

1487

PASTY

LEVEL BOOK

No. 330P

MICROFILMED
DEC 24 1964

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

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.
- No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.
- 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.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

In ordering Fabri-Hide covered books, add the letter "F" to catalog number.

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

Sta	+	H.I.	-	Elev.
BM#22-P	7.10	9.10		2.00

W18+25

N.12+00		5.5	3.6
25		5.2	3.9
50		5.2	3.9
75		5.2	3.9
13+00		5.3	3.8
25		5.2	3.9
60		4.7	4.4
69		2.4	6.7
83		2.5	6.6
89		4.7	4.4

W18+50

N.13+89		4.6	4.5
81		2.5	6.6
67		2.6	6.5
60		4.5	4.6
75		4.8	4.3
13+00		5.2	3.9
12+75		5.3	3.8
50		5.5	3.6
25		5.3	3.8
12+00		5.4	3.7

1

Feb 28th 34

Agnew 177th

Engert - Rod.

Colvin } ch.

Higgins }

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Sta	+	H1	-	Elev
N12+00	W18+75	9.10	5.8	3.3
	25		5.6	3.5
	50		5.5	3.6
	75		5.2	3.9
13+00			4.9	4.2
	25		4.5	4.6
	61		4.2	4.9
	67		2.8	6.3
	80		2.5	6.6
	92		4.8	4.3
	W19+00			
N14+00			4.8	4.3
	91		2.7	6.4
	80		2.6	6.5
	61		4.2	4.9
13+25			4.6	4.5
13+00			4.5	4.6
12+75			4.9	4.2
	50		5.1	4.0
	25		5.4	3.7
12+00			5.8	3.3

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

Sta + HI - Elev

W19+25 9.10

N12+00	8.3	0.8
75	8.2	0.9
50	7.9	1.2
75	7.7	1.4
13+00	7.6	1.5
75	7.5	1.6
60	7.5	1.6
67	2.7	6.4
87	2.5	6.6
14+10	7.1	2.0

Small Ditch, Bottom width 1.5' Top width 10.0'
Corrugated Iron Pipe under Embkmt.

Toe of Bank

Top 11 11

11 11 11

Toe 11 11

W19+50

W14+15	5.1	4.0
13+87	2.4	6.7
72	2.3	6.8
63	3.5	5.6
50	4.1	5.0
25	4.5	4.6
13+00	4.9	4.2
12+75	5.0	4.1
50	5.3	3.5
25	5.7	3.4
12+00	5.7	3.4

11 11 11

Top 11 11

11 11 11

Toe 11 11

Sta	+	H1	-	Elev.
W19+75 9.10				
N12+00			5.6	3.5
25			5.0	4.1
50			5.0	4.1
75			5.0	4.1
13+00			4.4	4.7
25			4.3	4.8
50			4.2	4.9
61			3.8	5.3
70			2.4	6.7
83			2.5	6.6
14+10			4.8	4.3

W20+00				
N14+08			4.5	4.6
13+83			2.3	6.8
66			2.6	6.5
57			4.2	4.9
25			4.4	4.7
13+00			4.7	4.4
12+75			4.9	4.2
50			5.2	3.9
25			5.3	3.8
12+00			5.5	3.6

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

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

Sta	+	H1	-	Elev
W20+75 9.10				
N12+00			4.9	4.2
75			6.8	2.3
50			5.1	4.0
75			5.1	4.0
13+00			5.5	3.6
75			4.8	4.3
55			4.4	4.7
66			2.5	6.6
83			2.5	6.6
93			4.2	4.9
W21+00				
N13+92			4.0	5.1
83			2.4	6.7
66			2.7	6.4
55			5.3	3.8
25			5.1	4.0
13+00			5.4	3.7
12+75			5.8	3.3
50			5.3	3.8
25			5.1	4.0
12+00			5.4	3.7

Bottom of Ditch

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Top W-Bank Ditch

Sta	+	H.d.	-	Elev.
		W21+25	9.100	
N12+00			5.4	3.7
25			5.7	4.4
50			5.9	3.2
75			5.8	3.3
13+00			5.3	3.8
25			5.5	3.6
55			5.1	4.0
66			2.4	6.7
82			2.5	6.6
90			4.7	4.4

W21+50				
N13+90			5.0	4.1
82			2.7	6.4
66			2.5	6.6
56			5.3	3.8
25			4.9	4.2
13+00			5.9	3.2
12+75			5.7	3.4
50			6.1	3.0
25			6.2	2.9
12+00			5.9	3.2

7

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

Sta	+	HI	-	Elev.
W21+75 9.10				
N12+00			6.5	2.6
25			6.3	2.8
50			6.2	2.9
75			5.7	3.4
13+00			6.3	2.8
25			6.5	2.6
56			6.3	2.8
67			2.5	6.6
82			2.5	6.6
89			5.4	3.7

W22+00

N13+90			4.5	4.6
83			2.5	6.6
66			2.4	6.7
57			5.4	3.7
25			6.7	2.4
13+00			7.3	1.8
12+75			6.1	3.0
50			6.1	3.0
25			6.5	2.6
12+00			6.7	2.4

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Sta	+	H1	-	Elev
	W22+25	9.10		
N12+00			81	1.0
25			81	1.0
50			76	1.5
75			73	1.8
13+00			65	2.6
25			60	3.1
56			54	3.7
65			26	6.5
83			26	6.5
92			46	4.5

W22+50

N13+92			48	4.3
84			26	6.5
65			26	6.5
55			55	3.6
25			58	3.3
13+00			59	3.2
12+75			59	3.2
50			60	3.1
25			66	2.5
12+00			75	1.6

