

1483

PASTY

LEVEL BOOK

No. 330 F

ENGINEERING DEPARTMENT
CITY OF S. N. DIEGO
CALIFORNIA.

MICROFILMED

DEC 23 1964

53
45000
400
1200

2228
200
200

Our Leather Bound Engineers Note Books are carried in the following rulings :

- No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.
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- No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.
- No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

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THE FREDERICK POST CO.
ENGINEERING and DRAFTING SUPPLIES
IRVING PARK STATION
CHICAGO, ILL.

Feb 6th 1934

Agnew-Inst.

Engert-Rod.

Higgins }

Colvin } ch

Note -

Notes continued

From page # 78 - Book # 1482

B.M.'s

No 1-P

No 2-P

No 3-P

No 4-P

No 5-P

Elev.

0.35 ✓

-1.00 ✓

-0.64 ✓

-0.81 ✓

0.53 x .63

ordinate Pt. 0.0-x

-1.64 ✓

75.0' W. Bond St. 200' N. Pacific St.

10.0' W Sta 5-1+00 W 8+00

20' W. Sta 12+00 ON 0+0 Line

Hub Sta W-1+00 - N-3+50

" Sta W 11+50 - N-4+00

Sta.	+	H1 From Book 1482 5.44	- Should be 5.54	Elev
N 3+25	W-11+00	4.5		0.9
+50		5.5		-0.1
75		5.4		0.0
4+00		5.4		0.0
+25		5.3		0.1
+50		4.8		0.6
+75		5.2		0.2
5+00		5.5		-0.1
W 10+75				
N-5+00		5.0		0.4
4+75		5.6		-0.2
+50		5.4		0.0
+25		5.3		0.1
4+00		5.3		0.1
3+75		5.5		-0.1
+50		5.7		-0.3
+25		5.4		0.0
W-10+50				
N-3+25		5.7		-0.3
+50		5.6		-0.2
+75		5.6		-0.2
4+00		5.4		0.0
+25		5.4		0.0
+50		5.5		-0.1
+75		5.2		0.2
5+00		5.3		0.1

Sta	+	H1	-	Elev
		5.44		
N-5+00	W-10+25		5.4	0.0
4+75			5.3	0.1
+50			5.7	-0.3
+25			5.5	-0.1
4+00			5.5	-0.1
3+75			5.7	-0.3
+50			5.7	-0.3
+25			5.7	-0.3
	W-10+00			
N3+25			5.9	-0.5
50			5.7	-0.3
75			5.6	-0.2
4+00			5.5	-0.1
25			5.6	-0.2
50			5.7	-0.3
75			5.3	0.1
5+00			5.0	0.4
	W-9+75		5.5	
N 5+00			5.3	0.1
4+75			5.1	0.3
+50			5.2	0.2
+25			5.9	-0.5
4+00			5.6	-0.2
3+75			5.5	0.1
+50			5.7	-0.3
+25			6.2	-0.8

Sta.	+	H ¹	-	Elev
		5.44		
N-3+25	W-9+50		6.3	-0.9
+50			5.9	-0.5
+75			6.5	-1.1
4+00			5.7	-0.3
+25			5.3	0.1
+50			5.4	0.0
+75			5.2	0.2
5+00			5.3	0.1
	W-9+25			
N-5+00			5.7	-0.3
4+75			5.3	0.1
+50			5.3	0.1
+25			5.0	0.4
4+00			5.3	0.1
3+75			5.4	0.0
+50			5.7	-0.3
+25			5.8	-0.4
	W-9+00			
N-3+25			5.4	0.0
+50			5.3	0.1
+75			5.1	0.3
4+00			5.2	0.2
+25			5.3	0.1
+50			5.7	-0.3
+75			5.4	0.0
5+00			6.9	-1.5

Sta	+	HI 5.44	-	Elev
N-5+00	W-8+75		6.7	-1.3
4+75			5.6	-0.2
50			5.5	-0.1
25			5.4	0.0
4+00			5.2	0.2
3+75			5.3	0.1
50			5.5	-0.1
25			5.6	-0.2
W-8+50				
N3+25			5.3	0.1
+50			5.3	0.1
+75			5.3	0.1
4+00			5.4	0.0
+25			5.5	-0.1
+50			5.8	-0.4
+75			6.1	-0.7
5+00			6.5	-1.1
W-8+25				
N-5+00			6.7	-1.3
4+75			6.8	-1.4
+50			6.9	-1.5
+25			6.8	-1.4
4+00			5.7	-0.3
3+75			5.6	-0.2
+50			5.3	0.1
+25			5.4	0.0

Sta	+	HI	-	Elev
		5.44		
N 3+25	W-8+00		5.6	-0.2
	+50		5.5	-0.1
	+75		5.7	-0.3
	4+00		6.2	-0.8
	+25		6.1	-0.7
	+50		6.6	-1.2
	+75		6.9	-1.5
	5+00		7.0	-1.6

BM #10 4.87 5.22 ✓ 0.35 ✓

W-7+75

N 5+00		6.9	-1.7
4+75		6.9	-1.7
+50		6.7	-1.5
+25		6.2	-1.0
4+00		5.6	-0.4
3+75		5.8	-0.6
+50		5.5	-0.3
+25		5.4	-0.2

Sta	+	H1	-	Elev
		5.22		
N3+25	W-7+50		6.2	-1.0
	+50		6.5	-1.3
	+75		6.1	-0.9
	4+00		5.5	-0.3
	+25		6.8	-1.6
	+50		7.0	-1.8
	+75		7.0	-1.8
	5+00		6.5	-1.3
	W-7+25			
N5+00			6.2	-1.0
	4+75		5.7	-0.5
	+50		6.8	-1.6
	+25		7.0	-1.8
	4+00		7.2	-2.0
	3+75		5.5	-0.3
	+50		6.1	-0.9
	+25		6.1	-0.9
	W 7+00			
N3+25			6.1	-0.9
	+50		6.5	-1.3
	+75		7.0	-1.8
	4+00		7.1	-1.9
	+25		6.1	-0.9
	+50		6.5	-1.3
	+75		6.0	-0.8
	5+00		6.5	-1.3

S	Sta	+	HI 5.22	-	Elev
N	N 5+00	W-6+75		6.3	-1.1
	4+75			6.3	-1.1
	+50			6.6	-1.4
	+25			6.9	-1.7
	4+00			6.5	-1.3
	3+75			6.7	-1.5
	+50			6.8	-1.6
S	+25			7.1	-1.9
		W-6+50			
N	N 3+25			6.8	-1.6
	50			6.7	-1.5
	75			6.1	-0.9
	4+00			6.8	-1.6
	+25			6.3	-1.1
	+50			6.3	-1.1
	+75			6.5	-1.3
	5+00			6.2	-1.0
		W-6+25			
N	N 5+00			6.2	-1.0
	4+75			6.1	-0.9
	+50			6.1	-0.9
	+25			6.2	-1.0
	4+00			7.1	-1.9
	3+75			7.5	-2.3
	+50			8.3	-3.1
	+25			7.1	-1.9

Sta.	+	H1	-	Elev
N-3+25	W-6+00	5.22	7.7	-2.5
+50			7.0	-1.8
+75			6.6	-1.4
4+00			6.6	-1.4
+25			6.7	-1.5
+50			6.7	-1.5
+75			6.2	-1.0
5+00			6.4	-1.2
	W-5+75			
N 5+00			6.1	-0.9
4+75			6.1	-0.9
+50			6.2	-1.0
+25			6.3	-1.1
4+00			7.1	-1.9
3+75			6.8	-1.6
+50			5.7	-0.5
+25			5.7	-0.5
	W 5+50			
N 3+25			6.2	-1.0
+50			5.9	-0.7
+75			6.3	-1.1
4+00			6.8	-1.6
+25			6.7	-1.5
+50			6.3	-1.1
+75			6.0	-0.8
5+00			5.7	-0.5

