1480

LEVEL BOOK

Version

1400
1200
43.360 / 1,680,000 / 3

Index

Alignment of Proposed connection of Powder House Canyon Road and Alabama St. 1-

N

We also
extra st
of book), w
price.

In orde
letter *"F"*

THE

ENGINE

Alignment of Proposed Connection of Powder House Canyon Road and Alabama St.

H.L. Landweer
A.E. Franklin ch.
J. Partridge ch
1-15-34

1

3+50	6°47'08	
		ch. 49.91
3+00	1°03'23"	
		ch 9.21
2+90.78 BC	0°00'	
2+50		
2+00		
1+50		
1+00		
0+50		
0+00		

R 250.00
Δ 64°00'
Ts 156.22
L 279.25
Def per ft. 412.5

Nail in Header ← End of pave

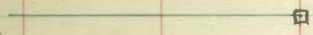
City 7' point . 23.0

E. Alabama St.

City 7' point . 23.0

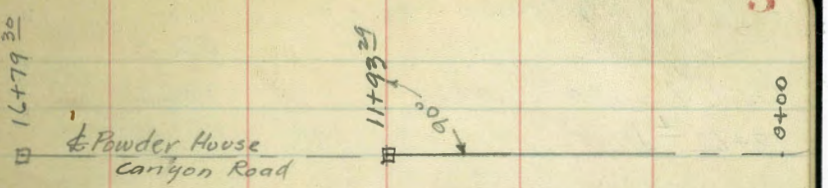
8+82 ^{42} EC	26° 30'	
		ch 32.40
8+50	22° 47' 05	
8+00	17° 03' 19"	
7+50	11° 19' 33"	
		ch. 49.91
7+00	5° 35' 47	
		ch. 48.76
6+51 ^{16} BC	0° 00'	
6+50		
6+00		
5+70 ^{03} EC.	32° 00'	
		ch 20.02
5+50	29° 42' 08"	
5+00	23° 58' 23"	
4+50	18° 14' 38"	
4+00	12° 30' 53"	

R 250.00
Δ 53° 00'
Ts 124.65
L 231.26
Def. per ft. 412.52"



13+62 [44] = 11+93 [29] ℄ Powder House Canyon Road

13+62 [14] EC	53°07'45	ch 12.12
13+50	48°12'15"	ch 48.96
13+00	27°55'17	ch 48.96
12+50	7°38'19"	ch 18.77
12+31 [17] BC.	0°00'	
12+00		
11+77 [42] EC	14°00'	ch 27.60
11+50	10°50'06"	ch 49.91
11+00	5°06'19"	ch 44.47
10+55 [45] BC	0°00'	
10+50		
10+00		
9+50		
9+00		



R = 70.62
Δ 106°15'30
T 94.12
L 130.97
Def per ft. 1460.37"

R 250.00
Δ 28°00'
T 62.33
L 122.17
Def per ft 412.54"

Profile of Proposed Alabama St connection

	+	H.I.	−	Elev
B.M. #2	4.49	183.09 ✓		178.60
13+62 14 ℄ int = EC.			11.96	171.13
13+50			13.6	169.5
13+49			15.6	167.5
13+35	W.W		150	168.1
13+33			11.7	171.4
13+00			12.5	170.6
12+50			8.6	174.5
12+31 17 BC			6.6	176.5
T.P	12.27	192.28	3.08.	180.01 ✓
1H77 62 EC			7.0	185.3
1H50			4.8	187.5
11+00			5.1	187.5
10+55 45 BC			5.1	187.5
10+50			4.1	188.2
T.P.	12.42	204.48	0.22	192.06 ✓
10+00			13.7	190.8

	+	H.I	-	Elev
		204.48		
9+50			9.8	194.7
9+00			1.8	202.7
8+82 42 EC			4.1	200.4
8+55	W.W.		8.2	196.3
8+50			3.3	201.2
T.P.	12.00	215.69	0.79	203.69
8+00			2.7	213.0
T.P	1241	227.71	039	215.30
7+50			45	223.2
T.P	11.05	238.23	0.53	227.18
7+00			9.5	228.7
6+51 16 BC			6.83	231.40
6+50			6.8	231.4
6+00			5.2	233.0 223.5
5+70 03 EC.			4.11	234.12
5+50			33	234.9
T.P	12.72	250.32	0.63	237.60

	+	H.I	-	Elev	
		250.32 ✓			
5+00			10.2	240.1	
4+50			14.8	235.5	
4+15	Top bank		12.3	238.0	
4+00	W.W.		17.0	233.3	
3+75	Top bank		3.6	246.7	
T.P.	12.71	262.93 ✓	0.10	250.22	
3+50			11.9	251.0	
3+21	Top bank		2.7	260.2	
3+00			3.1	259.8	
2+90	78 B.C.		3.01	259.92	
2+50			2.8	260.1	
2+00			2.3	260.6	
1+50			1.8	261.1	
1+00			1.8	261.1	
0+50			2.0	260.9	
0+00	End pave & Alabama		2.78	260.15 ✓	260.15

Alignment of alternat Connection from 5+70.03 back to constructed Road

A.L Landweer Ch
A.E Franklin Ch
J.A Partridge Ch.

7

6+51.46 BC

6+50

6+00

5+70.03 EC

5+50

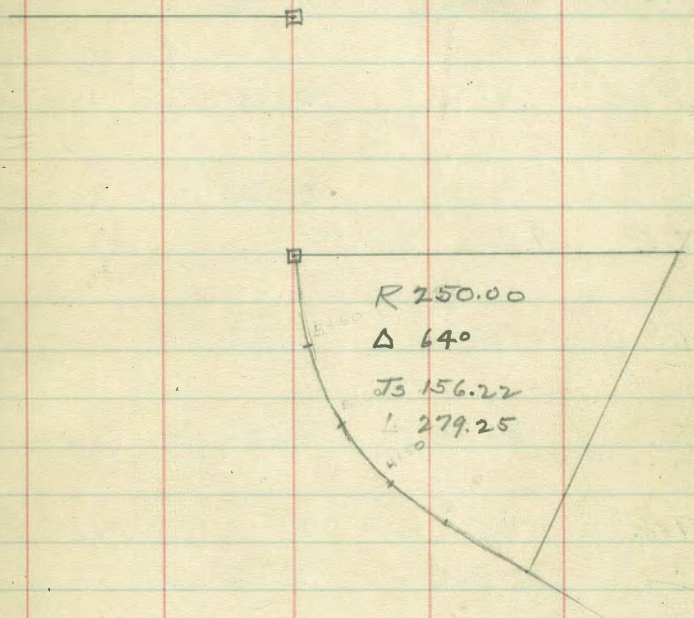
5+00

4+50

4+00

3+50

3+31.5± ℄ int constructed road



To Alabama St →

Profile of alternate connection from 5+70.03 back to constructed road

		H.I.	— 10'L	— ℄	— 10'R	Elev.
BM	2.40	233.80				231.40
7+50			7.8	10.5	13.5	
7+00			3.0	5.1	7.2	
6+50			1.3	2.5	4.8	
T.P	9.94	241.34		2.40		231.40
6+00			7.1	8.4	11.4	
5+50			4.6	5.2	7.4	
T.P.	11.35	251.77		0.92		240.42
5+00			9.1	10.4	11.6	
4+50			4.5	6.0	8.5	
4+00			0.2	1.1	1.4	
T.P.	11.27	262.90		0.14		251.63
3+75	Toe slope		7.3	8.5	9.2	
3+57	Top "		0.7	1.1	1.8	
3+31	5' ± int		1.7	2.1	2.4	
T.P				12.63		250.27