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Sta	+	H1	-	Elev.
	W22+75	9.10		
N12+00			6.4	2.7
25			6.2	2.9
50			6.1	3.0
75			6.1	3.0
13+00			6.1	3.0
25			5.8	3.3
54			5.5	3.1
62			2.5	6.6
82			2.5	6.6
92			4.5	4.6
	W23+00			
N13+91			4.4	4.7
85			2.7	6.4
63			2.7	6.4
54			5.5	3.6
25			5.8	3.3
13+00			6.1	3.0
12+75			6.4	2.7
50			6.3	2.8
25			6.3	2.8
12+00			6.6	2.5

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Sta	+	HI	-	Elev
	W23+25	9.10		
N12+00			6.5	2.6
25			6.4	2.7
50			6.3	2.8
75			6.1	3.0
13+00			5.9	3.2
25			5.6	3.5
55			5.5	3.6
64			2.7	6.4
82			2.6	6.5
89			4.3	4.8

W23+50

13+91			4.0	5.1
85			2.5	6.6
64			2.5	6.6
55			4.5	4.6
25			5.7	3.7
13+00			5.5	3.6
12+75			5.9	3.2
50			6.5	2.6
25			6.5	2.6
12+00			6.5	2.6

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Sta	+	HI	-	Elev
	W23+75	9.10		
N12+00			6.4	2.7
25			6.5	2.6
50			6.2	2.9
75			5.9	3.2
13+00			5.8	3.3
25			5.3	3.8
56			4.9	4.2
65			2.4	6.7
82			2.3	6.8
87			4.0	5.1

W124+00

N13+90			3.7	5.4
83			2.4	6.7
62			2.8	6.3
54			5.3	3.8
25			6.3	7.8
13+00			6.6	2.5
12+75			6.5	2.6
50			6.5	2.6
25			6.4	2.7
12+00			6.4	2.7

BM#30P 5.50 6.95 1.45
 BM#31R 5.30 8.29 3.96 2.99

Toe at Bank

Top " "

" " "

Toe " "

Toe " "

Top " "

" " "

Toe " "

W 24+00 N 7+00

W " N 12+00

Sta	+	H ₁	-	Elev
		8.29		
N12+00			5.9	2.4
25			5.7	2.6
50			5.4	2.9
75			5.6	2.7
13+00			5.4	2.9
25			5.3	3.0
48			5.0	3.3
63			1.4	6.9
84			1.5	6.8
91			2.7	5.6

W24+50

13+90			2.4	5.9		
83			1.5	6.8	Toe of Bank	
64			1.6	6.7	Top	" "
50			4.9	3.4	"	" "
75			5.5	2.6	Toe	" "
13+00			5.6	2.7	"	" "
12+75			5.7	2.6		
50			5.5	2.8		
25			5.8	2.5		
12+00			5.8	2.5		

Sta	+	H.I.	-	Elev.
W24+75 8.29				
N12+00			5.9	2.4
25			5.9	2.4
50			5.9	2.4
75			5.8	2.5
13+00			5.7	2.6
25			5.6	2.7
50			5.2	3.1
62			1.7	6.6
84			1.4	6.9
89			2.2	6.1
W25+00				
N13+89			2.2	6.1
85			1.2	7.1
63			1.4	6.9
50			4.6	3.7
25			5.1	3.2
13+00			5.4	2.9
12+75			5.6	2.7
50			5.9	2.4
25			6.1	2.2
12+00			6.4	1.9

Toe of Bank

Top " "

" " "

Toe " "

Toe " "

Top " "

" " "

Toe " "

Sta	+	HI	-	Elev.
		W25+25	8.29	5.7
N12+00				5.7
		25		5.3
		50		5.1
		75		5.0
13+00				4.8
		25		4.4
		50		4.3
		60		1.5
		84		1.0
		90		1.9
		W25+50		
N13+93				1.6
		90		1.0
		54		1.3
		49		3.3
		25		3.8
13+00				4.2
12+75				4.4
		50		4.6
		25		4.7
12+00				5.2

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Sta	+	H1	-	Elev.
	W25+75	8.29		
N12+00			4.5	3.8
25			4.0	4.3
50			3.6	4.7
75			3.5	4.8
13+00			3.5	4.8
25			3.0	4.3
50			2.7	5.6
57			1.0	7.3
94			0.4	7.9
14+00			0.2	8.1
	W26+00			
N14+00			0.0	8.3
75			0.3	8.0
50			1.3	7.0
25			2.2	6.1
13+00			2.7	5.6
12+75			2.9	5.4
50			3.1	5.2
25			3.5	4.8
12+00			4.0	4.3

Toe of Bank

Top " "

" " "

Toe " "

" " "

Top " "

" " "

Toe " "

Sta + HI - Elev
 Bm# 1 3.19 2.55 - 0.64 ✓
 3

Notes for Canal X Sec

N4+50

219

W12+75 1.4 1.1 0.8
 49 1.9 0.6
 60 8.2 -5.6
 75 8.3 -5.8
 13+06 9.0 -6.5
 10 3.9 -1.4
 20 1.7 0.8

Top of Bank
 Bot " "
 Bed
 Bot " "
 Break "
 Top " "

N4+25

W13+19 1.6 0.9
 05 3.9 -1.4
 13+00 8.8 -6.3
 12+75 8.4 -5.9
 59 8.1 -5.6
 42 1.4 1.1
 25 1.7 0.8

" " "
 Break
 Bot " "
 Bed
 Bot " "
 Top " "

N4+00

W12+25 1.7 0.8
 38 2.0 0.5
 54 8.1 -5.6
 75 8.3 -5.8
 96 8.8 -6.3
 13+12 1.1 2.9

" " "
 Bot " "
 Bed
 Bot " "
 Top " "