Sta.	+	H ₁ 5.22	-	Elev
N 5+00	W-5+25		6.0	-0.8
4+75			6.2	-1.0
+50			6.6	-1.4
+25			6.4	-1.2
4+00			6.1	-0.9
3+75			6.4	-1.2
+50			6.2	-1.0
+25			6.1	-0.9
	W 5+00			
N 3+25			6.5	-1.3
50			6.4	-1.2
75			6.3	-1.1
4+00			6.3	-1.1
+25			6.2	-1.0
+50			6.6	-1.4
+75			6.4	-1.2
5+00			6.3	-1.1
	W-4+75			
N 5+00			6.5	-1.3
4+75			6.3	-1.1
+50			6.5	-1.3
+25			6.7	-1.5
4+00			6.3	-1.1
3+75			6.4	-1.2
+50			6.5	-1.3
+25			6.4	-1.2

Sta.	+	HI	-	Elev
		5.22		
N 3+25	W-4+50		6.4	-1.2
+50			6.4	-1.2
+75			6.5	-1.3
4+00			6.5	-1.3
+25			6.5	-1.3
+50			6.4	-1.2
+75			6.4	-1.2
5+00			6.5	-1.3
	W-4+25			
N 5+00			6.5	-1.3
4+75			6.4	-1.2
+50			6.3	-1.1
+25			6.5	-1.3
4+00			6.5	-1.3
3+75			6.6	-1.4
+50			6.5	-1.3
+25			6.4	-1.2

B.M.#4-R 4.29 3.48 ✓ - 0.81

4.29
5.1
3.48

Sta	+	H.I.	-	Elev
		3.48		
N 3+25	W-4+00		4.6	-1.1
+50			4.9	-1.4
+75			4.8	-1.3
4+00			4.5	-1.0
+25			4.8	-1.3
+50			4.5	-1.0
+75			4.6	-1.1
5+00			4.7	-1.2
	W-3+75			
N-5+00			4.5	-1.0
4+75			4.8	-1.3
+50			4.7	-1.2
+25			4.7	-1.2
4+00			4.8	-1.3
3+75			4.8	-1.3
+50			4.7	-1.2
+25			4.9	-1.4
	W 3+50			
N 3+25			4.5	-1.0
+50			4.7	-1.2
+75			4.8	-1.3
4+00			4.8	-1.3
+25			4.8	-1.3
+50			4.6	-1.1
+75			4.7	-1.2
5+00			4.5	1.0

Feb 7th 1934.

Agnew - Inst.

Engert. - Rod.

Colvin

Higgins } ch.

Sta.	+	H1	-	Elev
		3.48		
IV-5+00	VV-3+25		4.7	-1.2
4+75			4.6	-1.1
+50			4.7	-1.2
+25			4.9	-1.4
4+00			5.0	-1.5
3+75			5.0	-1.5
+50			4.8	-1.3
+25			4.8	-1.3
VV-3+00				
IV-3+25			4.9	-1.4
+50			4.7	-1.2
+75			5.0	-1.5
4+00			5.0	-1.5
+25			4.9	-1.4
+50			4.8	-1.3
+75			4.8	-1.3
5+00			4.8	-1.3
W-2+75				
N-5+00			4.8	-1.3
4+75			4.7	-1.2
+50			5.0	-1.5
+25			5.1	-1.6
4+00			5.1	-1.6
3+75			4.9	-1.4
+50			4.9	-1.4
+25			4.9	-1.4

Sta	+	H/	-	Elev
		3.48		
N. 3+25	W-2+50		5.1	-1.6
+50			5.1	-1.6
+75			5.0	-1.5
4+00			5.2	-1.7
+25			4.8	-1.3
+50			5.0	-1.5
+75			4.8	-1.3
5+00			4.9	-1.4
	W-2+25			
N. 5+00			5.0	-1.5
4+75			5.0	-1.5
+50			5.1	-1.6
+25			5.1	-1.6
4+00			5.2	-1.7
3+75			5.3	-1.8
+50			5.2	-1.7
+25			5.1	-1.6
	W-2+00			
N. 3+25			5.3	-1.8
+50			5.3	-1.8
+75			5.2	-1.7
4+00			5.2	-1.7
+25			5.1	-1.6
+50			5.1	-1.6
+75			5.1	-1.6
5+00			5.1	-1.6

Sta	+	HI 3.48	-	Elev
N5+00	W 1+75		5.0	-1.5
	4+75		5.0	-1.5
	+50		5.1	-1.6
	+25		5.0	-1.5
4+00			5.1	-1.6
3+75			5.1	-1.6
	+50		5.1	-1.6
	+25		5.1	-1.6
	W 1+50			
N3+25			5.0	-1.5
	+50		4.9	-1.4
	+75		4.9	-1.4
4+00			4.9	-1.4
	+25		5.0	-1.5
	+50		5.0	-1.5
	+75		4.9	-1.4
5+00			4.9	-1.4
	W 1+25			
N5+00			4.9	-1.4
	4+75		4.7	-1.2
	+50		5.0	-1.5
	+25		4.9	-1.4
4+00			4.7	-1.2
3+75			4.6	-1.1
	+50		4.5	-1.0
	+25		4.4	-0.9

Sta	+	HI	-	Elev
N3+25	W1+00	3.48	4.9	-1.4
	+50		4.4	-0.9
	+75		4.6	-1.1
	4+00		4.7	-1.2
	+25		4.8	-1.3
	+50		5.1	-1.6
	+75		5.1	-1.6
	5+00		4.8	-1.3
W-0+75				
	N-5+00		4.8	-1.3
	4+75		5.1	-1.6
	+50		5.2	-1.7
	+25		4.9	-1.4
	4+00		4.6	-1.1
	3+75		4.9	-1.4
	+50		5.1	-1.6
	+25		5.1	-1.6
W-0+50				
	N3+25		5.1	-1.6
	+50		5.2	-1.7
	+75		5.1	-1.6
	4+00		5.2	-1.7
	+25		4.9	-1.4
	+50		5.3	-1.8
	+75		5.4	-1.9
	5+00		4.7	-1.2

Sta	+	H1	-	Elev
		3.48		
N5+00	W-0+25		5.1	-1.6
4+75			5.4	-1.9
+50			5.4	-1.9
+25			5.4	-1.9
4+00			5.3	-1.8
3+75			5.2	-1.7
+50			5.2	-1.7
+25			5.2	-1.7

W-0+0

N3+25			5.2	-1.7
+50			5.1	-1.6
+75			5.1	-1.6
4+00			5.3	-1.8
+25			5.2	-1.7
+50			5.2	-1.7
+75			5.3	-1.8
5+00			5.0	-1.5

BM#4-P 4.81 4.00' -0.81 ✓

BM#6-P 4.55 -0.55 ✓

Sta N-8+00 + W-0+50

Sta	+	H.I.	-	Elev
N-5+25	W-0+0	4.00	5.7	-1.7
+50			5.5	-1.5
+75			5.6	-1.6
6+00			5.5	-1.5
+25			5.4	-1.4
+50			5.1	-1.1
+75			5.0	-1.0
7+00			5.3	-1.3
W 0+25				
N 7+00			5.0	-1.0
6+75			5.1	-1.1
+50			5.2	-1.2
+25			5.3	-1.3
6+00			5.4	-1.4
5+75			5.7	-1.7
+50			5.7	-1.7
+25			5.7	-1.7
W 0+50				
N-5+25			5.7	-1.7
+50			5.7	-1.7
+75			5.7	-1.7
6+00			5.4	-1.4
+25			5.1	-1.1
+50			5.2	-1.2
+75			5.0	-1.0
7+00			4.8	-0.8

Sta	+	H1	-	Elev
N7+00	W0+75	4.00	4.9	-0.9
6+75			5.1	-1.1
+50			5.0	-1.0
+25			5.0	-1.0
6+00			5.6	-1.6
5+75			5.6	-1.6
+50			5.3	-1.3
+25			4.9	-0.9

W1+00

N5+25			5.3	-1.3
+50			4.9	-0.9
+75			5.2	-1.2
6+00			5.5	-1.5
+25			5.3	-1.3
+50			5.1	-1.1
+75			5.2	-1.2
7+00			5.0	-1.0