Hub Sta 6+51.16

10'L	℄	10'R
226.0	223.3	220.3
230.8	228.7	226.6
232.5	231.3	229.0
234.2	232.9	229.9
236.7	236.1	233.9
242.7	241.4	240.2
247.3	245.8	243.3
251.6	250.7	250.4
255.6	254.4	253.7
262.2	261.8	261.1
261.2	260.8	260.5

250.22

Sta.	—	H.I. 6.73	—	Elev.
N 11+25	W 5+00	6.78	5.6	1.2
	50		5.1	1.7
	75		5.2	1.6
12+00			5.0	1.8
	25		4.7	2.1
	50		4.5	2.3
	75		4.6	2.2
13+00			4.3	2.5
	50		4.8	2.0
	60		2.7	4.1
14+00			1.3	5.5
	+15		4.4	2.4
		W 5+25		
N 14+15			4.1	2.7
14+00			1.4	5.4
13+60			2.4	4.4
	45		4.5	2.3
13+00			4.1	2.7
12+75			4.5	2.3
	50		4.4	2.4
	25		4.7	2.1
12+00			4.7	2.1
11+75			4.9	1.9
	50		5.2	1.6
	25		5.8	1.0

Note:-

Notes continued from Book No. 1483

Feb 12th 1934
Agnew - Inst
Engert - Rod.
Colvin
Higgins
} c/z

Toe of Bank
Top " "
" " "
Toe " "

" " "
Top " "
" " "
Toe " "

Sta	+	HI	−	Elev	
N11+25 W5+50		6.78	6.1	0.7	
+50			5.7	1.1	
75'			5.4	1.4	
12+00			5.2	1.6	
+25'			4.9	1.9	
50			4.6	2.2	
75'			4.2	2.6	
13+00			4.4	2.4	
+50			4.2	2.6	Toe of Slope
60			2.4	4.4	Top " "
90			0.5'	6.3	" " "
14+05'			4.0	2.8	Toe " "
	W5+75'				
14+05'			3.9	2.9	" " "
13+90			0.6	6.2	Top " "
+60			2.9	3.9	" " "
+50			3.9	2.9	Toe " "
13+00			4.6	2.2	
12+75'			4.5'	2.3	
50			4.5	2.3	
25'			5.4	1.4	
12+00			5.7	1.1	
11+75'			6.2	0.8	
50			6.1	0.7	
25'			6.3	0.5	

Sta.	+	HI	−	Elev
N11+25	W6+00	6.78	7.2	-0.4
50			7.0	-0.2
75			6.9	-0.1
12+00			7.1	-0.3
25			7.1	-0.3
50			6.9	-0.1
75			6.8	0.0
13+00			6.8	0.0
50			6.3	0.5
14+00			6.3	0.5
	W6+25			
N14+00			6.3	0.5
13+50			6.5	0.3
13+00			6.2	0.6
12+75			6.5	0.3
50			7.0	-0.2
25			6.4	0.4
12+00			6.3	0.5
11+75			5.9	0.9
50			5.9	0.9
25			5.0	1.8

East Side Bond St.

Sta.	+	H.I.	−	Elev
N11+25	W6+50	6.78	6.2	0.6
+50			6.3	0.5
75			6.1	0.7
12+00			6.0	0.8
+25			6.2	0.6
50			6.2	0.6
75			6.0	0.8
13+00			5.8	1.0
13+50			6.2	0.6
14+00			6.4	0.4
	W6+75			
N14+00			3.9	2.9
+50			5.2	1.6
13+00			4.5	2.3
12+75			4.7	2.1
+50			4.7	2.1
+25			5.0	1.8
12+00			4.8	2.0
11+75			5.0	1.8
50			5.1	1.7
25			5.3	1.5

Stg.	+	HI	−	Elev	
N11+25	W7+00	6.78	5.4	1.4	
50			5.5	1.3	
75			5.1	1.7	
12+00			4.8	2.0	
25			4.8	2.0	
50			4.8	2.0	
75			4.7	2.1	
13+00			4.6	2.2	
+60			4.2	2.6	
70			3.7	3.1	
90			2.6	4.2	
14+00			3.8	3.0	
	W7+25				
N14+00			3.6	3.2	
13+90			2.3	4.5	
70			2.5	4.3	
55			4.3	2.5	
13+00			4.7	2.1	
12+75			4.6	2.2	
50			4.8	2.0	
25			4.8	2.0	
12+00			5.0	1.8	
11+75			5.1	1.7	
50			5.1	1.7	
25			5.1	1.7	
BM #2-P	5.84	7.08 7.13		1.29	1.24

Feb 13th 1934
Agnew - Inst.
Engert - Rod.
Colvin.
Higgins } ch.

Toe of Slope
Top " "
" " "
Toe " "

" " "
Top " "
" " "
Toe " "

Sta.	+	H.I.	−	Elev	
N 11+25	W 7+50	7.13	5.4	1.7	
50			5.3	1.8	
75			5.5	1.6	
12+00			5.5	1.6	
+25			5.5	1.6	
50			5.3	1.8	
75			5.0	2.1	
13+00			5.1	2.0	
13+60			4.8	2.3	Toe of Slope
70			2.2	4.9	Top " "
85			2.4	4.7	" " "
14+00			4.1	3.0	Toe " "
	W 7+75				
14+00			4.0	3.1	" " "
13+85			2.0	5.1	Top " "
70			2.2	4.9	" " "
55			4.6	2.5	Toe " "
13+00			5.3	1.8	
12+75			5.4	1.7	
+50			5.5	1.6	
25			5.6	1.5	
12+00			5.5	1.6	
11+75			5.7	1.4	
50			5.5	1.6	
25			5.5	1.6	

Stn.	+	HI	−	Elev.	
N 11+25	W 8+00	7.13	5.6	1.5	
50			5.7	1.4	
75			5.6	1.5	
12+00			5.5	1.6	
25			5.5	1.6	
50			5.4	1.7	
75			5.3	1.8	
13+00			5.1	2.0	
13+55			4.8	2.3	Toe of slope.
70			2.5	4.6	Top " "
85			2.1	5.0	" " "
95			4.0	3.1	Toe " "
	W 8+25				
13+95			4.2	2.9	" " "
85			2.0	5.1	Top " "
70			2.5	4.6	" " "
55			5.0	2.1	Toe. " "
13+00			5.2	1.9	
12+75			5.4	1.7	
50			5.3	1.8	
25			5.5	1.6	
12+00			5.4	1.7	
11+75			5.4	1.7	
50			5.6	1.5	
25			5.6	1.5	

Sta.	+	H.I.	−	Elev.	
N 11+25	W 8+50	7.13	5.4	1.7	
50			5.5	1.6	
75			5.4	1.7	
12+00			5.2	1.9	
+25			5.2	1.9	
50			5.3	1.8	
75			5.3	1.8	
13+00			5.3	1.8	
55			5.1	2.0	Toe of Slope
70			2.5	4.6	Top " "
85			2.0	5.1	" " "
95			4.2	2.9	Toe " "
	W 8+75				
13+95			4.2	2.9	" " "
85			2.0	5.1	Top " "
70			2.2	4.9	" " "
55			5.2	1.9	Toe " "
13+00			5.2	1.9	
12+75			5.2	1.9	
50			5.2	1.9	
25			5.2	1.9	
12+00			5.2	1.9	
11+75			5.4	1.7	
50			5.5	1.6	
25			5.6	1.5	

