Elev
0+00		
(4.0)	6.7	2.7
11.27	10.9	6.9
	12.7	8.7
50		
1+00		

Sta. 76+00; 0+00 = B/L

	Sta	+	H.I.	−	Elev	
S/L	5100		15.10	2.6	12.5	
S.	5111			11.1	4.0	
S/	TR.	2.76	15.40	2.46	12.64	TO P.R. 76+00/5

S/ 0+00 = 5.100'; SOUND S/L.

Dist	Sound	Elev
0+00		
(4.0)	4.0	0.0
11.30	8.3	4.3
~	11.7	7.7
50		

3-24-58

Sta. 76+50; 0+00 = B/L

Sta	+	H.I.	−	Elev
586		15.40	4.6	10.8
588			9.1	6.3
5100			11.7	3.7

0+00 = 5.100'; SOUND S/L.

Dist	Sound	Elev
0+00		
(4.0)	2.4	+1.6
1193	3.9	+0.1
~	8.9	4.9
	11.8	7.8
50		
1+00		

3-24-58

Sta. 77+00; 0+00 = B/L

Sta	+	H.I.	−	Elev
5.72		15.40	4.4	11.0
5.74			9.1	6.3
5.93			11.5	3.9

0+00 = 5.93'; SOUND S'LY.

Dist	Sound	Elev
0+00		
(40)	2.4	+1.6
11:35	3.9	+0.1
	9.9	5.9
	12.4	8.4 ✓
50		
1+00		

Sta. 77+50; 0+00 = B/L

Sta	+	H.I.	−	Elev
5.39		15.40	4.4	11.0
5.41			9.1	6.3
5.60			11.5	3.9

0+00 = 5.60' SOUND S'LY.

Dist	Sound	Elev
0+00		
(40)	1.3	+2.7
11:37	2.0	+2.0
	5.1	1.1
	10.1	6.1
50	12.7	8.7 ✓
1+00		

Sta. 78+00; 0+00 = B/L

	Sta.	+	H.I.	−	Elev
5	5.45		15.40	4.2	11.2
5	5.47			9.3	6.1
5	5.57			10.6	4.8
5	5.60			11.7	3.7

0+00 = 5.60; SOUND 5LY.

Dist	Sound	Elev
0+00		
(39)	1.7	+2.2
11.38	2.1	+1.8
≈	2.4	+1.5
	2.8	+1.1
50	3.0	+0.9
	6.1	2.2
	9.9	6.0
	12.3	8.4 ✓
1+00		

3-24-58

(13)

Sta. 78+50; 0+00 = B/L

Sta	+	H.I.	−	Elev
550		15.40	4.2	11.2
552			9.2	6.2
563			10.7	4.7
564			11.8	3.6

0+00 = 5.64; SOUND 5LY.

Dist	Sound	Elev
0+00		
(39)	0.7	+3.2
11.42	0.8	+3.1
≈	1.4	+2.5
	1.5	+2.4
50	2.7	+1.2
	6.1	2.2
	12.0	8.1 ✓
1+00		

STA. 79+00; 0+00 = B/L

Sta	+	H.I.	-	Elev
5.65		15.40	4.6	10.8
5.67			9.3	6.1
5 79			10.3	5.1
5100			10.8	4.6
5101			11.1	4.3

0+00 = 5.101; SOUND 5'L.Y.

Dist	Sound	Elev
0+00		
(39)	0.5	+3.4
11.45	1.9	+2.0
	5.6	1.7
	12.1	8.2 ✓
50		
1+00		

3-21-58

(14)

STA. 79+36.80; 0+00 = B/L

Sta	+	H.I.	-	Elev	
5.79		15.40	4.1	11.3	
5.82			8.9	6.5	
5.110			11.4	4.0	P.I. Hub
TBM.			2.19	13.21 ~	13.18 (See Pg.1)

0+00 = 5.110'; SOUND 5'L.Y.

Dist	Sound	Elev
0+00		
	1.6	+2.3
11.48	4.7	0.8
	11.0	7.1
(39)	16.0	12.1
50	20.2	16.3
	21.9	18.0
	21.9	18.0
	21.9	18.0
	22.0	18.1
1+00	22.2	18.3 ✓

NOTE: Direct Elev Rod Used. 4-25-58

CROSS SECTION NELY AREA QUIVIRA BASIN W.O. 64043

STA. 0+34.40; 0+00 = B/L

Sta		
BM.		11.29
W 90		11.1
W 91		6.5
W 118		4.3
W 130		1.2

TOP PI Hub. Sta 5+29.80 (Pg. 1)

0+00 = W. 130' SOUND S'WLY.

Dist	Sound	Elev
0+00	1.7	+1.6
1.15	3.3	0.0
~~1+15~~	5.5	2.2
~	7.9	4.6
(33)	10.8	7.5
50	17.1	13.8
1+00		

STA. 1+00 NELY, 0+00 = B/L

Sta		Elev
W 94		10.5
W 96		6.7
W 110		4.8
W 120		2.8

0+00 = W 120'; Sound S'WLY

Dist	Sound	Elev	Dist	Sound	Elev
0+00			0+60	19.1	15.7
(33)	2.2	+1.2			
1.15	5.0	1.6			
~	7.5	4.1			
	9.4	6.0	1+00		
50	13.5	10.1			

STA 1+50; 0+00 = B/L

W 90	10.5
W 92	6.9
W 114	5.2
W 120	3.5

0+00 = W. 120' SOUND S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				12.2	8.8
	1.3	+2.1	50	15.0	11.6
1.18	4.0	0.6		21.2	17.8
~	8.1	4.1			

4-25-58.

STA. 2+00; 0+00 = B/L

Sta	Elev
W 75	10.2
W 80	6.0
W 109	5.2
W 125	2.3

0+00 = W. 125'; Sound S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00			50	17.2	13.8
(34)	3.3	+0.1		20.2	16.8
1:20	6.7	3.3			
≈	12.5	9.1			
40	15.6	12.2	90		

STA. 2+50; 0+00 = B/L

W 75	10.6
W 79	7.3
W 101	4.7
W 110	1.6

0+00 = W. 110'; Sound S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				19.1	15.7
	2.4	+1.0			
1:22	2.8	+0.6			
≈	4.6	1.2	1+00		
	10.1	6.7			
50	13.2	9.8			
	17.0	13.6			

STA. 3+00; 0+00 = B/L

(16)

Sta	Elev
W 76	10.6
W 80	7.1
W 110	3.9
W	

0+00 = W 110'; Sound S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				20.9	17.5
(31)	2.4	+1.0			
1:23	3.3	+0.1			
≈	8.1	4.7			
	13.7	10.3	1+00		
50	17.7	14.3			

STA 3+50; 0+00 = B/L

W 82	10.8
W 83	6.9
W 107	4.2
W 110	2.6

0+00 = W 110; Sound S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				22.6	19.2
	2.4	+1.0			
1:25	4.8	1.4			
≈	10.5	7.1			
	14.1	10.7	1+00		
50	17.5	14.1			

