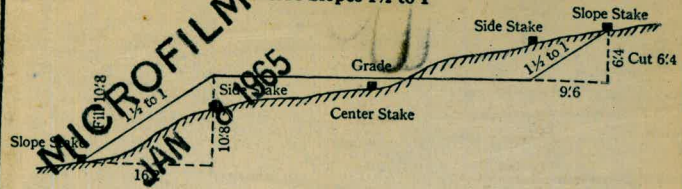


**DISTANCES FROM STAKE STAKES FOR CROSS-SECTIONING**

MICROFILMED  
JAN 10 1965

roadway of any Width  
 Side Slopes 1½ to 1



In the figure above: Opposite 6 under "Cut or Fill" and under .4 read 9/6 the distance from the side stake to the slope stake at right. Opposite 10 under "Cut or Fill" and under .8 read 16/2, the distance from the side stake to the slope stake at the left.

Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

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PAGES

INDEX

DATE

1-11 BASELINES FOR X-SEC'S & SOUNDINGS WLY. OF HI-WAY 101 8-3-56

12-

NOTE: For additional Sounding Notes See

M. Bay Field Books No 91, 92, 93, 94

BASELINE LAYOUT FOR CROSS SECTIONS 5 &  
SOUNDINGS OF AREA WLY OF HI-WAY 101

W.O. 64501

PORTOLA  
ISLAND

CONSTANT  
POINT

VISCAINA  
INLET

N. 11000

N. 12° 12' 51" E

T.A. Stamprey  
Baseline 50' West  
of E. Hi-Way

N. 10418.53  
W. 6968.25

Ec.

N. 10000

N. 9841.63 = F. 150' West  
W. 7144.28 Set 2x 2 Hub

Baseline 50' West  
of E. Hi-Way

N. 9274.95  
W. 6943.86

B.C.

Set P.K. Nail

N. 9,000.00  
W. 6,856.80

Set Part Nail

N. 79° 43' 44" W  
1076' 16" N. 9,000

128°

3295.205'

S. 17° 34' 14" E  
Baseline 50' West  
of E. Hi-Way 101

S. 88° 51' 39" E  
Baseline 50' West  
of E. Hi-Way 101

N. 8000

N. 51° 53' 08" E

- 1. 65° 23'
- 2. 130° 46'
- 6. 392° 18'

"Alpa"

N. 6966.10  
W. 9449.20

Calc. - 65° 22' 58"  
Td. - 65° 23' 00"

S. 62° 43' 54" E  
To Morsters Tower

6" Conc.  
Mott.

N. 7000

W. 11000

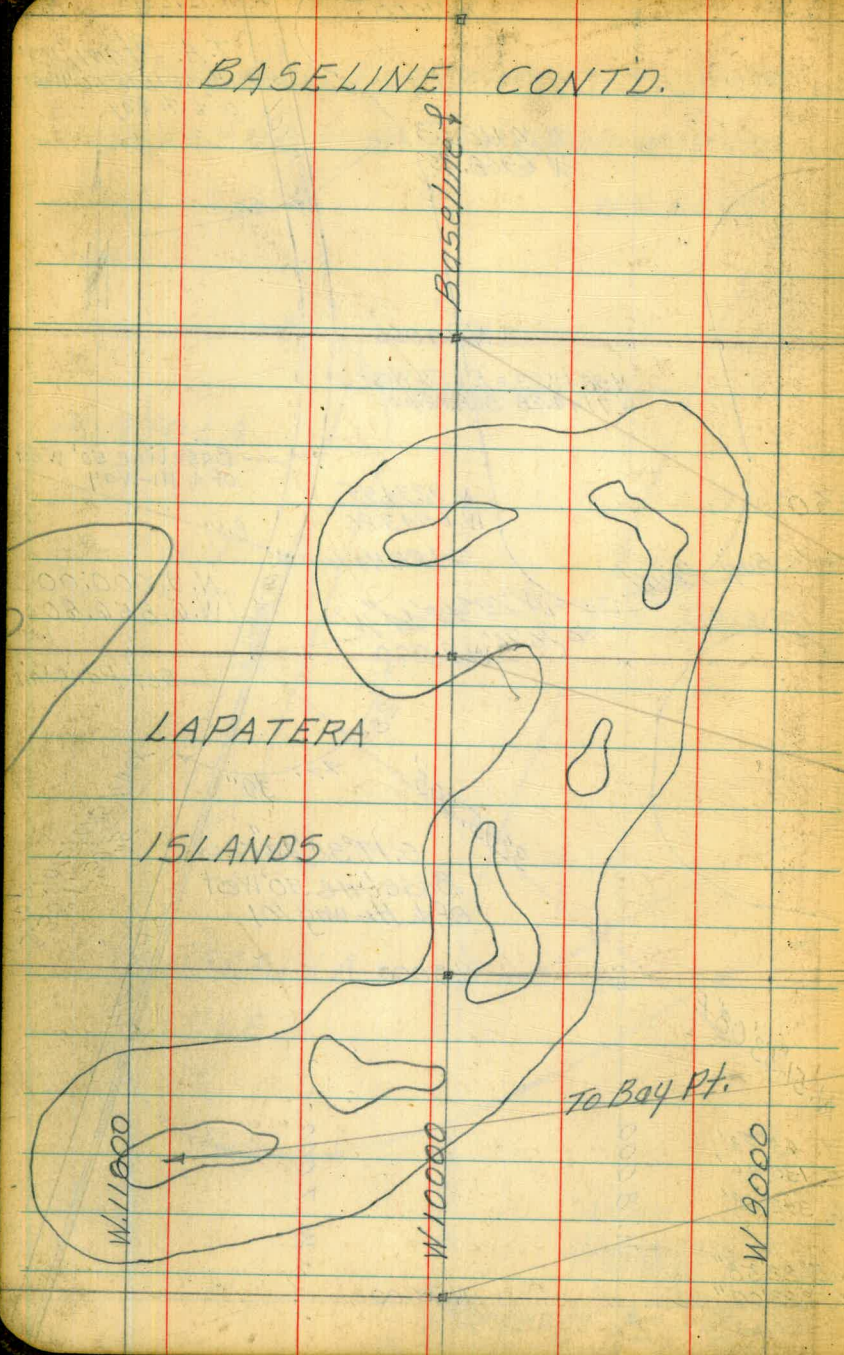
W. 10000

W. 9000

W. 8000

W. 7000

BASELINE CONTD.



N. 15000

N. 14000

N. 13000

N. 12000

N. 11000

Baseline

$580^{\circ}39'43''$   
9057.34

W 8000

W 7000



Set spike

N. 1302320  
W. 6404.42

3 1/2 Below Ground  
NO N.  
MORENA  
N. 1208537  
W. 6373.96

245.34

Set Hub  
& Disk

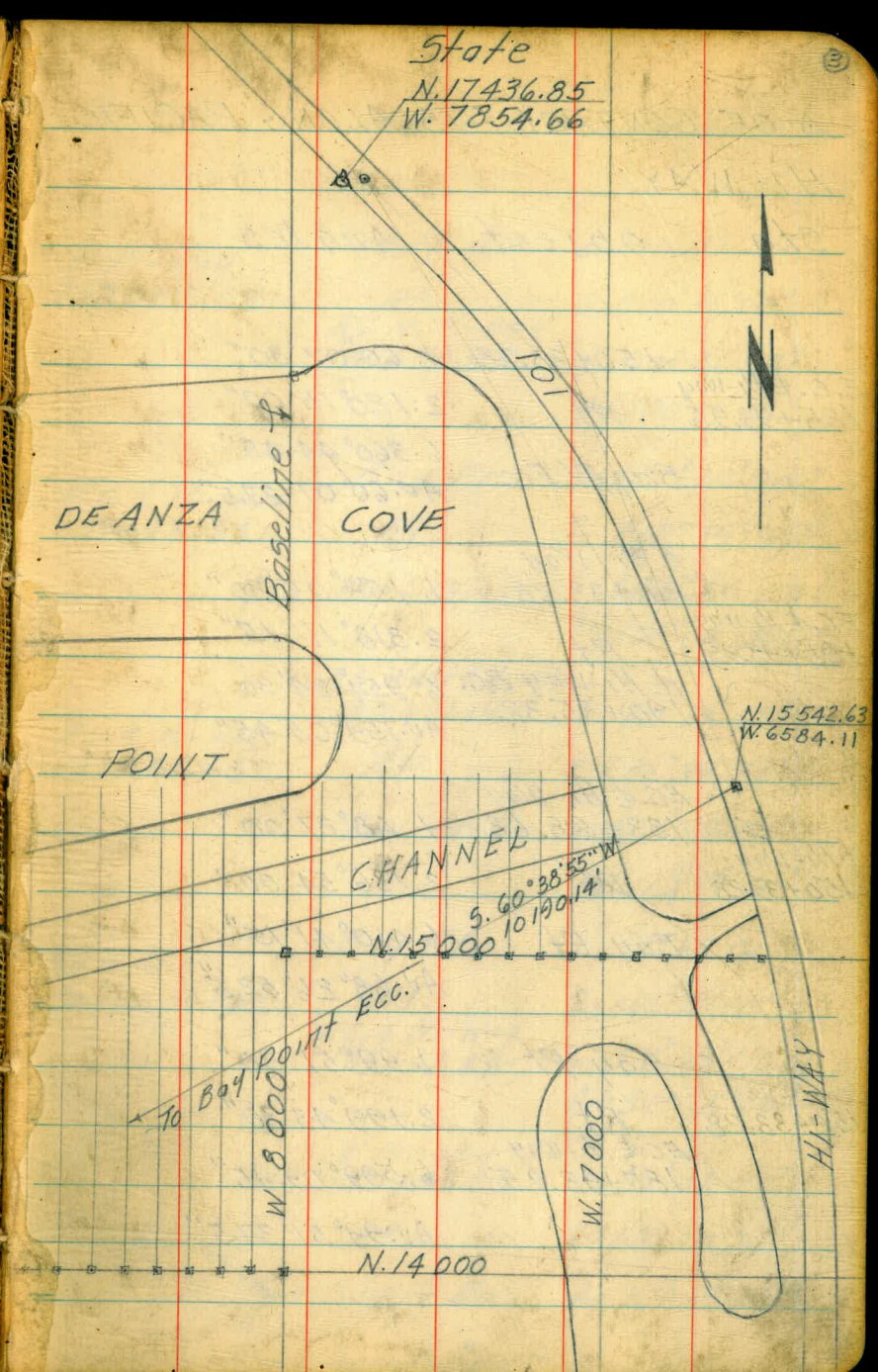
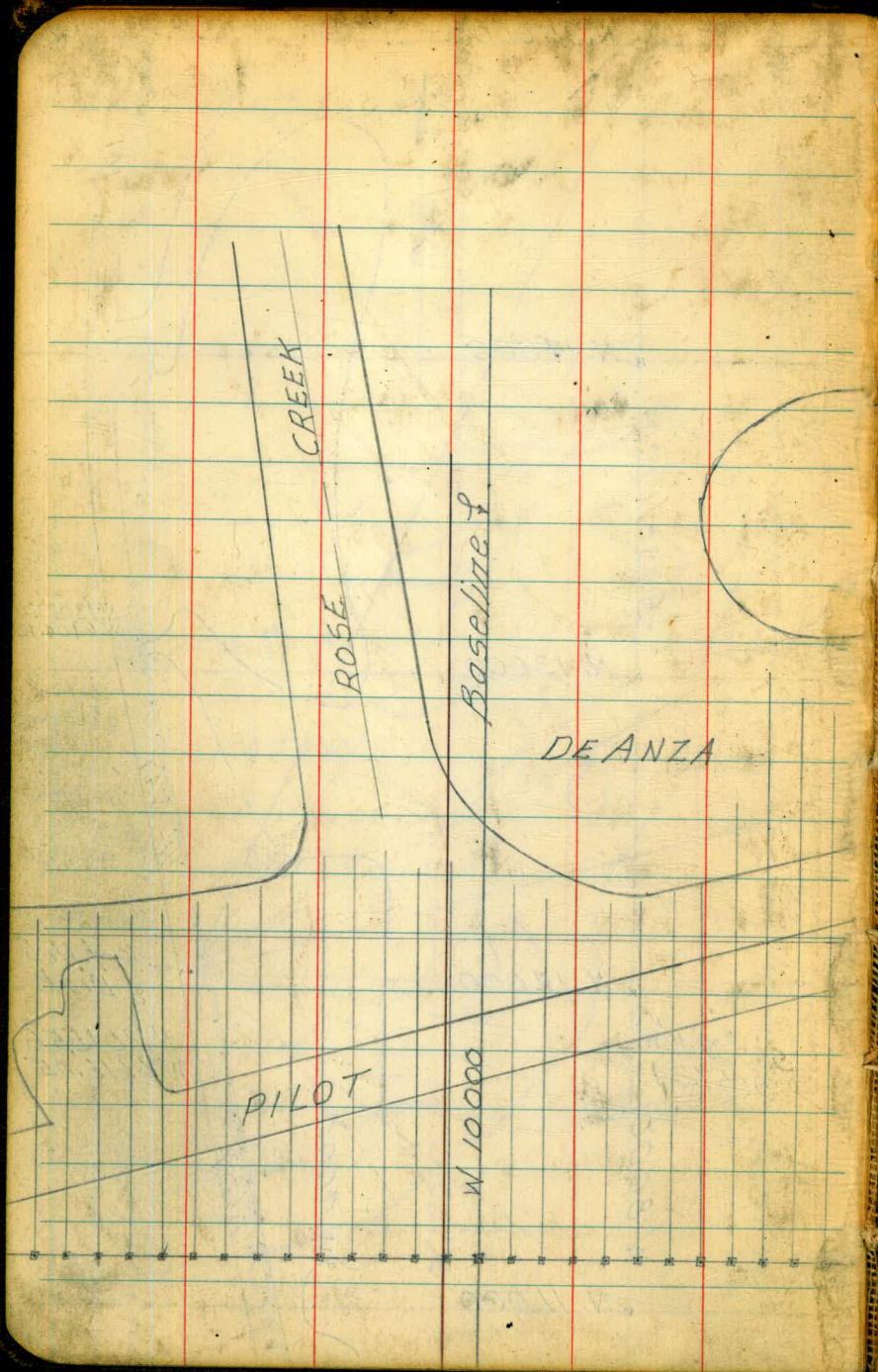
N. 1204556  
W. 6616.05

H.W. WAY

101

63

N. 1207219.7  
W. 662.71



Δ OF CONTROL PTS ALONG PACIFIC

HI-WAY

Sta	object	Angles
E.C. & Hi-Way 185+93.95	RT	1. 60° 07' 30" 2. 120° 15' 00" 6. 360° 44' 45" AV. 60° 07' 27.5"
Bay Pt. Ecc.		
& Hi-Way 150+33.28	RT	1. 159° 05' 30" 2. 318° 11' 15" 6. 954° 34' 30" AV. 159° 05' 45"
E.C. & Hi-Way 185+93.95	RT	
& Hi-Way B.C. 190+35.32		
EC. & Hi-Way 133+68.68	RT	1. 68° 27' 00" 2. 136° 54' 00" 6. 410° 41' 15" AV. 68° 26' 52.5"
Bay Pt.		
Bay Pt		1. 99° 51' 30" 2. 199° 43' 30" 6. 599° 09' 45" AV. 99° 51' 37.5"
& Hi-Way 150+33.28	RT	
EC & Hi-Way 185+93.95		

Sta. object Angles

& Hi-Way 150+33.28	Bay Pt. Ecc.	1. 100° 07' 30" 2. 200° 15' 00" 6. 600° 46' 00" AV. 100° 07' 40"
	RT	
	E.C. & Hi-Way 185+93.95	
E.C. & Hi-Way 133+68.68	Bay Pt	1. 101° 10' 00" 2. 202° 19' 30" 6. 606° 59' 00" AV. 101° 09' 50"
	RT.	
	150+33.68	
	25' West & Hi-Way 90+91.19 M.	1. 104° 19' 45" 2. 208° 39' 30" 6. 625° 59' 00" AV. 104° 19' 50"
EC. & Hi-Way 133+68.68	RT.	
	Bay Pt	
25' W. of E 90+91.19 P.O.T. P.K.	Bay Pt.	1. 52° 35' 00" 2. 105° 10' 00" 6. 315° 30' AV. 52° 35' 00"
	RT.	
	EC. & Hi-Way 133+68.68	
	& Hi-Way 150+33.28	1. 27° 12' 00" 2. 54° 24' 30" AV. 27° 12' 15"
Bay Pt.	RT	
	Bay Pt Ecc.	

5. 72° 08' 02" E - Dist - 91.64'

TRIANGULATION CONTD

7-18-56

⑤  
Stamper  
Huffman  
Blunt  
Ketty

Sta	object	Angles
	150+33.28	1. 10° 23' 15"
Bay Point	Rt.	2. 20° 46' 30"
	E.C. & Hi-Way.	
	133+68.68	6. 62° 19' 45"
		AV. 10° 23' 17.5"
	133+68.68	1. 23° 05' 00"
Bay Point	Rt.	2. 46° 10' 00"
	25' West & Hi-way	
	90+91.19 P.O.T.	6. 138° 30' 00"
		AV. 23° 05' 00"
	Bay Pt.	1. 48° 17' 30"
90+91.19 P.O.T.	Rt.	2. 96° 35' 00"
	25' West & Hi-way	
	B.C. 122+	6. 289° 46' 30"
		AV. 48° 17' 45"
	185+93.95	1. 19° 44' 45"
Bay Point Ecc.	Rt.	2. 39° 29' 30"
	150+33.28	6. 118° 28' 30"
		AV. 19° 44' 45"
	Marston	1. 33° 26' 00"
90+91.19	Rt.	2. 66° 51' 30"
	25' West & Hi-way	6. 200° 34' 00"
	72+00 P.O.T.	AV. 33° 25' 40"



CONTROL CUT OFF ANGLES FROM.