Sta.	+	H.I.	−	Elev.	
N 11+25	W 9+00	7.13	5.4	1.7	
50			5.4	1.7	
75			5.5	1.6	
12+00			5.4	1.7	
25			5.4	1.7	
50			5.7	1.4	
75			5.9	1.2	
13+00			6.0	1.1	
+55			5.8	1.3	Toe of Slope.
70			2.2	4.9	Top " "
85			1.8	5.3	" " "
95			4.4	2.4	Toe " "
	W 9+25				
13+95			4.3	2.8	" " "
85			1.8	5.3	Top " "
70			2.1	5.0	" " "
55			5.7	1.4	Toe " "
13+00			5.6	1.5	
12+75			5.7	1.4	
50			5.6	1.5	
25			5.3	1.8	
12+00			5.2	1.9	
11+75			5.1	2.0	
50			5.0	2.1	
25			5.4	1.7	

Sta	+	HI	-	Elev.	
N 11+25	W 9+50	7.13	5.6	1.5	
50			5.1	2.0	
75			5.0	2.1	
12+00			5.0	2.1	
25			5.1	2.0	
50			5.2	1.9	
75			5.1	2.0	
13+00			5.1	2.0	
55			5.0	2.1	Toe of Slope
70			2.0	5.1	Top " "
85			2.0	5.1	" " "
95			4.1	3.0	Toe " "
	W 9+75				
13+95			4.0	3.1	" " "
+85			1.6	5.5	Top " "
70			1.7	5.4	" " "
55			5.4	1.7	Toe " "
13+00			5.0	2.1	
12+75			5.1	2.0	
50			5.0	2.1	
25			4.9	2.2	
12+00			4.7	2.4	
11+75			4.9	2.2	
50			5.2	1.9	
25			6.0	1.1	

Sta.	+	HI	−	Elev.	
N11+25	W10+00	7.13	5.9	1.2	
50			4.8	2.3	
75			4.7	2.4	
12+00			4.8	2.3	
25			4.7	2.4	
50			4.9	2.2	
75			5.1	2.0	
13+00			5.3	1.8	
55			5.4	1.7	Toe of Slope
70			1.6	5.5	Top " "
85			1.5	5.6	" " "
95			4.0	3.1	Toe " "
	W10+25				
13+95			4.0	3.1	Toe " "
85			1.4	5.7	Top " "
70			1.4	5.7	" " "
55			5.3	1.8	Toe " "
13+00			5.2	1.9	
12+75			4.7	2.4	
50			4.8	2.3	
25			4.7	2.4	
12+00			4.8	2.3	
11+75			4.8	2.3	
50			5.9	1.2	
25			5.6	1.5	

Sta.	+	HI	−	Elev
N 11+25	W 10+50	7.13	5.3	1.8
50			5.8	1.3
75			5.9	1.2
12+00			4.6	2.5
25			4.9	2.2
50			4.7	2.4
75			4.7	2.4
13+00			4.8	2.3
55			5.4	1.4
70			1.4	5.7
85			1.3	5.8
95			3.7	3.4
	W 10+75			
13+95			3.7	3.4
85			1.0	6.1
70			1.1	6.0
55			5.2	1.9
13+00			4.8	2.3
12+75			4.7	2.4
50			4.7	2.4
25			5.0	2.1
12+00			5.4	1.7
11+75			5.7	1.4
50			5.3	1.8
25			5.1	2.0

Toe of Slope
Top " "
" " "
Toe " "

" " "
Top " "
" " "
Toe " "

Sta.	+	H.I.	−	Elev	
N11+25	W11+00	7.13	5.2	1.9	
50			5.4	1.7	
75			5.7	1.4	
12+00			5.8	1.3	
25			5.1	2.0	
50			4.8	2.3	
75			4.7	2.4	
13+00			4.9	2.2	
55			4.9	2.2	Toe of Slope
70			1.0	6.1	Top " "
85			1.0	6.1	" " "
95			3.8	3.3	Toe " "
	W11+25				
13+95			3.9	3.2	" " "
85			0.8	6.3	Top " "
70			1.1	6.0	" " "
55			5.0	2.1	Toe " "
13+00			4.7	2.4	
12+75			4.5	2.6	
50			5.1	2.0	
25			5.4	1.7	
12+00			5.5	1.6	
11+75			5.4	1.7	
50			5.6	1.5	
25			4.6	2.5	

Sta	+	HI	−	Elev.	
N 11+25	W 11+50	7.13	4.5	2.6	
50			4.7	2.4	
75			5.4	1.7	
12+00			5.5	1.6	
25			5.4	1.7	
50			5.4	1.7	
75			4.5	2.6	
13+00			4.6	2.5	
55			4.8	2.3	Toe of Slope.
70			0.7	6.4	Top " "
85			0.5	6.6	" " "
95			3.9	3.2	Toe " "
	W 11+75				
13+95			3.7	3.4	" " "
85			0.5	6.6	Top " "
70			0.2	6.9	" " "
55			4.7	2.4	Toe " "
13+00			4.5	2.6	
12+75			5.1	2.0	
50			5.3	1.8	
25			5.2	1.9	
12+00			5.6	1.5	
11+75			4.9	2.2	
50			4.4	2.7	
25			5.2	1.9	

Sta.	+	HI	−	Elev
N 11+25	W 12+00	7.13	5.4	1.7
50			5.5	1.6
75			5.1	2.0
12+00			5.0	2.1
25			5.5	1.6
50			5.3	1.8
75			5.4	1.7
13+00			4.9	2.2
55			4.4	2.7
70			0.6	6.5
85			− 1.0	8.1
95			3.3	3.8
BM #4-P	3.88	3.07		−0.81
0+0			4.72	− 1.65
	E 0.25			
N 0+00			4.5	−1.4
25			4.7	−1.6
50			4.7	−1.6
75			4.8	−1.7
1+00			4.7	−1.6
+ 25			4.8	−1.7
50			5.0	−1.9
75			5.0	−1.9
2+00			4.9	−1.8

4.72
3.07
1.65

Toe of Slope
Top " "
" " "
Toe " "

Sta.	+	HI	−	Elev
N 2+00	E 0+50	3.07	5.0	-1.9
1+75			5.0	-1.9
50			5.0	-1.9
25			4.9	-1.8
1+00			4.8	-1.7
0+75			4.8	-1.7
50			4.8	-1.7
25			4.8	-1.7
0+00			4.9	-1.8
	E 0+75			
N 0+00			4.9	-1.8
25			4.8	-1.7
50			4.9	-1.8
75			4.7	-1.6
1+00			4.9	-1.8
25			5.0	-1.9
50			5.0	-1.9
75			5.1	-2.0
2+00			5.0	-1.9

Sta.	+	H.I.	−	Elev
	E 1+00	3.07		
N 2+00			5.1	-2.0
1+75			5.1	-2.0
50			5.0	-1.9
25			5.1	-2.0
1+00			4.9	-1.8
0+75			4.8	-1.7
50			4.9	-1.8
25			4.7	-1.6
0+00			5.1	-2.0
	E 1+25			
N 0+00			5.1	-2.0
+25			5.1	-2.0
50			4.9	-1.8
75			4.8	-1.7
1+00			4.9	-1.8
25			5.1	-2.0
50			5.1	-2.0
75			5.2	-2.1
2+00			5.2	-2.1