4-25-58

STA. 4+00; 0+00 = B/L

Sta				Elev
W 100				11.0
W 101				6.7
W 116				5.1
W 120				3.5

0+00 = W 120'; SOUND S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(34)	3.0	+0.4			
1;27	8.0	4.6			
	12.4	9.0			
	16.1	12.7	1+00		
50	21.4	18.0			

STA. 4+50; 0+00 = B/L

W 99				10.4
W 100				6.1
W 116				5.4
W 120				2.9

0+00 = W 120'; SOUND S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(35)	4.3	0.8			
1;28	10.3	6.8			
	14.0	10.5			
	17.3	13.8	1+00		
50	20.0	16.5			

STA. 5+00; 0+00 = B/L

(17)

Sta				Elev
W 94				10.0
W 96				7.2
W 110				4.9
W				

0+00 = W 110'; SOUND S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				21.5	18.0
(35)	3.0	+0.5			
1;30	7.2	3.7			
	13.0	9.5			
	16.8	13.3	1+00		
50	17.8	14.3			

STA. 5+50; 0+00 = B/L

W 96				9.6
W 97				6.9
W 120				4.9
W				

0+00 = W. 120'; SOUND, S'WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
1;32	2.8	+0.7			
(35)	8.5	5.0			
	13.9	10.4			
	18.0	14.5			
50	20.8	17.3			

4-25-58

STA. 6+00

Sta				Elev		
W 95				10.7		
W 98				6.7		
W 106				5.0		
W. 110				2.9		

0+00 = W 110' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				21.6	18.1
(35)	2.9	+0.6			
1:33	8.2	4.7			
	12.8	9.3			
	16.6	13.1	1+00		
50	19.1	15.6			

STA. 6+50; 0+00 = B/L

W 67				10.2	
W 69				6.6	
W 90				4.9	
W					

0+00 = W 90' ; SOUND SWLY

Dist	Sound	Elev	Dist	Sound	Elev
0+00				16.3	12.8
(33)	1.8	+1.7		18.7	15.2
1:35	5.2	1.7		19.1	15.6
	8.8	5.3			
	13.2	9.7	1+00		
50	14.3	10.8			

STA. 7+00; 0+00 = B/L

Sta				Elev		
W 65				10.6		
W 66				6.7		
W 90				4.0		
TP.				10.66		

0+00 = W 90 ; Sound SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				17.5	14.0
(33)	2.0	+1.5		21.8	18.3
1:38	6.7	3.2			
	8.1	4.6			
	8.5	5.0	1+00		
50	13.0	9.5			

STA. 7+50; 0+00 = B/L

W 75				10.6	
W 77				7.2	
W 90				5.0	
W					

0+00 = W 90' ; SOUND SWLY

Dist	Sound	Elev	Dist	Sound	Elev
0+00				18.7	15.2
(35)	1.8	+1.7		21.2	17.7
1:40	4.4	.9			
	11.2	7.7			
	14.8	11.3	1+00		
50	16.0	12.5			

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STA. 8+00; 0+00 = B/L

Sta				Elev
W 81				10.5
W 83				7.1
W 100				4.6
W				

0+00 = W 100'; SOUND S'WLS.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				20.8	17.3
(35)	2.0	+1.5			
1+42	3.3	+0.2			
~	7.4	3.9			
	10.2	6.7	1+00		
50	14.7	11.2			

STA. 8+50; 0+00 = B/L

W 89				10.4	
W 90				7.3	
W 106				4.8	
W 110				3.2	

0+00 = W 110'; SOUND S'WLS.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(35)	2.0	+1.5			
1+43	6.1	2.6			
~	12.3	8.8			
	17.0	13.5	1+00		
50	20.0	16.5			

STA. 9+00; 0+00 = B/L

Sta				Elev
W 82				11.7
W 84				6.9
W 100				4.5
W				

0+00 = W 100'; SOUND S'WLS.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				17.0	13.4
(36)	1.1	+2.5		19.3	15.7
1+45	2.3	+1.3			
~	8.0	4.4			
	11.6	8.0	1+00		
50	15.9	12.3			

STA. 9+50; 0+00 = B/L

W 81				12.5	
W 82				7.1	
W 96				5.1	
W 100				3.7	

0+00 = W 100'; SOUND S'WLS.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				19.5	15.9
(36)	2.4	+1.2			
1+47	4.3	0.7			
~	7.0	3.4			
	12.0	8.4	1+00		
50	16.0	12.4			

4-25-58

STA. 10+00; 0+00 = B/L

Sta.				Elev	
W 66				11.5	
W 67				6.9	
W 90				4.9	
W					

0+00 = W. 90' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.9	12.3
(36)	0.8	+2.8		18.2	14.6
1:49	2.0	+1.6		21.5	17.9
	3.0	+0.6			
	5.4	1.8	1+00		
50	11.0	7.4			

STA. 10+50; 0+00 = B/L

W 53				11.6	
W 54				6.9	
W 78				5.0	
W 90				3.2	

0+00 = W 90' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				16.5	12.9
(36)	1.2	+2.4		18.3	14.7
1:52	3.0	+0.6			
	6.5	2.9			
	10.8	7.1	1+00		
50	13.1	9.5			

STA. 11+00; 0+00 = B/L

Sta.				Elev	
W 54				11.0	
W 55				7.0	
W 80				4.7	
W					

0+00 = W 80' ; SOUND SWLY

Dist	Sound	Elev	Dist	Sound	Elev
0+00				13.0	9.4
(36)	1.4	+2.2		16.9	13.3
1:54	2.0	+1.6		19.7	16.1
	3.3	+0.3			
	7.2	3.6	1+00		
50	10.5	6.9			

STA. 11+50; 0+00 = B/L

W 56				11.1	
W 57				7.3	
W 80				4.8	
W					

0+00 = W 80' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.0	11.4
(36)	1.4	+2.2		17.0	13.4
1:57	2.1	+1.5		19.0	15.4
	3.1	+0.5			
	4.5	.9	1+00		
50	10.4	6.8			

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STA. 12+00; 0+00 = B/L

Sta				Elev
W 49				11.7
W 50				6.9
W 70				5.0
W 80				3.3

0+00 = W 80' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.5	10.9
(36)	1.7	+1.9		17.0	13.4
1:59	2.5	+1.1		19.4	15.8
	3.6	0.0			
	6.0	2.4	1+00		
50	11.0	7.4			

STA. 12+50; 0+00 = B/L

W 51				11.1
W 52				7.1
W ~~69~~				4.8
W				

0+00 = W 70' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				11.8	8.1
(37)	1.5	+2.2		13.8	10.1
2:03	2.1	+1.6		17.1	13.4
	2.9	+0.8		19.4	15.7
	3.8	0.1	1+00		
50	8.1	4.4			