← HI-WAY STA 150+34.01

Sta.	object	Angle	Bearing
	✓ 8000 W 100+00 N	46°34'52"LT	534°04'51"W
	✓ 10000 W 100+00 N	21°48'52"LT	558°50'51"W
150+34.01			580°39'43"W To Bay Pt = 0°00'
	✓ 8000 W 110+00 N	27°43'57"LT	552°55'46"W
	✓ 10000 W 110+00 N	7°49'55"LT	572°49'48"W
	✓ 8000 W 120+00 N	7°27'09"RT	588°06'52"W
	✓ 10000 W 120+00 N	8°34'00"RT	589°13'43"W
	✓ 8000 W 130+00 N	43°55'48"RT	N 55°24'29"W
	✓ 10000 W 130+00 N	25°05'21"RT	N 74°14'56"W
	✓ 8000 W 140+00 N	64°02'09"RT	N 35°18'08"W
	✓ 10000 W 140+00 N	39°20'49"RT	N 59°59'28"W
	✓ 8000 W 150+00 N	74°14'17"RT	N 25°06'00"W

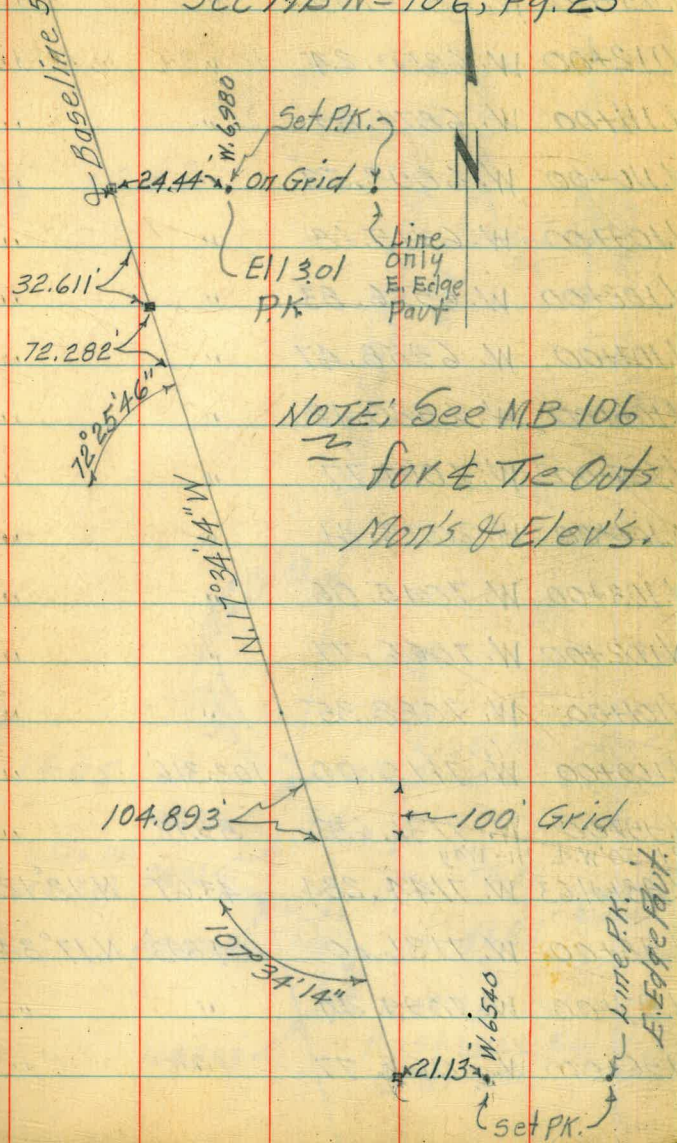
BASELINE WLY OF & OF HI-WAY 101 FOR  
CROSS SECTIONS & SOUNDINGS NO. 64501

Sta.	Dist	Bearing
N.96+00	W. 7067.77	104.893 N. 17° 34' 14" W
N.95+00	W. 7036.11	" "
N.94+00	W. 7004.44	" "
N.93+00	W. 6972.78	32.611 "
B.C. Conc. Mort. N.92+68.91	W. 6962.93	72.282 "
N.92+00	W. 6941.11	104.893 "
N.91+00	W. 6909.45	" "
N.90+00	W. 6877.78	" "
N.89+00	W. 6846.12	" "
N.88+00	W. 6814.45	" "
N.87+00	W. 6782.79	" "
N.86+00	W. 6751.12	" "
N.85+00	W. 6719.46	" "
N.84+00	W. 6687.79	" "
N.83+00	W. 6656.13	" "
N.82+00	W. 6624.46	" "
N.81+00	W. 6592.80	" "
N.80+00	W. 6561.13	104.893 N. 17° 34' 14" W

(Cont'd South Pg. 64)

T.A. Stamper

NOTE: For & of Hi-Way Ties W/ly.  
See MB No 106, Pg. 23



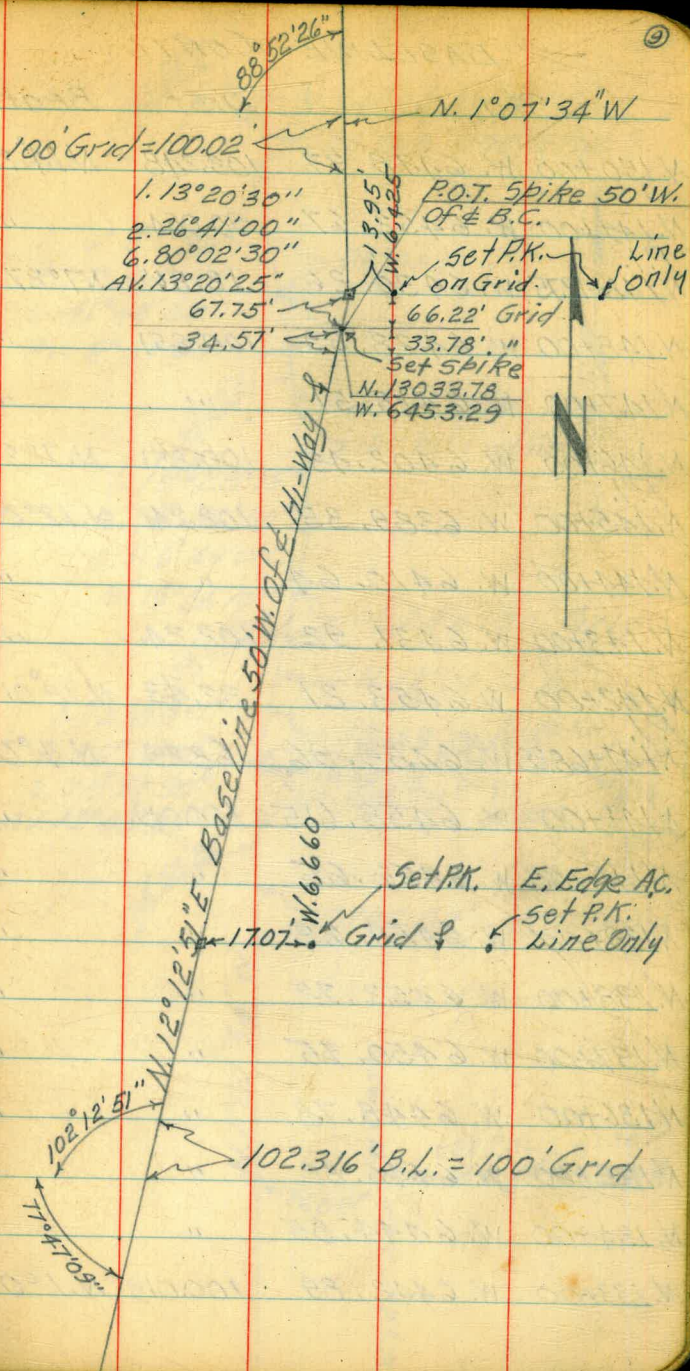


BASELINE CONTD.

Sta.	Dist	Bearing
N.133+00 W. 6442.89	100.019'	N. 1° 07' 34" W
N.132+00 W. 6440.92	"	"
N.131+00 W. 6438.95	102.316	N. 12° 12' 51" E
N.130+00 W. 6460.60	"	"
N.129+00 W. 6482.25	"	"
N.128+00 W. 6503.89	"	"
N.127+00 W. 6525.54	"	"
N.126+00 W. 6547.19	"	"
N.125+00 W. 6568.83	"	"
N.124+00 W. 6590.48	"	"
N.123+00 W. 6612.13	"	"
N.122+00 W. 6633.77	"	"
N.121+00 W. 6655.42	"	"
N.120+00 W. 6677.07	"	"
N.119+00 W. 6698.71	"	"
N.118+00 W. 6720.36	"	"
N.117+00 W. 6742.01	"	"
N.116+00 W. 6763.65	"	"
N.115+00 W. 6785.30	"	"
N.114+00 W. 6806.95	102.316'	N. 12° 12' 51" E

Def. 4

Lt. 13° 20' 25"



BASELINE CONTD.

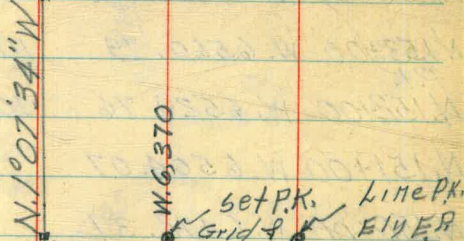
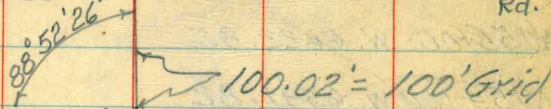
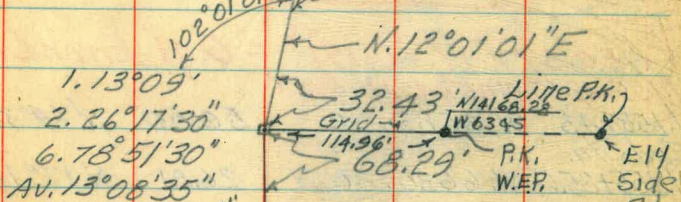
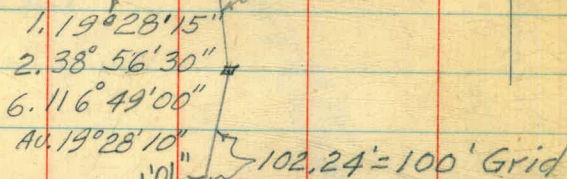
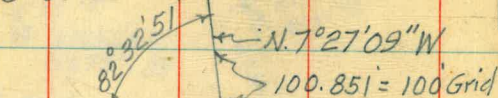
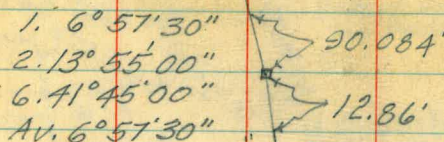
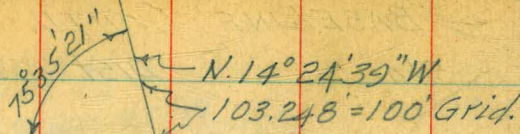
Sta.	Dist	Bearing
N.150+00 W. 6478.37	103.248	N.14°24'39"W
N.149+00 W. 6452.67	90.084	"
P.I. N.148+12.75 W. 6430.26	12.86'	N7°27'09"W
N.148+00 W. 6428.59	100.851	"
N.147+00 W. 6415.51	"	"
N.146+00 W. 6402.43	100.851	N.7°27'09"W
P.I. N.145+00 W. 6389.35	102.24	N.12°01'01"E
N.144+00 W. 6410.64	"	"
N.143+00 W. 6431.92	102.24	"
N.142+00 W. 6453.21	32.43	N.12°01'01"E
P.I. N.141+68.28 W. 6459.96	68.29	N.1°07'34"W
N.141+00 W. 6458.615	100.019	"
N.140+00 W. 6456.65	"	"
N.139+00 W. 6454.68	"	"
N.138+00 W. 6452.72	"	"
N.137+00 W. 6450.75	"	"
N.136+00 W. 6448.78	"	"
N.135+00 W. 6446.82	"	"
N.134+00 W. 6444.85	"	"
N.133+00 W. 6442.89	100.019	N.1°07'34"W

Def. 4

Lt. 6°57'30"

Lt. 19°28'10"

Rt. 13°08'35"



Line Pk. W.6345  
PK. W.E.P. E14 Side Rd.

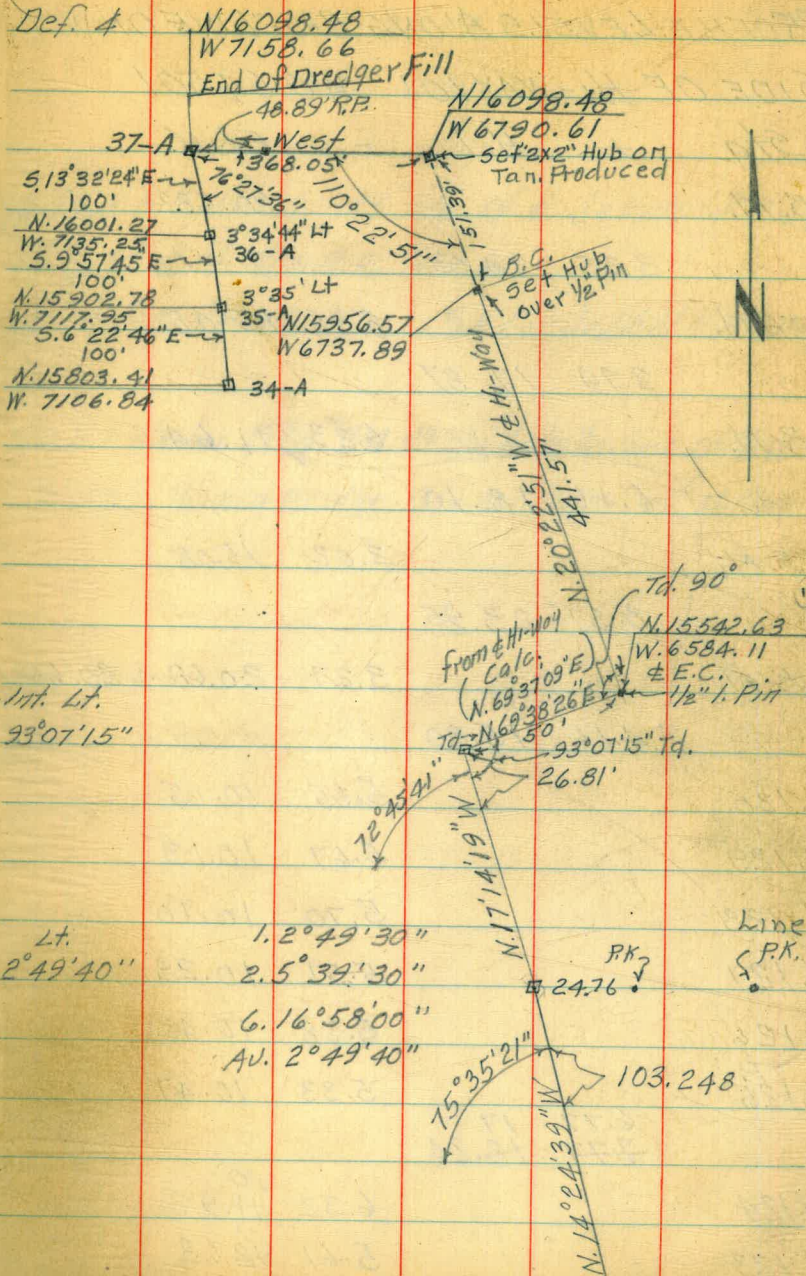
set Pk. Line Pk. E14 E.P.

BASELINE CONTD.

Sta. Dist Bearing

$\sqrt{(+0.37)^2 + (-0.19)^2} = 0.41$  Error Closure  
 N. 155+42.63 W. 6584.11 Rec  
 N. 155+43 W. 6583.92 50.00 N. 69°38'26"E  
 End Sta.  
 N. 155+25.61 W. 6630.80 26.81 N. 17°14'19"W  
 N. 155+00 W. 6622.85  
 N. 154+00 W. 6591.82  
 N. 153+00 W. 6560.79 104.703  
 P.I.  
 N. 152+00 W. 6529.76 103.248 N. 14°24'39"W  
 N. 151+00 W. 6504.07  
 N. 150+00 W. 6478.37

Def. 4



PROFILE LEVELS ALONG BASELINE ON WLY

SIDE OF HI-WAY 101 WO 64501

Sta	+	H.I.	-	Elev
B.M.				20.682
	3.35	24.03		
T.B.M.			8.95	15.08
	2.79	17.87		
B.M.			6.23	11.64
	6.46	18.10		
T.B.M.			3.02	15.08
	8.87	23.95		
B.M.			3.27	20.68 ~ 20.682
	4.16	15.80		
N. 130			5.65	10.15
N. 129			5.67	10.13
N. 128			5.70	10.10
N. 127			5.51	10.29
N. 126			5.38	10.42
<sup>TP</sup> N. 125			5.33	10.47
	6.77	17		
	7.77	18.24		
N. 124			6.32	<sup>10</sup> 11.92
N. 123			5.61	12.63

Ref. M. Bay F.B. N° 63

(12)

8-21-56

U.S.C. & G.S. D-132; 25' 5/4" of E. Jellet St. & 4th  
Ely. of E. of Wly. R.R. Track.