W1+25

N7+00			4.9	-0.9
6+75			4.9	-0.9
+50			4.7	-0.7
+25			4.8	-0.8
6+00			5.0	-1.0
5+75			5.3	-1.3
+50			5.4	-1.4
+25			5.4	-1.4

Sta.	+	HI	-	Elev
N 5+25	W 1+50	4.00	5.5	-1.5
	+50		5.5	-1.5
	+75		5.5	-1.5
6+00			5.5	-1.5
	+25		5.4	-1.4
	+50		5.2	-1.2
	+75		4.6	-0.6
7+00			4.5	-0.5
	W 1+75			
N 7+00			5.3	-1.3
6+75			5.5	-1.5
	+50		5.5	-1.5
	+25		5.6	-1.6
6+00			5.6	-1.6
5+75			5.6	-1.6
	+50		5.6	-1.6
	+25		5.6	-1.6
	W 2+00			
N 5+25			5.7	-1.7
	+50		5.8	-1.8
	+75		5.8	-1.8
6+00			5.2	-1.2
	+25		5.1	-1.1
	+50		5.2	-1.2
	+75		5.2	-1.2
7+00			5.3	-1.3

Sta	+	HI	-	Elev
N 7+00	W 2+25	4.00	4.5	-0.5
6+75			4.7	-0.7
+50			5.0	-1.0
+25			5.3	-1.3
6+00			5.4	-1.4
5+75			5.8	-1.8
+50			5.7	-1.7
+25			5.4	-1.4
	W 2+50			
N 5+25			5.5	-1.5
+50			5.6	-1.6
+75			5.5	-1.5
6+00			5.5	-1.5
+25			5.5	-1.5
+50			5.7	-1.7
+75			5.0	-1.0
7+00			4.7	-0.7
	W 2+75			
N 7+00			5.6	-1.6
6+75			5.3	-1.3
+50			5.1	-1.1
+25			5.3	-1.3
6+00			5.3	-1.3
5+75			5.3	-1.3
+50			5.3	-1.3
+25			5.4	-1.4

Sta.	+	HI	-	Elev
N-5+25	W 3+00	4.00	5.2	-1.2
+50			5.4	-1.4
+75			5.3	-1.3
6+00			5.2	-1.2
+25			5.1	-1.1
+50			4.9	-0.9
+75			4.9	-0.9
7+00			5.2	-1.2
	W-3+25			
N 7+00			5.1	-1.1
6+75			4.9	-0.8
+50			5.0	-1.0
+25			5.1	-1.1
6+00			5.1	-1.1
5+75			5.0	-1.0
+50			5.2	-1.2
+25			5.3	-1.3
	W-3+50			
N 5+25			5.3	-1.3
+50			5.0	-1.0
+75			5.0	-1.0
6+00			4.8	-0.8
+25			5.0	-1.0
+50			4.9	-0.9
+75			5.0	-1.0
7+00			5.0	-1.0

Sta.	+	H.I.	-	Elev
N 7+00	W 3+75	4.00	5.0	-1.0
6+75			4.8	-0.8
+50			4.8	-0.8
+25			4.8	-0.8
6+00			5.0	-1.0
5+75			4.9	-0.9
+50			5.0	-1.0
+25			5.1	-1.1

W 4+00

N 5+25			5.1	-1.1
+50			5.0	-1.0
+75			5.0	-1.0
6+00			5.0	-1.0
+25			4.9	-0.9
+50			4.8	-0.8
+75			4.7	-0.7
7+00			4.8	-0.8

BM#7-P. 5.34 4.56 4.78 -0.78 ✓

Hub Sta W-4+00 N-7+00

Sta.	+	HI	-	Elev
N7+00	W4+25	4.56	4.7	-0.1
6+75			5.2	-0.6
+50			5.0	-0.4
+25			5.4	-0.8
6+00			5.4	-0.8
5+75			5.5	-0.9
+50			5.5	-0.9
+25			5.9	-1.3
	W4+50			
N5+25			5.8	-1.2
+50			5.5	-0.9
+75			5.4	-0.8
6+00			5.5	-0.9
+25			5.0	-0.4
+50			5.0	-0.4
+75			5.0	-0.4
7+00			4.5	0.0
	W4+75			
N7+00			5.2	-0.6
6+75			5.0	-0.4
+50			5.2	-0.6
+25			5.2	-0.6
6+00			5.2	-0.6
5+75			5.0	-0.4
+50			5.2	-0.6
+25			5.5	-0.9

Sta.	+	H _i	-	Elev
N 5+25	W 5+00	4.56	5.1	-0.5
+50			5.1	-0.5
+75			4.9	-0.3
6+00			4.7	-0.1
+25			4.8	-0.2
+50			4.8	-0.2
+75			4.6	0.0
7+00			4.6	0.0
	W 5+25			
N 7+00			4.5	0.0
6+75			4.6	0.0
+50			4.8	-0.2
+25			5.1	-0.5
6+00			5.2	-0.6
5+75			5.1	-0.5
+50			4.9	-0.3
+25			5.2	-0.6
	W 5+50			
N 5+25			5.2	-0.6
+50			5.2	-0.6
+75			5.1	-0.5
6+00			5.2	-0.6
+25			5.1	-0.5
+50			4.9	-0.3
+75			4.7	-0.1
7+00			4.4	0.1

Sta.	+	H1	-	Elev
N7+00	W5+75	4.56	4.7	-0.1
6+75			5.1	-0.5
+50			5.2	-0.6
+25			5.4	-0.8
6+00			5.3	-0.7
5+75			5.2	-0.6
+50			5.1	-0.5
+25			5.6	-1.0
	W6+00			
N5+25			5.5	-0.9
+50			5.1	-0.5
+75			5.1	-0.5
6+00			5.2	-0.6
+25			4.9	-0.3
+50			5.0	-0.4
+75			4.8	-0.2
7+00			4.7	-0.1
	W6+25			
N7+00			3.3	1.3
6+75			3.6	1.0
+50			3.6	1.0
+25			3.8	0.8
6+00			3.8	0.8
5+75			4.1	0.5
+50			4.5	0.0
+25			4.6	0.0

on in Bond St.

Sta.	HI	Elev
N 5+25 - W 6+50	4.56	6.4 } -1.8
+ 50		5.9 } -1.3
+ 75		6.0 } -1.4
6+00		6.0 } -1.4
+ 25		6.1 } -1.5
+ 50		6.1 } -1.5
+ 75		6.0 } -1.4
7+00		6.0 } -1.4
W 6+75		
N 7+00		4.3 } 0.3
6+75		4.6 } 0.0
+ 50		4.7 } -0.1
+ 25		4.6 } 0.0
6+00		4.7 } -0.1
5+75		4.9 } -0.3
+ 50		5.1 } -0.5
+ 25		5.1 } -0.5
W 7+00		
N 5+25		5.8 } -1.2
+ 50		5.4 } -0.8
+ 75		5.2 } -0.6
6+00		4.7 } -0.1
+ 25		4.3 } 0.3
+ 50		4.3 } 0.3
+ 75		4.2 } 0.4
7+00		4.4 } 0.2

17 Borrow pit W. of Bond St.

Sta.	+	H ₁	-	Elev
N 7+00	W 7+25	4.56	4.3	0.3
6+75			4.3	0.3
+50			4.4	0.2
+25			4.4	0.2
6+00			5.8	-1.2
5+75			6.3	-1.7
+50			5.3	-0.7
+25			4.7	-0.1
W 7+50				
N 5+25			5.0	-0.4
+50			4.7	-0.1
+75			5.0	-0.4
6+00			6.4	-1.8
+25			6.0	-1.4
+50			5.6	-1.0
+75			5.4	-0.8
7+00			5.0	-0.4
W 7+75				
N 7+00			5.0	-0.4
6+75			4.7	-0.1
+50			4.8	-0.2
+25			4.4	0.2
6+00			4.5	0.0
5+75			4.4	0.2
+50			4.4	0.2
+25			5.6	-1.0