Sta	+	H1	-	Elev			
N3+75 2.55							
W13+05			0.9	1.6	Top	of	Bank
12+94			8.6	-6.1	Bot	"	"
70			8.4	-5.9	Bed.		
43			7.7	-5.2	Bot	"	"
35			2.3	0.2	Top	"	"
25			2.2	0.3			
N3+50							
12+30			2.0	0.5	"	"	"
40			7.9	-5.4	Bot	"	"
70			8.8	-6.3	Bed.		
90			8.8	-6.3	Bot	"	"
13+01			2.0	0.5	Top	"	"
N3+25							
W13+01			1.7	0.8	"	"	"
89			7.7	-5.2	Bot	"	"
65			8.8	-6.3	Bed.		
37			7.9	-5.4	Bot	"	"
30			2.3	0.2	Top	"	"
N3+00							
W12+26			2.3	0.2	"	"	"
37			8.0	-5.5	Bot	"	"
65			8.8	-6.3	Bed.		
84			8.8	-6.3	Bot	"	"
13+02			2.1	0.4	Top	"	"

Sta	+	H1	-	Elev
N2+75 2.55				
W13+06			1.8	0.7
12+83			8.9	-6.4
65			8.8	-6.3
38			8.4	-5.9
24			2.0	0.5

N2+50				
W12+18			2.1	0.4
37			8.6	-6.1
60			8.5	-6.0
79			8.9	-6.4
86			6.3	-3.8
13+01			2.0	0.5

N2+25				
W13+01			2.3	0.2
12+88			6.4	-3.9
79			8.9	-6.4
60			8.5	-6.0
41			8.8	-6.3
37			6.4	-3.9
14			2.4	0.1

Top of Bank

Bot " "

Bed.

Bot " "

Top " "

" " "

Bot " "

Bed.

Bot " "

Break

Top

Top " "

Break

Bot. " "

Bed.

Bot " "

Break

Top " "

Sta	+	H1	-	Elev.			
		W 2+00	2.55				
V	W 12+13		2.3	0.2		Top of Bank	
	25		6.0	-3.5		Brk	
	38		8.9	-6.4		Bot	" "
	60		8.9	-6.4		Bed	
	78		8.8	-6.3		Bot	" "
	90		6.0	-3.5		Brk	
V	13+10		2.4	0.1		Top	" "
		N 1+75					
	W 13+12		3.2	-0.7		"	" "
	13+00		5.7	-3.2		Brk	
	12+87		8.0	-5.5		Bot	" "
	65		8.9	-6.4		Bed	
	43		9.1	-6.6		Bot	" "
V	25		5.7	-3.2		Brk	
	08		2.5	0.0		Top	" "
		N 1+73 ⁵⁰					
	W 12+08		2.5	0.0		Top	" "
	25		5.9	-3.4		Brk	
	55		9.3	-6.8		Bot	" "
	70		9.0	-6.5		Bed	
	97		8.0	-5.5		Bot	" "
	13+05		5.8	-3.3		Brk	
	19		3.0	-0.5		Top	

Sta	+	HI	-	Elev
		N1+50 ²⁵	2.55	
W13+20			3.0	-0.5
08			5.7	-3.2
12+94			8.2	-5.7
75			9.0	-6.5
58			9.3	-6.8
25			5.8	-3.3
07			2.7	-0.2

N1+00

W12+04			2.8	-0.3
25			5.7	-3.2
61			9.3	-6.8
75			9.2	-6.7
94			8.7	-6.2
13+05			5.9	-3.4
16			3.3	-0.8

N0+75

W13+16			3.1	-0.6
08			5.6	-3.1
12+99			9.3	-6.8
75			9.3	-6.8
62			9.7	-7.2
25			5.9	-3.4
05			2.5	0.0

Top of Bank.

Brk.

Bot " "

Bed.

Bot " "

Brk

Top " "

" " "

Brk

Bot " "

Bed.

Bot " "

Brk " "

Top " "

" " "

Brk

Bot " "

Bed.

Bot " "

Brk

Top " "

Sta	+	H1	-	Elev.
	NO+50			2.55
W12+08			2.8	-0.3
25			5.8	-3.3
59			8.5	-6.0
75			9.0	-6.5
98			9.8	-7.3
13+08			5.2	-2.7
16			2.8	-0.3
	NO+25			
W13+15			3.6	-1.1
13+00			9.2	-6.7
12+80			9.4	-6.9
59			9.0	-6.5
25			5.3	-2.8
16			2.8	-0.3
	NO+0			
W12+22			3.2	-0.7
35			5.3	-2.8
60			9.2	-6.7
75			9.0	-6.5
13+01			9.1	-6.6
14			4.1	-1.6

Top of Bank.
 Brk
 Bot " "
 Bed.
 Bot " "
 Brk
 Top " "
 " " "
 Bot " "
 Bed.
 Bot " "
 Brk
 Top " "
 " " "
 Brk.
 Bot " "
 Bed
 Bot " "
 Top " "

Sta	+	HI	-	Elev.	
	S 0+25	2.55			
W 13+12			4.5	-2.0	Top of Bank
05			9.3	-6.8	Bot " "
12+80			9.0	-6.5	Bed
64			9.1	-6.6	Bot " "
40			5.4	-2.9	Brk
20			3.2	-0.7	Top " "
BM #1	2.84	2.20		-0.64 ✓	
3					

S 0+50

W 12+23			3.2	-1.0	" " "
35			4.8	-2.6	Brk
66			8.8	-6.6	Bot " "
85			8.7	-6.5	Bed
13+09			9.0	-6.8	Bot " "
18			4.2	-2.0	Top " "

S 0+75

W 13+16			7.2	-2.0	" " "
09			8.9	-6.7	Bot " "
12+85			8.6	-6.4	Bed
67			8.8	-6.6	Bot " "
40			5.0	-2.8	Brk
24			3.2	-1.0	Top " "

Sta	+	HI	-	Elev
	S 1+00	2.20		
W 12+25			3.3	-1.1
40			4.9	-2.7
64			8.4	-6.2
80			8.8	-6.6
13+08			9.1	-6.9
18			4.2	-2.0

S 1+25

W 13+18			3.4	-1.2
08			9.4	-7.2
12+80			8.9	-6.7
61			8.3	-6.1
40			4.5	-2.3
25			3.3	-1.1

S 1+50

W 12+25			3.4	-1.2
35			4.3	-2.1
55			7.7	-5.5
80			8.6	-6.4
13+08			9.2	-7.0
20			3.0	-0.8

Top of Bank.