STA. 13+00; 0+00 = B/L (21)

Sta				Elev
W 50				11.9
W 51				6.5
W 73				4.7
W 80				3.2

0+00 = W 80' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.2	11.5
(37)	1.8	+1.9		17.2	13.5
2:05	3.0	+0.7		20.4	16.7
	4.4	0.7			
	10.0	6.3	1+00		
50	12.4	8.7			

STA. 13+50; 0+00 = B/L

W 55				11.3
W 57				6.8
W 84				4.5
W 90				2.6

0+00 = W 90' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.1	11.4
(37)	1.8	+1.9		18.0	14.3
2:08	2.9	+0.8		19.8	16.1
	3.9	0.2			
	7.8	4.1	1+00		
50	12.1	8.4			

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STA. 14+00; 0+00 = B/L

Sta	Elev
W 49	11.8
W 51	7.2
W 80	4.2
W	

0+00 = W 80'; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				12.5	8.8
(37)	1.3	+2.4		14.7	11.0
2:10	2.1	+1.6		18.4	14.7
≈	3.0	+0.7		22.0	18.3
	4.4	0.7	1+00		
50	9.0	5.3			

STA. 14+50; 0+00 = B/L

W 41	12.8
W 43	7.6
W 80	3.7
W	

0+00 = W 80'; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				12.6	8.9
(37)	1.4	+2.3		14.7	11.0
2:13	2.1	+1.6		15.0	11.3
≈	3.5	+0.2		15.8	12.1
	6.1	2.4	1+00	16.3	12.6
50	10.1	6.4		18.9	16.2

(22)

STA. 15+00; 0+00 = B/L

Sta	Elev
W 46	12.6
W 49	7.1
W 70	3.8
W	

0+00 = W 70'; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				8.8	5.1
	0.9	+2.8		13.7	10.0
2:15	1.5	+2.2		16.0	12.3
(37)	2.5	+1.2		18.5	14.8
	3.0	+0.7	1+00		
50	3.9	0.2			

STA. 15+50; 0+00 + B/L

W 62	11.4
W 64	6.6
W 90	4.0
W	

0+00 = W 90'; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.7	11.0
	0.6	+3.1		16.1	12.4
2:18	1.7	+2.0		17.9	14.2
≈	3.4	+0.3		20.1	16.4
	8.2	4.5	1+00		
50	11.8	8.1			

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STA. 15+68.35; 0+00 = B/L

Sta.			Elev
W 69			11.2
W 71			6.4
W 100			3.8
W			

0+00 = W 100' ; SOUND SWLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				17.7	14.0
(37)	0.8	+2.9		20.2	16.5
2:20	1.8	+1.9			
	4.0	0.3			
	9.3	5.6	1+00		
50	13.7	10.0			

BM.		13.16	~13.18

5-8-58 STA - 1+00; 0+00 = B/L. (23)

ELY. B/L

Sta			Elev
BM.			14.09
W 69			11.3
W 76			6.0
W 100			2.7
W			

0+00 = W 100'; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				13.2	10.0
(32)	2.2	+1.0		16.3	13.1
1:55	5.9	2.7		19.9	16.7
	11.6	8.4			
	12.7	9.5	1+00		
50	13.0	9.8			

STA - 0+50; 0+00 = B/L SELY

W 74	10.3
W 76	6.8
W 90	4.9

0+00 = W 90 ; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00			50	13.9	10.6
(33)	2.3	+1.0		14.0	10.7
1:58	4.0	0.7			
	9.4	6.1			
	13.4	10.1			
			1+00		

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SELY STA. 0+00; 0+00 = B/L

Sta			Elev
W 76			10.4
W 80			5.9
W 90			3.1
W			

0+00 = W 90' ; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(33)	2.0	+1.3			
2.00	3.5	0.2			
	9.2	5.9			
	12.5	9.2	1+00		
50	13.5	10.2			

STA 0+50; 0+00 = B/L SELY.

W 74			10.3
W 77			6.7
W 100			1.8
W			

0+00 = W 100' ; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(33)	2.5	+0.8			
2.02	3.6	0.3			
	9.0	5.7			
	11.0	7.7	1+00		
50	12.1	8.8			

SELY. STA. 1+00; 0+00 = B/L (24)

Sta			Elev
W 42			10.9
W 45			6.4
W 120			2.0
W			

0+00 = W 120; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(34)	5.0	1.6			
2.03	10.1	6.7			
	13.0	9.6			
	13.5	10.1	1+00		
50	14.5	11.1			

STA 1+50; 0+00 = B/L SELY.

W 38			10.5
W 44			7.1
W 100			2.9
W			

0+00 = W 100' ; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					17.5 14.1
(34)	1.7	+1.7			
2.05	2.1	+1.3			
	3.9	0.5			
	9.0	5.6	1+00		
50	11.3	7.9			

5-08-58

SELY. STA. 2+00; 0+00 = B/L

Sta	Elev
W 70	9.5
W 75	5.7
W 102	5.0
W 110	2.0

0+00 = W110'; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(34)	2.0	+1.3			
2.07	8.2	4.8			
	11.4	8.0			
	12.7	9.3	1+00		
50	14.7	11.3			

STA. 2+50; 0+00 = B/L SELY.

Sta	Elev
W 85	9.9
W 88	6.5
W 110	2.4
W	

0+00 = W110; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(35)	4.1	0.6			
2.09	8.8	5.3			
	9.8	6.3			
	11.5	8.0	1+00		
50	15.0	11.5			

STA. 3+00; 0+00 = B/L SELY.

Sta	Elev
W 85	10.3
W 88	7.0
W 110	2.2
W	

0+00 = W110; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(35)	2.1	+1.4			
2.11	7.4	3.9			
	10.0	6.5			
	11.0	7.5	1+00		
50	15.1	11.6			

STA. 3+50; 0+00 = B/L SELY.

Sta	Elev
W 76	10.3
W 80	7.0
W 110	2.6
W	

0+00 = W110; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.2	10.7
(35)	1.0	+2.5			
2.11	2.0	+1.5			
	5.2	1.7			
	9.0	5.5	1+00		
50	10.0	6.5			

5-08-58

STA. 4+00; 0+00 = B/L SELY.

Sta.	Elev
W 56	9.7
W 60	7.2
W 110	3.5
W	

0+00 = W 110'; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.4	10.9
	0.7	+2.8			
2:15	1.9	+1.6			
(35)	3.3	+0.2			
	9.0	5.5	1+00		
50	11.7	8.2			

STA. 4+57.18; 0+00 = B/L SELY.