Set P.K. P.P. N° 33 SE Cor Jellet & Hi-way 101

Bolt & Washer Mk'd. B.M. N° 19a State Hi-way on E. E.  
Hdwall Hi-way Bridge Sta. S.D. 160+75 (Elev. 2.60)

D-132

PROFILE LEVELS CONTD

8-21-56

(13)

Sta	+	H.I.	-	Elev
		<sup>17</sup> 78.24		
N.122			5.29	<sup>11</sup> 72.95
N.121			5.45	<sup>11</sup> 72.79
N12045.56				<sup>13</sup>
W 6616.05			3.38	<del>74.86</del>
N.120			4.81	<sup>12</sup> 73.43
N.119 <sup>TP</sup>			5.13	<sup>12</sup> 73.11
	4.58	<sup>16</sup> 77.69		
N118			4.98	<sup>11</sup> 72.71
N117			5.02	<sup>11</sup> 72.67
N116			5.28	<sup>11</sup> 72.41
N115			5.81	<sup>10</sup> 71.88
N114			5.90	<sup>10</sup> 71.79 ✓
N113 <sup>TP</sup>			6.13	<sup>10</sup> 71.56
	4.86	<sup>15</sup> 76.42		
N112			4.99	<sup>10</sup> 71.43
N111			5.24	<sup>10</sup> 71.18
N110			5.55	<sup>9</sup> 70.87
N109			5.44	<sup>9</sup> 70.98
N108			5.24	<sup>10</sup> 71.18
N107 <sup>TP</sup>			4.61	<sup>10</sup> 71.81
	6.34	<sup>17</sup> 78.15		

"2x2" Hub & Hi-way 101



PROFILE LEVELS CONTD

8-21-56

(24)

Sta	+	H.I.	-	Elev
		17 48.15		
N.106			6.04	<sup>11</sup> 72.11
N.105			6.31	<sup>10</sup> 74.84
N.104			5.32	<sup>11</sup> 72.83
N.103			5.08	<sup>12</sup> 73.07
N.102 <sup>TP</sup>			4.57	<sup>12</sup> 73.58
	2.41	<sup>14</sup> 75.99		12.42 8-21-57
N.101			8.36	<sup>6</sup> 77.63
N.100			9.55	<sup>5</sup> 76.44
N.99			8.38	<sup>6</sup> 77.61
N.98 <sup>TP</sup>			8.35	<sup>6</sup> 77.64
T.B.M.			1.94	13.05 ~ 13.06
	5.10	11.74		
N.98			5.08	6.66
N.97			5.21	6.53
N.96			5.20	6.54
N.95			5.10	6.64
N.94 <sup>TP</sup>			4.89	6.85
	5.56	12.41		
N.93			5.20	7.21
P.O.T. N.92+68 <sup>91</sup>			4.77	7.64

Run-over by "Cat"

P.I. Hub

"2x2" Hub Sta. N.101 F.b. M. Bay No 63 Pg 38

Top State Hi-way Conc. Mon (on Nail)

PROFILE LEVELS CONTD

8-23-56

15

Sta	+	H.I	-	Elev
		12.41		
N92			4.28	8.13
N91			5.10	7.31
N90 <sup>TP</sup>			4.26	8.15
	5.98	14.13		
N.89			5.88	8.25
N.88			6.35	7.78
N.87			5.61	8.52
N.86			5.46	8.67
N.85 <sup>TP</sup>			4.98	9.15
	8.89	18.04		
N.84			8.70	9.34
N.83			8.56	9.48
N.82			7.86	10.18
N.81			4.27	13.77
TP.			4.13	13.91
	5.58	19.49		
N.80			8.25	11.24
B.M.			5.70	13.79 ~ 13.75

(Top Post)

Top B.P. & Top Colu. Hd wall E. Side Hi-way 101  
 Br. No 57-144 Mkd. A-13a Elev 4.74 + 9.01  
 & Hi-way Sta. 113+50 ± = 13.75 M.L.L.W.

CROSS SECTIONS FROM HI-WAY 101  
BASELINE WLY W.O. 64501

STA N. 99+00; 0+00 = W 7,131.65

Sta + H.I - Elev

B.M. 6.61

9.21 15.82

0 9.2 6.6

E 62 6.6 9.2

E 78 1.7 14.1

E 80 1.84 13.98

W 32 9.5 6.3

W 33 11.3 4.5

W 50 12.6 3.8

(Contd M.B. 91, pg. 5)

8-17-56

16

Top Hub. 99+00

TOP A.C.

8-27-56

⑫

N. 100+00; 0+00 = W7110.00

579 + H.1 - E/ev

0 1582 10.4 5.4

E 7 9.8 6.0

E 9 8.3 7.5

E 42 3.0 12.8

E 58 1.75 14.07

W 27 (Cont'd MB96, P. 6) 11.8 4.0

N. 101+00; 0+00 = W7088.35

0 9.2 6.6

E 5 8.7 7.1

E 19 3.0 12.8

E 40 2.00 13.82

W. 42 11.7 4.1

N. 102+00; 0+00 = W7066.71

0 3.3 12.5

E 27.5 2.35 13.47

W 3 3.0 15.8 12.8

W. 14 9.3 6.5

W 61 (Cont'd MB91, P. 13) 11.7 4.1

T.P. 3.26 12.56 12.58

2.03 14.61

Top Shoulder

Top A.C.

E.P.

E.P.

N. 103+00; 0+00 = W7045.06

8-27-56

(18)

Sta	+ H.I	- Elev
-----	-------	--------

0	14.61	2.5 12.1
E 18 <sup>5</sup>		1.14 13.47
W. 4		2.3 12.3
W 15		7.7 6.9
W 47		10.2 4.4

EP.  
Top Shoulder  
Toe

N. 104+00; 0+00 = W7023.41

0		2.7 11.9
E 15		1.76 12.85
W. 4		2.6 12.0
W 12		8.2 6.4
W. 35 (Corrid N.B. 9, P. 9, 17)		10.2 4.4

EP.  
Top Shoulder  
Toe

N. 105+00; 0+00 = W7001.77

0		2.9
E 14 <sup>5</sup>		2.12 12.49
W. 5		7.9 6.7
W 25		10.1 4.5

Top  
EP.  
Toe

N. 106+00; 0+00 = W 6980.12  
Sta + H. 1 - Elev  
14.61

0	3.4	11.2
E. 14	2.54	12.07
W. 7	3.2	11.4
W. 13	7.3	7.3
W. 54 (Contd MB91 Pg 21)	10.1	4.5

N. 107+00; 0+00 = W 6958.47

0	3.7	10.9
E. 14 <sup>5</sup>	2.98	11.63
W. 3	3.5	11.1
W. 11	8.2	6.4
W. 32	10.1	4.5

(see Baseline Pg. 8)  
N. 107+19 - Begin Cobblestone Ret Wall

0	3.9	10.7
E. 14	3.05	11.56
W. 8	4.0	10.6
W. 11	8.6	6.0
W. 28	10.0	4.6

8-27-56

(13)

EP  
Top Shoulder  
Toe

EP.  
Top Shoulder  
Toe

EP.  
Top Wall  
Toe "

N. 108 + 00; 0+00 = W 6936.83

Sto. + H.1 - Elev

0 14.61 4.4 10.2

E 14 3.50 11.11

W. 8 4.3 10.3

W. 11 9.8 4.8

W. 17 (cont'd MB91, Pg. 30) 10.0 4.6

N. 109 + 00; 0+00 = W 6915.18

0 4.6 10.0

E 14 3.83 10.78

W. 7 4.5 10.1

W. 10 9.8 4.8

W. 15 10.0 4.6

N. 110 + 00; 0+00 = W 6893.53

0 4.79 9.82  
4.8 9.7

E 14 3.72 10.89

W. 7 4.5 10.1

W. 10 9.1 5.5

W 24 (cont'd MB91, Pg. 34) 10.0 4.6 11.05

T.P. 4.79 10.82

EP

Top Wall

Toe "

EP

Top Wall

Toe "

EP

Top Wall

Toe "

LEVELS FOR CROSS SECTIONS OF  
MISSION BAY PROJ. NO. 64501

Sta	+	H.I.	-	Elev
B.M.				13.79
	1.70	15.49		
TP.			6.09	9.40
	3.98	13.38		
T.B.M.			5.21	8.17
	4.96	13.13		
TP.			5.68	7.45
	4.99	12.44		
TP.			5.90	6.54
	4.94	11.48		
T.B.M.			5.20	6.28
	4.52	10.80		
TP.			3.94	6.86
	4.10	10.96		
T.B.M.			5.38	5.58
	4.46	10.04		
T.B.M.			4.16	5.88
	4.16	10.04		
TP.			4.46	5.58

8-30-56

(2)  
Stamper  
Huffman  
Blunt  
Kelley

(see pg. 15)

B.P. & Top E. Culv. Hd'wall. Hi-way 101

Bridge No 57-144; & Hi-way Sta. 113+50±

Top 2x2" Hub Sta N 80+00; W. 8,000

Top 2x2" Hub Sta N 80+00; W. 10,000

Top 2x2" Hub Sta N 85+00; W. 10,000

Top 2x2" Hub Sta N 90+00; W. 10,000

Top 2x2" Stake Sta N 97+00; W. 10,000



PROFILE LEVELS CONTD.

Sta	+	H.I.	-	Elev
T.B.M.				5.58
	5.80	11.38		
T.B.M.			5.41	5.97
	4.60	10.57		
T.B.M.			5.04	5.53
	5.04	10.57		
T.P.			4.60	5.97
	5.63	11.60		
T.B.M.			5.37	6.23
	5.95	12.18		
			4.51	7.67
T.P.			5.07	7.11
	7.51	14.62		
B.M.			0.86	13.76 ~ 13.79

8-30-56

(22)

Sta. N. 90+00; W. 10,000

Top "2x2" Hub N. 90+00; W. 9,000

{ Top "2x2" Hub N. 9600 ± W 9000 ± (Opp Sign)  
 { 80' ± S1/4 of S1/4 on line to N. 9000; W 9,000

Top "2x2" Hub N. 90+00; W. 8,000

Top "2x2" Stake N. 85+00; W. 8,000 (Side Shot)

Starting bench (see Pg. 21)

(Contd from Pg 34)

✓ N. 90+00; 0+00 = W. 8,900

Sta	+	H.I	-	Elev
TBM.	5.90	12.13		6.23
0			5.9	6.2
E 100			5.9	6.2
E 200			5.7	6.6
E 291			5.6	6.5
E 292			7.7	4.4
E 345			7.5	4.6
E 348			5.5	6.6
E 369			5.2	6.9
E 373			7.3	4.8
E 381			7.6	4.5
E 385			5.5	6.6
E 400			5.1	7.0
E 431			5.3	6.8
E 433			7.4	4.7
E 443			7.3	4.8
E 446			5.1	7.0
E 481			5.5	6.6
E 485			7.0	5.1
E 489.			5.3	6.8

8-30-56

(23)

Top Hub. Sta. N. 9,000; W 8,000

N. 90+00; CONTD 8-30-56

Sta	+	H.I	-	Elev
		12.13		
E498			5.4	6.7
E500			6.7	5.4
E506			6.5	5.6
E508			4.8	7.3
E540			5.3	6.8
E550			6.7	5.4
E558			4.8	7.3
E600			5.1	7.0
E700			4.8	7.3
E800			4.4	7.7
E900			5.0	7.1
E1000			5.1	7.0
E1100 (Contd Pg. 32)			5.2	6.9

✓ N. 88+00; 0+00 = W 6900  
(Contd from Pg. 34) ✓

(24)

Sta	+	H.I	-	Elev
0		12.13	4.8	7.3
W100			4.8	7.3
W200	71		4.6	7.5
W300	72		4.8	7.3
W400	73		4.9	7.2
W500	72		4.8	7.3
W587	7487		4.7	7.4
W592	7492		6.7	5.4
W597	7497		4.9	7.2
W600	75		4.7	7.4
W700	76		5.0	7.1
W800	77		5.3	6.8
W900	78		5.3	6.8
W1000	79		5.4	6.7
W1100	80		5.9	6.2

(Contd Pg. 31)

T.B.M. 5.90 6.23 (See Pg. 23)

contd from Pg. 34  
 ✓ N. 86+00, 0+00 = W. 8,000 8-31-56

Sta	+	H.I	-	Elev
B.M.	5.55	13.22		7.67
0			6.0	7.2
E 5			6.0	7.2
E 12			7.3	5.9
E 20			7.3	5.9
E 30			5.1	8.1
E 100	79		6.3	6.9
E 200	78		5.7	7.5
E 300	77		6.0	7.2
E 400	76		5.9	7.3
E 500	75		6.2	7.0
E 600	74		6.1	7.1
E 700	73		5.9	7.3
E 800	72		5.4	7.8
E 900	7100		5.5	7.7
E 1000	70		5.8	7.4
E 1100			5.7	7.5
E 1200			5.3	7.9

(Contd Pg. 30)

contd from Pg. 33  
 ✓ N. 84+00, 0+00 = W. 6,700

(25)

Sta	+	H.I	-	Elev
0		13.22	4.0	9.2
W 100	68		4.9	8.3
W 200	69		4.8	8.4
W 300	70		5.3	7.9
W 400	71		5.1	8.1
W 500	72		5.1	8.1
W 600	73		5.3	7.9
W 700	74		5.5	7.7
W 800	75		5.8	7.4
W 900	76		5.6	7.6
W 1000	77		5.8	7.4
W 1100	78		5.3	7.9
W 1200	79		5.4	7.8
W 1300	80		6.0	7.2

(Contd Pg. 29)

(Contd from Pg. 33)  
VN. 82+00; 0+00 = W. 8,000 8-31-56

Sta	+	H.I.	-	Elev
0		13.22	5.2	8.0
E 100	79		5.0	8.2
E 200	78		5.4	7.8
E 300	77		5.3	7.9
E 400	76		5.2	8.0
E 500	75		5.1	8.1
E 600	74		4.9	8.3
E 700	73		4.8	8.4
E 800	72		4.8	8.4
E 900	71		4.5	8.7
E 1000			4.1	9.1
E 1100			3.7	9.5
E 1200			3.5	9.7
E 1300 (Contd Pg. 28)			3.4	9.8
<del>N 82+00;</del>				

(Contd from Pg. 33)  
N. 80+00; 0+00 = W. 6,600

(26)

Sta	+	H.I.	-	Elev
0		13.22	2.0	11.2
W 100	67		2.2	11.0
W 200	68		3.7	9.5
W 300	69		3.4	9.8
W 400	70		3.9	9.3
W 500	71		4.4	8.8
W 600	72		4.4	8.8
W 700	73		4.4	8.8
W 800	74		4.7	8.5
W 900	75		4.6	8.6
W 1000	76		4.8	8.4
W 1100	77		4.9	8.3
W 1200	78		5.1	8.1
W 1300	79		5.2	8.0
W 1400	800		5.2	8.0
TBM.			5.08	8.14 ~ 8.17

(Contd Pg 27)

✓ N. 80+00; 0+00 = W. 8,000 8-31-56

cont'd. from P. 26

Sta	+	H.I	-	Elev
TBM.	4.68	12.85		8.17
0	8000		4.8	8.0
W. 100	81		5.0	7.8
W. 200	82		5.0	7.8
W. 300	83		5.1	7.7
W. 400	84		4.9	8.0
W. 500	85		4.7	8.1
W. 600	8600		4.6	8.2
W. 696	8696		4.8	8.0
W. 700	8700		7.8	5.0
W. 735	8735		9.8	3.0
W. 741	8741		5.1	7.7
W. 800	8800		5.1	7.7
W. 900	8900		5.6	7.2
W. 1000	9000		5.0	7.8
W. 1100			5.7	7.0
W. 1200			5.8	7.0
W. 1300			6.2	6.6
W. 1400			5.8	7.0
W. 1500			6.6	6.2
W. 1600			5.6	7.2

N. 80+00

(27)

Sta	+	H.I	-	Elev
W. 1672		12.85	5.8	7.0
W. 1677			8.0	4.8
W. 1682			7.9	5.0
W. 1684			5.9	7.0
W. 1700			6.7	6.1
W. 1784			7.0	5.8
W. 1792			10.0	2.8
W. 1813			9.8	3.0
W. 1816			6.5	6.3
W. 1900			6.6	6.2
W. 2000			7.1	5.7
✓ N. 80+00; 0+00 = W. 10,000 ✓ (see page 21)				
TBM	4.75	11.03		6.28
W. 83			4.5	6.5
W. 100			4.6	6.4
W. 200			5.4	5.6
W. 290			6.7	4.3
W. 295			7.2	3.8
W. 297			8.5	2.5
W. 300			7.1	3.9
W. 325			6.1	4.9
W. 350			6.1	4.9
W. 370			6.4	4.6

cont'd. on Page 57

N. 82+00; 0+00 = W. 10,000. 8-31-56

cont'd from P. 26

Sta		+ H.I.	-	Elev	
0		12.85	6.8	6.0	
E 100	99		7.4	5.4	
E 138			6.0	6.8	Topbank
E 150			10.2	2.6	Toe
E 178			10.4	2.4	"
E 190			7.1	5.7	Topbank
E 200	98		6.8	6.0	
E 300	97		6.2	6.6	
E 400	96		5.9	7.0	
E 500	95		6.1	6.7	
E 600	94		5.7	7.1	
E 700	93		5.4	7.4	
E 800	92		5.8	7.0	
E 900	91		4.9	8.0	
E 1000	90		5.7	7.1	
E 1100	89		5.4	7.4	
E 1200	88		5.2	7.6	
E 1227	8773		5.9	7.0	Topbank
E 1231	8769		8.7	4.1	Toe
E 1270	8730		10.6	2.2	"
E 1300	87		11.2	1.6	

N. 82+00

(28)