Sta.	+	HI	−	Elev
N2+00	E1+50	3.07	5.3	-2.2
1+75			5.2	-2.1
50			5.2	-2.1
25			5.2	-2.1
1+00			5.3	-2.2
0+75			4.7	-1.6
50			4.9	-1.8
25			4.9	-1.8
0+00			5.2	-2.1
	E 1+75			
N0+00			5.3	-2.2
25			5.2	-2.1
50			5.2	-2.1
75			5.4	-2.3
1+00			5.4	-2.3
25			5.3	-2.2
50			5.3	-2.2
75			5.3	-2.2
2+00			5.3	-2.2

Sta.	+	HI	-	Elev
N2+00	E2+00	3.07	5.3	-2.2
1+75			5.4	-2.3
50			5.4	-2.3
25			5.4	-2.3
1+00			5.4	-2.3
0+75			5.3	-2.2
50			5.2	-2.1
25			5.3	-2.2
0+00			5.2	-2.1
	E0+25			
N2+25			5.1	-2.0
50			5.1	-2.0
75			4.9	-1.8
3+00			5.0	-1.9
+25			4.9	-1.8
50			4.8	-1.7
75			5.0	-1.9
4+00			5.0	-1.9
	E0+50			
N4+00			4.9	-1.8
3+75			5.0	-1.9
50			4.9	-1.8
25			4.9	-1.8
3+00			5.0	-1.9
2+75			4.9	-1.8
50			5.0	-1.9
25			5.2	-2.1

Sta.	+	HI	−	Elev
N 2+25	E 0+75	3.07	5.1	-2.0
50			5.1	-2.0
75			4.9	-1.8
3+00			5.0	-1.9
+25			5.0	-1.9
50			5.1	-2.0
75			5.0	-1.9
4+00			5.0	-1.9
	E 1+00			
N 4+00			5.0	-1.9
3+75			5.0	-1.9
+50			5.1	-2.0
25			5.1	-2.0
3+00			5.0	-1.9
2+75			4.9	-1.8
50			5.0	-1.9
25			5.0	-1.9
	E 1+25			
N 2+25			5.1	-2.0
50			5.0	-1.9
75			5.1	-2.0
3+00			5.2	-2.1
25			5.2	-2.1
50			5.1	-2.0
75			5.1	-2.0
4+00			5.0	-1.9

Sta.	+	HI	−	Elev
N4+00	E1+50	3.07	5.1	-2.0
3+75			5.1	-2.0
50			5.1	-2.0
25			5.2	-2.1
3+00			5.2	-2.1
2+75			5.2	-2.1
50			5.2	-2.1
25			5.3	-2.2
	E1+75			
N2+25			5.3	-2.2
50			5.2	-2.1
75			5.2	-2.1
3+00			5.2	-2.1
+ 25			5.2	-2.1
50			5.2	-2.1
75			5.2	-2.1
4+00			5.1	-2.0
	E2+00			
N4+00			5.3	-2.2
3+75			5.2	-2.1
50			5.2	-2.1
25			5.2	-2.1
3+00			5.2	-2.1
2+75			5.2	-2.1
50			5.1	-2.0
25			5.4	-2.3

Stn	+	HI	−	Elev	
BM#4-P	4.53	3.72		−0.81	
BM#6-P			4.26	−0.54	0.55 1403/17
BM#13-P			3.60	0.12	
	E 0+25				
N 4+25			5.4	−1.7	
50			5.4	−1.7	
75			5.3	−1.6	
5+00			5.5	−1.8	
25			5.5	−1.8	
50			5.4	−1.7	
75			5.3	−1.6	
6+00			5.1	−1.4	
	E 0+50				
N 6+00			5.1	−1.4	
5+75			5.1	−1.4	
50			5.4	−1.7	
25			5.4	−1.7	
5+00			5.5	−1.8	
4+75			5.5	−1.8	
50			5.5	−1.8	
25			5.5	−1.8	

Sta E 4+00 N 7+00

Sta.	+	HI	−	Elev
N4+25	E5+75	3.72	5.6	-1.9
50			5.5	-1.8
75			5.6	-1.9
5+00			5.5	-1.8
25			5.4	-1.7
50			5.3	-1.6
75			5.1	-1.4
6+00			5.1	-1.4
	E1+00			
N6+00			5.1	-1.4
5+75			5.2	-1.5
50			5.3	-1.6
25			5.4	-1.7
5+00			5.5	-1.8
4+75			5.5	-1.8
50			5.6	-1.9
25			5.6	-1.9
	E1+25			
N4+25			5.6	-1.9
50			5.6	-1.9
75			5.6	-1.9
5+00			5.4	-1.7
25			5.4	-1.7
50			5.3	-1.6
75			5.2	-1.5
6+00			5.1	-1.4

Sta.	+	HI	-	Elev
N6+00	E1+50	3.72	5.2	-1.5
5+75			5.3	-1.6
50			5.3	-1.6
25			5.5	-1.8
5+00			5.5	-1.8
4+75			5.7	-2.0
50			5.7	-2.0
25			5.7	-2.0
	E1+75			
N4+25			5.8	-2.1
50			5.8	-2.1
75			5.6	-1.9
5+00			5.6	-1.9
25			5.4	-1.7
50			5.5	-1.8
75			5.3	-1.6
6+00			5.3	-1.6
	E2+00			
N6+00			5.3	-1.6
5+75			5.4	-1.7
50			5.4	-1.7
25			5.6	-1.9
5+00			5.8	-2.1
4+75			5.8	-2.1
50			5.9	-2.2
25			5.9	-2.2

Sta.	+	H.I.	−	Elev.
N6+25	E 0+25	3+72	5.0	-1.3
50			4.8	-1.1
75			5.0	-1.3
7+00			4.9	-1.2
25			4.8	-1.1
50			4.8	-1.1
75			5.0	-1.3
8+00			5.0	-1.3
	E 0+50			
8+00			4.1	-0.4
7+75			4.4	-0.7
50			4.6	-0.9
25			4.7	-1.0
7+00			5.0	-1.9
6+75			4.9	-1.2
50			5.0	-1.3
25			5.1	-1.4
	E 0+75			
6+25			5.0	-1.3
50			5.1	-1.4
75			4.9	-1.2
7+00			4.9	-1.2
25			4.7	-1.0
50			4.5	-0.8
75			4.4	-0.7
8+00			4.3	-0.6

Sta.	+	HI	−	Elev
N8+00	E1+00	3.72	4.4	-0.7
7+75			4.4	-0.7
50			4.5	-0.8
25			4.8	-1.1
7+00			5.0	-1.3
6+75			5.1	-1.4
50			5.0	-1.3
25			5.0	-1.3
	E1+25			
N6+25			5.1	-1.4
50			5.1	-1.4
75			5.1	-1.4
7+00			5.1	-1.4
25			4.8	-1.1
50			4.6	-0.9
75			4.6	-0.9
8+00			4.7	-1.0
	E1+50			
N8+00			4.7	-1.0
7+75			4.8	-1.1
50			4.8	-1.1
25			4.8	-1.1
7+00			5.1	-1.4
6+75			5.2	-1.5
50			5.3	-1.6
25			5.2	-1.5

Sta.	+	HI	−	Elev
N 6+25	E 1+75	3.72	5.3	-1.6
50			5.3	-1.6
75			5.3	-1.6
7+00			5.1	-1.4
25			5.1	-1.4
50			5.0	-1.3
75			4.9	-1.2
8+00			4.7	-1.0
	E-2+00			
N 8+00			4.4	-0.7
7+75			4.6	-0.9
50			4.8	-1.1
25			4.9	-1.2
7+00			5.2	-1.5
6+75			5.3	-1.6
50			5.4	-1.7
25			5.4	-1.7
BM #6-P	6.30	5.75		-0.55