W 62	10.6
W 67	6.8
W 120	2.7
W	

0+00 = W 120'; SOUND WLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.1	10.6
(35)	1.1	+2.4		21.0	17.5
2:17	2.1	+1.4			
	4.9	1.4			
	8.3	4.8	1+00		
50	11.1	7.6			

STA - 1+00 SWLY. B/L

Sta.	Elev
E 52	11.1
E 70	3.3
E	
E	

0+00 = E 70'; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.8	12.5
(23)				19.3	17.0
10:10	0.0	+2.3		21.3	19.0
	1.0	+1.3		21.6	19.3
	5.0	2.7	1+00	21.6	19.3
50	9.4	7.1			

STA. - 0+50 SWLY B/L

E 50	11.4
E 70	3.3
E	
E	

0+00 = E 70; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				18.0	15.7
(23)	0.3	+2.0		19.9	17.6
10:07	3.2	0.9		23.5	21.2
	8.0	5.7			
	12.7	10.4	1+00		
50	16.0	13.7			

STA. 0+00 SWLY B/L

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STA.				Elev	
E 46				11.1	
E 60				4.0	
E					
E					

0+00 = E 60 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				13.8	11.5
(23)	0.1	+2.2		15.9	13.6
10:06	2.2	+0.1		20.0	17.7
~~	7.0	4.7		23.4	21.1
	10.1	7.8	1+00		
50	11.3	9.0			

STA 0+50 SWLY B/L

E 58				10.2	
E 70				4.4	
E					
E					

0+00 = E 70' ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				17.0	14.6
(24)	0.0	+2.4		22.0	19.6
10:04	3.0	0.6		23.2	20.8
~~	8.2	5.8			
	12.3	9.9	1+00		
50	13.6	11.2			

STA. 1+00 SWLY B/L

Sta.				Elev	
E 45				11.0	
E 70				3.0	
E					
E					

0+00 = E 70 ; SOUND ELY.

Dist	Sound	Elev.	Dist	Sound	Elev
0+00				18.1	15.6
(25)	1.0	+1.5		21.5	19.0
10:02	4.8	2.3		23.7	21.2
~~	9.1	6.6			
	11.1	8.6	1+00		
50	13.2	10.7			

STA. 1+50 SWLY. B/L

E 41				11.2	
E 60				2.8	
E					
E					

0+00 = E 60' ; SOUND ELY.

Dist	Sound.	Elev	Dist	Sound	Elev
0+00				15.1	12.6
(25)	1.8	+0.7		19.7	17.2
10:00	5.1	2.6		22.9	20.4
~~	10.0	7.5			
	12.0	9.5	1+00		
50	14.0	11.5			

5-8-58

STA. 2+00 SWLY B/L

Sta.				Elev	
E 51				11.6	
E 70				3.2	
E					
E					

0+00 = E 70 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				19.2	16.7
(25)	0.6	+1.9		23.0	20.5
9:58	1.7	+0.8			
~	5.7	3.2			
	9.7	7.2	1+00		
50	13.4	10.9			

STA. 2+50 SWLY B/L

E 38				11.6	
E 60				3.7	
E					
E					

0+00 = E 60 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.8	13.3
(25)	1.0	+1.5		20.6	18.1
9:56	2.4	+0.1		23.9	21.4
~	5.9	3.4			
	9.6	7.1	1+00		
50	12.1	9.6			

STA 3+00 SWLY B/L

Sta				Elev	
E 28				10.0	
E 50				3.5	
E					
E					

0+00 = E 50 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				13.0	10.5
(25)	0.6	+1.9		15.1	12.6
9:54	3.1	0.6		18.9	16.4
~	7.4	4.9		23.0	20.5
	10.2	7.7	1+00		
50	12.0	9.5			

STA. 3+50 SWLY B/L

E 30				11.8	
E 42				3.0	
E 50				3.0	
E					

0+00 = E 50 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				9.1	6.5
(26)				13.1	10.5
9:52				17.4	14.8
~	1.3	+1.3		21.9	19.3
	5.2	2.6	1+00		
50	7.8	5.2			

5-09-58

STA 4+00 SWLY. B/L

Sta	Elev
0	9.2
E 60	3.1
W 8	12.0
W 15 (TP. 3+50 11.11 Hob)	12.0

0+00 = E 60 ; SOUND; ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.1	12.5
(2.6)				20.5	17.9
9:50	1.7	+0.9			
	6.7	4.1			
	11.6	9.0	1+00		
50	12.7	10.1			

STA. 4+50; SWLY B/L

0	6.3
E 70	3.2
W 20	7.0
W 25	11.6
W 35	11.0

0+00 = E 70 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				20.2	17.6
(2.6)	1.2	+1.4			
9:48	4.7	2.1			
~~	9.0	6.4			
	11.7	9.1	1+00		
50	16.1	13.5			

STA. 5+00 SWLY. B/L

Sta	Elev
0	6.5
E 70	2.7
W 17	7.6
W 23	11.5
W 35	11.4

0+00 = E ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				17.3	14.6
(27)	1.6	+1.1		22.5	19.8
9:46	4.8	2.1			
~~	8.3	5.6			
	10.3	7.6	1+00		
50	13.1	10.4			

STA. 5+50 SWLY B/L

0	5.8
E 80	2.3
W 13	6.5
W 22	11.5
W 35	11.4

0+00 = E ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				20.0	17.3 W.S.
(27)	2.3	+0.4			
9:45	6.2	3.5			
~~	11.5	8.8			
	15.0	12.3	1+00		
50	16.2	13.5			

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STA. 6+00 SWLY B/L

Sta.			Elev
0			4.4
E 80			1.7
W 9			11.2
W 25			11.3
BM.		(6+60)	11.87 ~ 11.89

0+00 = E 80 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				19.8	17.1
(27)	1.5	+1.2			
9:43	5.1	2.4			
~	10.0	7.3			
	12.3	9.6	1+00		
50	14.7	12.0			

STA 6+50 SWLY. B/L

E 3				11.0	
E 11				6.0	
E 30				2.7	
E 60				1.4	

0+00 = E 60 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.2	11.4
(28)	1.8	+1.0		14.2	11.4
9:41	2.0	+0.8		17.8	15.0
~	6.4	3.6			
	10.4	7.6			
50	14.0	11.2			

STA. 7+00 SWLY. B/L

Sta.			Elev
0			5.8
E 41			3.2
E 50			2.0
W 7			7.0
W 18			10.8
W 30			10.7

0+00 = E 50 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				13.3	10.5
(28)	1.5	+1.3		15.7	12.9
9:39	2.5	+0.3		17.0	14.2
~	2.9	0.1		20.2	17.4
	5.9	3.1	1+00		
50	10.1	7.3			

STA. 7+60 SWLY B/L

0				11.4	
E 17				11.3	
E 24				7.3	
E 46				6.0	
E 60				2.3	

0+00 = E 60 ; SOUND ELY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				13.1	10.3
(28)	2.8	+0.0	Elev. 64 W.S.	16.1	13.3
9:37	2.9	0.1		20.1	17.3
~	3.2	0.4			
	5.1	2.3	1+00		
50	9.0	6.2			