Sta	+	H ¹	-	Elev
N5+25	W8+00	4.56	6.2	-1.6
	+50		5.8	-1.2
	+75		4.9	+0.3
	6+00		4.5	0.0
	+25		4.3	0.2
	+50		4.4	0.2
	+75		4.5	0.0
	7+00		4.3	0.0

BM±8-A 5.67 5.99[✓] 4.24 0.32[✓]

Hub Sta N8+00 W8+00

	W8+25			
N7+00		6.0	0.0	
	6+75	5.9	0.1	
	+50	5.8	0.2	
	+25	5.9	0.1	
	6+00	6.2	-0.2	
	5+75	7.2	-1.2	
	+50	7.5	-1.5	
	+25	7.6	-1.6	

Sta.	+	H _i	-	Elev.
N5+25	W8+50	5.99	7.4	-1.4
	+50		6.4	-0.4
	+75		7.4	-1.4
6+00			7.1	-1.1
	+25		6.2	-0.2
	+50		5.8	0.2
	+75		5.8	0.2
7+00			5.7	0.3
W-8+75				
N7+00			5.8	0.2
6+75			5.8	0.2
	+50		6.0	0.0
	+25		6.9	-0.9
6+00			7.3	-1.3
5+75			5.5	0.5
	+50		5.4	0.4
	+25		7.1	-1.1
W9+00				
N5+25			7.1	-1.1
	+50		7.2	-1.2
	+75		5.5	0.5
6+00			5.3	0.7
	+25		6.4	-0.4
	+50		7.0	-1.0
	+75		6.0	0.0
7+00			5.7	0.3

Sta.	+	H.I.	-	Elev
N7+00	W9+25	5.99	6.1	-0.1
6+75			6.8	-0.8
+50			6.0	0.0
+25			5.1	0.9
6+00			5.2	0.8
5+75			5.4	0.6
+50			7.5	-1.5
+25			7.3	-1.3
W9+50				
N5+25			7.3	-1.3
+50			7.5	-1.5
+75			5.3	0.7
6+00			5.3	0.7
+25			5.2	0.8
+50			5.1	0.9
+75			6.3	-0.3
7+00			6.0	0.0
W9+75				
N7+00			6.2	-0.2
6+75			4.9	1.1
+50			5.1	0.9
+25			5.1	0.9
6+00			5.3	0.7
5+75			5.9	0.1
+50			7.9	-1.9
+25			6.5	-0.5

Sta.	+	H1	-	Elev
1 N 5+25	W10+00	5.99	6.0	0.0
	+50		7.9	-1.9
	+75		6.3	-0.3
	6+00		5.5	0.5
	+25		5.2	0.8
	+50		5.0	1.0
	+75		4.8	1.2
	7+00		5.0	1.0
	W10+25			
1 N 7+00			4.7	1.3
	6+75		4.8	1.2
	+50		5.0	1.0
	+25		5.3	0.7
	6+00		5.7	0.3
	5+75		6.3	-0.3
	+50		8.1	-2.1
	+25		6.1	-0.1
	W10+50			
1 N 5+25			6.0	0.0
	+50		6.7	-0.7
	+75		7.9	-1.9
	6+00		6.3	-0.2
	+25		5.5	0.5
	+50		5.1	0.9
	+75		5.0	1.0
	7+00		4.7	1.3

Sta.	+	H1	-	Elev.
N 7+00	W10+75	5.99	4.9	1.1
6+75			5.2	0.8
+50			5.3	0.7
+25			5.8	0.2
6+00			6.2	-0.2
5+75			7.8	-1.8
+50			5.6	0.4
+25			6.2	-0.2
	W11+00			
N 5+25			6.1	-0.1
+50			5.7	0.3
+75			7.3	-1.3
6+00			7.8	-1.8
+25			6.1	-0.1
+50			5.8	0.2
+75			5.4	0.6
7+00			5.2	0.8
	W11+25			
N 7+00			5.4	0.6
6+75			5.7	0.3
+50			6.5	-0.5
+25			7.9	-1.9
6+00			5.4	0.6
5+75			7.0	-1.0
+50			5.7	0.3
+25			6.1	-0.1

Sta.	+	H1	-	Elev
N5+25	W11+50	5.99	5.6	0.4
+50			6.1	-0.1
+75			6.6	-0.6
6+00			5.5	0.5
+25			5.3	0.7
+50			7.8	-1.8
+75			6.6	-0.6
7+00			5.2	0.8

W11+75

N7+00			7.6	-1.6
6+75			6.8	-0.8
+50			5.7	0.3
+25			5.4	0.6
6+00			5.3	0.7
5+75			6.1	0.1
+50			5.5	0.5
+25			5.2	0.8

W12+00

N5+25			5.4	0.6
+50			5.2	0.8
+75			5.7	0.3
6+00			6.3	-0.3
+25			5.0	1.0
+50			5.1	0.9
+75			5.3	0.7
7+00			5.5	0.5

Sta + HI - Elev

5.99

BM#9-P 4.19 6.04' 4.14 1.85'

W12+00

N 7+25 6.4 -0.4

+50 5.9 0.1

+25 4.6 1.4

8+00 4.2 1.8

+25 4.0 2.0

+50 4.4 1.6

+75 4.2 1.8

9+00 4.2 1.8

W11+75

N 9+00 4.1 1.9

8+75 4.5 1.5

+50 4.9 1.6

+25 4.5 1.5

8+00 4.7 1.3

7+75 4.5 1.5

+50 4.5 1.5

+25 4.9 1.1

185
4.19
6.04

34

Sta. W12+00 N-8+00

Sta.	+	HI	-	Elev
N 7+25	W 11+50	6.04	4.7	1.3
+50			5.3	0.7
+75			4.9	1.1
8+00			5.0	1.0
+25			4.5	1.5
+50			4.4	1.6
+75			4.0	2.0
9+00			4.1	1.9

W 11+25

N 9+00			5.0	1.0
8+75			4.1	1.9
+50			4.0	2.0
+25			4.4	1.6
8+00			4.7	1.3
7+75			4.9	1.1
+50			4.4	1.6
+25			5.5	0.5

W 11+00

N 7+25			4.6	1.4
+50			5.1	0.9
+75			4.4	1.6
8+00			4.5	1.5
+25			4.3	1.7
+50			4.5	1.5
+75			5.3	0.7
9+00			5.7	0.3

Sta.	+	H.I.	-	Elev.
N 9+00	W 10+75	6.04	5.4	0.6
8+75			5.3	0.7
+50			5.9	0.1
+25			4.9	1.1
8+00			4.3	1.7
7+75			4.4	1.6
+50			4.5	1.5
+25			4.9	1.1
	W 10+50			
N 7+25			4.9	1.1
+50			4.5	1.5
+75			4.7	1.3
8+00			5.5	0.5
+25			5.7	0.3
+50			4.9	1.1
+75			5.2	0.8
9+00			4.6	1.4
	W 10+25			
N 9+00			4.6	1.4
8+75			5.0	1.0
+50			5.2	0.8
+25			5.7	0.3
8+00			5.4	0.6
7+75			5.4	0.6
+50			5.2	0.8
+25			4.8	1.2

Sta.	+	H I	-	Elev
N 7+25	W 10+00	6.04	5.7	0.3
+50			5.8	0.2
+75			5.5	0.5
8+00			5.5	0.5
+25			5.1	0.9
+50			4.7	1.3
+75			4.6	1.4
9+00			5.1	0.9
	W 9+75			
N 9+00			4.7	1.3
8+75			5.1	0.9
+50			4.6	1.4
+25			5.1	0.9
8+00			5.3	0.7
7+75			5.6	0.4
+50			5.6	0.4
+25			5.8	0.2
	W 9+50			
N 7+25			5.4	0.6
+50			5.9	0.1
+75			5.6	0.4
8+00			5.3	0.7
+25			4.9	1.1
+50			4.9	1.1
+75			5.0	1.0
9+00			5.0	1.0