Sta		+ H.I.	-	Elev	
E 1340	8681	12.85	8.1	4.7	Toe
E 1347	8653		6.6	6.2	Topbank
E 1400	86		5.6	7.2	
E 1500	85		5.0	7.8	
E 1513	8487		4.8	8.0	
E 1515	8485		8.3	4.5	
E 1552	8448		10.1	2.7	
E 1558	8442		5.6	7.2	
E 1600	84		5.2	7.6	
E 1700	83		5.5	7.3	
E 1800	82		5.6	7.2	
E 1900	81		5.8	7.0	
E 2000	80		4.8	8.0	
N 82+00; 0+00 = W 10,000					
W 100	cont'd from P. 27	11.03	5.0	6.0	
W 200			5.4	5.6	
W 300			5.5	5.5	
W 400			5.6	5.4	
W 500	cont'd P. 58		6.7	4.3	

✓ N. 84+00; 0+00 = W. 8,000 ✓ 8-31-56

(contd from P. 25)

Sta	+ H.I.	-	Elev	
0	12.85	5.6	7.2	
W 61	8061	5.4	7.4	
W 70	8070	7.0	5.8	
W 85	8085	7.0	5.8	
W 95	8095	5.4	7.4	
W 100	8100	5.2	7.6	
W 200	8200	5.9	7.0	
W 300	8300	5.6	7.2	
W 395	8395	5.8	7.0	
W 403	8403	8.4	4.4	
W 417	8417	7.8	5.1	
W 422	8422	5.4	7.4	
W 500	8500	5.8	7.0	
W 552	8552	5.6	7.2	
W 556	8556	8.0	4.8	
W 558	8558	8.0	4.8	
W 560	8560	5.2	7.6	
W 600	8600	5.1	7.7	
W 700	8700	5.4	7.4	
W 730	8730	6.1	6.7	Top
W 734	8734	10.0	2.8	Toe

✓ N 84+100

(29)

Sta	+ H.I.	-	Elev	
W 772	8772	12.85	10.8	Toe
W 780	8780	6.1	6.7	Top
W 800	8800	5.5	7.3	
W 900	8900	5.8	7.0	
W 1000	9000	5.3	7.5	
W 1100	9100	5.7	7.1	
W 1195	9195	5.5	7.3	
W 1200	9200	8.0	4.8	
W 1222	9222	7.5	5.3	
W 1227	9227	6.2	6.6	
W 1300	9300	5.8	7.0	
W 1400	9400	5.5	7.3	
W 1500	9500	6.3	6.5	
W 1600	9600	6.5	6.3	
W 1700	9700	6.5	6.3	
W 1800	9800	6.4	6.4	
W 1900	9900	6.3	6.5	
W 1968	9968	7.3	5.5	
W 1976	9976	9.8	3.0	
W 2000	contd. P. 58	11.0	1.8	



Cont'd from pg. 25  
 N. 86+00; 0+00 = W. 10,900 8-31-56

Sta	+	H.1	-	Elev
0		12.85	7.1	5.7
E 100	99		7.8	5.0
E 200	98		7.0	5.8
E 300	97		6.9	6.0
E 400	96		6.3	6.5
E 500	95.00		6.5	6.3
E 600	94		5.7	7.1
Set Lath				W. 9360
E 640	93.60		6.1	6.7
	93.55			TOP
E 645	cont'd.		10.9	2.0
				Toe

N. 86+00; 0+00 = W. 8,000

0	80		5.6	7.2
W 100	87		5.6	7.2
W 200	82		6.2	6.6
W 300	83		5.8	7.0
W 400	84		5.7	7.1
W 500	85		5.9	7.0
W 600	82		5.6	7.2
W 700	87		5.9	7.0
W 800	88		5.5	7.3
W 900	87		5.7	7.1
W 1000	90		6.7	6.1

N. 86+00; 0+00 = W. 8,000 CONT'D. (30)

Sta	+	H.1	-	Elev
		12.85		
W 1100	91		6.3	6.5
W 1200	92		6.5	6.3
W 1267	92.67		6.6	6.2

(Set Lath W. 9,260)

N. 86+00; 0+00 = W. 9,260; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			92.60		
11:54	0.1	+4.5	92.70		
	1.3	+3.3	90		
(4.6)	2.1	+2.5	90		
	2.0	+2.6	93		
50	2.3	+2.3	90		
	2.6	+2.0	90		
	3.0	+1.6	90		
	2.6	+2.0	90		
	1.0	+3.6	90		

1+00

cont'd. p. 59

N. 88+00; 0+00 = W. 10,000 8-31-56

cont'd from P. 24

Sta	+ H. 1	-	Elev
0	12.85	7.3	5.5
E 100		7.3	5.5
E 200		7.2	5.6
E 300		7.0	5.8
E 400		6.8	6.0
E 500		7.1	5.7
E 600		6.5	6.3
E 700		6.3	6.5
E 787	cont'd.)	6.7	6.1

(W. 9220 Set Lath.)

N. 88+00; 0+00 = W. 8,000

0		6.7	6.2
W 100		6.2	6.6
W 200		6.4	6.4
W 300		6.6	6.2
W 400		6.3	6.5
W 500		6.6	6.2
W 600		6.5	6.3
W 700		6.5	6.3
W 800		7.0	5.8
W 900		6.2	6.6

N. 88+00; 0+00 = W. 8,000 CONTD. (31)

Sta	+ H. 1	-	Elev
			12.85

W 1000 6.0 6.8

W 1083 "cont'd." 5.9 7.0

W 9,080 Set Lath

N. 88+00; 0+00 = W. 9,080; SOUND WEST

Dist Sound Elev

0+00 60.50

0+10 0.6 +3.9 60

12:00 1.5 +3.0 61

1.8 +2.7 62

1.8 +2.7 63

50 2.2 +2.3 64

(4.5) 2.7 +1.8 65

2.9 +1.6 66

3.2 +1.3 67

3.0 +1.5 68

1+00 2.7 +1.8 69

1.9 +2.6 70

1.4 +3.1 71

0.2 +4.3 72

40 cont'd. P. 59

N. 90+00; 0+00 = W. 10,000 8-31-56

(cont'd from pg. 24)

Sta	+ H.I	- Elev
0	12.85	7.8 5.0
E 100	99	7.5 5.3
E 200	98	7.4 5.4
E 300	97	6.9 6.0
E 400	96	6.8 6.0
E 500	95	6.8 6.0
E 600	94	7.0 5.8
E 700	93	7.2 5.6
E 800	92	6.8 6.0
E 883	91 <sup>19</sup> cont'd.)	7.4 5.4

W. 9,120 Set Lath

N. 90+00; 0+00 = W. 9,000

0	90	6.6 6.2
W 35	89.25	7.4 5.4
W. 9,050 Set Lath)		
E 100	89.50	6.4 6.4
E 200	88.50	6.8 6.0
E 300	87.50	6.9 6.0
E 400	86.50	6.6 6.2
E 500	85.50	6.2 6.6
E 568	84.8 cont'd. P. 32	5.9 7.0

N. 90+00; 0+00 = W. 9,000 (32)

Sta	+ H.I	- Elev
0	12.85	
E 373	84.77	7.8 5.0
E 600	84.50	7.8 5.0
E 700	83.50	7.1 5.7
E 786	82.64	6.1 6.7
E 808	82.42	8.2 4.6
E 900	81.50	7.7 5.1
E 983	80.67	8.8 4.0
E 1000	80.50	6.6 6.2

cont'd.

T.B.M. Top Hub N. 9,000  
W. 8,000 6.68 6.17 ~ 6.23

N. 90+00; 0+00 = W. 9,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+40	0.6	+3.8			
50	2.5	+1.9			
1207	2.9	+1.5			
<u>2</u>	3.2	+1.2			
(4.4)	2.7	+1.7			
	2.0	+2.4			
1+00	1.5	+2.9			
	0.8	+3.6			

cont'd. P. 60

Stampel  
Fope  
Blunt  
Kelley

✓ N. 80+00; 0+00 = W. 6561.13 9-4-56

Sta	+ H.I	- Elev	See Pg.
B.M.	6.18 <sup>15</sup>	17.42 <sup>39</sup>	15
0		6.2	11.2
E 13		2.9	14.5
E 15 <sup>2</sup>		3.37	14.02 Gut
E 25 (Contd. Pg. 26)		2.96	14.43 E.P.

✓ N. 81+00; 0+00 = W 6592.80

0		6.7	10.7	Toe
E 13		3.8	13.6	
E 16		3.52	13.87	
E 25		3.17	14.22	E.P.

✓ N. 82+00; 0+00 = W 6624.46

0		7.2	10.2	Toe
E 13		3.7	13.7	
E 16		3.71	13.68	Gut
E 25 (contd Pg. 26)		3.24	14.15	E.P.

✓ N. 83+00; 0+00 = W 6656.13

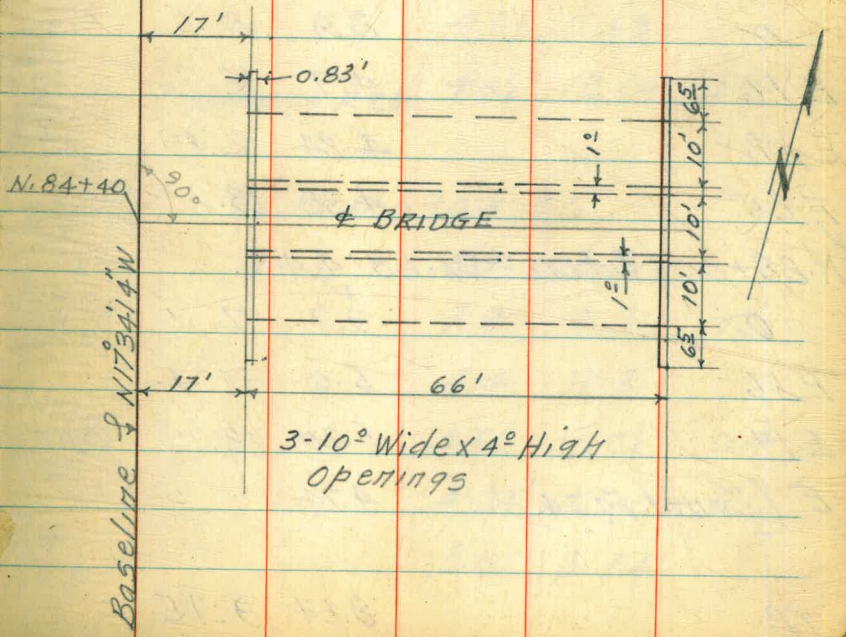
0		7.9	9.5	
E 13		4.0	13.4	
E 16		3.94	13.45	
E	END	3.14	13.95	

N. 84+00; 0+00 = W 6687.79 (33)

Sta	+ H.I	- Elev	
0	17.42 <sup>39</sup>	8.0	9.4 Toe
E 12		4.3	13.1
E 15 <sup>2</sup>		4.16	13.23 Gut
E 25 <sup>5</sup> (Contd Pg. 25)		3.62	13.77 E.P.

N. 84+40 & BRIDGE CULV @ 90° TO B/L  
0+00 = BASELINE (See Pg. 7)  
All other X-sec's Taken on Grid Stns

E 17	9.66	7.73	W.F.L.
E 83	9.34	8.05	E.F.L.



N. 85+00; 0+00 = W 6719.46

Sta	+	H.I	-	Elev	
0		17.39	8.3	9.1	Toe
E 13			4.5	12.9	
E 16			4.37	13.02	Gut
E 25 <sup>E</sup>	END		3.92	13.47	EP

N. 86+00; 0+00 = W 6751.12

0			8.7	8.7	Toe
E 13			4.7	12.7	
E 16			4.73	12.66	Gut
E 25 (Cont'd Pg. 25)			4.16	13.23	EP

N. 87+00; 0+00 = W 6782.79

0			8.9	8.5	Toe
E 16			4.7	12.7	
E 18			4.84	12.49	Gut
E 25			4.38	13.01	EP

N. 88+00; 0+00 = W 6814.45

0			9.7	7.7	
E 16			5.0	12.4	
E 17			5.20	12.19	Gut
E (Cont'd Pg. 24)			4.74	5	
TP			8.24	9.15	

(34)  
N. 89+00; 0+00 = W 6846.12

Sta	+	H.I	-	Elev	
0		7.09	16.24		
0			8.0	8.2	
E 6			7.8	8.4	Toe
E 15			4.1	12.1	
E 16			4.22	12.02	Gut
E 25			3.80	13.44	EP

N. 90+00; 0+00 = W 6877.78

0			8.1	8.1	
E 6			7.5	8.7	Toe
E 15			4.5	11.7	
E 17			4.61	11.63	
E 25 <sup>S</sup>	CONT'D ON P. 23		4.05	12.19	E.P.

N. 91+00; 0+00 = W 6909.45

0			8.9	7.3	
E 6			7.9	8.3	Toe
E 15			4.4	11.8	
E 17			4.53	11.71	Gut
E 25			4.24	12.00	EP
TP			8.10	8.14	

✓ N92+00; 0+00 = W9,000 10-9-56

Sta	+	H.I	-	Elev	2x2 Hub N9000
TBM	4.40	10.37		5.97	W9000
0			4.4	6.0	
W 94	9092		4.9	5.5	
W 100	9100		5.7	4.7	
E 100			4.6	5.8	
E 200			4.9	5.5	
E 300			5.4	5.0	
E 400			5.4	5.0	
E 500			5.6	4.8	
E 600			5.2	5.2	
E 635			6.2	4.2	
E 640			8.3	2.1	
E 644			6.1	4.3	
E 685			5.8	4.6	
E 700			5.9	4.5	
E 800			5.4	5.0	
TBM			4.40	5.97	

(Cont'd MB93 P. 61.)

✓ N92+00; 0+00 = W 6941.11 10-9-56 (35)

Sta	+	H.I	-	Elev	Hub N9400 W7004.44
TBM	6.88	13.73		6.85	
0			5.6	8.1	
E 5			5.6	8.1	
E 14			1.5	12.2	
E 16 <sup>o</sup>			1.61	12.12	GUT
E 254			1.55	12.18	EIP
W 100			5.9	7.8	
W 200			6.7	7.0	
W 260			6.7	7.0	
W 262			8.9	4.8	
W 300			10.3	3.4	
W 322			9.8	3.9	
W 325			7.3	6.4	
W 400			6.8	6.9	
W 500	7241		7.1	6.6	
W 600	7241		7.2	6.5	
W 700	7241		7.2	6.5	
W 800	7241		7.5	6.2	
W 803	7242		7.5	6.2	

cont'd. P. 36

9-5-56

N. 92+00; 0+00 = W. 9,240; SOUND EAST  
cont'd. from P. 35

Dist Sound Elev

0+00 0.1 +5.0

(5.1) 0.4 +4.6

12:20 1.0 +4.1

1.2 +3.9

1.3 +3.8 92

50 1.4 +3.7

1.9 +3.2

1.8 +3.3

2.6 +2.5

2.5 +2.6

1+00 2.8 +2.3

4.3 +0.8

3.9 +1.2

2.7 +3.0

(1+40) 0.4 +4.7  
50 W. 9,100 91

(Cont'd Pg. 35) ?

(36)

N. 94+00; 0+00 = W. 9,390; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00 0.1 +4.7 93 91

(4.8) 0.6 +4.2

12:33 0.7 +4.1

1.0 +3.8

0.9 +3.9

50 1.1 +3.7

1.1 +3.7

1.2 +3.6

1.2 +3.6

1.2 +3.6 93

1+00 1.5 +3.3

1.5 +3.3

1.6 +3.2

1.9 +2.9

2.3 +2.5

50 2.9 +1.9

3.9 +0.9

3.7 +1.1

2.0 +2.8

(Set Lath) 7+90 0.1 +4.7

92 W. 9,200 (cont'd Pg 50)

9-5-56

N. 96+00; 0+00 = W. 9,560; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00 1.6 +3.1 9560

(4.7) 2.0 +2.7 50

1240 2.1 +2.6

2.1 +2.6

2.1 +2.6

50 2.3 +2.4

2.4 +2.3 95

2.6 +2.1

3.7 +1.0

3.7 +1.0

1+00 3.0 +1.7

2.6 +2.1

1.4 +3.3 9410

(Set Lath)

1+30 = (W 9430) (contd W. P. 56)  
(contd P. 52) this book  
(contd from P. 35)

N. 93+00; 0+00 = W 6972.78

Sta + H. I. - Elev  
0 13.73 6.5 7.2

E 4 6.3 7.4

E 15 1.1 12.6

E 16 1.22 12.51 Gut

E 25<sup>E</sup> 1.00 12.73 EP

VN 94+00; 0+00 = W 7,004.44 10-9-56 (37)

Sta + H. I. - Elev

0 13.73 6.9 6.8

E 7 6.3 7.4

E 19 0.7 13.0

E 20 0.70 13.03 Gut

E 29<sup>B</sup> 0.60 13.13 EP

W 100 6.8 6.9

W 200 6.9 6.8

W 300 7.0 6.7

W 400 7404 7.6 6.1

W 403 7407 10.2 3.5

W 423 7477 10.2 3.5

W 426 7430 7.5 6.2

W 500 7504 6.9 6.8

W 560 (contd NB 93 P. 62) 7.6 6.1

N 95+00; 0+00 = W 7,036.11

0 7.1 6.6

E 15 7.0 6.7

E 28 0.3 13.4

E 29<sup>E</sup> 0.35 13.38 GutE 38<sup>E</sup> 0.35 13.38 EP

TP 6.88 6.85 ~ 6.85 (see P. 33)



✓ N 96+00; 0+00 = W 3067.77

Sta	+ H.I	- Elev	
T.B.M.	9.67	16.52	6.85
0		9.9	6.6
E 30		9.7	6.8
E 42		3.1	13.4
E 43		2.97	13.55
E 52		2.87	13.65
W 100		9.7	6.8
W 200		10.0	6.5
W 300	N 96+00 cont'd. P. 37 this book	10.2	6.3
W 330	(Cont'd MB 93 P 63)	10.0	6.5

✓ N 97+00; 0+00 = W 7099.44

0		9.9	6.6
E 47		9.7	6.8
E 60		2.8	13.7
E 61		2.60	13.92
E 69.8		2.60	13.92
W 100		9.9	6.6
W 200		9.8	6.7
W 224		9.7	6.8
W 225		11.3	5.2
W 250	(cont'd MB 91, P. 1)	12.1	4.4

✓ N 98+00; 0+00 = W 7131.10

Sta	+ H.I	- Elev	
		16.52	
0		9.8	6.7
E 70		9.5	7.0
E 82		2.2	14.3
E 83		2.36	14.16
E 92.6		2.34	14.18
W 100		9.9	6.6
W 101		11.9	4.6
W 117	(cont'd MB 91, P. 3) N 98+00 cont'd. P. 53 this book.	12.2	4.3

T.B.M. 9.84 6.68

✓ N 111+00; 0+00 = W 6871.89

T.B.M.	6.24	16.42	10.18
0		6.2	10.2
E 9		6.12	10.30
E 15		5.50	10.92
W 6		6.2	10.2
W 11		11.4	5.0
W 25		12.2	4.2

(38)

LN112+00; 0+00 = W 6850.24 10-9-56      VN114+00; 0+00 = W 6806.95 10-9-56 (39)

Sta	H.I	Elev
0	16.42	6.0 10.4
E 9	5.88	10.54
E 15	5.22	11.20 EP
W 6	5.9	10.5
W 12	11.7	4.7
W 21 (Cont'd MB 91, P 939)	12.2	4.2

N113+00; 0+00 = W 6828.59

0	5.8	10.6
E 9	5.75	10.67
E 15 <sup>±</sup>	5.00	11.42
W 6	5.7	10.7
W 11	11.8	4.6
W 25	12.3	4.1

N113+8.7 = 17° Lt @ 90° to B/L = Outlet 30" RCP

Lt 17 <sup>±</sup>	12.80	3.62	West F.L.
Rt	11.85	4.57	East F.L.