5-09-58

STA. 71+48 SLY B/L

Sta.	Elev
N 102	11.6
N 106	6.6
N 120	3.5
N	

0+00 = N 120 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				21.0	18.7
(23)	0.3	+2.0		21.2	18.9
10:13	3.0	0.7			
=	7.9	5.6			
	12.9	10.6	1+00		
50	17.8	15.5			

STA 72+00 SLY. B/L

N 90	11.7
N 97	5.3
N 110	2.7
N	

0+00 = N 110 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				21.1	18.8
(23)	1.7	+0.6		21.4	19.1
10:15	6.0	3.7			
=	10.3	8.0			
	14.7	12.4	1+00		
50	19.0	16.7			

STA. 72+50 SLY. B/L

Sta.	Elev.
N 79	11.1
N. 81	6.8
N 90	5.1
N	

0+00 = N. 90 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				17.3	15.0
(23)				19.6	17.3
10:17	2.1	+0.2		22.4	20.1
=	6.1	3.8		22.2	19.9
	9.0	6.7	1+00		
50	12.7	10.4			

STA 73+00 SLY. B/L

N 71	10.8
N 76	6.8
N 90	4.6
N	

0+00 = N. 90 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				16.3	14.0
(23)				18.1	15.8
10:18	2.0	+0.3		20.8	18.5
=	6.5	4.2		25.2	22.9
	8.2	5.9	1+00	24.2	21.9
50	13.8	11.5			

5-09-58

STA. 73+50 SLY B/L

Sta.	Elev
N 81	11.5
N 90	6.6
N 100	4.2
N	

0+00 = N. 100 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.5	13.3
(2.2)				19.1	16.9
10.22	1.1	+1.1		21.2	19.0
	5.3	3.1		23.3	21.1
	9.1	6.9	1+00		
50	11.2	9.0			

STA. 74+00 SLY. B/L

N 105	8.6
N 109	4.1
N 110	3.5
N	

0+00 = N 110 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				19.6	17.4
(2.3)	0.6	+1.6		23.1	20.9
10.23	2.3	0.1		22.9	20.7
	7.9	5.7			
	13.9	11.7	1+00		
50	16.8	14.6			

STA. 74+50 SLY. B/L

Sta.	Elev.
N 93	10.4
N 94	7.0
N 110	3.4
N	

0+00 = N 110 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				20.0	17.8
(2.2)	0.3	+1.9		22.8	20.6
10.25	2.4	0.2		22.8	20.6
	8.1	5.9			
	13.5	11.3	1+00		
50	16.8	14.6			

STA. 75+00 SLY B/L

N 83	10.6
N 88	7.2
N 110	4.2
TP.	11.67

0+00 = N 110 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				20.3	18.1
(2.2)				24.9	22.7
10.27	2.3	0.1		24.6	22.4
	8.2	6.0			
	12.4	10.2	1+00		
50	16.7	14.5			

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STA. 75+50 SLY. B/L

Sta.	Elev
N 90	11.9
N 97	7.1
N 110	3.5
N	

0+00 = N. 110 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				19.7	17.5
(22)	0.7	+1.5		21.1	18.9
10:28	4.8	2.6		22.3	20.1
~	10.3	8.1			
	15.9	13.7	1+00		
50	18.4	16.2			

STA. 76+00 SLY. B/L

N 78	11.7
N 83	6.9
N 90	3.8
N	

0+00 = N 90 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				18.2	16.1
(21)				20.2	18.1
10:32	2.7	0.6		20.9	18.8
~	9.0	6.9		21.7	19.6
	12.2	10.1	1+00	22.8	20.7
50	16.3	14.2			

STA 76+50 SLY B/L

Sta.	Elev
N 89	13.1
N 97	6.9
N 100	5.3
N	

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				19.8	17.7
(21)	0.2	+1.9		22.3	20.2
10:37	3.3	1.2		22.3	20.2
~	9.1	7.0		25.1	23.0
	13.0	10.9	1+00	24.8	22.7
50	14.6	12.5			

STA. 77+00 SLY. B/L

N 86	13.7
N 87	6.9
N 100	3.6
N	

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(40)	2.0	+2.0			
3:12	5.7	1.7			
~	11.0	7.0			
	16.4	12.4	1+00		
50	18.0	14.0			

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STA. 77+50 SLY B/L

Sta			Elev
N 88			12.4
N 93			7.1
N 100			5.8
N			

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(40)	1.8	+2.2			
3:10	3.9	+0.1			
=	8.3	4.3			
	12.1	8.1	1+00		
50	16.2	12.2			

STA. 78+00 SLY B/L

N 83			12.2
N 86			7.0
N 100			2.7
N			

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				16.0	12.0
(40)	3.2	+0.8			
3:08	7.7	3.7			
=	10.6	6.6			
	11.7	7.7	1+00		
50	12.8	8.8			

STA. 78+50 SLY B/L

Sta			Elev
N 82			11.4
N 85			6.7
N 100			3.0
N			

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				16.8	12.9
(39)	2.8	+1.1			
3:07	6.0	2.1			
=	10.5	6.6			
	11.2	7.3	1+00		
50	13.8	9.9			

STA. 79+00 SLY B/L

N 86			12.3
N 93			7.1
N 100			5.1
N			

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.0	11.1
(39)	1.9	+2.0			
3:03	4.1	0.2			
=	9.5	5.6			
	12.0	8.1	1+00		
50	13.9	10.0			

5-09-58

STA. 79+50 SLY B/L

Sta.	Elev
N 93	14.0
N 101	6.9
N 110	2.6
N	

0+00 = N 110 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(39)	3.2	+0.7			
	9.9	6.0			
	14.1	10.2			
	16.3	12.4	1+00		
50	19.4	15.5			

STA. 80+00 SLY. B/L

N 83	12.0
N 86	7.2
N 100	4.1
N	

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				17.2	13.3
(39)	1.4	+2.5			
3:00	2.8	+1.1			
	4.0	0.1			
	8.9	5.0	1+00		
50	13.2	9.3			

STA. 80+50 SLY B/L

Sta.	Elev
N 84	12.2
N 88	7.2
N 100	4.9
N	

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.9	12.0
(39)	0.5	+3.4			
2:57	2.0	+1.9			
	4.8	0.9			
	9.2	5.3	1+00		
50	12.7	8.8			

STA. 81+00 SLY. B/L

N 85	11.8
N 88	7.1
N 100	4.7
N	

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				16.1	12.7
(39)	0.8	+2.1			
2:56	2.1	+1.8			
	5.3	1.4			
	11.3	7.4	1+00		
50	13.9	10.0			

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STA. 81+50 SLY. B/L

Sta.	Elev
N 91	13.2
N 95	7.2
N 110	4.2
N	

0+00 = N 110 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(39)	1.4	+2.5			
2:54	3.2	+0.7			
	8.1	4.2			
	13.9	10.0	1+00		
50	16.4	12.5			