Sta.	+	HI	−	Elev.	
N8+75	E0+25	5.75	6.8	-1.1	
50			6.8	-1.1	
75			6.6	-0.9	
9+00			6.7	-1.0	Ditch
25			6.6	-0.9	
50			6.4	-0.7	
75			6.2	-0.5	
10+00			6.2	-0.5	
	E0+50				
N10+00			5.4	0.3	
9+75			5.4	0.3	
50			5.6	0.1	
25			5.6	0.1	
9+00			5.6	0.1	
8+75			5.7	0.0	
50			5.8	-0.1	
25			6.1	-0.4	
	E0+75				
8+75			6.2	-0.5	
50			6.1	-0.4	
75			5.7	0.0	
9+00			5.9	-0.2	
25			5.6	0.1	
50			5.6	0.1	
70			5.5	0.2	
10+00			5.4	0.3	

Sta.	+	HI	−	Elev
N10+00	E1+00	5.75	5.5	0.2
9+75			5.6	0.1
50			5.7	0.0
25			5.7	0.0
9+00			5.7	0.0
8+75			5.8	-0.1
50			5.8	-0.1
25			6.5	-0.8
	E1+25			
N 8+25			6.5	-0.8
50			6.1	-0.4
75			6.0	-0.3
9+00			5.8	-0.1
25			5.8	-0.1
50			5.6	0.1
75			5.7	0.0
10+00			5.5	0.2
	E1+50			
N10+00			5.1	0.6
9+75			5.8	-0.1
50			5.8	-0.1
25			5.9	-0.2
9+00			6.2	-0.5
8+75			6.2	-0.5
50			6.3	-0.6
25			6.5	-0.8

Sta.	+	HI	−	Elev
N 8+25	E 1+75	5.75	6.4	-0.7
50			6.4	-0.7
75			6.6	-0.9
9+00			6.2	-0.5
25			6.1	-0.4
50			6.0	-0.3
75			6.2	-0.5
10+00			5.7	0.0
	E 2+00			
N 10+00			5.8	-0.1
9+75			6.3	-0.6
50			6.6	-0.9
25			6.7	-1.0
9+00			6.7	-1.0
8+75			6.6	-0.9
50			6.9	-1.2
25			6.7	-1.0

Sta.	+	HI	-	Elev	
N10+25	E0+25	5.75	6.3	-0.6	
50			6.2	-0.5	
75			6.2	-0.5	
11+00			6.2	-0.5	Ditch thru Fill
25			6.0	-0.3	
50			5.9	-0.2	
75			5.6	0.1	
12+00			5.6	0.1	
+25			5.4	0.3	
+50			5.5	0.2	
75			5.4	0.3	
13+00			5.0	0.7	
	E0+50				
N12+95			3.6	2.1	Toe of Slope
75			0.9	4.8	Top " "
60			0.7	5.0	" " "
45			4.0	1.7	Toe " "
12+00			4.3	1.4	
11+75			4.5	1.2	
50			4.7	1.0	
25			4.6	1.1	
11+00			5.0	0.7	
10+75			5.0	0.7	
50			5.1	0.6	
25			5.1	0.6	

Sta.	+	H.I.	−	Elev	
N 10+25	E 0+75	5.75	5.4	0.3	
50			5.2	0.5	
75			5.1	0.6	
11+00			5.1	0.6	
25			4.7	1.0	
50			4.8	0.9	
75			4.5	1.2	
12+00			4.4	1.3	
12+30			4.1	1.6	Toe of Slope
+45			1.3	4.4	Top " "
60			0.8	4.9	" " "
70			4.6	1.1	Toe " "
	E 1+00				
N 12+60			4.0	1.7	Toe " "
50			0.8	4.9	Top " "
40			1.3	4.4	" " "
25			4.0	1.7	Toe " "
12+00			4.2	1.5	
11+75			4.7	1.0	
50			4.8	0.9	
25			5.0	0.7	
11+00			5.0	0.7	
10+75			5.1	0.6	
50			5.4	0.3	
25			5.4	0.3	

Sta.	+	HI	−	Elev.	
N 10+25	E 1+25	5.75	5.4	0.3	
50			5.3	0.4	
75			5.3	0.4	
11+00			5.1	0.6	
25			4.9	0.8	
50			5.0	0.7	
75			5.0	0.7	
12+00			4 3	1.4	
+05			4.3	1.4	
20			1.2	4.5	Toe of Slope
40			0.8	4.9	Top " "
50			4.0	1.7	" " "
	E 1+50				Toe " "
N 12+45			4.2	0.5	
35			0.9	4.8	Toe " "
20			1.1	4.6	Top " "
12+00			4.1	1.6	" " "
11+75			4.6	1.1	Toe " "
50			5.4	0.3	
25			4 9	0.8	
11+00			5.0	0.7	
10+75			5.2	0.5	
50			5.3	0.4	
25			5.5	0.2	

Sta	+	H.I.	−	Elev	
N 10+25	E 1+75	5.75	5.5	0.2	
50			5.4	0.3	
75			5.3	0.4	
11+00			5.7	0.0	
25			4.9	0.8	
50			4.9	0.8	
75			4.4	1.3	
85			4.2	1.5	Toe of Slope
12+00			1.5	4.2	Top " "
20			0.9	4.8	" " "
30			4.3	1.4	Toe
	E 2+00				
12+20			4.2	1.5	Toe " "
10			0.9	4.8	Top " "
11+90			0.9	4.8	" " "
75			4.1	1.6	Toe " "
50			5.0	0.7	
25			5.0	0.7	
11+00			5.5	0.7	
10+75			5.4	0.3	
50			5.9	−0.2	
25			5.6	0.1	

Sta.	+	HI	−	Elev	
N 10+25	E 2+25	5.75	5.8	-0.1	
50			5.6	0.1	
75			5.5	0.2	
11+00			5.9	-0.2	
25			5.0	0.7	
50			4.9	0.8	
60			4.6	1.1	Toe of Slope
75			1.0	4.7	Top " "
95			0.6	5.1	" " "
12+05			4.4	1.3	Toe " "
	E 2+50				
11+95			4.1	1.6	" " "
85			0.8	4.9	Top " "
60			1.0	4.7	" " "
50			4.7	1.0	Toe " "
25			5.2	0.5	
11+00			4.7	1.0	
10+75			5.2	0.5	
50			5.3	0.4	
25			5.5	0.2	

Sta.	+	HI	−	Elev	
N10+25	E2+75	5.75	5.4	0.3	
50			5.1	0.6	
75			5.1	0.6	
11+00			5.2	0.5	
30			4.8	0.9	Toe of Slope.
45			1.0	4.7	Top " "
65			0.4	5.3	" " "
80			4.3	1.4	Toe " "
	E 3+00				
N 11+70			4.4	1.3	" " "
60			0.4	5.3	Top " "
30			0.9	4.8	" " "
20			5.0	0.7	Toe " "
11+00			5.2	0.5	
10+75			4.8	0.9	
50			5.3	0.4	
25			5.3	0.4	
BM #13-P.	5.92	6.04 ✓		0.12 ✓	
N10+25	E3+25		5.6	0.4	
50			5.4	0.6	
75			5.0	1.0	
11+05			5.1	0.9	Toe of Slope.
25			1.1	4.9	Top " "
45			0.4	5.6	" " "
60			4.4	1.6	Toe " "