Sta	H.I	Elev
0	16.42	5.6 10.8
E 9	5.38	11.04
E 15	4.75	11.67
W 6	5.3	11.1
W 12	11.4	5.0
W 30 (Cont'd MB 91, P 943)	12.4	4.0

N115+00; 0+00 = W 6806.95

0	5.5	10.9
E 8	5.10	11.32
E 15	4.36	12.06 EP
W 7	5.0	11.4
W 12	11.2	5.2
W 30	12.5	3.9

N116+00; 0+00 = W 6763.65 (Plotted R-18)

0	5.0	11.4
E 8	5.00	11.42
E 15	4.25	12.17 EP
W 7	4.6	11.8
W 13	11.2	5.2
W 29	12.5	3.9

(Cont'd MB 91, P 947)

✓ N117+00; 0+00 = W 6742.01 10-9-56

Sta	+ H.I	-	Elev	
0	16.42	4.8	11.6	
E 8		4.65	11.77	
E 15		3.90	11.52	EP
W 7		4.5	11.9	
W 13		11.1	5.3	
W 28		12.5	3.9	

✓ N118+00; 0+00 = W 6720.36

0		4.7	11.7	
E 9		4.40	12.02	
E 15		3.65	12.77	EP
W 7		4.2	12.2	
W 13		11.0	5.4	
W 30 (Cont'd MB91, P9.51)		12.6	3.8	

✓ N119+00; 0+00 = W 6698.71

0		4.4	12.0	
E 7		4.30	12.12	
E 15		3.40	13.02	EP
W 7		4.2	12.2	
W 15		11.2	5.2	
W 30		12.7	3.7	
TP	4.22	16.64	4.00	12.42

N120+00; 0+00 = W 6677.07

Sta	+ H.I	-	Elev	
0	16.64	4.2	12.4	
E 8		4.45	12.19	
E 15		3.70	12.94	EP
W 7		4.3	12.3	
W 14		11.6	5.0	
W 30 (Cont'd MB91, P9.10)		13.0	3.6	

✓ N121+00; 0+00 = W 6655.42

0		4.8	11.8	
E 7		4.60	12.04	
E 15		3.70	12.94	EP
W 8		4.7	11.9	
W 14		11.1	5.5	
W 33		13.0	3.6	

✓ N122+00; 0+00 = W 6633.77

0		4.7	11.9	
E 7		4.66	11.98	
E 15		3.90	12.74	EP
W 7		4.7	11.9	
W 13		11.1	5.5	
W 35 (Cont'd MB91, P9.27)		13.2	3.4	

✓N123+00; 0+00 = W 6612.13 10-9-56

Sta	+	H.1	-	Elev	
0		16.64	5.0	11.6	
E 8			4.85	11.79	
E 15			4.05	12.59	EP
W 5			5.2	11.4	
W 11			10.0	6.6	
W 36			13.2	3.4	

✓N124+00; 0+00 = W 6590.48

0			5.7	10.9	
E 8			5.25	11.39	
E 15			4.45	12.19	EP
W 5			5.4	11.2	
W 10			11.0	5.6	
W 31 (Cont'd MB 91, P 9.56)			13.2	3.4	

✓N125+00; 0+00 = W 6568.83

0			6.1	10.6	
E 7			5.65	10.99	
E 15			4.95	11.69	EP
W 6			5.7	10.9	
W 10			10.9	5.7	
W 38			13.3	3.3	

✓N126+00; 0+00 = W 6547.19 10-9-56 (41)

(Plotted Roll 23)

Sta	+	H.1	-	Elev	
0		16.64	6.2	10.4	
E 8			5.84	10.80	
E 15			5.20	11.44	EP
W 6			6.5	10.1	
W 10			10.9	5.7	
W 45 (Cont'd MB 91, P 9.60)			13.4	3.2	

✓N127+00; 0+00 = W 6525.54

0			6.3	10.3	
E 8			6.00	10.64	
E 15			5.23	11.41	EP
W 6			6.5	10.1	
W 11			10.6	6.0	
W 33			13.4	3.2	

✓N128+00; 0+00 = W 6503.89

0			6.5	10.1	
E 8			6.23	10.41	
E 15			5.40	11.24	EP
W 6			6.5	10.1	
W 10			8.8	7.8	
W 26			10.0	6.6	
W 31			12.9	3.7	
W 85 (Cont'd MB 91, P 9.65)			13.4	3.2	

N. 129+00; 0+00 = W 6482.25 10-10-56

Sta	+	H.1	-	Elev	B/L
TP	5.6	16.64	6.50	10.14	N. 129+00 10.13
0	5.69	15.82	5.7	10.1	
E 9			5.37	10.45	
E 15			4.83	10.99	EP
W 10			5.5	10.3	
N 14			6.6	9.2	
W 20			9.7	6.1	
W 46			9.0	6.8	
W 84			11.0	4.8	
W 100			11.6	4.2	
W 200			11.7	4.1	
W 300			12.2	3.6	

N. 130+00; 0+00 = W 6460.60

0			5.7	10.1	
E 10			5.13	10.69	
E 15			4.94	10.88	EP
W 21			6.4	9.4	
W 28			7.5	8.3	
W 58			8.9	6.9	
W 100			9.8	6.0	
W 200			10.6	5.2	

N 130+00 CONTD

(42)

Sta	+	H.1	-	Elev	
W 300		15.82	11.4	4.4	
W 345 (cont'd MB91, Pp. 69)			12.1	3.7	
B.M.	4.13	15.77	4.15	11.67	(see Pp. 12) 11.64
N 131+00; 0+00 = W 6438.95					
0			4.4	11.4	
E 13			4.74	11.03	EP
W 18			6.6	9.2	
W 50			7.8	8.0	
W 100			8.5	7.3	
W 200			9.9	5.9	
W 300			10.9	4.9	
W 400			12.4	3.4	

STA N 131+00; 0+00 = W 6438.95

Sec. Taken To Define Ditch S'ly

NOTE: for location of Bridge N<sup>o</sup>

SD 160+75 See MBFB N<sup>o</sup> 63 P942

Sta + H.I. - Elev

0+00 = N 131+00; W 6438.95

(see sketch P944) 15.77

0	4.4	11.4	
5 21	6.4	9.4	
5 23	10.30	5.44	F.L
5 33	10.30	5.44	"
5 35	6.3	9.5	
5 39	4.6		

0+50

0	7.7	8.1	
5 20	8.2	7.6	
5 25	13.0	2.8	
5 35	12.9	2.9	
5 37	7.8	8.0	

1+00

Sta	+ H.I.	- Elev
0	15.77	8.5 7.3
5 21		8.8 7.0
5 28		12.4 3.4
5 31		12.6 3.2
5 40		8.7 7.1

1+50

0	9.5	6.3
5 18	9.5	6.3
5 21	12.6	3.2
5 32	12.7	3.1
5 37	9.5	6.3

2+00

0	9.9	5.9
5 16	9.5	6.3
5 22	12.8	3.0
5 32	13.1	2.7
5 37	10.0	5.8

10-10-56

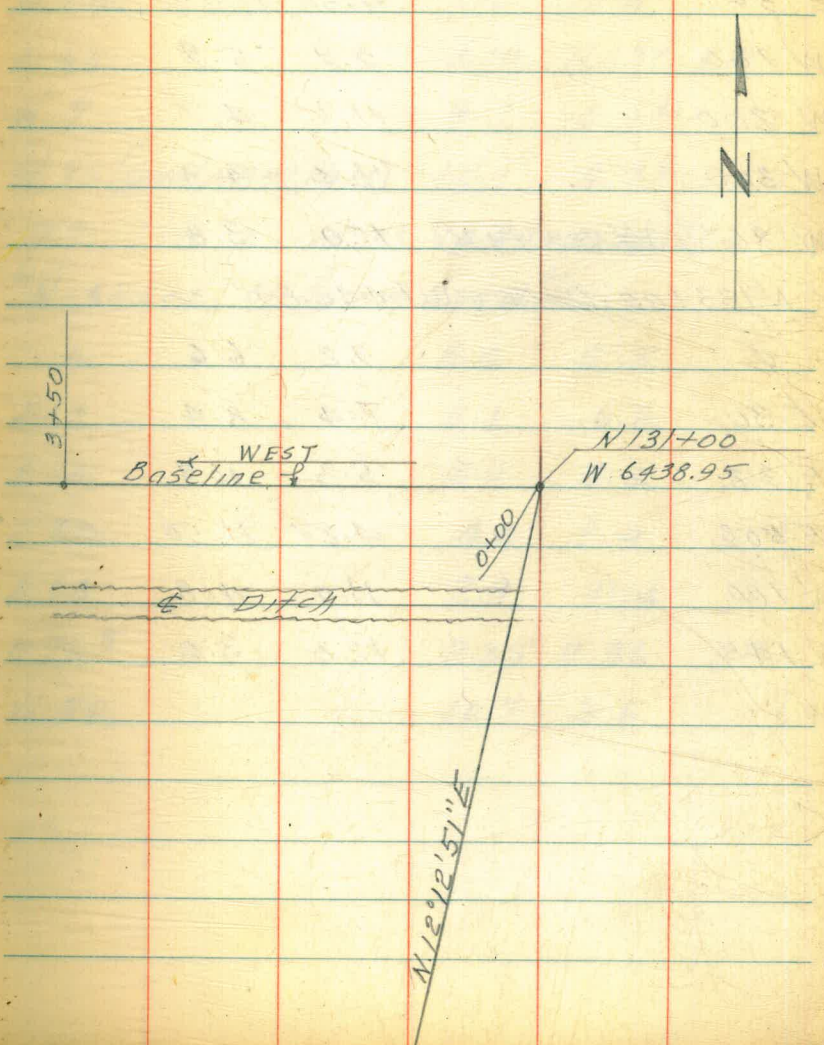
Sta	+ H.I	-	Elev
0	15.77	9.6	6.2
516		9.9	5.8
522		13.0	2.8
530		13.3	2.5
535		10.0	5.8

3+00

0		10.8	5.0
515		11.0	4.8
517		13.1	2.7
526		13.5	2.3
529		11.0	4.8

3+50

0		11.5	4.3
513		11.6	4.2
514		12.8	3.0
526		12.8	3.0
528		11.7	4.1



✓ N132+00; 0+00 = ~~W6440.92~~ ? ✓ W6440.92

Sta	+	H.1	-	Elev	
0		15.77	9.0	6.8	
E 7			8.5	7.3	
E 18			5.5	10.3	
E 34			4.58	11.19	EP
W 100			9.9	5.9	
W 200			11.1	4.7	
W 300			11.4	4.4	
W 365 (Cont'd MB92, P976)			12.0	3.8	

✓ N133+00; 0+00 = W6442.89

0			9.2	6.6	
E 30			7.4	8.4	
E 38			5.5	10.3	
E 508			4.27	11.50	EP
W 100			11.0	4.8	
W 145			12.0	3.8	

✓ N134+00; 0+00 = W6444.85 10-10-56 (45)

Sta	+	H.1	-	Elev	
0		15.77	8.7	7.1	✓
E 5			6.9	8.9	✓
E 48			6.8	9.0	✓
E 56			5.0	10.8	✓
E 65			4.14	11.63	EP
W 7			9.7	6.1	✓
W 96 (Cont'd MB92, P914)			12.1	3.7	✓
TP	8.83	14.31	10.29	5.48	

✓ N135+00; 0+00 = W6446.82

0			8.8	5.5	
E 12			8.1	6.2	
E 18			5.9	8.4	
E 61			4.4	9.9	
E 68			2.9	11.4	
E 76 <sup>5</sup>			2.35	11.96	EP
W 50			10.7	3.6	



√N136+00; 0+00=W 6448.78 10-10-56

Sta	+	H.I	-	Elev
0		14.31	8.8	5.5 ✓
E 13			7.7	6.6 ✓
E 17			6.7	7.6 ✓
E 68			4.2	10.1 ✓
E 77			2.6	11.7 ✓
E 85			2.16	12.15 ✓ EP
W 40 (cont'd MB92, P926)			10.6	3.7 ✓

√N137+00; 0+00=W 6450.75

0			8.1	6.2
E 4			7.7	6.6
E 7			6.7	7.6
E 17			5.8	8.5
E 72			4.0	10.3
E 85			2.6	11.7
E 92			1.90	12.41 EP
W 90			11.0	3.3

√N138+00; 0+00=W 6452.72

(46)

Sta	+	H.I	-	Elev
0		14.31	5.4	8.9 ✓
E 78			2.8	11.5 ✓
E 87			1.5	12.8 ✓
E 97			1.67	12.64 ✓ EP
W 11			6.0	8.3 ✓
W 14			7.3	7.0 ✓
W 32			9.0	5.3 ✓

W 100 (cont'd MB92, P931) 10.5 3.8 ✓

√N139+00; 0+00=W 6454.68

0			4.4	9.9
E 72			2.9	11.4
E 93			1.1	13.2
E 102			1.40	12.91 EP
W 12			5.0	9.3
W 21			7.6	6.7
W 100			9.3	5.0
W 133			10.4	3.9
TP			4.31	10.00 N140+00 Stub

7.03 17.03

✓ N140+00; 0+00 = W 6456.65 ✓ 10-10-56

Sta	+	H.I	-	Elev
0		17.03	7.0	10.0 ✓
E 102			3.7	13.3 ✓
E 105			4.3	12.7 ✓
E 109			3.84	13.19 ✓ EP
W 19			7.6	9.4 ✓
W 25			10.3	6.7 ✓
W 100			11.2	5.8 ✓
W 117			11.1	5.9 ✓
W 130			12.0	5.0 ✓
W 200			12.3	4.7 ✓
W 300 (cont'd NB 92, P 935)			13.3	3.7 ✓

NOTE: for Colu. Loc. & Elev's See M.B. 63, P 94

✓ N141+00; 0+00 = W 6458.61

0			8.2	8.8
E 78			5.2	11.8
E 104			3.0	14.0
E 108			4.2	12.8
E 113			3.50	13.53
W 14			8.4	8.6
W 23			10.5	6.5
W 62			10.2	6.8

✓ N141+00 CONT'D

Sta	+	H.I	-	Elev
W 85		17.03	11.2	5.8
W 100			11.4	5.6
W 200			12.4	4.6
W 300			13.2	3.8
TP	9.34	18.09	8.28	8.75
To P.P. 1, Hub N141+68.28				
N142+00; 0+00 = W 6453.21				
0			10.0	8.1 ✓
E 1			9.0	9.1 ✓
E 87			4.6	13.5 ✓
E 105			4.20	13.89 ✓ EP
W 8			12.0	6.1 ✓
W 100			12.6	5.5 ✓
W 200			13.5	4.6 ✓
W 225			13.7	4.4 ✓

(cont'd NB 92, P 94)

UN143+00; 0+00 = W 6431.92

Sta	+	H.I	-	Elev	
0		18.09	11.8	6.3	
E 4			11.3	6.8	
E 11			8.0	10.1	
E 63			3.6	14.5	
E 71			4.8	13.3	
E 79			3.90	14.19	EP
W 100			13.0	5.1	
W 182			14.0	4.1	

UN144+00; 0+00 = W 6410.64

0			11.4	6.7	✓
E 6			8.2	9.9	✓
E 20			6.9	11.2	✓
E 30			4.7	13.4	✓
E 38			3.9	14.2	✓
E 45			4.3	13.8	✓
E 51			3.50	14.59	✓ EP
W 2			11.8	6.3	✓
W 70			14.0	4.1	✓
W 100			14.3	3.8	✓

(Cont'd MB 92, P 944)

UN145+00; 0+00 = W 6389.35 10-10-56 (48)

Sta	+	H.I	-	Elev	
0		18.09	3.5	14.6	
E 9			3.5	14.6	
E 11			4.4	13.7	
E 18			3.50	14.59	EP
W 13			6.2	11.9	
W 21			12.0	6.1	
W 70			14.1	4.0	

UN146+00; 0+00 = W 6402.93

0			3.9	14.2	✓
E 10			3.7	14.4	✓
E 11			4.2	13.9	✓
E 20			3.20	14.89	✓ EP
W 5			4.4	13.7	✓
W 15			11.9	6.2	✓
W 55			14.2	3.9	✓