Sta.	+	H1	-	Elev
N9+00	W9+25	6.04	4.9	1.1
8+75			5.0	1.0
+50			5.1	0.9
+25			4.8	1.2
8+00			5.0	1.0
7+75			5.6	0.4
+50			5.7	0.3
+25			6.2	-0.2
	W9+00			
N7+25			5.8	0.2
+50			5.6	0.4
+75			5.4	0.6
8+00			5.1	0.9
+25			5.1	0.9
+50			4.7	1.3
+75			5.0	1.0
9+00			4.6	1.4
	W8+75			
N9+00			4.4	1.6
8+75			4.7	1.3
+50			5.0	1.0
+25			5.1	0.9
8+00			5.1	0.9
7+75			5.3	0.7
+50			5.6	0.4
+25			5.8	0.2

Sta.	+	HI	-	Elev
N7+25	W8+50	6.04	5.9	0.1
+50			5.2	0.8
+75			5.1	0.9
8+00			4.8	1.2
+25			5.4	0.6
+50			5.2	0.8
+75			4.8	1.2
9+00			4.7	1.3
	W8+25			
N9+00			5.2	0.8
8+75			4.8	1.2
+50			4.9	1.1
+25			5.7	0.3
8+00			5.5	0.5
7+75			5.2	0.8
+50			5.2	0.8
+25			5.3	0.7
	W8+00			
N7+25			5.3	0.7
+50			5.5	0.5
+75			5.6	0.4
8+00			5.9	0.1
+25			5.3	0.7
+50			5.2	0.8
+75			5.7	0.3
9+00			5.5	0.5

Sta.	-	HI	=	Elev
N 9+00	W 7+75	6.04	5.5	0.5
8+75			5.9	0.1
+50			6.1	-0.1
+25			5.8	0.2
8+00			5.6	0.4
7+75			6.0	0.0
+50			6.0	0.0
+25			7.0	-1.0

W 7+50

N 7+25			6.4	-0.4
+50			6.7	-0.7
+75			6.6	-0.6
8+00			6.5	-0.5
+25			6.0	0.0
+50			5.2	0.8
+75			5.1	0.9
9+00			5.1	0.9

BM#8-P. 5.36 5.68¹ 0.32[✓]BM#10-P. 4.45 1.23[✓]

Sta W 4+00 N 11+00

Sta.	+	H1	-	Elev.
N 9+00	W 7+25	5.68	4.7	1.0
8+75			4.9	0.8
+50			5.1	0.6
+25			5.1	0.6
8+00			5.2	0.5
7+75			5.1	0.6
+50			5.1	0.6
+25			5.5	0.2
	W 7+00			
N 7+75			5.1	0.6
+50			5.2	0.5
+25			5.2	0.5
8+00			5.4	0.3
+25			5.4	0.3
+50			5.1	0.6
+75			4.9	0.8
9+00			4.7	1.0
	W 6+75			
N 9+00			5.0	0.7
8+75			4.5	1.2
+50			4.7	1.0
+25			4.9	0.8
8+00			5.1	0.6
7+75			5.0	0.7
+50			5.0	0.7
+25			5.3	0.4

Sta	+	H.I.	-	Elev.
N7+25	W6+50	5.68	7.1	-1.4
+50			6.8	-1.2
+75			6.3	-0.6
8+00			6.2	-0.5
+25			6.2	-0.5
+50			6.1	-0.4
+75			6.0	-0.3
9+00			5.6	0.0
	W6+25			
N9+00			4.7	1.0
8+75			4.7	1.0
+50			4.7	1.0
+25			4.6	1.1
8+00			4.5	1.2
7+75			4.6	1.1
+50			4.5	1.2
+25			4.6	1.1
	W6+00			
N7+25			6.0	-0.3
+50			5.8	-0.1
+75			5.5	0.2
8+00			5.2	0.5
+25			5.2	0.5
+50			5.2	0.5
+75			5.1	0.6
9+00			5.2	0.5

Borrow pit W. Bond St.

on Fill Bond St.

Sta.	-	H'	-	Elev.
1 N9+00	W 5+75	5.68	5.3	0.4
8+75			5.2	0.5
+50			5.2	0.5
+25			5.1	0.6
8+00			5.1	0.6
7+75			5.3	0.2
+50			5.6	0.1
+25			5.6	0.1
	W 5+50			
1 N7+25			5.5	0.2
+50			5.1	0.6
+75			5.5	0.2
8+00			5.3	0.4
+25			5.1	0.6
+50			4.9	0.8
+75			5.3	0.7
9+00			5.6	0.1
	W 5+25			
1 N9+00			6.3	-0.6
8+75			6.5	-0.8
+50			6.1	-0.4
+25			6.0	-0.3
8+00			6.0	-0.3
7+75			5.5	0.2
+50			5.0	0.7
+25			5.2	0.5

Sta.	+	H1	-	Elev
N7+25	W5+00	5.68	5.4	0.3
+50			5.9	-0.2
+75			6.0	-0.3
8+00			6.0	-0.3
+25			6.0	-0.3
+50			5.8	-0.1
+75			6.3	-0.6
9+00			6.1	-0.4
	W4+75			
N9+00			6.2	-0.5
8+75			6.0	-0.3
+50			6.0	-0.3
+25			6.2	-0.5
8+00			6.3	-0.6
7+75			6.4	-0.7
+50			6.4	-0.7
+25			6.3	-0.6
	W4+50			
N7+25			5.5	0.2
+50			5.8	-0.1
+75			6.1	-0.4
8+00			6.1	-0.4
+25			6.5	-0.8
50			5.8	-0.1
75			6.3	-0.6
9+00			5.9	-0.2

Sta	+	H1	-	Elev
N 9+00	W4+25	5.68	5.3	0.3
8+75			5.9	-0.2
+50			9.2	-3.5
+25			7.1	-1.4
8+00			6.3	-0.6
7+75			6.5	-0.8
+50			6.6	-0.9
25			6.3	-0.6
	W4+00			
N 7+25			6.6	-0.9
+50			7.0	-1.3
+75			6.9	-1.2
8+00			7.0	-1.3
+25			6.8	-1.1
+50			9.5	-3.8
+75			6.7	-1.0
9+00			6.5	-0.8
	W3+75			
N 9+00			6.9	-1.2
8+75			6.1	-0.4
+50			6.8	-1.1
+25			6.9	-1.2
8+00			6.9	-1.2
7+75			7.1	-1.4
+50			7.2	-1.5
+25			6.9	-1.2

Sta.	+	H1	-	Elev
N 7+25	W 3+50	5.68	7.0	-1.3
+50			6.8	-1.1
+75			6.8	-1.1
8+00			6.6	-0.9
+25			7.0	-1.3
+50			6.7	-1.0
+75			6.7	-1.0
9+00			6.3	-0.7

W 3+25

N 9+00			6.2	-0.5
8+75			6.5	-0.8
+50			6.6	-0.9
+25			6.4	-0.7
8+00			6.6	-0.9
7+75			6.7	-1.0
+50			6.8	-1.1
+25			6.9	-1.2

BM#7-P. 5.10 4.32 ✓ -0.78 ✓

BM#11-P. 3.21 1.11 ✓

Sta. W 2+00 N 11+00

Sta.	+	HI	-	Elev.
N 7+25	W3+00	4.32	5.6	-1.3
+ 50			5.5	-1.2
+ 75			5.2	-0.9
8+00			4.8	-0.5
+ 25			5.0	-0.7
+ 50			5.2	-0.9
+ 75			5.0	-0.7
9+00			4.5	-0.2
	W2+75			
N 9+00			4.3	0.0
8+75			4.7	-0.4
+ 50			5.1	-0.8
+ 25			5.3	-1.0
8+00			4.7	-0.4
7+75			4.9	-0.6
+ 50			4.9	-0.6
+ 25			5.4	-1.1
	W 2+50			
N 7+25			5.3	-1.0
+ 50			5.0	-0.7
+ 75			4.9	-0.6
8+00			5.2	-0.9
+ 25			5.4	-1.1
+ 50			5.1	-0.8
+ 75			4.6	-0.3
9+00			4.4	-0.1