Sta.	+	HI	−	Elev	
N 11+45	E 3+50	6.04	4.5	1.5	Toe of Slope
+30			0.4	5.6	Top " "
10			1.0	5.0	" " "
10+95			5.2	0.8	Toe " "
75			5.4	0.6	
50			4.8	1.2	
25			5.3	0.7	
	E 3+75				
N 10+25			4.7	1.3	
50			5.2	0.8	
75			4.9	1.1	Toe of Slope
90			0.6	5.4	Top " "
11+15			0.0	6.0	" " "
30			4.0	2.0	Toe " "
	E 4+00				
N 11+10			3.0	3.0	" " "
11+00			0.0	6.0	Top " "
10+75			0.4	5.6	" " "
60			4.0	2.0	Toe " "
25			4.6	1.4	
T.P.	7.64	8.90	4.78	1.26	

6.04
4.78
1.26

Sta.	+	HI	−	Elev	
	E 4.25	8.90			
N 10+25			7.6	1.3	
50			7.3	1.6	Toe of Slope
70			3.2	5.7	Top " "
85			2.7	6.2	" " "
95			6.9	2.0	Toe " "
	E 4+50				
N 10+80			6.7	2.2	" " "
70			3.6	6.3	Top " "
45			3.0	5.9	" " "
30			6.7	2.2	Toe
	E 4+75				
N 10+15			5.7	3.2	" " "
25			3.0	5.9	Top " "
50			2.2	6.7	" " "
65			6.4	2.5	Toe " "
	E 5+00				
N 10+45			5.3	3.6	" " "
35			2.2	6.7	Top " "
05			2.5	6.4	" " "
9+95			4.4	4.5	Toe " "
BM #13-P	6.74	6.86 ✓		0.12 ✓	

Feb 14th 1934.
Agnew - Inst.
Engert - Rod.
Colvin
Higgins } el.

Sta	+	H.I.	−	Elev
N 8+00	E 2+25	6.86	8.1	-1.3
75			8.2	-1.4
50			8.2	-1.4
25			8.0	-1.2
9+00			7.5	-0.7
25			7.4	-0.6
50			7.3	-0.5
75			7.1	-0.3
10+00			6.9	0.0
	E 2+50			
N 10+00			6.8	0.0
9+75			7.1	-0.3
50			6.9	0.0
25			7.5	-0.7
9+00			7.6	-0.8
8+75			7.7	-0.9
50			7.6	-0.8
25			7.7	-0.9
8+00			8.2	-1.4

Stg	+	HI	−	Elev
N 8+00	E 2+75	6.86	8.0	-1.2
" 25			7.9	-1.1
50			7.7	-0.9
75			7.4	-0.6
9+00			7.3	-0.5
25			7.1	-0.3
50			7.1	-0.3
75			7.1	-0.3
10+00			6.7	0.1
	E 3+00			
N 10+00			6.5	0.3
9+75			6.8	0.0
50			6.9	0.0
25			7.2	-0.4
9+00			7.1	-0.3
8+75			7.3	-0.5
50			7.5	-0.7
25			7.9	-1.1
8+00			7.8	-1.0
	E 3+25			
N 8+00			6.7	0.1
25			7.1	-0.3
50			7.1	-0.3
75			7.2	-0.4
9+00			7.1	-0.3
25			6.9	0.0

sta	+	H.I.	−	Elev
N 9+50	E 3+25	6.86	6.8	0.0
75			6.7	0.1
10+00			6.5	0.3
	E 3+50			
10+00			6.5	0.3
9+75			6.6	0.2
50			6.8	0.0
25			7.0	-0.2
9+00			7.0	-0.2
8+75			7.1	-0.3
+50			7.3	-0.5
25			6.8	0.0
8+00			6.6	0.2
	E 3+75			
N 8+00			6.5	0.3
25			6.5	0.3
50			6.0	0.8
75			6.7	0.1
9+00			7.2	-0.4
25			6.7	0.1
50			6.6	0.2
75			6.1	0.7
10+00			6.2	0.6

Sta.	+	HI	−	Elev
N10+00	E4+00	6.86	5.9	0,9
9+75			6.1	0.7
50			6.1	0.7
25			6.6	0.2
9+00			6.5	0.3
8+75			5.9	0.9
50			5.5	1.3
25			5.3	1.3
8+00			4.9	1.9
	E4+25			
N8+00			3.8	3.0
25			4.3	2.5
50			4.4	2.4
75			4.8	2.0
9+00			6.0	0.8
25			6.1	0.7
50			5.9	0.9
75			5.8	1.0
10+00			4.9	1.9
	E4+50			
N10+00			4.9	1.9
9+75			4.3	2.5
50			5,0	1.8
25			4.4	2.4
9+00			3.7	3.1
8+75			3.4	3.4

Sta.	+	HI	−	Elev
N8+50	E4+50	6.86	3.2	3.6
25			3.1	3.7
8+00			2.4	4.4
	E4+75			
N8+00			1.9	4.9
25			2.3	4.5
50			2.4	4.4
75			2.5	4.3
9+00			2.6	4.2
25			3.1	3.7
50			3.4	3.4
75			3.3	3.5
10+00			3.4	3.4
	E5+00			
N10+00			1.8	5.0
9+75			2.5	4.3
50			1.6	5.2
25			1.6	5.2
9+00			1.4	5.4
8+75			1.5	5.3
50			2.1	4.7
25			2.0	4.8
8+00			1.9	4.9

Sta.	+	HI	−	Elev
N 8+00	E 5+25	6.86	1.6	5.2
25			1.6	5.2
50			1.6	5.2
75			0.9	5.9
9+00			0.3	6.5
+ 25			0.2	6.6
50			1.6	5.2
75			0.4	6.4
10+00			0.0	6.8
T.P.	7.35	13.15	1.06	5.80
	E 5+50			
N 10+00			5.7	7.4
9+75			5.6	7.5
50			5.8	7.3
25			6.7	6.4
9+00			5.8	7.3
8+75			6.7	6.4
50			7.1	6.0
25			7.3	5.8
8+00			7.1	6.0

Sta.	+	HI	−	Elev
	E 5+75	13.15		
N 8+00			7.5	5.6
25			6.9	6.2
50			6.4	6.7
75			5.8	7.3
9+00			6.5	6.6
25			5.8	7.3
50			4.1	9.0
75			5.2	7.9
10+00			7.3	5.8
	E 6+00			
N 10+00			7.4	5.7
9+75			7.0	6.1
50			5.0	8.0
25			4.1	9.0
9+00			5.8	7.3
8+75			5.8	7.3
50			5.3	7.8
25			6.5	6.6
8+00			7.4	5.7
	E 6+25			
N 8+00			6.4	6.7
25			5.9	7.2
50			5.7	7.4
75			6.1	7.0
9+00			5.4	7.8

117 Ivy St. N - of RR Fill

" " " " " " "

Sta.	+	HI	−	Elev
N9+25	E6+25	13.15	5.0	8.1
50			5.1	8.0
75			7.0	6.1
10+00			7.2	5.9
	E6+50			
N10+00			6.9	6.2
9+75			6.8	6.3
50			6.7	6.4
25			5.7	7.4
9+00			5.1	8.0
8+75			5.4	7.7
50			6.3	6.8
25			6.1	7.0
8+00			5.8	7.3
	6+75			
N8+00			6.3	6.8
25			6.6	6.5
50			6.3	6.8
75			5.3	7.8
9+00			5.5	7.7
25			6.7	6.4
50			6.5	6.6

In Ivy St. N. of RR Fill
" " " " " " "
on Ivy & Atlantic St.