Brk

Bot " "

Bed.

Bot " "

Top " "

" " "

Bot " "

Bed.

Bot " "

Brk

Top

" " "

Brk

Bot " "

Bed

Bot " "

Top.

Sta	+	H1	-	Elev	
	S1+75	2.20			
W13+16			3.2	-1.0	Top of Bank
09			9.1	-6.9	Bot " "
12+80			8.4	-6.2	Bed.
53			7.5	-5.3	Bot " "
42			4.2	-2.0	Brk
25			3.5	-1.3	Top " "
	S 2+00				
W12+25			3.6	-1.4	" " "
38			3.4	-1.2	Brk
47			7.8	-5.6	Bot " "
75			8.4	-6.2	Bed.
13+08			9.3	-7.1	Bot " "
17			3.2	-1.0	Top " "
BM 24-P	4.88	3.74		-1.14	
	W 24+25				
N 0+00			5.4	-1.7	
25			5.4	-1.7	
50			5.3	-1.6	
75			5.3	-1.6	
N-1+00			5.2	-1.5	
25			5.1	-1.4	
50			5.1	-1.4	
75			4.9	-1.2	
N 2+00			5.3	-1.6	

Mar 6th '34

Agnew T

Engert Rod

Higgins } ch.

Colvin }

Sta	+	H1	-	Elev.
N 2+00	W 24+50	3.74	5.1	-1.4
			5.1	-1.4
			5.2	-1.5
			5.1	-1.4
			5.2	-1.5
			5.2	-1.5
			5.2	-1.5
			5.3	-1.6
			5.6	-1.9

W 24+75

N 0+0			5.3	-1.6
			5.2	-1.5
			5.3	-1.6
			5.4	-1.7
N 1+00			5.3	-1.6
			5.3	-1.6
			5.2	-1.5
			5.2	-1.5
2+00			4.9	-1.2

Sta + HI - Elev

3.7A

W25400

N2+00	5.0	-1.3
1+75	4.9	-1.2
50	5.2	-1.5
25	5.2	-1.5
1+00	5.4	-1.7
0+75	5.5	-1.8
50	5.6	-1.9
25	5.5	-1.8
0+00	5.5	-1.8

W25425

N0+00	5.6	-1.9
25	5.7	-2.0
50	5.6	-1.9
75	5.4	-1.7
N1+00	5.4	-1.7
25	5.3	-1.6
50	5.3	-1.6
75	5.2	-1.5
2+00	5.0	-1.3

27

Sta + HI - Elev.

3.74

WZS+50

N 2+00 5.0 -1.3

1+75 5.1 -1.4

50 5.2 -1.5

25 5.3 -1.6

N 1+00 5.3 -1.6

0+75 5.5 -1.8

50 5.4 -1.7

25 5.6 -1.9

0+0 5.6 -1.9

VV 25+75

N 0+0 5.6 -1.9

25 5.8 -2.1

50 5.7 -2.0

75 5.7 -2.0

N 1+00 5.6 -1.9

25 5.4 -1.7

50 5.1 -1.4

75 4.9 -1.2

2+00 4.8 -1.1

Sta	+	HI	-	Elev.
-----	---	----	---	-------

3.74

W26+00

N2+00			4.8	-1.1
1+75			5.2	-1.5
50			5.2	-1.5
25			5.3	-1.6
N1+00			5.5	-1.8
0+75			5.6	-1.9
50			5.7	-2.0
25			5.8	-2.1
0+00			5.8	-2.1

BM#30-P	3.83	5.28 ³		1.45
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W26+00

N4+00			5.7	-0.4
3+75			5.7	-0.4
50			5.5	-0.2
25			5.7	-0.4
3+00			5.8	-0.5
2+75			6.0	-0.7
50			6.0	-0.7
25			6.1	-0.8

Sta	+	H1	-	Elev
N 2+25	W 25+75	5.28	6.4	-1.1
50			6.2	-0.9
75			6.2	-0.9
3+00			5.9	-0.6
25			5.8	-0.5
50			5.7	-0.4
75			5.7	-0.4
4+00			5.6	-0.3
W 25+50				
N 4+00			5.7	-0.4
3+75			5.4	-0.1
50			5.6	-0.3
25			5.8	-0.5
3+00			5.7	-0.4
2+75			5.9	-0.6
50			6.0	-0.7
25			6.0	-0.7
W 25+25				
N 2+25			6.0	-0.7
50			6.1	-0.8
75			6.1	-0.8
3+00			6.0	-0.7
3+25			5.9	-0.6
50			5.8	-0.5
75			5.7	-0.4
4+00			5.7	-0.4