Sta.	+	H ₁	-	Elev
N 9+00	W 2+25	4.32	4.2	0.1
8+75			4.4	-0.1
+50			4.9	-0.6
+25			5.3	-1.0
8+00			5.4	-1.1
7+75			5.5	-1.2
+50			5.5	-1.2
+25			5.4	-1.1
	W 2+00			
N 7+25			5.5	-1.2
+50			5.5	-1.2
+75			5.2	-0.9
8+00			5.1	-0.8
+25			5.3	-1.0
+50			4.6	-0.3
+75			4.2	-0.9
9+00			3.9	0.4
	W 1+75			
N 9+00			3.8	0.5
8+75			3.9	0.4
50			4.8	-0.5
25			5.3	-1.0
8+00			5.4	-1.1
7+75			5.4	-1.1
+50			5.5	-1.2
25			5.6	-1.3

Sta.	+	H1	-	Elev
N 7+25	W1450	4.32	4.8	-0.5
50			4.8	-0.5
75			4.9	-0.6
8+00			4.7	-0.4
25			5.1	-0.8
50			5.1	-0.8
75			4.8	-0.5
9+00			4.5	-0.2
	W1425			
N 9+00			4.8	-0.5
8+75			4.3	0.0
50			4.7	-0.4
25			4.8	-0.5
8+00			4.9	-0.6
7+75			5.2	-0.9
50			5.3	-1.0
25			5.3	-1.0
	W1400			
N 7+25			5.2	-0.9
50			5.3	-1.0
75			5.2	-0.9
8+00			4.7	-0.4
25			4.7	-0.1
50			4.5	-0.2
75			4.0	0.3
9+00			3.7	0.6

Sta	+	HI	-	Elev
N 9+00	W 0+75	4.32	3.5	0.8
8+75			4.0	0.3
50			4.4	-0.1
25			4.7	-0.4
8+00			4.7	-0.4
7+75			5.0	-0.7
50			5.3	-1.0
25			5.4	-1.1
W 0+50				
N 7+25			5.4	-1.1
50			5.2	-0.9
75			5.0	-0.7
8+00			4.9	-0.6
+25			4.6	-0.3
50			4.3	0.0
75			4.2	0.1
9+00			3.9	0.4
W 0+25				
N 9+00			4.0	0.3
8+75			4.1	0.2
+50			4.3	0.0
+25			4.7	-0.4
8+00			5.1	-0.8
7+75			5.2	-0.9
+50			5.4	-1.1
+25			5.5	-1.2

Feb 12th 1934
Agnew - Inst.
Ergert - Rod.
Colvin } ch.
Higgins }

Sta	+	H'	-	Bley
N 7+25	W 0+0	4.32	5.4	-1.1
50			5.1	-0.8
75			4.8	-0.5
8+00			4.7	-0.4
25			4.4	-0.1
50			3.7	0.6
75			3.6	0.7
9+00			3.7	0.6

BM #1-P	4.39	4.74 ^v		0.35 ^v
BM #5-A	5.53	6.24 ^v	4.03	0.53 0.71 (63) $\frac{Sec 1482}{57}$
BM #9-P	4.91	6.90 ^v	4.25	0.85 1.99

W 12+00

N 9+25		4.6	2.3
50		4.9	2.0
75		4.7	2.2
10+00		5.3	1.6
+25		5.8	1.1
+50		6.4	0.5
+75		6.4	0.5
11-00		5.0	1.9

sta.	+	H1	-	Elev.
N 11+00	W 11+75	6.90	4.5	2.4
10+75			4.7	2.2
+50			4.7	2.2
+25			6.5	0.4
10+00			6.5	0.4
9+75			5.9	1.0
+50			4.6	2.3
+25			4.6	2.3
	W 11+50			
N 9+25			5.6	1.3
+50			6.8	0.1
+75			6.3	0.6
10+00			5.3	1.6
+25			5.1	1.8
+50			4.9	2.0
+75			4.3	2.6
11+00			4.9	2.0
	W 11+25			
N 11+00			4.7	2.2
10+75			4.8	2.1
50			4.8	2.1
25			4.8	2.1
10+00			5.1	1.8
9+75			5.2	1.7
+50			6.0	0.9
+25			6.3	0.6

Sta.	+	HI	-	Elev
N-9+25	W11+00	6.90	5.9	1.0
+50			5.1	1.8
+75			5.3	1.6
10+00			5.0	1.9
+25			5.0	1.9
+50			4.8	2.1
+75			4.7	2.2
11+00			4.6	2.3
	W-10+75			
N 11+00			4.9	2.0
10+75			4.8	2.1
+50			5.0	1.9
+25			4.9	2.0
10+00			5.0	1.9
9+75			5.2	1.7
+50			5.6	1.3
+25			4.8	2.1
	W10+50			
N 9+25			5.6	1.3
50			5.0	1.9
75			5.3	1.6
10+00			5.0	1.9
+25			4.9	2.0
50			4.7	2.2
75			5.0	1.9
11+00			5.0	1.9

Sta.	+	H1	-	Elev
N11+00	W10+25	6.90	5.0	1.9
10+75			5.2	1.7
50			5.1	1.8
25			5.0	1.9
10+00			5.0	1.9
9+75			5.1	1.8
50			5.3	1.6
25			5.4	1.5
	W10+00			
N9+25			5.3	1.6
50			5.3	1.6
75			5.3	1.6
10+00			5.2	1.7
+25			5.2	1.7
+50			5.2	1.7
75			4.8	2.1
11+00			5.0	1.9
	W9+75			
N11+00			5.0	1.9
10+75			5.2	1.7
+50			5.0	1.9
+25			5.3	1.6
10+00			5.2	1.7
9+75			5.4	1.5
50			5.7	1.2
25			5.6	1.3

Sta.	+	H1	-	Elev
N 9+25	W 9+50	6.90	5.4	1.5
	50		5.1	1.8
	75		5.2	1.7
10+00			5.3	1.6
	+25		5.1	1.8
	+50		5.3	1.6
	75		5.2	1.7
11+00			5.3	1.6
	W 9+25			
N 11+00			5.6	1.3
	10+75		5.2	1.7
	50		5.3	1.6
	25		5.5	1.4
10+20			5.5	1.4
	9+75		5.1	1.8
	+50		5.2	1.7
	+25		5.4	1.5
	W 9+00			
N 9+25			5.2	1.7
	50		5.2	1.7
	75		5.6	1.3
10+00			5.4	1.5
	+25		5.0	1.9
	50		4.9	2.0
	75		5.0	1.9
11+00			4.9	2.0

	+	H.I.	-	Elev
BM#1-P	3.59	3.94 ^v		0.35 ^v
TP	4.98	6.12 ^{6.07}	2.85	1.09 1.14
B.M.#12-P			4.83	1.24 ^L 1.29

Sta W 7+00 - N 11+00

W 8+75

N 11+00		4.0	2.1
10+75		4.3	1.8
50		4.3	1.8
25		4.1	2.0
10+00		4.4	1.7
9+75		4.8	1.3
50		4.9	1.2
25		4.5	1.6

W 8+50

N 9+25		5.0	1.1
50		4.8	1.3
75		4.6	1.5
10+00		4.4	1.7
+ 25		4.2	1.9
50		4.3	1.8
75		4.2	1.9
11+00		4.3	1.8

Sta.	+	H1	-	Elev
N11+00	W8+25	6.12	4.5	1.6
10+75			4.4	1.7
50			4.3	1.8
25			4.2	1.9
10+00			4.5	1.6
9+75			4.5	1.6
50			4.7	1.4
25			5.0	1.1
W8+00				
N9+25			5.3	0.8
50			5.0	1.1
75			4.8	1.3
10+00			4.6	1.5
+25			4.3	1.8
50			4.5	1.6
75			4.7	1.4
11+00			4.7	1.4
W7+75				
N11+00			4.5	1.6
10+75			4.6	1.5
50			4.9	1.2
25			4.6	1.5
10+00			4.7	1.4
9+75			4.8	1.3
50			4.9	1.2
25			5.0	1.1