Rt of Way Line W-side Atlantic St.

Line of Atlantic St. Rt of Wy

Sta	+	H.I.	−	Elev
	E 7+00	13.15		
N 9+25			6.3	6.8
9+00			6.6	6.5
8+75			4.7	8.4
50			5.3	7.8
25			6.5	6.6
8+00			7.0	6.1
	E 7+25			
N 8+00			6.6	6.5
25			5.1	8.0
50			4.9	8.2
75			6.3	6.8
	E 7+50			
N 8+00			4.0	9.1
BM #3-P.	8.07	8.19 ✓		0.12 ✓
	E 2+25			
N 6+00			9.9	-1.7
25			9.9	-1.7
50			9.8	-1.6
75			9.8	-1.6
7+00			9.7	-1.5
25			9.5	-1.3
50			9.3	-1.1
75			9,3	-1.1

Rt. of way Atlantic St.

" " " " "

Sta.	+	H.I.	−	Elev
N 7+75	E 2+50	8.19	9.7	-1.5
50			9.7	-1.5
25			9.8	-1.6
7+00			9.7	-1.5
6+75			9.6	-1.4
50			9.7	-1.5
25			9.9	-1.7
6+00			10.0	-1.8
	E 2+75			
N 6+00			8.4	-0.2
25			8.2	0.0
50			9.5	-1.3
75			9.5	-1.3
7+00			9.4	-1.2
25			9.5	-1.3
50			9.4	-1.2
75			9.5	-1.3
	E 3+00			
N 7+75			9.1	-0.9
50			9.2	-1.0
25			9.2	-1.0
7+00			8.1	0.0
6+75			8.4	-0.2
50			8.8	-0.6
25			8.4	-0.2
6+00			8.3	-0.1

Sta	-	HI	+	Elev.
N 6+00	E 3+25	8.19	8.3	-0.1
25			8.7	-0.5
50			8.3	-0.1
75			8.3	-0.1
7+00			8.3	-0.1
+25			8.5	-0.3
50			8.3	-0.1
75			8.2	0.0
	E 3+50			
N 7+75			7.8	0.4
50			7.8	0.4
25			8.2	0.0
7+00			8.2	0.0
6+75			8.1	0.1
50			7.8	0.4
25			6.4	1.8
6+00			5.8	2.4
	E 3+75			
N 6+00			5.9	2.3
25			5.9	2.3
50			6.0	2.2
75			6.4	1.8
7+00			6.9	1.3
25			7.0	1.2
50			7.4	0.8
75			7.8	0.4

Sta	+	HI	−	Elev
N 7+75	E 4+00	8+19	5.8	2.4
50			5.8	2.4
25			6.0	2.2
7+00			6.1	2.1
6+75			6.0	2.2
50			5.3	2.9
25			5.1	3.1
6+00			4.6	3.6
	E 4+25			
N 6+00			4.0	4.2
25			4.5	3.7
50			4.8	3.4
75			5.4	2.8
7+00			5.7	2.5
25			5.5	2.7
50			5.1	3.1
75			5.1	3.1
	E 4+50			
N 7+75			4.2	4.0
50			3.6	4.6
25			4.7	3.5
7+00			4.8	3.4
6+75			4.8	3.4
50			4.5	3.7
25			4.1	4.1
6+00			3.2	5.0

Sta	+	HI	−	Elev
N6+00	E4+75	8.19	3.5	4.7
25			3.4	4.8
50			3.4	4.8
75			3.6	4.6
7+00			3.6	4.6
25			2.8	5.4
50			2.6	5.6
75			3.0	5.2
	E5+00			
N7+75			2.4	5.8
50			3.1	5.1
25			3.4	4.8
7+00			3.5	4.7
6+75			3.8	4.4
50			4.0	4.2
25			3.8	4.4
6+00			3.8	4.4
	E5+25			
N6+00			4.2	4.0
25			4.4	3.8
50			4.3	3.9
75			3.8	4.4
7+00			3.1	5.1
25			2.8	5.4
50			3.2	5.0
75			3.0	5.2

Sta	+	HI	−	Elev
N 7+75	E 5+50	8.19	2.1	6.1
50			2.9	5.3
25			3.2	5.0
7+00			3.4	4.8
6+75			3.5	4.7
50			4.3	3.9
25			5.5	2.7
6+00			5.3	2.9
	E 5+75			
N 6+00			8.0	0.2
25			6.7	1.5
50			5.2	3.0
75			3.7	4.5
7+00			3.5	4.7
25			3.2	5.0
50			2.9	5.3
75			2.7	5.5
	E 6+00			
N 7+75			2.6	5.6
50			3.1	5.1
25			3.7	4.5
7+00			4.4	3.8
6+75			5.2	3.0
50			6.6	1.6
25			8.1	0.1
6+00			8.7	-0.5

Sta	+	HI	−	Elev
BM#13-P	8.66	8.78		0.12
BM 14-P			8.10	0.68
	E 6+25			
N 6+00			9.4	-0.6
25			9.3	-0.5
50			8.2	0.6
75			7.2	1.6
7+00			6.1	2.7
25			5.1	3.7
50			3.9	4.9
75			3 0	5.8
	E 6+50			
N 7+75			2.7	6.1
50			4.5	4.3
25			5.9	2.9
7+00			7.0	1.8
6+75			7.9	0.9
50			8.8	0.0
25			9.3	-0.5
6+00			9.4	-0.6

Sta N 3+00 E 7+00

Sta	+	HI	−	Elev
N 6+00	E 6+75	8+78	9.2	-0.4
25			9.3	-0.5
50			8.8	0.0
75			7.8	1.0
7+00			7.0	1.8
25			6.0	2.8
50			4.1	4.7
75			2.5	6.3
	E 7+00			
N 7+75			2.2	6.6
50			3.4	5.4
25			5.0	3.8
7+00			6.3	2.5
6+75			7.1	1.7
50			8.1	0.7
25			8.7	0.1
6+00			9.0	-0.2
	E 7+25			
N 6+00			8.6	0.2
25			8.4	0.4
50			7.4	1.4
75			6.4	2.4
7+00			4.7	4.1
25			3.6	5.2
50			2.6	6.2
75			2.9	5.9

Sta	+	HI	-	Elev
N 7+75	E 7+50	8.78	2.3	6.5
50			3.1	5.7
25			2.9	5.9
7+00			4.0	4.8
6+75			5.4	3.4
50			6.8	2.0
25			7.8	1.0
6+00			8.2	0.6
	E 7+75			
N 6+00			7.5	1.3
25			6.2	2.6
50			6.0	2.8
75			5.0	3.8
7+00			3.3	5.5
25			3.3	5.5
50			2.2	6.6
75			0.3	6.5
	E 8+00			
N 7+25			3.0	5.8
7+00			3.7	5.1
6+75			3.5	5.3
50			4.7	4.1
25			4.9	3.9
6+00			6.8	2.0

Rt way Atlantic

" " "