STA. 82+00 SLY. B/L

N 94	12.2
N 97	6.7
N 110	4.4
N	

0+00 = N 110 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(38)	1.3	+2.5			
2:53	3.9	0.1			
	8.8	5.0			
	14.1	10.3	1+00		
50	17.0	13.2			

STA. 82+50 SLY. B/L

Sta.	Elev
N 92	11.0
N 93	7.2
N 110	3.5

0+00 = N 110 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(38)	1.9	+1.9			
2:52	4.8	1.0			
	11.0	7.2			
	15.2	11.4	1+00		
50	17.1	13.3			

STA. 83+00 SLY. B/L

N 88	13.1
N 91	6.9
N 100	4.3
TP	13.68

0+00 = N 100 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(38)	1.7	+2.1			
2:50	3.9	0.1			
	10.4	6.6			
	14.8	11.0	1+00		
50	17.2	13.4			

5-09-58

STA. 83+50 SLY. B/L

Sta.	Elev
N 80	11.9
N 83	7.1
N 100	3.2
N	

0+00 = N 100 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(38)	2.2	+1.6			
2:48	5.1	1.3			
	9.1	5.3			
	11.9	8.1	1+00		
50	15.2	11.4			

STA. 84+00 SLY. B/L

N 73	11.8
N 77	6.9
N 100	3.1
N	

0+00 = N 100 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				16.2	12.4
(38)	2.0	+1.8			
2:47	4.9	1.1			
	10.4	6.6			
	12.8	9.0	1+00		
50	14.3	10.5			

STA. 84+50 SLY. B/L

Sta.	Elev
N 86	13.3
N 88	6.9
N 100	4.6
N	

0+00 = N 100 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(38)	0.7	+3.1			
2:45	2.8	+1.0			
	8.0	4.2			
	14.0	10.2	1+00		
50	16.1	12.3			

STA. 85+00 SLY. B/L

N 84	13.6
N 88	7.0
N 100	4.9
N	

0+00 = N 100 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(38)	2.3	+1.5			
2:43	7.1	3.3			
	12.4	8.6			
	15.3	11.5	1+00		
50					

5-29-58

STA. 85+50 SLY. B/L

Sta.	Elev
N 83	12.6
N 85	7.2
N 100	3.3
N	

0+00 = N 100'; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(37)	2.4	+1.3			
2;42	6.3	2.6			
	10.0	6.3			
	11.4	7.7	1+00		
50	14.9	11.2			

STA. 86+00 SLY B/L

N 81	12.9
N 84	5.0
N 90	3.7
N	

0+00 = N. 90 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.4	11.7
(37)	2.3	+1.4			
2;40	5.4	1.7			
	9.9	6.2			
	12.1	8.4	1+00		
50	13.7	10.0			

STA 86+50 SLY. B/L

Sta	Elev
N 81	12.2
N 85	5,6
N 90	4.7
N	

0+00 = N 90 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(37)	2.0	+1.7			
2;38	4.5	0.8			
	10.5	6.8			
	13.3	9.6	1+00		
50	15.2	11.5			

STA. 87+00 SLY. B/L

N 88	11.8
N 91	6.0
N 100	4.9
N	

0+00 = N 100'; SOUND NLY.

Dist.	Sound	Elev	Dist	Sound	Elev
0+00					
(37)	2.1	+1.0			
2;37	4.3	0.6			
	9.7	6.0			
	12.0	8.3	1+00		
50	14.9	11.2			

5-09-58

STA. 87+50 SLY B/L

Sta.	Elev.
N 87	11.3
N 89	6.8
N 100	1.3
N	

0+00 = N 100 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(37)	4.2	0.5			
2:35	9.5	5.8			
—	12.5	8.8			
	12.6	8.9	1+00		
50	13.0	9.3			

STA. 88+00 SLY. B/L

N 75	10.8
N 80	7.0
N 90	4.5
N	

0+00 = N 90 ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(36)	2.7	+0.9			
2:30	6.1	2.5			
—	11.9	8.3			
	14.3	10.7	1+00		
50	16.1	12.5			

STA. 88+50 SLY B/L

Sta	Elev
N 75	11.7
N 80	7.0
N 90	4.8
N	

0+00 = N. 90' ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				14.4	10.8
(36)	2.2	+1.4			
2:28	3.3	+0.3			
—	8.0	4.6			
	10.6	7.0	1+00		
50	13.2	9.6			

STA. 89+00 SLY B/L

N 75	11.4
N 79	6.9
N 90	5.0
N	

0+00 = N 90' ; SOUND N'LY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				11.5	7.9
(36)	1.9	+1.7		14.2	10.6
2:23	2.9	+0.7		18.2	14.6
—	7.4	3.8			
	9.5	5.9	1+00		
50	9.7	6.1			

5-09-58,

STA. 89+60 SLY B/L

Sta.				Elev	
N 66				12.2	
N 71				6.9	
N 90				2.9	

0+00 = N 90 ; SOUND NLY.

Dist	Sound	Elev	Dist	Sound	Elev
0+00				10.0	6.5
(35)	1.4	+2.1		12.7	9.2
2;23	2.2	+1.3		14.9	11.4
	5.0	1.5		17.6	14.1
	8.3	4.8	1+00	20.4	16.9
50	9.0	5.5			

BM, 14.07 ~ 14.087

5-12-58

SOUNDING OF AS BUILT RIP-RAP SECTION @ STA 77+00 NLY B/L

0+00 = TOP OF RIP-RAP = 97 SLY B/L

Dist	Sound	Elev
0+00		
	0.6	+2.0
(2.6)	4.4	1.8
	6.7	4.1
0+43 End Rock →	11.3	8.7
	13.0	10.4
50	13.7	11.1
	15.0	12.4
	16.0	13.4
	19.2	16.6
	22.1	19.5
1+00	23.4	20.8

5-13-58

SOUNDINGS OF AS-BUILT RIP-RAP

SEC. @ STA. 77+00, N'LY. B/L

0+00 = TOP OF RIP-RAP = 97' S'LY OF B/L

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
	0.7	+2.5			
(3.2)	4.4	1.2			
	5.7	2.5			
	9.4	6.2	1+00		
0+45	13.0	9.8			
50	13.2	10.0			

STA. 76+50; 0+00 = TOP RIP-RAP

Dist	Sound	Elev
0+00		
(3.3)	0.8	+2.5
	2.7	+0.6
	9.3	6.0
0+45 —	9.2	5.9
50	10.7	7.4
1+00		

5-14-58

STA. 77+00

0+00 = TOP RIP-RAP

Dist	Sound	Elev	Dist	Sound	Elev
0+00				15.4	12.2
(32)			0+70	16.6	13.4
	2.0	+1.2			
	5.2	2.0			
40	8.5	5.3			
E.R. 45	12.0	8.8			
S. 50	14.0	10.8			