Sta.	+	H1	-	Elev
N 9+25	W 7+50	6.12	5.0	1.1
	50		4.6	1.5
	75		4.6	1.5
	10+00		4.6	1.5
	25		4.8	1.3
	50		4.7	1.4
	75		4.4	1.7
	11+00		4.4	1.7
	W 7+25			
N 11+00			4.4	1.7
	10+75		4.5	1.6
	+ 50		4.6	1.5
	+ 25		4.8	1.3
	10+00		5.0	1.1
	9+75		4.9	1.2
	+ 50		4.8	1.3
	+ 25		4.6	1.5
	W 7+00			
N 9+25			4.9	1.2
	+ 50		4.8	1.3
	75		5.1	1.0
	10+00		5.0	1.1
	+ 25		4.7	1.4
	50		4.8	1.3
	75		4.8	1.3
	11+00		4.8	1.3

Sta.	+	H1	-	Elev
N 11+00	W 6+75	6.12	4.9	1.2
10+75			5.1	1.0
50			5.0	1.1
25			4.9	1.2
10+00			5.1	1.0
9+75			5.0	1.1
50			4.9	1.2
25			5.2	0.9
	W 6+50			
N 9+25			6.0	0.1
50			5.9	0.2
75			6.0	0.1
10+00			5.8	0.3
+75			5.8	0.3
50			5.7	0.4
75			5.6	0.5
11+00			5.5	0.6
	W 6+25			
N 11+00			4.1	2.0
10+75			3.9	2.2
+50			4.0	2.1
25			4.1	2.0
10+00			4.2	1.9
9+75			4.6	1.5
50			4.9	1.2
25			5.3	0.8

W-Side Band St.

Sta.	+	HI	-	Elev
N 9+25	W 6+00	6.12	5.5	0.6
50			5.2	0.9
75			5.0	1.1
10+00			4.8	1.3
25			4.8	1.3
50			4.6	1.5
75			4.7	1.4
11+00			4.9	1.2
	W 5+75			
N 11+00			5.9	0.2
10+75			6.0	0.1
50			5.9	0.2
25			5.7	0.4
10+00			5.8	0.3
9+75			5.8	0.3
50			5.8	0.3
25			5.9	0.2
	W 5+50			
N 9+25			6.3	-0.2
50			6.3	-0.2
75			5.7	0.4
10+00			5.6	0.5
+25			6.0	0.1
50			6.1	0.0
75			5.8	0.3
11+00			5.0	1.1

Sta.	+	HI	-	Elev
N 14+00	W 5+25	6.12	5.9	0.2
10+75			6.5	-0.4
50			6.6	-0.5
25			5.8	0.3
10+00			6.5	-0.4
9+75			6.7	-0.6
50			6.3	-0.2
25			6.3	-0.2
	W 5+00			
N 9+25			6.9	-0.8
50			6.8	-0.7
75			6.8	-0.7
10+00			6.7	-0.6
25			6.6	-0.5
50			6.8	-0.7
75			5.8	0.3
11+00			5.3	0.8
	W 4+75			
N 11+00			5.1	1.0
10+75			5.5	0.6
50			5.4	0.7
25			5.8	0.3
10+00			5.9	0.2
9+75			6.0	0.1
50			6.2	-0.1
25			6.4	-0.3

Sta.	+	H1	-	Elev
BM#6-P	6.44	5.89		-0.55

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W4+50

N9+25		5.5	0.4
50		5.1	0.8
75		5.0	0.9
10+00		4.8	1.1
75		4.7	1.2
50		4.7	1.2
75		4.9	1.0
11+00		4.7	1.2

W4+25

W11+00		4.1	1.8
10+75		4.2	1.7
50		4.3	1.6
25		4.3	1.6
10+00		4.6	1.3
9+75		4.8	1.1
50		4.9	1.0
25		5.2	0.7

Sta.	+	H1	-	Elev
N9+25	W4+00	5.89	6.5	-0.6
50			6.0	-0.1
75			5.8	0.0
10+00			5.4	0.4
+25			5.2	0.7
50			5.1	0.8
75			4.9	1.0
11+00			4.6	1.3
W3+75				
N11+00			4.8	1.1
10+75			5.0	0.9
50			5.1	0.8
25			5.3	0.6
10+00			5.4	0.5
9+75			5.4	0.5
50			5.5	0.4
25			6.0	-0.1
W3+50				
N9+25			5.7	0.2
50			5.7	0.2
75			5.7	0.2
10+00			5.3	0.6
+25			5.2	0.7
50			5.1	0.8
75			4.9	1.0
11+00			4.4	1.5

Sta.	+	HI	-	Elev.
N11+00	W3+25	5.89	4.6	1.3
	10+75		4.9	1.0
	50		5.2	0.7
	25		5.3	0.6
	10+00		5.2	0.7
	9+75		5.6	0.3
	50		5.9	0.0
	25		5.9	0.0
	W3+00			
N9+25			5.9	0.0
	50		5.8	0.1
	75		5.6	0.3
	10+00		5.4	0.5
	+25		5.2	0.7
	50		5.0	0.9
	75		4.5	1.4
	11+00		4.4	1.5
	W2+75			
N11+00			4.6	1.3
	10+75		4.7	1.2
	50		4.9	1.0
	25		5.0	0.9
	10+00		5.1	0.8
	9+75		5.5	0.4
	50		5.5	0.4
	25		5.8	0.1

Sta.	+	H1	-	Elev
N 9+25	W 2+50	5.89	5.5	0.4
50			5.2	0.7
75			5.2	0.7
10+00			5.1	0.8
25			4.9	1.0
50			4.8	1.1
75			4.5	1.4
11+00			4.4	1.5
	W 2+25			
N 11+00			4.6	1.3
10+75			4.9	1.0
50			5.0	0.9
25			5.1	0.8
10+00			5.0	0.8
9+75			5.1	0.8
50			5.3	0.6
25			5.5	0.4
	W 2+00			
N 9+25			5.1	0.8
+50			4.8	1.1
+75			4.8	1.1
10+00			4.7	1.2
+25			4.7	1.2
50			4.6	1.3
75			4.7	1.2
11+00			4.7	1.2

Sta.	+	H1	-	Elev
N11+00	W1+75	5.89	4.8	1.1
10+75			4.8	1.1
50			4.9	1.0
25			5.0	0.9
10+00			5.1	0.8
9+75			5.0	0.9
50			5.1	0.8
25			5.1	0.8
N11+50				
N9+25			5.9	0.0
50			5.7	0.2
75			5.8	0.1
10+00			5.7	0.2
+25			5.4	0.5
50			5.3	0.6
75			5.0	0.9
11+00			5.0	0.9
W1+25				
N11+00			4.8	1.1
10+75			4.8	1.1
50			5.0	0.9
25			5.2	0.7
10+00			5.4	0.5
9+75			5.3	0.6
50			5.3	0.6
25			5.4	0.5

Sta.	+	H1	-	Elev
N9+25	W1+00	5.89	5.0	0.4
50			5.1	0.8
75			5.1	0.8
10+00			4.9	1.0
25			5.0	0.9
50			4.7	1.2
75			4.7	1.2
11+00			4.7	1.2
W10+75				
N11+00			4.5	1.4
10+75			4.6	1.3
50			4.8	1.1
25			4.8	1.1
10+00			4.9	1.0
9+75			4.8	1.1
50			4.9	1.0
25			5.0	0.9
W0+50				
N9+25			5.3	0.6
50			5.2	0.7
75			5.2	0.7
10+00			5.0	0.9
25			5.0	0.9
50			5.0	0.9
75			4.9	1.0
11+00			4.8	1.1

Sta.	+	HI	-	Elev
N 11+00	W 0+25	5.89	4.7	1.2
10+75			5.0	0.9
50			5.0	0.9
25			4.8	1.1
10+00			4.8	1.1
9+75			4.8	1.1
50			5.1	0.8
25			5.3	0.6
	W 0+0			
N 9+25			5.2	0.7
50			5.3	0.6
75			5.1	0.8
10+00			5.0	0.9
25			5.0	0.9
50			5.0	0.9
75			4.9	1.0
11+00			4.9	1.5

B.M. #11-P 546 6.57 1.11

Sta.	+	H ¹	-	Elev
N11+25	W0+0	6.57	5.0	1.6
	+50		5.0	1.6
	75		5.1	1.5
12+00			5.0	1.6
	25		5.0	1.6
	50		4.7	1.9
	55		4.7	1.9
	65		1.8	4.8
	85		1.5	5.1
	95		4.2	2.4
13+00			4.2	2.4
	W0+25			
N13+00			4.4	2.2
	12+90		1.5	5.1
	12+75		1.9	4.7
	70		2.4	4.2
	55		4.9	1.7
	12+25		5.1	1.5
	12+00		5.0	1.6
	11+75		5.1	1.5
	50		5.2	1.4
	25		5.2	1.4

Toe of slope

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R.R. Embankmt.