Sta	+	HI	−	Elev	
N 6+00	E 8+25	8.78	5.7	3.1	
25			5.0	3.8	
50			3.9	4.9	
75			3.8	5.0	Rt way. Atlantic
	E 6+50				
N 6+50			3.7	5.1	" " "
25			4.3	4.5	
6+00			4.8	4.0	
	E 7+00				
N 6+00			3.5	5.3	" " "
BM #13-R	9.66	9.78 ✓		0.12	
	E 2+25				
N 5+75			11.5	−1.7	
50			11.5	−1.7	
25			11.7	−1.9	
5+00			11.8	−2.0	
4+75			11.9	−2.1	
50			12.1	−3.3	
25			12.0	−3.2	
4+00			12.0	−3.2	

Sta.	+	HI	−	Elev
N4+00	E2+50	9.78	12.0	-2.2
25			12.0	-2.2
50			11.9	-2.1
75			12.0	-2.2
5+00			11.9	-2.1
25			11.8	-2.0
50			11.8	-2.0
75			11.5	-1.7
	E2+75			
N5+75			9.8	0.0
50			10.0	-0.2
25			9.9	-0.1
5+00			9.7	0.1
4+75			9.4	0.4
50			9.5	0.3
25			12.1	-2.3
4+00			12.1	-2.3
	E3+00			
N4+00			12.1	-2.3
25			9.5	0.3
50			9.2	0.6
75			9.2	0.6
5+00			9.6	0.2
25			9.9	-0.1
50			9.9	-0.1
75			9.9	-0.1

Sta.	+	HI	−	Elev
N 5+75	E 3+25	9.78	9.7	0.1
50			8.0	1.8
25			6.9	2.9
5+00			6.1	3.7
4+75			8.7	1.1
50			9.4	0.4
25			9.2	0.6
4+00			9.4	0.4
	E 3+50			
N 4+00			9.7	0.1
25			8.7	1.1
50			5.4	4.4
75			5.3	4.5
5+00			5.2	4.6
25			5.5	4.3
50			6.1	3.7
75			7.9	1.9
	E 3+75			
N 5+75			7.0	2.8
50			5.6	3.2
25			4.8	5.0
5+00			4.6	5.2
4+75			5.2	4.6
50			5.6	4.2
25			5.8	4.0
4+00			6.4	3.4

Sta.	+	HI	−	Elev
N4+00	E4+00	9.8	6.3	3.5
25			6.0	3.8
50			5.7	4.1
75			5.5	4.3
5+00			5.1	4.7
25			4.4	5.4
50			4.8	5.0
75			5.6	4.2
	E4+25			
N5+75			5.0	4.8
50			4.6	5.2
25			4.9	4.9
5+00			5.2	4.6
4+75			5.5	4.3
50			6.2	3.6
25			6.4	3.4
4+00			6.7	3.1
	E4+50			
N4+00			10.5	-0.7
25			6.7	3.1
50			6.1	3.7
75			5.5	4.3
5+00			5.4	4.4
25			5.4	4.4
50			4.7	5.1
75			4.7	5.1

Sta	+	HI	−	Elev
N 5+75	E 4+75	9.8	5.0	4.8
50			5.0	4.8
25			5.5	4.3
5+00			6.0	3.8
4+75			6.5	3.3
50			7.3	2.5
25			10.1	-0.3
4+00			10.6	-0.8
	E 5+00			
N 4+00			10.8	-1.0
25			11.0	-1.2
50			9.2	0.6
75			7.4	2.4
5+00			6.9	2.9
25			6.0	3.8
50			5.4	4.4
75			5.3	4.5
	E 5+25			
N 5+75			6.0	3.8
50			6.9	2.9
25			7.3	2.5
5+00			8.3	1.5
4+75			9.6	0.2
50			11.0	-1.2
25			10.9	-1.1
4+00			10.8	-1.0

Sta	+	HI	−	Elev
N 4+00	E 5+50	9.78	11.5	-1.7
25			11.1	-1.3
50			11.2	-1.4
75			11.3	-1.5
5+00			10.2	-0.4
25			9.8	0.0
50			9.0	0.8
75			8.3	1.5
	E 5+75			
N 5+75			9.8	0.0
50			10.4	-0.6
25			10.6	-0.8
5+00			10.6	-0.8
4+75			10.8	-1.0
50			11.1	-1.3
25			11.2	-1.4
4+00			11.5	-1.7
	E 6+00			
N 4+00			11.3	-1.5
25			11.3	-1.5
50			11.1	-1.3
75			10.9	-1.1
5+00			10.9	-1.1
25			10.9	-1.1
50			10.7	-0.9
75			10.3	-0.5

Sta	+	HI	−	Elev.
BM #4-R	8.21	8.89		0.68
	E 6+25			
N 4+00			10.5	-1.6
25			10.4	-1.5
50			10.1	-1.2
75			10.0	-1.1
5+00			10.0	-1.1
25			9.9	-1.0
50			9.8	-0.9
75			9.7	-1.8
	E 6+50			
N 5+75			9.7	-0.8
50			9.7	-0.8
25			9.8	-0.9
5+00			10.0	-1.1
4+75			9.9	-1.0
50			10.2	-1.3
25			10.4	-1.5
4+00			10.5	-1.6

Sta	+	HI	—	Elev
N4+00	E6+75	8.89	10.5	-1.6
25			10.4	-1.5
50			10.4	-1.5
75			10.1	-1.2
5+00			9.9	-1.0
25			9.7	-0.8
50			9.6	-0.7
75			9.5	-0.6
	E7+00			
N5+75			9.3	-0.4
50			9.8	-0.9
25			9.7	-0.8
5+00			9.9	-1.0
4+75			10.2	-1.3
50			10.3	-1.4
25			10.5	-1.6
4+00			9.8	-0.9
	E7+25			
N4+00			7.7	1.2
25			8.8	0.1
50			10.4	-1.5
75			10.3	-1.4
5+00			10.1	-1.2
25			9.6	-0.7
50			9.6	-0.7
75			9.2	-0.3

Sta	+	HI	−	Elev
N 5+75	E 7+50	8.89	8.5	0.4
50			9.4	-0.5
25			9.6	-0.7
5+00			9.3	-0.4
4+75			9.1	-0.2
50			9.1	-0.2
25			7.1	1.8
4+00			6.5	2.4
	E 7+75			
N 4+00			6.0	2.8
25			6.3	2.6
50			8.4	0.5
75			8.7	0.2
5+00			9.0	-0.1
25			8.7	0.2
50			8.6	0.3
75			8.1	0.8
	E 8+00			
N 5+75			7.6	1.3
50			7.8	1.1
25			7.7	1.2
5+00			7.6	1.3
4+75			8.0	0.9
50			8.1	0.8
25			8.3	0.6
4+00			7.9	1.0

Sta	+	HI	−	Elev.
NA+00	E 8+25	8.89	7.6	1.3
25			7.3	1.6
50			4.6	4.3
75			6.1	2.8
5+00			7.4	1.5
25			7.1	1.8
50			7.3	1.6
75			6.3	2.6
	E 8+50			
5+75			5.4	3.5
50			6.2	2.7
25			6.6	2.3
5+00			6.5	2.4
4+75			5.3	3.6
50			4.6	4.3
25			4.0	4.9
4+00			3.8	5.1
	E 8+75			
N4+00			3.6	5.3
25			3.8	5.1
50			4.0	4.9
75			4.8	4.1
5+00			5.5	3.4
25			5.9	3.0
50			4.8	4.1
75			4.4	4.5

Note ÷

Notes continued in Book #1484

BM 1-P.	0.35
BM 2-P	-1.00
3-P	-0.64
4-P.	-0.81
5-P	0.53

IMPROVED TABLES

AND

INFORMATION