(Cont'd MB 92, P 946)

N147+00; 0+00 = W 6415.51 10-10-56

Sta	+	H.I	-	Elev
0		18.09	4.2	13.9
E 8			3.9	14.2
E 9			4.4	13.7
E 18			3.10	14.99 EP
W 6			4.4	13.7
W 17			12.3	5.8
W 75			14.8	3.3

N148+00; 0+00 = W 6428.59

0			4.3	13.7 ✓
E 4			3.8	14.3 ✓
E 5			4.3	13.8 ✓
E 14			3.25	14.84 ✓ EP
W 10			4.0	14.1 ✓
W 21			12.0	6.1 ✓
W 80			14.9	3.2 ✓
T.P.			3.96	14.13 P.I. N148+12.75

3.32 17.45

(cont'd M.B. 92, P. 54)

N149+00; 0+00 = W 6452.67 (49)

Sta	+	H.I	-	Elev
0		17.45	4.7	12.7
E 9			3.8	13.6
E 10			4.3	13.1
E 17 <sup>5</sup>			3.00	14.45 EP
W 3			4.0	13.4
W 13			10.8	6.6
W 65			13.6	3.8

N150+00; 0+00 = W 6478.37 ✓

0			5.3	12.1 ✓
E 1			4.5	13.0 ✓
E 10			4.2	13.2 ✓
E 11			4.6	12.8 ✓
E 20			3.20	14.25 ✓ EP
W 8			7.9	9.5 ✓
W 22			8.7	8.7 ✓
W 28			10.6	6.8 ✓
W 100			12.8	4.6 ✓

(cont'd M.B. 90-49)

N151+00; 0+00 = W6504.07 10-10-56

Sta	H.I	-	Elev	
0	17.45	6.3	11.1	
E 4		4.8	12.6	
E 11		4.5	12.9	
E 12		4.9	12.5	
E 22 <sup>5</sup>		3.35	14.10	EP
W 5		7.3	10.1	
W 33		9.1	8.3	
W 35		10.9	6.5	
W 100		11.9	5.5	
W 200		12.7	4.7	
W 300		13.5	4.0	
(Also, see Sec) (see B.L. Pg. 11)				
N151+75 - 4 <sup>3</sup> Rt = 48" CORR. PIPE				
W 6523 <sup>3</sup>				
E 4 -		10.30	7.15	W 14" F.L. 48" R.C.P.
E 90 <sup>+</sup>		9.00	8.45	Inlet E 14 48" R.C.P.
0	↔ Ditch	10.3	7.1	
0		5.8	11.6	Nat Ground
W 100		11.0	6.4	
W 200		10.7	6.7	
W 300		11.2	6.2	
W 382		13.3	4.1	

N152+00; 0+00 = W6529.76  
(APPROX TOP FILL DE ANZA POINT)

(50)

Sta	H.I	-	Elev	
0	17.45	5.4	12.0	
E 8		4.5	13.0	
E 11		4.8	12.6	
E 18		4.3	13.1	
E 21		3.60	13.85	EP
W 30		9.1	8.3	
W 100		8.2	9.2	
W 200		8.0	9.4	
W 300		8.5	9.0	
W 304		8.5	9.0	
W 309		10.7	6.7	
W 370		12.9	4.5	

N153+00; 0+00 = W6560.79

0		5.9	11.5	
E 7		4.9	12.5	
E 9		5.3	12.1	
E 22 <sup>5</sup>		3.92	13.53	EP
W 100		7.9	9.5	
W 200		8.8	8.6	
W 300		8.8	8.6	
W 366		9.5	8.0	

CONT'D NEXT PG

N153+00 CONTD 10-10-56

Sta	+	H.I	-	Elev
W390		17.45	12.0	5.4
W400			12.4	5.0
W438			13.4	4.0
N154+00; 0+00=W 6591.82				
0			5.8	11.6
E6			5.1	12.3
E7			5.5	12.0
E22			5.15	13.30 EP
W100			8.6	8.8
W200			9.3	8.1
W300			9.2	8.2
W330			9.0	8.4
W380			10.2	7.2
W407			12.4	5.0

N155+00; 0+00=W 6622.85

(51)

Sta	+	H.I	-	Elev
0		17.45	5.5	12.0
E5			5.5	12.0
E18			4.37	13.08 EP
W14			7.1	10.3
W100			9.0	8.4
W200			9.7	7.7
W300			9.2	8.2
W320			8.6	8.8
W376			10.4	7.0
T.B.M.			5.31	12.14
B.M.			3.92	13.53

P.I. Hub  
 N155+25.61  
 4.49  
 + 9.01  
 13.50  
 CHS/A.E. Cullu  
 Hdwall. Hi-Way  
 Sta 182+25

✓ N. 94+00; 0+00 = W 9,000 10-11-56

cont'd. from P. 36

Sta	+	H. I.	-	Elev	HUB N. 9000 W. 9000
TBM.	4.60	10.57		5.97	
0			4.6	6.0	
W 100	91		4.8	5.8	
W 180	9180		5.1	5.5	
W 200	(cont'd. P. 36)		5.9	4.7	
E 100	87		5.0	5.6	
E 200	88.9		5.2	5.4	
E 300	87.2		5.4	5.2	
E 400	86.5		5.5	5.1	
E 500	85		5.6	5.0	
E 600	84		5.6	5.0	
E 637	8373		6.1	4.5	
E 638	8272		8.5	2.1	
E 645	8355		8.5	2.1	
E 646	8354		6.8	3.8	
E 700	83		6.2	4.4	
E 800	N 94+00 cont'd. P. 61 this book.		6.0	4.6	

Cont'd. M.B. 93, P. 61

✓ N 96+00; 0+00 = W 9,000

cont'd. from P. 37

(52)

Sta	+	H. I.	-	Elev
0	90	10.57	5.1	5.5
W 100	91		5.0	5.6
W 200	92		5.0	5.6
W 300	93		5.1	5.5
W 400	94		5.8	4.8
W 430	(9430 cont'd. W. P. 37)		5.9	4.7
E 100	89		5.3	5.3
E 200	88		5.4	5.2
E 300	87		5.6	5.0
E 400	86		5.7	4.9
E 500	85		5.8	4.8
E 600	84		5.9	4.7
E 700	83		6.5	4.1

(Cont'd. M.B. 93, P. 63)

N 96+00 cont'd. P. 61, this book.

✓ N 98+00; 0+00 = W. 9,000 10-11-56  
 cont'd. from P 38, this book

Sta	+	H, I	-	Elev
0		10.57	5.8	4.8
W 100			5.6	5.0
W 200			5.5	5.1
W 300			5.4	5.2
W 400			6.0	4.6
W 500			5.3	5.3
W 600 ✓			6.4	4.2
E 100			5.8	4.8
E 200			6.0	4.6
E 300			6.1	4.5
E 400			6.2	4.4
E 500			6.5	4.1
E 600 ✓ cont'd. P. 62			6.8	3.8
TBM.			4.60	5.97-5.97

(53)  
 N. 99+00; 0+00 = W. 9,000

Sta	+	H, I	-	Elev
0		10.57	6.4	4.2
W 100			6.2	4.4
W 200			5.8	4.8
W 300			5.7	4.9
W 400			5.3	5.3
W 500			5.8	4.8
W 600			7.0	3.6
W 677			6.2	4.4
W 683 ✓ cont'd. P. 63			9.0	1.6
N 100+00; 0+00 = W 9,100 (Plotted Roll 21)				
0			7.0	3.6
W 100			6.3	4.3
W 200			6.0	4.6
W 300			6.2	4.4
W 400			6.0	4.6
W 400			5.8	4.8
W 490			5.8	4.8
W 500			6.4	4.2
W 535			7.3	3.3
W 545			6.3	4.3
W 600			5.7	4.9
W 637			6.1	4.5
W 642			7.9	2.7



✓ N84+00; 0+00 = W10,000 10-11-56

Sta	+	H.I	-	Elev	(Pg. 21) N8,000 W10,000
TBM	4.75	11.03		6.28	
W47			8.2	2.8	
W50			6.6	4.4	
W100			5.7	5.3	
W200			5.4	5.6	
W300			5.8	5.2	
W400			6.0	5.0	
W500			5.5	5.5	
W560			6.8	4.2	

✓ N86+00; 0+00 = W10,500

0			6.1	4.9	
W75			7.2	3.8	
E99			7.1	3.9	
E102			7.9	3.1	
E106			6.7	4.3	
E200			6.0	5.0	
E221			6.1	4.9	

✓ N86+00; 0+00 = W10,000

W100			5.4	5.6	
W200			6.9	4.1	
W230			7.0	4.0	

✓ N88+00; 0+00 = W10,500

Sta	+	H.I	-	Elev
0		11.03	6.3	4.7
W30			6.5	4.5
W65			7.7	3.3
E65			7.1	3.9
E80			6.4	4.6
E90			7.6	3.4

✓ N88+00; 0+00 = W10,000

W100			5.6	5.4	
W200			5.4	5.6	
W300			5.6	5.4	
W365			6.4	4.6	

✓ N90+00; 0+00 = W10,000

W100			5.8	5.2	
W200			5.9	5.1	
W300			5.8	5.2	
W355			6.0	5.0	
W400			7.5	3.5	

TBM

11.03 5.45 5.58

N9,000  
W10,000  
5.58  
"2x2" Hub

√N92+00; 0+00 = W10,000 10-11-56

Sta	+	H.I.	-	Elev	<sup>2x2" Hub</sup> N9,000
TBM.	4.42	10.00		5.58	W10,000
0			4.7	5.3	
E100	99		4.8	5.2	
E200	98		4.9	5.1	
E300	97		4.7	5.3	
E400	96		4.6	5.4	
E500	95		4.5	5.5	
E600	94		4.5	5.5	
E700	93		4.5	5.5	
E735	92.65		3.9	6.1	
E760	92.40		5.2	4.8	
W100			4.8	5.2	
W200			5.0	5.0	
W300			5.4	4.6	
W400			6.7	3.3	

√N94+00; 0+00 = W10,000

(55)

Sta	+	H.I.	-	Elev
0		10.0	5.2	4.8
E100	99		5.1	4.9
E200	98		5.2	4.8
E300	97		4.9	5.1
E400	96		4.7	5.3
E500	95		4.7	5.3
E600	94		5.3	4.7
E610	93.10		5.4	4.6
W250			6.1	3.9
W310			8.4	1.6
W340			5.9	4.1
W100			5.5	4.5
W197			6.0	4.0
W202			8.2	1.8
W207			6.3	3.7
W300			5.9	4.1
W400			6.8	3.2

√N 96+00; 0+00 = W10,000 10-11-56

Sta	+	H.1	-	Elev
0		10.00	8.0	2.0
E 9			6.6	3.4
E100			5.3	4.7
E200			5.3	4.7
E300			5.1	4.9
E400			4.9	5.1
E422			4.7	5.3
E440			7.0	3.0
W 8			7.8	2.2
W14			6.6	3.4
W42			5.6	4.4
W100			5.7	4.3
W200			5.7	4.3
W214			6.6	3.4
W217			8.4	1.6
W223			8.8	1.2
W226			6.6	3.4
W260			5.5	4.5
W300			5.5	4.5
W378			5.8	4.2
W400	END		6.9	3.1

√N97+00; 0+00 = W10,000

Sta	+	H.1	-	Elev
0		10.00	6.2	3.8
W53			6.2	3.8
W77			8.6	1.4
W84			6.1	3.9
W100			6.0	4.0
W200			5.9	4.1
W223			6.3	3.7
W236			7.4	2.6
W245			8.8	1.2
W248			6.6	3.4
W275			5.7	4.3
W300			5.5	4.5
W400			7.4	2.6
cont'd. P. 38, this book.				

TBM. 4.42 5.58 ~ 5.58 <sup>Pg. 55</sup>

(56)

10-15-56

## LEVELS TO N. 12,000 BASELINE

Sta	+	H.I	-	Elev	"2x2" Hub N 8,000
TBM.				6.28	W 10,000
	4.12	10.40			"2x2" Hub N 8,000
TBM.			3.68	6.72	W 11,000
	3.88	10.60			"2x2" Hub N 8,000
TBM			3.60	7.00	W 12,000

N. 80+00; 0+00 = W. 12,000 10-16-56 (57)

Sta	+	H.I	-	Elev	"2x2" Hub N 8,000
TBM.	3.60	10.60		7.00	W 12,000
				4.8	5.8
E 100				5.7	4.9
E 110				6.0	4.6
E 120				8.8	1.8
E 135				8.6	2.0
E 145				6.2	4.4
E 200				6.2	4.4
E 300				5.5	5.1
E 400				5.3	5.3
E 500				5.1	5.5
E 600				4.5	6.1
E 700				4.8	5.8
E 800				5.0	5.6
E 900				4.8	5.8
E 1000				4.6	6.0
E 1100				5.4	5.2
E 1190				6.6	4.0
E 1191				8.4	2.2
E 1192				8.4	2.2
E 1195				6.9	4.2
E 1200				6.1	4.5

cont'd. p. 58

N 80+00 CONTD 10-16-56

Sta	+	H.I	-	Elev
1300		10.60	5.5	5.1
1400			5.6	5.0
1450	END		6.4	4.2

N. 82+00; 0+00 = W. 12,000

0			5.4	5.2
E 100			7.0	3.6
E 110			8.7	1.9
E 125			8.8	1.8
E 135			7.2	3.4
E 200			5.3	5.3
E 300			5.6	5.0
E 400			5.3	5.3
E 500			5.1	5.5
E 600			5.0	5.6
E 700			5.0	5.6
E 800			5.0	5.6
E 900			5.2	5.4
E 1000			5.2	5.4
E 1100			5.4	5.2
E 1200			6.1	4.5
E 1210			6.5	4.1
E 1211			8.5	2.1

N 82+00; CONTD.

(58)

Sta	+	H.I	-	Elev
E 1215		10.60	8.3	2.3
E 1216			7.0	3.6
E 1300	END		5.9	4.7

N 84+00; 0+00 = W. 12,000

0			5.8	4.8
E 80			6.8	3.8
E 85			9.0	1.6
E 100			8.1	2.5
E 110			8.2	2.4
E 115			6.9	3.7
E 165			7.2	3.4
E 170			8.4	2.2
E 185			6.2	4.4
E 200			5.6	5.0
E 300			5.2	5.4
E 400			5.2	5.4
E 500			5.2	5.4
E 600			5.2	5.4
E 700			5.2	5.4
E 800			5.2	5.4
E 900			5.2	5.4

cont'd. P. 59

N 84+00; CONT'D 10-16-56

Sta	+	H.1	-	Elev
E 1000		10.6	4.9	5.7
E 1100			5.5	5.1
E 1200			6.3	4.3
E 1250	N 84+00 cont'd P. 54 this book		5.6	5.0
N. 86+00; 0+00 = W 12,000 cont'd. from P. 30				
0			7.3	3.3
E 60			7.9	2.7
E 65			9.0	1.6
E 100			9.2	1.4
E 115			8.7	1.9
E 125			5.8	4.8
E 200			5.5	5.1
E 300			5.3	5.3
E 400			5.2	5.4
E 500			5.2	5.4
E 600			5.1	5.5
E 700			5.2	5.4
E 800			5.3	5.3
E 900			5.1	5.5
E 1000			5.3	5.3
E 1100			5.1	5.5

N 86+00; CONT'D. also cont'd. P. 54 this book (59)

Sta	+	H.1	-	Elev
E 1200		10.60	5.2	5.4
E 1230			5.7	4.9
N. 88+00; 0+00 = W 12,000 cont'd. from P. 31				
0			7.7	2.9
E 10			6.0	4.6
E 100			5.7	4.9
E 200			5.5	5.1
E 300			5.3	5.3
E 400			5.8	4.8
E 500			5.4	5.2
E 600			5.8	4.8
E 700			5.6	5.0
E 800			5.4	5.2
E 900			5.4	5.2
E 1000			5.3	5.3
E 1100			5.1	5.5
E 1200			5.2	5.4
E 1270	N 88+00 cont'd.		5.7	4.9
TBM.	P. 54, this book.		2.30	8.30
			1.40	9.70
				N, 9,000 W, 12,000

✓ N 90+00; 0+00 = W 12,000 10-16-56  
 Cont'd. from P. 32 ✓

Sta	+	H.1	-	Elev
0		9.70	5.0	4.7
E 100			4.8	4.9
E 200			4.5	5.2
E 300			4.6	5.1
E 400			4.8	4.9
E 460			5.2	4.5
E 466			7.9	1.8
E 475			5.1	4.6
E 500			4.5	5.2
E 600			4.6	5.1
E 700			4.4	5.3
E 800			4.3	5.4
E 900			4.4	5.3
E 1000			4.3	5.4
E 1100			4.4	5.3
E 1200			4.5	5.2
E 1300	N 90+00 cont'd.		4.7	5.0
E 1310	P. 54, this book.		6.4	3.3

✓ N. 92+00; 0+00 = W. 12,000 10-16-56 (60)

Sta	+	H.1	-	Elev
0		9.70	4.9	4.8
E 100			4.8	4.9
E 200			4.9	4.8
E 300			4.9	4.8
E 305			5.3	4.4
E 310			8.0	1.7
E 315			8.1	1.6
E 325			4.7	5.0
E 400			4.7	5.0
E 500			4.7	5.0
E 600			4.5	5.2
E 700			4.7	5.0
E 800			4.5	5.2
E 900			4.7	5.0
E 1000			4.6	5.1
E 1100			4.7	5.0
E 1200			4.7	5.0
E 1300			4.6	5.1
E 1335			4.7	5.0

N 92+00 cont'd. P. 55 this book.