STA. 77+50

Dist	Sound	Elev	Dist	Sound	Elev
0+00			0+48	15.1	11.9
			S. 50	18.0	14.8
(Dirt)	4.0	0.8		19.5	16.3
Rock	9.2	6.0	0+70	20.3	17.1
0+40	13.8	10.6			

STA 78+00

Dist	Sound	Elev	Dist	Sound	Elev
0+00				S. 20.1	16.9
			0+70	21.0	17.8
(Sand)	5.0	1.8			
Rock	3.4	0.2			
	7.8	4.6			
0+45	12.0	8.8			
R. 50	14.6	11.4			

5-14-58

STA. 78+50

Dist	Sound	Elev	Dist	Sound	Elev
0+00			R 0+44	11.4	8.2
(32)			5. 0+43 →	14.2	11.0
5.	0.6	+2.6	5. 50	14.9	11.7
R.	2.0	+1.2		17.4	14.2
	5.1	1.9	0+70	20.4	17.2
0+40	8.0	4.8			

5-15-58 STA. 77+00; 0+00 = Top R-RAP

Dist	Sound	Elev	Dist	Sound	Elev
0+00			50	14.9	10.6
(43)				16.3	12.0
	1.5	+2.8	70	17.8	13.5
	5.4	1.1			
0+40	9.8	5.5			
Top +42	9.7	5.4			
Toe +45	13.1	8.8			

STA. 77+50

Dist	Sound	Elev	Dist	Sound	Elev
0+00			60	20.4	16.1
			0+70	21.3	17.0
	2.8	+1.5			
	5.0	0.7			
0+40	13.4	9.1			
Top +42	14.6	10.3			
+45	16.8	12.5			
50	18.2	13.9			

STA. 78+00 5-15-58

Dist	Sound	Elev	Dist	Sound	Elev
0+00			+4		
(43)			50	20.2	15.9
	2.2	+2.1		21.0	16.7
	7.0	2.7	0+70	22.2	17.9
Top 0+40	11.0	6.7			
Toe +44	18.5	14.2			

STA. 78+50

Dist	Sound	Elev	Dist	Sound	Elev
0+00			Top 0+43	13.4	9.1
			~~+44~~		
	2.0	+2.3	Toe 50	16.9	12.6
	5.3	1.0		18.0	13.7
0+40	11.5	7.2	0+70	23.2	18.9

STA. 77+00 5-16-58

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(44)	1.2	+3.2			
	4.5	0.1			
0+40	10.4	6.0			
42	10.4	6.0			
45	12.9	8.5			
R 50	14.1	8.7			
S 52	15.7	11.3			
	16.4	12.0			
0+70	17.7	13.3			

STA. 77+50 — 5-16-58

Dist	Sound	Elev	Dist	Sound	Elev
0+00			44	15.1	10.7
			~~4~~		
(44)	1.2	+3.2	R 50	17.7	13.3
	7.1	2.7	S 58	20.4	16.0
				20.7	16.3
Top 0+40	13.0	8.6	0+70	21.4	17.0

STA. 78+00

Dist	Sound	Elev	Dist	Sound	Elev
0+00			Top 42	10.4	6.0
			46	14.0	9.6
	0.0	+4.4	S. 50	17.7	13.3
	4.7	0.3		21.8	17.4
0+40	8.2	3.8	0+70	22.3	17.9

STA 78+50

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
	1.7	+2.7			
S.	5.8	1.4			
0+40	11.5	7.1			
~~4~~	~~+~~				
~~4~~					
50	15.4	11.0			
	18.1	13.7			
0+70	23.6	19.2			

STA. 72+50 — 5-19-58

Dist	Sound	Elev	Dist	Sound	Elev
0+00			Top 42	11.7	7.5
(42)			Toe 47	14.0	9.8
	1.2	+3.0	50	16.0	11.8
	5.0	0.8	Sand	19.7	15.5
0+40	10.5	6.3	0+70	23.0	18.8

STA

Dist	Sound	Elev	Dist

6-20-58

ADDITIONAL CROSS SECTIONS QUIVIRA BASIN W.O. 64043 (for B.L. See MB 103 Pg 11)

STA. 91+50 SLY B/L.

Sta	+	H.I.	−	Elev	
BM.	3.41	17.50		14.09	"2x2" Hub -2+90 91+50
0			4.6	12.9	
5100			3.5	14.0	
5200			1.7	15.8	
5230			0.4	17.1	Top Levee
0+00 = -2+90 Sec Taken @ S. 30°39'38" E					
SE 100			3.2	14.3	
SE 182			2.1	15.4	Toe Access Rd
SE 190			(-2.4)	19.8	Top Access Rd
0+00 = -2+90 Sec Taken @ S. 53°09'38" E					
SE 100			3.7	13.8	
SE 193			1.8	15.7	Toe Access Rd
SE 208			(-5.8)	23.3	Top Access Rd
0+00 = -2+90 Sec. Taken @ S. 75°39'38" E					
SE 100			3.2	14.3	
SE 193			2.6	14.9	
SE 200			1.4	16.1	
SE 230			0.7	16.8	Toe Access Rd
SE 240			(-4.1)	21.6	Top S. Set C.M.B.

NOTE: For Sec's "SWLY AREA" (See MB 103, Pg's 2, 7)

STA - 2+90 ELY B/L

Sta	+	H.I.	−	Elev	
		17.50			
E 100			4.1	13.4	
E 200			3.0	14.5	
E 262			2.8	14.7	
E 280			2.0	15.5	Toe Rd.
E 294			(-2.5)	20.0	Top Shldr.
STA - 2+00 ELY B/L.					
6			4.6	12.9	
E 77			4.2	13.3	
E 100			4.6	12.9	
E 157			5.5	12.0	
E 200			4.7	12.8	
E 300			5.4	12.1	
E 327			4.9	12.6	
E 365			2.4	15.1	
E 374			0.8	16.7	
B.M.			3.41	14.09	− 14.09
B.M.	5.61	16.90		11.29	-0+38.22 = 5+29.80 P.I. Hub
STA - 1+00 ELY B/L.					
0			6.0	10.9	
E 100			6.4	10.5	
E 200			5.8	11.1	
E 300			5.6	11.3	
E 334			4.2	12.7	
E 387			1.7	15.2	
E 400			1.5	15.7	

6-23-58

STA. - 1+00

Sta	+	H.I.	-	Elev	
E430		16.90	2.0	14.9	Joe Sonsetkins
W47			5.3	11.6	
W80			5.6	11.3	
STA. 0+00 ELY B/L					
0			6.2	10.7	
E100			4.8	12.1	
E200			6.1	10.8	
E268			6.8	10.1	
E300			6.0	10.9	
E328			5.4	11.5	
E346			2.6	14.3	
E368			2.2	14.7	
E400			3.2	15.7	
E500			4.2	14.7	
E520			3.3	13.6	Joe Ed.
W42			6.0	10.9	
N80			6.0	10.9	
STA. 1+00 ELY. B/L					
0			5.6	11.3	
E100			5.5	11.4	
E156			5.7	11.2	
E200			7.2	9.7	
E250			7.0	9.9	
E300			6.2	10.7	
E317			4.0	12.9	