Sta	+	H ¹	-	Elev.
N4+00	W25+00	5.78	5.7	-0.4
3+75			5.8	-0.5
50			6.1	-0.8
25			6.1	-0.8
3+00			6.3	-1.0
2+75			6.5	-1.2
50			6.3	-1.0
25			6.4	-1.1
	W24+75			
N2+25			6.4	-1.1
50			6.4	-1.1
75			6.4	-1.1
3+00			6.3	-1.0
25			6.1	-0.8
50			5.9	-0.6
75			5.6	-0.3
4+00			5.7	-0.4
	W24+50			
N4+00			5.6	-0.3
3+75			5.6	-0.3
50			5.9	-0.6
25			6.1	-0.8
3+00			6.1	-0.8
2+75			6.2	-0.9
50			6.4	-1.1
25			6.6	-1.3

Sta	+	H1	-	Elev
1 N 2+25	W 24+25	5.28 ³	6.5	-1.2
50			6.4	-1.1
75			6.4	-1.1
3+00			6.3	-1.0
25			6.0	-0.7
50			5.9	-0.6
75			5.7	-0.4
4+00			5.6	-0.3

W 24+25

1 N 4+25			5.4	-0.1
50			5.3	0.0
75			5.2	0.1
5+00			4.8	0.5
25			4.6	0.7
50			4.7	0.6
75			4.5	0.8
6+00			4.6	0.7

W 24+50

1 N 6+00			4.3	1.0
5+75			4.5	0.8
50			4.7	0.6
25			4.9	0.4
5+00			5.1	0.2
4+75			5.0	0.3
50			5.3	0.0
25			5.5	-0.2

Sta	+	H ¹	-	Elev
N 4+25	W 24+75	5.28	5.7	-0.4
50			5.5	-0.2
75			5.2	0.1
5+00			5.1	0.2
25			5.0	0.3
50			4.8	0.5
75			4.5	0.8
6+00			4.4	0.9
	W 25+00			
N 6+00			6.2	-0.9
5+75			4.3	1.0
50			4.7	0.6
25			4.7	0.6
5+00			4.9	0.4
4+75			5.1	0.2
50			5.3	0.0
25			5.7	-0.4
	W 25+25			
N 7+25			5.7	-0.4
50			5.9	-0.6
75			5.2	0.1
5+00			5.9	-0.6
25			4.4	-0.9
50			5.6	-0.3
75			6.3	-1.0
6+00			4.5	0.8

Bottom of Ditch 10.0' Top width

Bottom of Ditch

Sta	+	H ₁	-	Elev.
N 6+00	W 25+50	5.28	4.8	0.5
5+75			4.9	0.4
50			5.5	-0.2
25			6.3	-1.0
5+00			6.3	-1.0
4+75			6.4	-1.1
50			5.3	0.0
25			5.4	-0.1
	W 25+75			
N 4+75			5.5	-0.2
50			5.7	-0.4
25			5.4	-0.1
5+00			5.2	0.1
25			5.1	0.2
50			5.2	0.1
75			5.0	0.3
6+00			5.0	0.3
	W 26+00			
N 6+00			5.1	0.2
5+75			5.1	0.2
50			5.1	0.2
25			5.1	0.2
5+00			5.1	0.2
4+75			5.2	0.1
50			5.3	0.0
25			5.5	-0.2

Bottom of ditch

11 11 11
 11 11 11

Sta	+	HI	✓ -	Elev.
BM#30-R	5.24	6.69	✓	1.45 ✓

W 26+00

N 6+25		6.4	0.3
50		6.3	0.4
75		6.2	0.5
7+00		6.0	0.7
25		6.0	0.7
50		6.0	0.7
75		5.9	0.8
8+00		5.8	0.9

W 25+75

N 8+00		5.8	0.9
7+75		5.9	0.8
50		5.9	0.8
25		6.0	0.7
7+00		6.0	0.7
6+75		6.1	0.6
50		6.3	0.4
25		6.4	0.3

Sta	+	H ₁	-	Elev.
N 6+25	W 25+50	6.69	6.3	0.4
50			6.2	0.5
75			6.0	0.7
7+00			5.8	0.9
25			5.6	1.1
50			5.8	0.9
75			5.7	1.0
8+00			5.7	1.0
	W 25+25			
N 8+00			5.4	1.3
7+75			5.4	1.3
50			5.6	1.1
25			5.7	1.0
7+00			5.8	0.9
6+75			5.9	0.8
50			6.0	0.7
25			6.1	0.6
	W 125+00			
N 6+25			7.6	-0.9
50			5.7	1.0
75			5.7	1.0
7+00			5.5	1.2
25			5.6	1.1
50			5.6	1.1
75			5.7	1.0
8+00			5.2	1.5

Bottom of ditch

Sta	+	H ₁	-	Elev.
N 8+00	W 24+25	6.69	5.4	1.3
7+25			5.5	1.2
50			5.3	1.4
75			5.4	1.3
7+00			5.4	1.3
6+75			5.5	1.3
50			7.2	-0.5
25			5.7	1.0
	W 24+50			
N 6+25			5.5	1.2
50			5.9	0.8
75			7.1	-0.4
7+00			6.9	-0.2
25			6.8	-0.1
50			5.0	1.7
75			5.4	1.6
8+00			5.1	1.6
	W 24+25			
N 8+00			6.7	0.0
7+75			7.0	-0.3
50			5.6	1.1
25			5.0	1.7
7+00			5.0	1.7
6+75			5.3	1.4
50			5.7	1.0
25			5.8	0.9

Bottom of Ditch

Bottom of Ditch

Bottom of Ditch

" " "

Bottom of Ditch

" " "