Sta.	+	H1	-	Elev
N11+25	W0+50	6.57	5.5	1.1
	+50		5.4	1.2
	75		5.2	1.4
12+00			5.1	1.5
	+25		5.0	1.6
	50		4.8	1.8
	70		4.7	1.9
	80		2.1	4.5
13+00			2.5	4.1
	+10		4.5	2.1
	W0+75			
13+20			4.0	2.6
	+10		1.6	5.0
12+90			2.1	4.5
	80		4.7	1.9
	50		5.1	1.5
	25		5.1	1.5
12+00			5.2	1.4
11+75			5.1	1.5
	50		5.2	1.4
	25		5.0	1.6

Toe of Slope
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Sta.	+	HI	-	Elev
N11+25	W1+00	6.57	5.2	1.4
	+ 50		4.9	1.7
	75		5.0	1.6
12+00			4.9	1.7
	+ 25		5.2	1.4
	50		5.1	1.5
	80		4.9	1.7
	90		2.1	4.5
13+10			1.3	5.3
13+20			4.1	2.5
	W1+25			
13+25			4.2	2.4
13+15			1.6	5.0
12+95			2.3	4.3
12+85			5.0	1.6
	+ 50		4.9	1.7
	25		5.0	1.6
12+00			4.9	1.7
11+75			5.2	1.4
	50		5.4	1.2
	25		5.5	1.1

Toe of Slope
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Sta.	+	H1	-	Elev
N11+25	W1+50	6.57	5.8	0.8
	50		5.7	0.9
	75		5.6	1.0
12+00			5.4	1.2
	+25		5.1	1.5
	+50		4.9	1.7
	75		4.6	2.0
12+90			4.7	1.9
13+10			2.4	4.2
13+30			1.4	5.2
13+40			4.1	2.5
	W1+75			
13+45			3.9	2.7
	+35		1.4	5.2
	15		2.3	4.3
	.05		4.4	2.2
12+75			4.7	1.9
	50		5.1	1.5
	25		5.2	1.4
12+00			5.4	1.2
11+75			5.4	1.2
	50		5.6	1.0
	25		5.6	1.0

Toe of Bank
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Sta.	+	H1	-	Elev
N 11+25	W 2+00	6.57	5.4	1.2
	50		5.4	1.2
	75		5.4	1.2
	12+00		5.3	1.3
	25		5.4	1.2
	50		5.3	1.3
	75		5.0	1.6
	13+05		4.6	2.0
	13+15		2.2	4.4
	13+35		1.6	5.0
	+ 45		3.7	2.9
	W 2+25			
	N 13+50		3.9	2.7
	+ 40		1.5	5.1
	+ 20		2.3	4.3
	+ 10		4.8	1.8
	12+75		5.0	1.6
	50		5.4	1.2
	25		5.4	1.2
	12+00		5.4	1.2
	11+75		5.5	1.1
	50		5.4	1.2
	25		5.5	1.1

Toe of Slope
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Sta.	+	H1	-	Elev
N11+25	W2+50	6.57	5.2	1.4
	50		5.2	1.4
	75		4.9	1.7
12+00			5.3	1.3
	+25		5.3	1.3
	50		5.4	1.2
	75		4.9	1.7
13+00			4.4	2.2
	15		4.8	1.8
	25		2.2	4.4
	45		1.7	4.9
	55		3.9	2.7

W2+75

N13+65			3.9	2.7
	55		1.8	4.8
	35		2.4	4.2
	25		4.8	1.8
13+00			4.4	2.2
12+75			5.0	1.6
	50		5.1	1.5
	25		5.1	1.5
12+00			4.8	1.8
11+75			4.8	1.8
	50		5.1	1.5
	25		5.1	1.5

Toe of Slope

Top " "

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Sta.	+	HI	-	Elev
N 11+25	W 3+00	6.57	4.8	1.8
	50		4.9	1.7
	75		4.8	1.8
12+00			4.3	2.3
	25		4.4	2.2
	50		4.5	2.1
	75		4.6	2.0
13+00			4.6	2.0
13+30			4.0	2.6
	40		2.2	4.4
	65		1.5	5.1
	75		4.0	2.6
	W 3+25			
N 13+75			3.7	2.9
	+ 65		1.5	5.1
	40		2.2	4.4
	30		4.2	2.4
13+00			4.6	2.0
12+75			4.4	2.2
	50		4.4	2.2
	25		4.4	2.2
12+00			4.4	2.2
11+75			4.9	1.7
	50		4.9	1.7
	25		5.1	1.5

Toe of Slope

Top " "

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Sta.	+	H1	-	Elev
N11+25	W3+50	6.57	4.9	1.7
50			4.8	1.8
75			4.7	1.9
12+00			4.7	1.9
25			4.5	2.1
50			4.3	2.3
75			4.4	2.2
13+00			4.6	2.0
30			4.4	2.2
40			2.3	4.3
70			1.6	5.0
80			3.8	2.8
	W3+75			
N13+80			3.7	2.9
70			1.6	5.0
40			2.2	4.4
30			4.3	2.3
13+00			4.3	2.3
12+75			4.7	1.9
50			4.5	2.1
25			4.7	1.9
12+00			4.9	1.7
11+75			4.9	1.7
50			4.9	1.7
25			4.9	1.7
BM#12-R	5.49	6.78	1.29	1.24 ^v
		6.73		

Toe of Slope

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Sta.	+	H.I.	-	Elev.
N11+25	W4+00	6.78	5.1	1.7
	50		4.8	2.0
	75		4.6	2.2
	12+00		4.5	2.3
	25		4.4	2.4
	50		4.2	2.6
	75		4.3	2.5
	13+00		3.9	2.9
	13+40		4.1	2.7
	50		2.1	4.7
	80		1.4	5.4
	90		3.3	3.5
	W4+25			
N13+90			3.6	3.2
	80		1.5	5.3
	45		2.1	4.7
	35		4.2	2.6
	13+00		4.1	2.7
	12+75		4.3	2.5
	50		4.4	2.4
	25		4.5	2.3
	12+00		4.6	2.2
	11+75		4.6	2.2
	50		4.7	2.1
	25		4.6	2.2

Toe of Slope
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Sta.	+	H.I.	-	Elev
N11+25	W4+50	6.78	5.5	1.3
	50		5.3	1.5
	75		5.1	1.7
12+00			5.1	1.7
	25		4.8	2.0
	50		4.4	2.4
	75		4.4	2.4
13+00			4.7	2.1
	25		4.7	2.1
	45		4.6	2.2
	55		2.4	4.4
	85		1.6	5.2
14+00			3.6	3.2
	W4+75			
N14+05			3.8	3.0
13+95			1.9	4.9
	55		2.7	4.1
	40		5.0	1.8
13+00			4.6	2.2
12+75			4.5	2.3
	50		4.6	2.2
	25		4.9	1.9
12+00			5.0	1.8
11+75			5.2	1.6
	50		5.4	1.4
	25		5.3	1.5

Toe of Slope

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Note ÷

Notes continued in book #1480

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway slope $1\frac{1}{2}$ to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in last column and top row. The number in body

IMPROVED TABLES
AND
INFORMATION

TABLE No. 2.
To find Tangent and External for curve of any other degree, divide by degree of curve and add connection found in column of corrections. Degree of curve with a given L may be found by dividing tangent (or external) opposite L by given tangent (or external).
The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.