STA. 1+00 ELY. B/L

Sta.	+	H.I.	-	Elev	
E340		16.90	3.6	13.3	
E361			4.8	12.1	
E400			4.6	12.3	
E500			5.3	11.6	
E600			5.6	11.3	
E625			4.9	12.0	Joe Ed.
W28			5.3	11.6	
W80			5.7	11.2	
STA. 2+00 ELY. B/L					
0			6.5	10.4	
E100			5.9	11.0	
E150			5.9	11.0	
E200			7.7	9.2	
E266			6.3	10.6	
E282			3.7	13.2	
E300			3.5	13.4	
E305			3.7	13.2	
E330			4.6	12.3	
E400			4.2	12.7	
E500			5.2	11.7	
E600			5.5	11.4	
E671			5.2	11.7	
W55			5.8	11.1	
W81			5.8	11.1	

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STA 3+00 ELY. B/L

Sta	+	H.I.	-	Elev
0		16.90	6.6	10.3
E100			6.1	10.8
E130			6.0	10.9
E160			6.8	10.1
E200			6.5	10.4
E233			6.5	10.4
E245			3.8	13.1
E274			3.5	13.4
E300			4.3	12.6
E400			4.8	12.1
E500			4.7	12.2
E600			5.8	11.1
E700			6.5	10.4
E740			5.8	11.1
W61			6.6	10.3
W82			6.4	10.5

STA. 4+00; ELY. B/L

0			6.1	10.8
E100			5.2	11.7
E124			5.2	11.7
E140			6.8	10.1
E200			5.7	11.2
E215			3.9	13.0
E240			4.0	12.9
E300			4.7	12.2

STA. 4+00 ELY. B/L

Sta.	+	H.I.	-	Elev	
E400		16.90	4.7	12.2	
E500			5.6	11.3	
E600			6.0	10.9	
E685			6.6	10.3	
E700			5.9	11.0	* Toe Access Rd To Sewer Pump Sta.
W58			5.9	11.0	
W80			6.0	10.9	

STA. 5+29.80 ELY B/L (Sec @ 90° To Bk Tan)

0			5.8	11.1
E100			5.6	11.3
E200			4.5	12.4
E215			5.4	11.5
E300			5.6	11.3
E400			5.6	11.3
E500			6.3	10.6
E600			6.4	10.5
E666			6.9	10.0
E684			6.5	10.4
W90			5.2	11.7
W100			5.0	11.9

STA. 5+29.80 ELY B/L (Sec. on Split 4)

E100			5.6	11.3
E180			4.5	12.4
E188			5.5	11.4
E200			5.7	11.2

6-23-58

STA. 5+29.80 ELY. B/L (Sec. on Split 4)

Sta.	+	H.I.	−	Elev	
E300		16.90	6.0	10.9	
E400			6.2	10.7	
E500			5.7	11.2	
E600			6.4	10.5	
E622			6.2	10.7	Top Rd.

STA. 5+29.80 ELY. B/L. (Sec @ 90° To For. Tan)

E100			5.5	11.4	
E200			4.9	12.0	
E300			6.0	10.9	
E400			6.0	10.9	
E500			5.7	11.2	
E600			6.7	10.2	
E674			6.9	10.0	Top Rd.
W85			5.1	11.8	
W110			5.7	11.2	

0+34.40; NELY, B/L.

0			6.5	10.4	
E100			6.3	10.6	
E200			5.2	11.7	
E300			5.5	11.4	
E400			6.0	10.9	
E500			5.8	11.1	
E600			6.6	10.3	
E681			6.8	10.1	Top Rd.
W74			5.0	11.9	

STA 1+00 NELY. B/L

Sta	+	H.I	−	Elev	
0		16.90	6.5	10.4	
E100			6.3	10.6	
E200			5.6	11.3	
E300			5.4	11.5	
E400			5.9	11.0	
E500			6.1	10.8	
E600			6.5	10.4	
E688			6.7	10.2	Top Rd.
W75			5.3	11.6	
TP	5.21	16.50	5.61	11.29	

NOTE: No Apparent Change in Sec's To N. (See MB 103, Pg. 68)

STA. 2+00 NELY B/L

0			5.8	10.7	
W74			6.0	10.5	
W					
E500			6.4	10.1	
E558			6.6	9.9	
E600			5.6	10.9	
E645			4.7	11.8	W/4 Edge Planting

STA. 3+00 NELY B/L

0			5.2	11.3	
W79			4.8	11.7	
W					
E500			5.8	10.7	

6-23-58

STA. 3+00 NELY. B/L

Sta	+	H.I.	-	Elev	
E 515		16.50	5.5	11.0	
E 530			3.8	12.7	
E 585			3.9	12.6	W. Edge Planting

STA. 4+00 NELY. B/L

0			6.0	10.5	
W. 77			4.9	11.6	
W.					
E 500			3.3	13.2	
E 538			2.7	13.5	W. Edge Planting

STA. 5+00 NELY B/L

0			6.6	9.9	
W 77			5.1	11.4	
W					
E 500			3.1	13.4	
E 505			3.2	13.3	W. Edge Planting

STA 6+00 NELY. B/L

0			6.3	10.2	
W 52			6.3	10.2	
W 78			4.9	11.6	
E 400			2.9	13.6	
E 442			2.5	14.0	W. Edge Planting

STA. 7+00 NELY B/L

0			6.0	10.5	
W 39			5.4	11.1	
W 77			4.8	11.7	

STA. 8+00 NELY. B/L

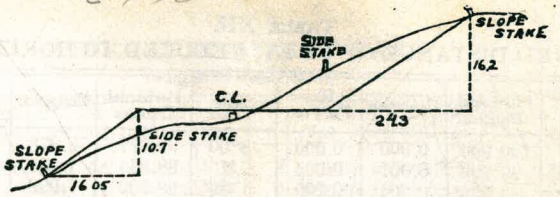
Sta.	+	H.I.	-	Elev	
0		16.50	6.3	10.2	
W 34			5.4	11.1	
W 76			4.4	12.1	
P.			5.90	10.60	8+50

NOTE: For NELY. Sec's See MB 103 66-67

For NLY SEC's See MB 103 64-66

IMPROVED TABLES
AND
INFORMATION

- 2+90



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ 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

Computed by L. Leland Locke.

13+90 = 50' W = Rad. Pt.

16+90 = P.I. N.W

80+21 11 = 16+53 26 NELY P.I.

-0+38 22 = 5+29 80 P.I. NE

-2+90 = 91+50 SLY B/L. P.I

70+00 = -2+90 SWLY P.I.

6+60 = 50' W. = Rad. Pipe

M. H. 11