Sta	+	H ₂	-	Elev.
N 8+25	W 24+25	6.69	5.2	1.5
50			5.0	1.7
75			4.9	1.8
9+00			5.0	1.7
25			4.7	2.0
50			4.9	1.8
75			5.0	1.7
10+00			4.8	1.9
	W 24+50			
N 10+00			4.8	1.9
9+75			5.1	1.6
50			5.2	1.5
25			4.9	1.8
9+00			4.8	1.9
8+75			5.5	1.2
50			4.9	1.8
25			5.3	1.4
	W 24+75			
N 8+75			5.1	1.6
50			5.1	1.6
75			5.1	1.6
9+00			5.2	1.5
+75			4.9	1.8
50			4.6	2.1
75			4.8	1.9
10+00			4.7	2.0

Sta	+	H ₁	-	Elev.
N10+00	W25+00	6.69	4.5	2.2
9+75			4.6	2.1
50			4.6	2.1
25			4.9	1.8
9+00			5.0	1.7
8+75			5.4	1.3
50			5.5	1.2
25			5.3	1.4
W25+75				
N8+25			5.8	0.9
50			5.9	0.8
25			5.4	1.3
9+00			5.0	1.7
25			4.9	1.8
50			4.7	2.0
75			4.6	2.1
10+00			4.7	2.0
W25+50				
N10+00			4.9	1.8
9+75			4.7	2.0
50			5.1	1.6
25			4.9	1.8
9+00			5.0	1.7
8+75			5.0	1.7
50			5.6	1.1
25			6.1	0.6

Sta	+	H _n	-	Elev
N 8+25	W 25+75	6.69	5.7	1.0
N 8+50			5.4	1.3
75			5.3	1.4
9+00			5.1	1.6
75			4.9	1.8
50			4.7	2.0
75			4.8	1.9
10+00			4.9	1.8
	W 26+00			
N 10+00			4.8	1.9
9+75			4.9	1.8
50			4.9	1.8
75			4.9	1.8
9+00			5.1	1.6
8+75			5.3	1.4
50			5.3	1.4
75			5.5	1.2
BM #31-P	4.53	7.52	2.99	J

Sta	+	H ₁	-	Elev
	W 26+00	7.52		
N 11+75			3.7	3.8
	50		4.0	3.5
	25		4.6	2.9
11+00			5.1	2.4
10+75			5.4	2.1
	50		5.5	2.0
	25		5.7	1.8
	W 25+75			
N 10+25			5.5	2.0
	50		5.4	2.1
	25		5.2	2.3
11+00			5.0	2.5
	25		4.9	2.6
	50		4.7	2.8
	75		4.1	3.4
	W 25+50			
11+75			4.9	2.6
	50		5.4	2.1
	25		5.6	1.9
11+00			5.5	2.0
10+75			5.6	1.9
	50		5.8	1.7
	25		5.9	1.6

Sta	+	H1	-	Elev
N10+75	W25+25	7.5 ²		
N10+25			5.2	2.3
50			5.7	1.8
75			5.5	2.0
11+00			5.6	1.9
25			5.6	1.9
50			5.7	1.8
75			5.3	2.2
	W25+00			
N11+75			5.7	1.8
50			5.6	1.9
25			5.4	2.1
11+00			5.5	2.0
10+75			5.3	2.2
50			4.9	2.6
25			5.2	2.3
	W24+75			
N10+25			5.2	2.3
50			4.7	2.8
75			4.9	2.6
11+00			5.0	2.5
25			5.2	2.3
50			5.5	2.0
75			5.3	2.2

Sta	+	H I	-	Elev.
	W24+58	7.52		
N11+75			5.1	2.4
50			5.1	2.4
25			5.0	2.5
11+00			5.0	2.5
10+75			4.9	2.6
50			5.1	2.4
25			5.6	1.9
	W24+25			
N10+25			5.5	2.0
50			5.3	2.2
25			5.1	2.4
11+00			5.0	2.5
25			4.6	2.9
50			4.7	2.8
25			4.9	2.6

BM#25P 6.26 4.26 -2.00

Sta	+	HI	-	Elev
	W18+25	4.26		
1	50+25		4.7	-0.4
	50		4.8	-0.5
	75		5.0	-0.7
	5-1+00		5.2	-0.9
	25		4.8	-0.5
	50		5.0	-0.7
	75		5.1	-0.8
	2+00		5.2	-0.9
A	W18+50			
S	2+00		5.2	-0.9
	1+75		5.0	-0.7
	50		5.0	-0.7
	25		5.3	-1.0
	1+00		5.2	-0.9
	0+75		4.8	-0.5
	50		4.9	-0.6
	25		4.8	-0.5
	W18+75			
	5-0+25		4.8	-0.5
1	50		5.0	-0.7
	75		4.8	-0.5
	1+00		5.0	-0.7
	25		5.3	-1.0
	50		5.0	-0.7
	75		5.1	-0.8
	2+00		5.2	-0.9

Sta	+	H ₁ 3	-	Elev.
52+00	W19+00	4.26	5.3	-1.0
1+75			5.1	-0.8
50			5.0	-0.7
25			5.4	-1.1
1+00			4.9	-0.6
0+75			5.1	-0.8
50			5.0	-0.7
25			4.9	-0.6
	W19+25			
50+25			5.0	-0.7
50			5.0	-0.7
75			5.3	-1.0
1+00			5.0	-0.7
25			5.2	-0.9
50			5.1	-0.8
75			5.2	-0.9
2+00			5.3	-1.0
	W19+50			
52+00			5.2	-0.9
1+75			5.4	-1.1
50			5.4	-1.1
25			5.1	-0.8
1+00			5.4	-1.1
0+75			5.1	-0.8
50			5.1	-0.8
25			5.1	-0.8