N. 94+00; 0+00 = W. 12,000 10-16-56

Sta	+	H.I	-	Elev
0		9.70	4.8	4.9
E 100			4.9	4.8
E 188			5.4	4.3
E 193			8.1	1.6
E 200			7.6	2.1
E 210			5.3	4.4
E 300			4.8	4.9
E 400			5.0	4.7
E 500			4.8	4.9
E 600			4.7	5.0
E 700			5.1	4.6
E 800			4.7	5.0
E 900			4.8	4.9
E 1000			4.9	4.8
E 1100			5.1	4.6
E 1200			5.2	4.5
E 1300			5.0	4.7
E 1350			5.1	4.6

N 94+00 cont'd.  
P. 55, this book.

N. 96+00; 0+00 = W. 12,000 (Cont'd N 88  
pp. 15) (61)

Sta	+	H.I	-	Elev
0		9.70	5.0	4.7
E 100			4.8	4.9
E 130			5.1	4.6
E 140			8.0	1.7
E 145			8.2	1.5
E 155			4.8	4.9
E 200			5.2	4.5
E 300			5.5	4.2
E 400			5.0	4.7
E 500			4.9	4.8
E 600			5.0	4.7
E 700			5.2	4.5
E 800			5.2	4.5
E 900			5.3	4.4
E 1000			5.5	4.2
E 1100			5.7	4.0
E 1200			6.3	3.4
E 1300			5.3	4.4
E 1350			5.9	3.8

N 96+00 cont'd. P. 56, this book.



✓ N. 97+00; 0+00 = W 10,700 10-16-56

Sta	+	H.I	-	Elev
0		9.70	5.3	4.4
W 100			5.2	4.5
W 200			5.3	4.4
W 300			5.2	4.5
W 400			5.3	4.4
W 500			5.4	4.3
W 600			5.4	4.3
W 700			5.1	4.6
W 800			5.1	4.6
W 900			5.2	4.5
W 1000			5.3	4.4
W 1100			5.0	4.7
W 1280			4.8	4.9
W 1185			8.3	1.4
W 1194			7.8	1.9
W 1200			5.8	3.9
W 1250			5.2	4.5
W 1300			7.4	2.3
TP			3.50	6.20
	4.15	10.35		
			3.60	6.75 ~ 6.72

set sta  
W. 11950  
N9500  
W12000

(Pg. 57)

✓ N 98+00; 0+00 = W. 11,700 10-17-56

Sta	+	H.I	-	Elev	2x2 Hub
T.B.M.	2.60	8.80		6.20	N9500 W12000
0			4.4	4.4	
E 100			4.8	4.0	
E 200			4.7	4.1	
E 300			4.8	4.0	
E 400			4.5	4.3	
E 500			4.5	4.3	
E 600			4.4	4.4	
E 700			4.5	4.3	
E 800			4.4	4.4	
E 900			4.5	4.3	
W 100			4.3	4.5	
W 180			4.0	4.8	
(cont'd NB 89, Pg 12)					
T.B.M.			2.60	6.20	

NB, 000  
W11, 000  
2x2 Hub

N. 99+00; 0+00 = W 10,750 10-17-56

(63)

Sta	H.I	-	Elev	
0	8.80	4.2	4.6	
W100		4.5	4.3	
W200		4.2	4.6	
W300		4.4	4.4	
W400		4.5	4.3	
W500		4.4	4.4	
W600		5.3	3.5	
W700		5.4	3.4	
W800		5.0	3.8	
W900		4.3	4.5	
W950		4.3	4.5	
W1000		4.6	4.2	
W1100		5.3	3.5	Set stk. W11850

(Cont'd MB.F6 N<sup>o</sup> 89, P914)

BASELINE FOR CROSS SECTIONS OF MISSION

BAY PROJECT No 64501

(contd. from Pg. 7)

W. 8,000

N. 5,000

Baseline ↓

N. 5,000

N. 8,000

W. 7,000

N. 7,000

N. 6,000

N. 5,100

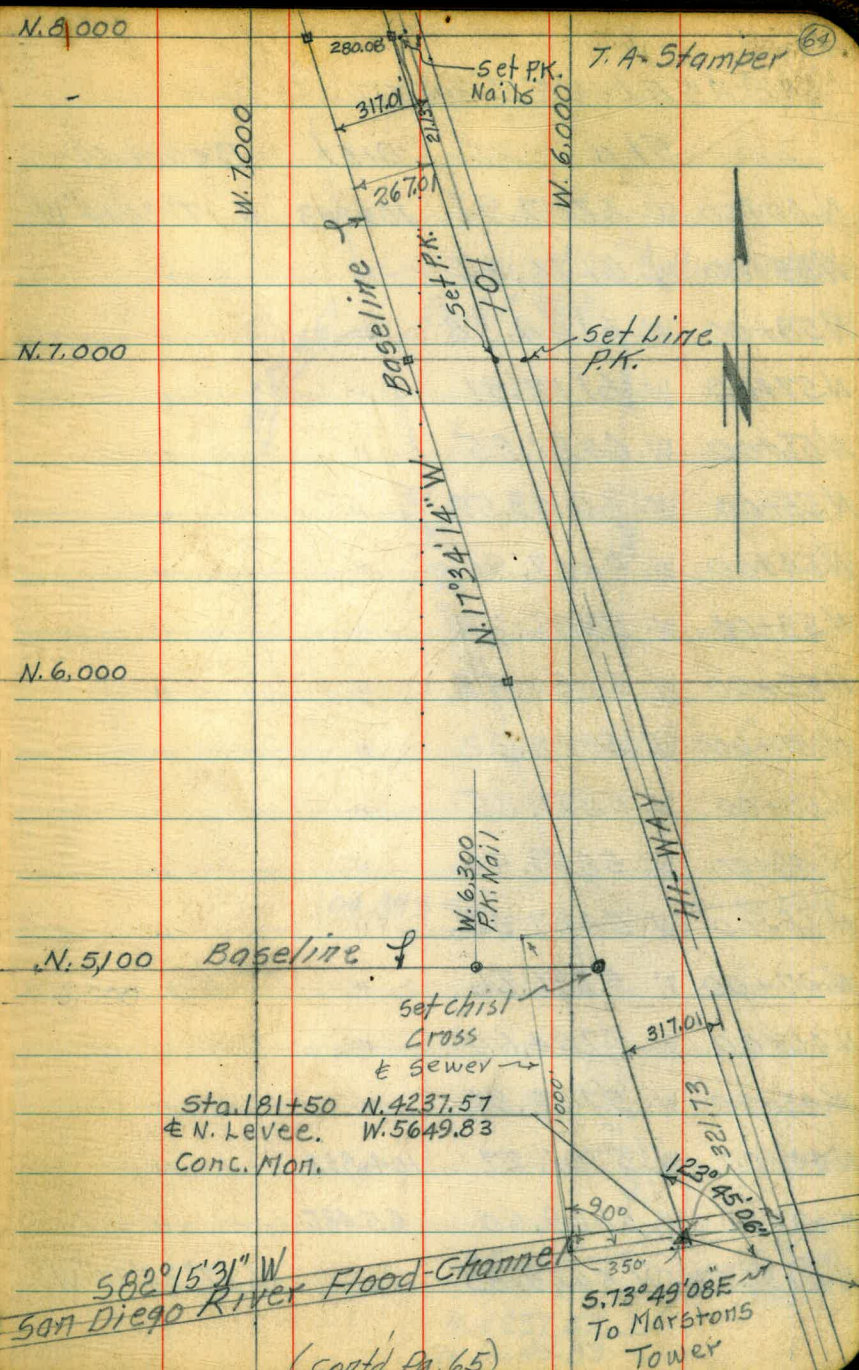
Baseline ↓

Sta. 181+50 N. 4237.57  
 ± N. Levee. W. 5649.83  
 Conc. Mon.

± N. Levee

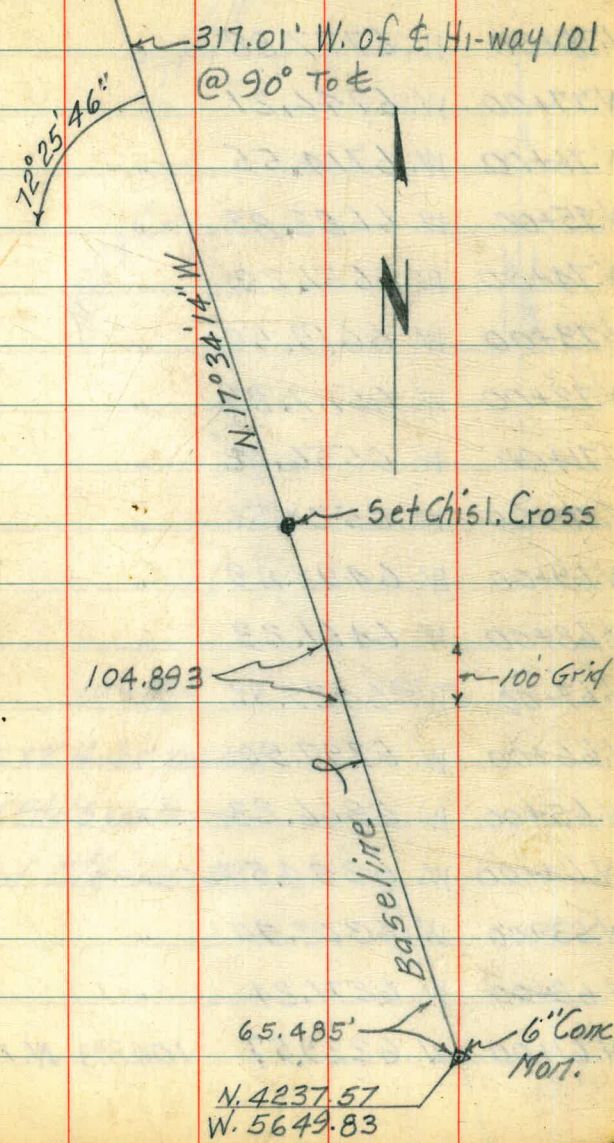
582°15'31" W  
 San Diego River Flood-Channel

(contd. Pg. 65)



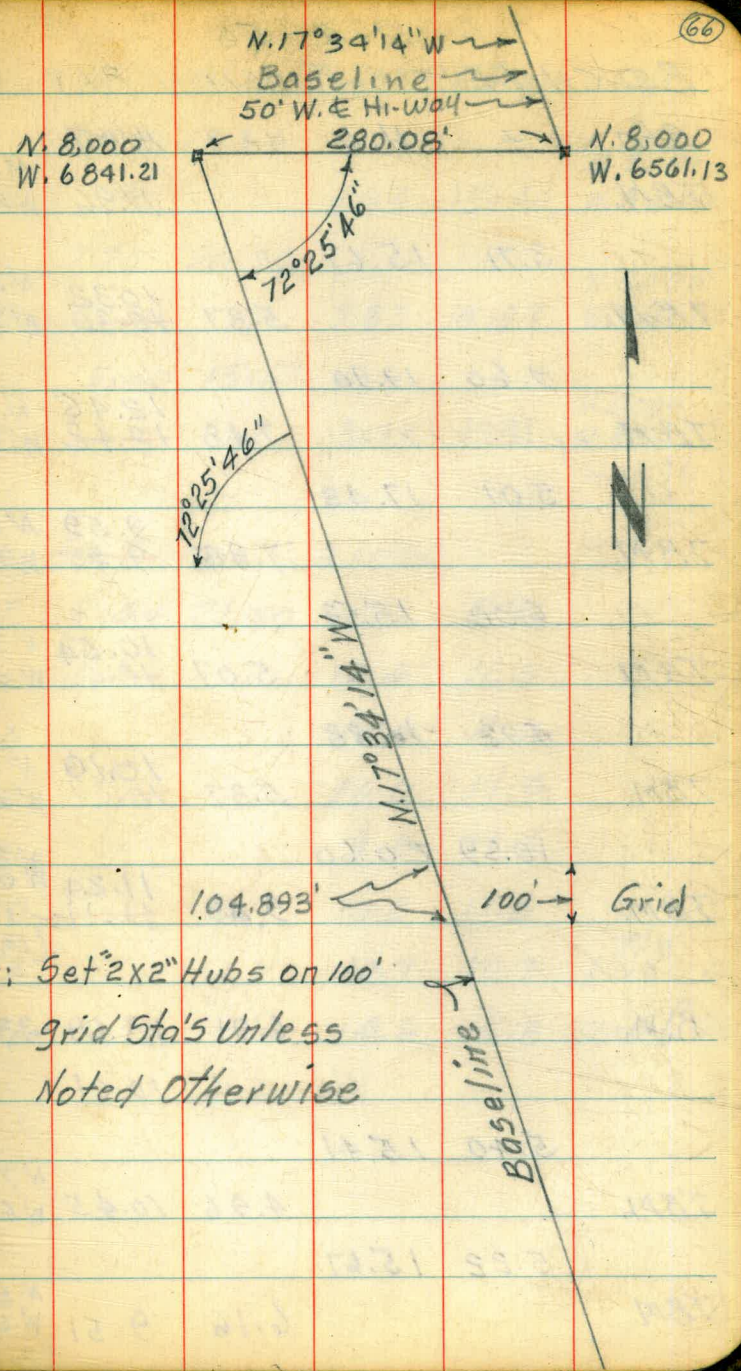
BASELINE CONTD

Sta	Dist	Bearing
N.60+00	W. 6207.91	104.893 N. 17° 34' 14" W
N.59+00	W. 6176.24	" "
N.58+00	W. 6144.58	" "
N.57+00	W. 6112.91	" "
N.56+00	W. 6081.25	" "
N.55+00	W. 6049.58	" "
N.54+00	W. 6017.91	" "
N.53+00	W. 5986.25	" "
N.52+00	W. 5954.58	" "
N.51+00	W. 5922.92	" "
N.50+00	W. 5891.25	" "
N.49+00	W. 5859.59	" "
N.48+00	W. 5827.92	" "
N.47+00	W. 5796.26	" "
N.46+00	W. 5764.60	" "
N.45+00	W. 5732.93	" "
N.44+00	W. 5701.27	104.893
N.43+00	W. 5669.60	65.485
N.42+37.57	W. 5649.83	N. 17° 34' 14" W



BASELINE CONT'D

Sta.	Dist	Bearing
N.80+00	W. 6841.21	104.893 N.17°34'14"W
N.79+00	W. 6809.54	" "
N.78+00	W. 6777.88	" "
N.77+00	W. 6746.21	" "
N.76+00	W. 6714.55	" "
N.75+00	W. 6682.88	" "
N.74+00	W. 6651.22	" "
N.73+00	W. 6619.55	" "
N.72+00	W. 6587.89	" "
N.71+00	W. 6556.22	" "
N.70+00	W. 6524.56	" "
N.69+00	W. 6492.89	" "
N.68+00	W. 6461.23	" "
N.67+00	W. 6429.56	" "
N.66+00	W. 6397.90	" "
N.65+00	W. 6366.23	" "
N.64+00	W. 6334.57	" "
N.63+00	W. 6302.90	" "
N.62+00	W. 6271.24	" "
N.61+00	W. 6239.57	104.893' N.17°34'14"W



NOTE: Set 2x2" Hubs on 100' grid Sta's Unless Noted Otherwise

12-4-56

BENCH LEVELS MISSION BAY

Sta	+	H.I.	-	Elev	
TBM.				11.96	N.5,000 W.8,000
	3.71	15.67			
TBM.			5.37	<del>10.32</del> 10.30	N.5,100 W.7,000
	9.60	19.90			
TBM.			7.48	12.46 <del>12.42</del>	N.5,100 W.6,000
	5.01	17.43			
TBM.			7.90	9.59 <del>9.53</del>	N.6,000 W.6207.91
	6.00	15.53			
TBM.			5.07	10.54 <del>10.47</del>	N.7,000 W.6524.56
	4.92	15.38			
TBM.			5.37	10.10 <del>10.07</del>	N.8,000 W.6841.21
	10.59	20.60			
TBM.			9.49	11.24 <del>11.11</del>	N.8,000 W.6561.13 (Pg. 15)
B.M.			6.91	13.69 13.79	
				10.01	
	5.40	15.41			
TBM.			4.96	10.45	N.7000 W.6524.56
	5.22	15.67			
TBM.			6.16	9.51	N.6,000 W.6207.91

Sta	+	H.I.	-	Elev.	
	7.85	17.36			N.5,100
TBM.			4.96	12.40	W.6,000
	7.70	20.10			
TBM.			9.83	10.27	N.5,100 W.7,000
	5.40	15.67			
TBM.			3.76	11.91	N.5,000 W.8,000 -11.96
					W.78+00; 0+00 = N.5,1000
TBM.	9.44	21.40		11.96	
				10.4	11.0
5100				10.4	11.0
5200				10.0	11.4
5300				9.8	11.6
5400				10.2	11.2
5428				10.7	10.7
5442				4.6	16.8

Toe  
fill  
Topfill

W. 76+00; 0+00 = N. 5,100 12-4-56

Sta	+	H.I.	-	Elev
0		21.40	10.9	10.5
5.100			10.4	11.0
5.200			10.3	11.1
5.300			10.0	11.4
5.362			10.2	11.2

Top Cut

W. 74+00; 0+00 = N. 5,100

0			10.7	10.7
5.100			10.4	11.0
5.200			10.7	10.7
5.278			10.4	11.0

Top Cut

W. 72+00; 0+00 = N. 5,100

0			9.8	11.6
5.100			10.7	10.7
5.200			9.9	11.5
5.300			9.8	11.6
5.310			9.8	11.6
5.325			5.4	16.0

Top fill

Top fill

W. 71+00; 0+00 = N. 5,100

Sta	+	H.I.	-	Elev
0		21.40	10.6	10.8
5.100			9.4	12.0
5.138			9.4	12.0
5.142			11.3	10.1
5.182			10.6	10.8
5.189			9.5	11.9
5.200			9.5	11.9
5.300			9.8	11.6
5.400			9.6	11.8