Sta	+	H ₁	-	Elev.
S 0+25	W19+75	4.26	5.4	-1.1
50			5.3	-1.0
75			5.2	-0.9
1+00			5.2	-0.9
25			5.3	-1.0
50			5.3	-1.0
75			5.3	-1.0
2+00			5.3	-1.0
	W20+00			
S 2+00			5.5	-1.2
1+75			5.5	-1.2
50			5.3	-1.0
25			5.3	-1.0
1+00			5.7	-1.4
0+75			5.4	-1.1
50			5.5	-1.2
25			5.4	-1.1
	W20+25			
S 0+25			5.5	-1.2
+ 50			5.6	-1.3
75			5.5	-1.2
1+00			5.6	-1.3
25			5.5	-1.2
50			5.5	-1.2
75			5.3	-1.0
2+00			5.5	-1.2

Sta	+	H ₁ 3	-	Elev.
S 2+00	W 20+50	4.26	5.6	-1.3
1+75			5.4	-1.1
50			5.6	-1.3
25			5.6	-1.3
1+00			5.8	-1.5
0+75			5.7	-1.4
50			5.6	-1.3
25			5.5	-1.2
	W 20+75			
S 0+25			5.6	-1.3
50			5.5	-1.2
75			5.6	-1.3
1+00			5.7	-1.4
25			5.9	-1.6
50			5.8	-1.5
75			5.8	-1.5
2+00			5.8	-1.5
	W 21+00			
S 2+00			5.8	-1.5
1+75			5.9	-1.6
50			5.8	-1.5
25			5.7	-1.4
1+00			5.6	-1.3
0+75			5.7	-1.4
50			5.9	-1.6
25			5.8	-1.5

Sta	+	H ₁	-	Elev
S 0+25	W 21+25	4.26	5.6	-1.3
50			5.5	-1.2
75			5.7	-1.4
S-1+00			5.8	-1.5
25			6.0	-1.7
50			6.0	-1.7
75			6.0	-1.7
2+00			6.0	-1.7
	W 21+50			
S 2+00			5.9	-1.6
1+75			5.9	-1.6
50			5.9	-1.6
25			5.8	-1.5
1+00			5.5	-1.2
0+75			5.6	-1.3
50			5.6	-1.3
25			6.0	-1.7
	W 21+75			
S 0+25			6.2	-1.9
50			6.0	-1.7
75			6.0	-1.7
1+00			5.7	-1.4
25			5.5	-1.2
50			5.7	-1.4
75			6.1	-1.8
2+00			5.8	1.5
T.P.	4.54	3.15	5.65	-1.39

4.54	5.65
1.39	4.26
3.15	1.39

Sta	+	H1	-	Elev.
S 2+00	W 22+00	3.15	5.0	-1.9
1+75			4.6	-1.5
50			4.9	-1.8
25			5.0	-1.9
1+00			4.9	-1.8
0+75			5.0	-1.9
50			4.9	-1.8
25			5.0	-1.9
	W 22+25		5.0	
S 0+25			5.0	-1.9
50			5.0	-1.9
75			4.8	-1.7
1+00			4.9	-1.8
25			4.9	-1.8
50			5.1	-2.0
75			5.0	-1.9
2+00			5.1	-2.0
	W 22+50			
S 2+00			5.2	-2.1
1+75			5.2	-2.1
50			5.0	-1.9
25			4.9	-1.8
1+00			4.8	-1.7
0+75			4.6	-1.5
50			5.0	-1.9
25			5.0	-1.9

Sta	+	H I	-	Elev.
S 0+25	W 22+75	3.15	5.2	-2.1
50			5.2	-2.1
75			5.1	-2.0
1+00			4.8	-1.7
25			4.8	-1.7
50			5.0	-1.9
75			5.3	-2.2
2+00			5.2	-2.1
	W 23+00			
S 2+00			5.2	-2.1
1+75			4.8	-1.7
50			5.1	-2.0
25			4.9	-1.8
1+00			4.9	-1.8
0+75			5.2	-2.1
50			5.3	-2.2
25			5.2	-2.1
	W 23+25			
S 0+25			5.1	-2.0
50			5.3	-2.2
75			5.3	-2.2
1+00			5.2	-2.1
25			5.1	-2.0
50			5.2	-2.1
75			5.3	-2.2
2+00			5.3	-2.2

Sta	+	HI	-	Elev.
S 2+00	W 23+50	3.15	5.4	-2.3
1+75			5.3	-2.2
50			5.3	-2.2
25			5.2	-2.1
1+00			5.3	-2.2
0+75			5.2	-2.1
50			5.2	-2.1
25			5.1	-2.0
	W 23+75			
S 0+25			5.3	-2.2
50			5.3	-2.2
75			5.2	-2.1
1+00			5.4	-2.3
25			5.2	-2.1
50			5.2	-2.1
75			5.4	-2.3
2+00			5.3	-2.2
	W 27+00			
S 2+00			5.4	-2.3
1+75			5.3	-2.2
50			5.2	-2.1
25			5.3	-2.2
1+00			5.3	-2.2
0+75			5.3	-2.2
50			5.2	-2.1
25			5.2	-2.1

Sta	+	H1	-	Elev.
S 0+25	W 24+25	3.15	4.9	-1.8
50			5.3	-2.2
75			5.1	-2.0
1+00			5.2	-2.1
25			5.4	-2.3
50			5.4	-2.3
75			5.3	-2.2
2+00			5.4	-2.3
	W 24+50			
S 2+00			5.4	-2.3
1+75			5.4	-2.3
50			5.2	-2.1
75			5.3	-2.2
1+00			5.3	-2.2
0+75			5.2	-2.1
50			5.2	-2.1
25			5.2	-2.1
	W 24+75			
S 0+25			5.2	-2.1
50			5.3	-2.2
75			5.2	-2.1
1+00			5.4	-2.3
25			5.1	-2.0
50			5.2	-2.1
75			5.2	-2.1
2+00			5.5	-2.4