For Additional  
X-secs This  
Area See  
loose leaf  
Notes

NOTE

Approx. Toe To West

W. 70+00; 0+00 = N. 5,100

0			11.2	10.2
5.100			10.1	11.3
5.200			9.5	11.9
5.220			9.4	12.0
5.226			11.1	10.3
5.256			10.5	10.9
5.270			9.5	11.9
5.300			10.5	10.9
5.400			9.4	12.0

W. 68+00; 0+00 = N. 5,100 12-4-56

Sta	+	H.I.	-	Elev
0		21.40	10.1	11.3
5100			9.8	11.6
5200			10.4	11.0
5300			9.9	11.5
5357			9.1	12.3
5368			10.6	10.8
5394			10.2	11.2
5400			9.9	12.0
5500			9.2	12.2

W. 66+00; 0+00 = N. 5,100

0			9.2	12.2
5100			9.2	12.2
5200			9.5	11.9
5300			9.3	12.1
5400			8.6	12.8
5500			10.0	11.4
5600			9.0	12.4

W. 64+00; 0+00 = N. 5,100

Sta	+	H.I.	-	Elev	
0		21.40	9.6	11.8	
5100			9.6	11.8	
5200			9.3	12.1	
5300			8.3	13.1	
5400			8.6	12.8	
5500			8.0	13.4	
5600			9.7	11.7	
5650			8.3	13.1	
5662			9.8	11.6	
5700			9.3	12.1	
5712			8.1	13.3	
5800			7.0	14.4	
5825			7.1	14.3	Toefill
5840			(-0.5)	21.9	Top fill
TBM.			11.07	10.33	N. 5,100
TBM.				12.46	W. 7,000

12.24 24.70

N. 5,100  
W. 7,000  
N. 5,100  
W. 6,000



W. 62+00; 0+00 = N. 5,100 12-5-56					
Sta	+	H.I.	-	Elev	
0		24.70	12.6	12.1	
5100			11.8	12.9	
5200			12.1	12.6	
5300			12.1	12.6	
5400			13.3	11.4	
5500			12.6	12.1	
5600			11.2	13.5	
5700			11.4	13.3	
5800			12.4	12.3	
5860			9.2	15.5	
5900			9.1	15.6	
5908			8.6	16.1	Top Levee
5918			4.5	20.2	Top Levee
5921			4.10	20.60	EP

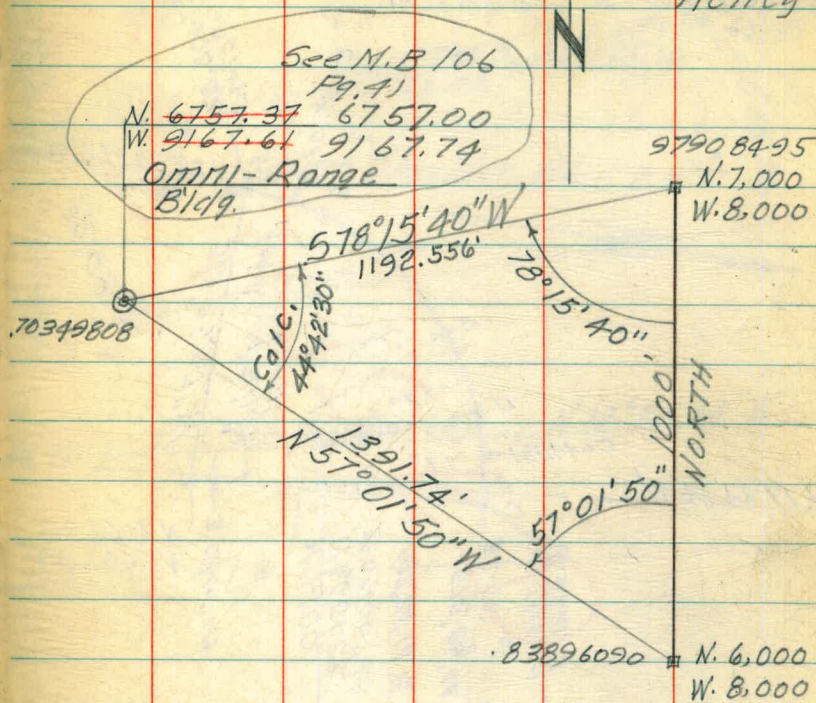
W. 60+00; 0+00 = N. 5,100 (70)					
Sta	+	H.I.	-	Elev.	
0		24.70	12.8	11.9	
5100			12.2	12.5	
5127			12.9	11.8	N. Edge Rd
5151			12.6	12.1	S. Edge Rd.
5200			12.3	12.4	
5300			11.9	12.8	
5400			11.5	13.2	
5500			11.4	13.3	
5600			11.8	12.9	
5700			12.5	12.2	Toe
5750			9.7	15.0	Shldr.
5758			9.35	14.35	N.E.P.
5800			8.40	16.30	S.E.P.
5808			8.7	16.0	Shldr.
5818			10.5	14.2	Toe
5845			9.9	14.8	Toe Rd
5855			7.2	17.5	Toe Levee
5888			7.2	17.5	Toe Levee
5897			3.8	20.9	Top Levee
BM.			3.20	21.50	North N. Levee Sta. 181+50 N. 4237.57 W. 5649.83

LOCATION OF OMNI-RANGE STATION  
MISSION BAY W.O. 64501

Sta.	Object	Angles
N. 6,000; W. 8,000	OMNI-Bldg	1. $57^{\circ} 02' 00''$
N. 6,000; W. 8,000	R ↓	2. $114^{\circ} 03' 45''$
N. 7,000; W. 8,000		6. $342^{\circ} 11' 00''$
		AV. $57^{\circ} 01' 50''$
N. 6,000; W. 8,000		1. $78^{\circ} 15' 30''$
N. 7,000; W. 8,000	R ↓	2. $156^{\circ} 31' 00''$
	Omni-Bldg.	6. $469^{\circ} 34' 00''$
		AV. $78^{\circ} 15' 40''$

1-9-57

Stamper  
Huffman  
Blunt  
Kelley





N. 8400  
 W. 7204  
 N. 8300  
 W. 7170  
 N. 8200  
 W. 7132  
 N. 8100  
 W. 7095  
 N. 8000  
 W. 7055

N.  $21^{\circ}48'10''$  W  
 N.  $20^{\circ}18'20''$  W  
 N.  $20^{\circ}48'30''$  W  
 N.  $18^{\circ}46'40''$  W  
 N.  $18^{\circ}46'40''$  W  
 N.  $0^{\circ}30'50''$  RT

107.70  
 106.63  
 106.98  
 105.62  
 105.30  
 105.62  
 105.62  
 104.70  
 104.40

8 =  $1^{\circ}29'50''$  RT  
 9 =  $0^{\circ}30'10''$  LT  
 10 =  $20'50''$  RT  
 11 =  $0^{\circ}30'50''$  RT

T =  $0^{\circ}00'10''$  LT

+ 12

R.O.W. U.S. 101

LIMITS of

N. 8500  
 W. 7237  
 N. 8600  
 W. 7271  
 N. 8700  
 W. 7305  
 N. 8800  
 W. 7336

N.  $18^{\circ}46'40''$  W  
 N.  $17^{\circ}13'30''$  W  
 N.  $16^{\circ}42''$  W  
 N.  $15^{\circ}03'30''$  RT  
 N.  $17^{\circ}34'14''$  W

1815.50  
 105.30  
 105.62  
 105.62  
 104.70  
 104.40

12 =  $0^{\circ}30'50''$  LT  
 13  
 14 =  $1^{\circ}35'10''$  RT  
 15 =  $0^{\circ}31'30''$  RT

Top of Shoulder  
 Elev. + 11

N.  $17^{\circ}34'14''$  W

Fill & Elev. + 10

N 9000  
W 7397

N 8900  
W 7366

N 8800  
W 7336

N. 17° 3' 30" W  
104.70'

N. 16° 42' W  
104.40'

N. 17° 13' 30" W  
104.70'

16 = 0° 31' 30" L.A.

15 = 0° 31' 30" RT



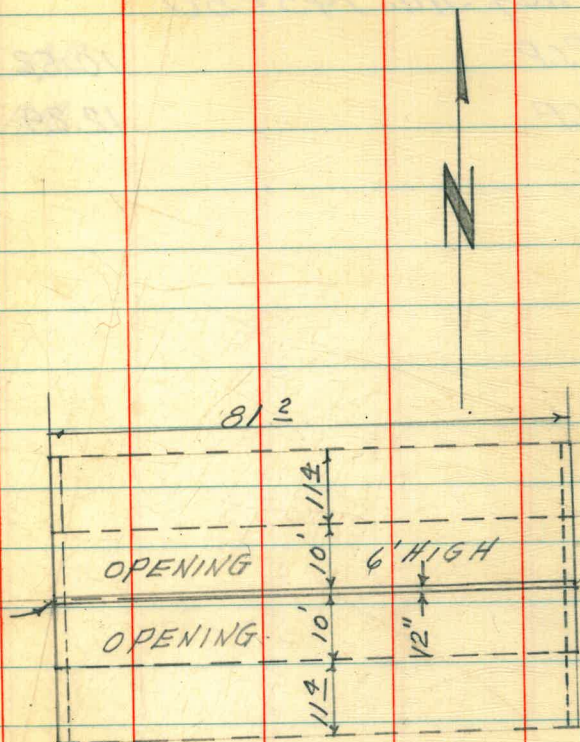
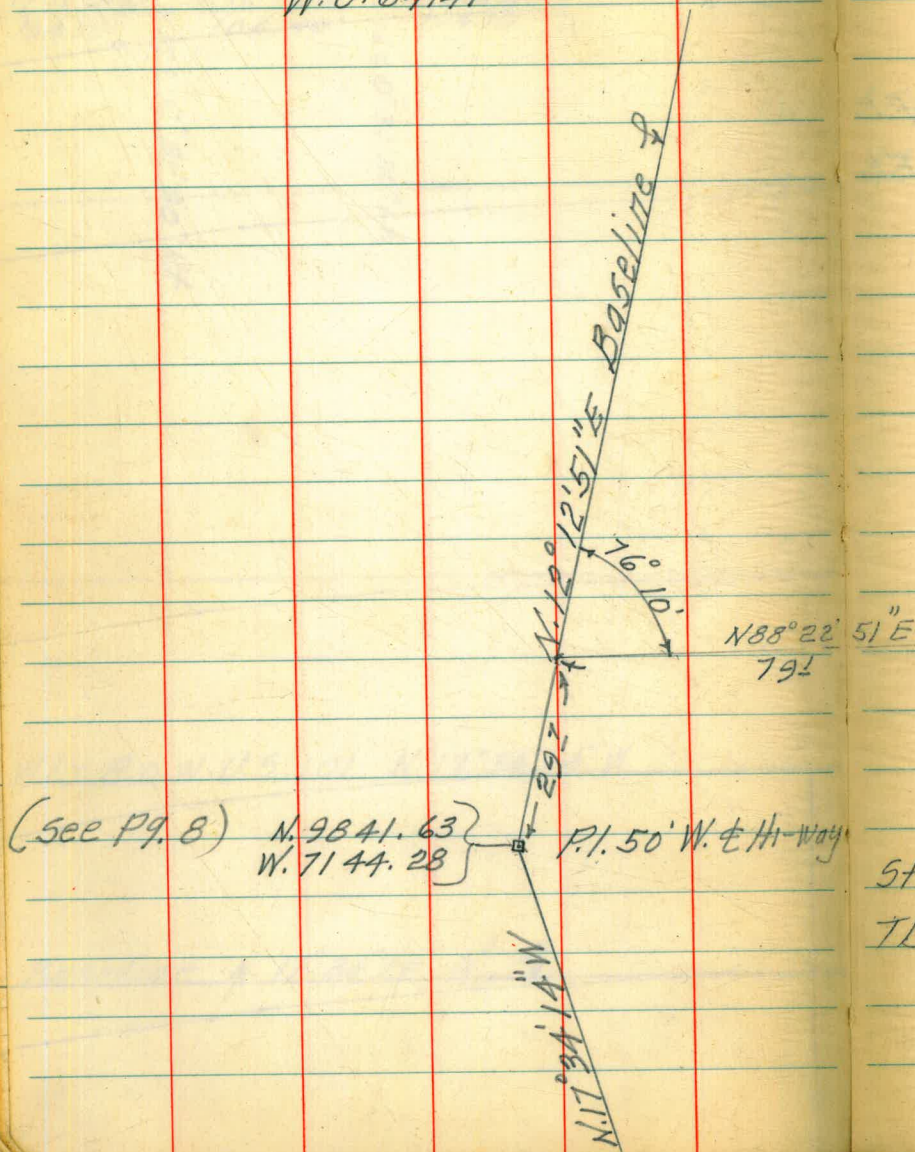
WLY R.O. W. U.S. 101 N. 17° 34' 14" W

Baseline N. 17° 34' 14" W

LOCATION OF BRIDGE N<sup>o</sup> 57-187  
 HIGHWAY @ STA 128+00  
 W.O. 64141

7-8-57

73  
 Stamper  
 Sisson  
 Kelley  
 Elmore



NOTE: Direct Elev. Rod Used

Sta	Elev.	P.I. HUB
TBM.	6.64	N. 9841.63
	3.55	Ely F.L.
	<u>3.11</u>	Wly F.L.

355  
 34  
 6195

FLOW LINE OF 30" R.C.P. @  
AT & S. F. R.R. EAST & WEST SIDE  
TBM. 10.79 <sup>To P Hub</sup> N. 11400

Hi-Way Sta. 143+50

30" RCP 10.52 W 1/4 F.L. AT & S. F. R.R.

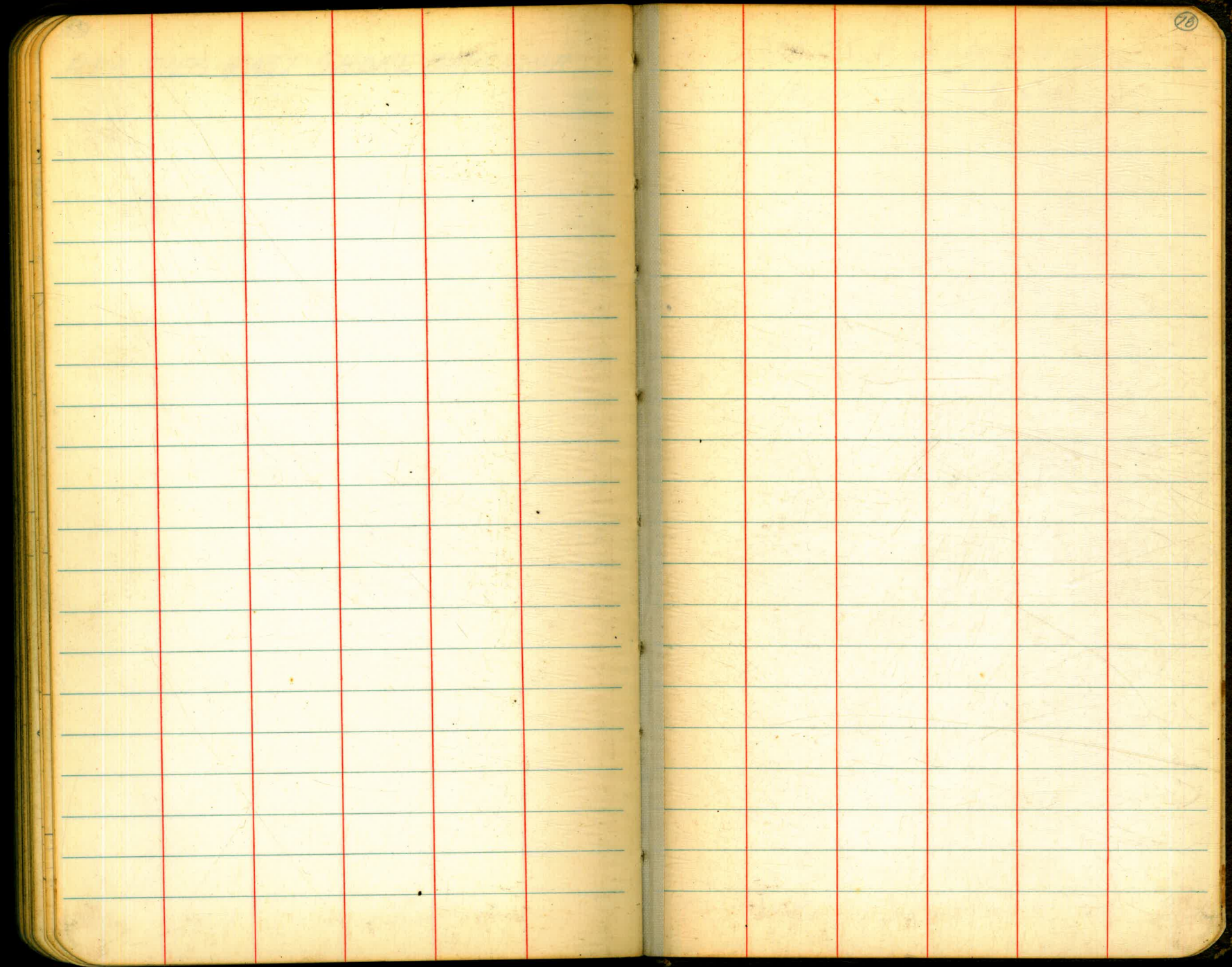
30" RCP 12.29 E 1/4 F.L. AT & S. F. R.R.

7-8-57

REF. TIES EAST SHORE BASELINE

77





Set B L - W 12,000 from  
N. 8,000; To N 9,600

545  
964  

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1509  
495  

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10.14

N9000; 0+00 = W7280  
Check W-500'

86 35 52  
46 85 52  

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93 11 44