Sta	+	HI	-	Elev
S 2+00	W 25+00	3.15	5.4	-2.3
1+75			5.1	-2.0
50			5.3	-2.2
25			5.4	-2.3
1+00			5.4	-2.3
0+75			5.3	-2.2
50			5.4	-2.3
25			5.3	-2.2
W 25+25				
S 0+25			5.2	-2.1
50			5.4	-2.3
75			5.1	-2.0
1+00			5.3	-2.2
25			5.4	-2.3
50			5.3	-2.2
75			5.1	-2.0
2+00			5.3	-2.2
W 25+50				
S 2+00			5.3	-2.2
1+75			5.3	-2.2
50			5.4	-2.3
25			5.3	-2.2
1+00			5.1	-2.0
0+75			5.1	-2.0
50			5.4	-2.3
25			5.3	-2.2

Sta	+	HI	-	Elev.
S 0+25	W 25+75	3.15	5.3	-2.2
50			5.4	-2.3
75			5.2	-2.1
1+00			5.3	-2.2
25			5.4	-2.3
50			5.3	-2.2
75			5.3	-2.2
2+00			5.3	-2.2

W 26+00

S-2+00			5.3	-2.2
1+75			5.2	-2.1
50			5.6	-2.5
25			5.5	-2.4
1+00			5.4	-2.3
0+75			5.4	-2.3
50			5.4	-2.3
25			5.4	2.3

BM#3-P. 2.80 2.16 -0.64 ✓

S 2+25

W 12+25			2.9	-0.7
36			3.6	-1.4
46			7.4	-5.7
75			8.5	-6.3
13+08			8.9	-6.7
13			3.4	-1.2

Notes For X-See Canal.

Mar 7th 34

Agnew π
 Engert Rod.
 Colvin }
 Higgins } ch

Top of Bank
 Bot " "
 Bed. "
 Bot " "
 Top " "

Sta	+	H ¹	-	Elev
W13+14	S2+50	2.16	3.7	-1.5
04			8.8	-6.6
12+75			8.6	-6.4
50			8.0	-5.8
30			3.3	-1.1
25			3.0	-0.8
	S2+75			
W12+25			3.4	-1.2
34			3.4	-1.2
51			8.1	-5.9
75			8.6	-6.4
13+03			8.7	-6.5
12			4.5	-2.3
	S3+00			
W13+10			5.0	-2.8
04			8.8	-6.6
75			8.6	-6.4
54			8.4	-6.2
34			3.5	-1.3
25			3.5	-1.3
	S3+25			
W12+25			4.0	-1.8
50			8.3	-6.1
75			8.7	-6.5
13+02			8.8	-6.6
12			4.5	-2.3

Top of Bank.
 Bot " "
 Bed.
 Bot " "
 Top " "
 " " "
 " " "
 Bot " "
 Bed.
 Bot " "
 Top " "
 " " "
 Bot " "
 Bed.
 Bot " "
 Top " "
 " " "
 Bot " "
 Bed.
 Bot " "
 Top " "

Sta	+	H ₁	-	Elev	
W W 13+12	S 3+50	2.16	6.0	-3.8	Top of Bank
	04		8.4	-6.2	Bot " "
1 12+80			8.9	-6.7	Bed
	54		8.5	-6.3	Bot " "
	40		5.5	-3.3	Top " "
	25		4.8	-2.6	
	S 3+75				
W W 12+25			5.9	-3.7	
	52		6.4	-4.2	Top of Bank
	57		9.3	-7.1	Bot " "
	80		8.7	-6.5	Bed
1 13+08			8.4	-6.2	Bot " "
	25		6.2	-4.0	Top " "
	S 4+00				
W W 13+35			6.2	-4.0	" " "
	07		6.2	-4.0	Bot " "
12+87			8.6	-6.4	Bed
	64		9.3	-7.1	Bot " "
	55		6.3	-4.1	Top " "
	25		6.2	-4.0	
	S 4+25				
W W 12+25			5.8	-3.6	
	61		6.4	-4.2	" " "
	68		10.0	-7.8	Bot " "
	97		8.4	-6.2	Bed
13+20			8.2	-6.0	Bot " "
+30			6.7	-6.5	Top " "

Sta	+	HI	-	Elev.
X-0+00	4.40	4.76		-1.64
	E 0+25			
S 2+25			4.9	-2.1
50			5.0	-2.2
75			5.3	-2.5
3+00			5.4	-2.6
25			5.8	-3.0
50			5.5	-2.7
75			5.9	-3.1
4+00			6.2	-3.4
25			6.7	-3.9
50			7.6	-4.8
75			8.2	-5.4
5+00			8.5	-5.7

21 4 0

1 6 4

2.76

57

Sta	+	HI	-	Elev.
V 55+00	E0+50	2.76 ⁸	8.5	-5.7
4+75			8.2	-5.4
50			7.7	-4.9
75			7.0	-4.2
4+00			6.1	-3.3
3+75			5.9	-3.1
50			5.6	-2.8
75			5.5	-2.7
3+00			5.2	-2.4
2+75			5.2	-2.4
50			4.8	-2.0
75			4.8	-2.0
	E0+75			
S 2+25			4.9	-2.1
50			5.0	-2.2
75			5.1	-2.3
3+00			5.3	-2.5
25			5.5	-2.7
50			5.8	-3.0
75			6.0	-3.2
4+00			6.2	-3.4
75			6.9	-4.1
50			7.7	-4.9
75			8.1	-5.3
5+00			8.6	-5.8

Sta	• +	HI	-	Elev.
S 5+00	E1+00	2.76 ⁹	8.6	-5.8
4+75			8.2	-5.4
50			7.7	-4.9
25			7.0	-4.2
4+00			6.3	-3.5
3+75			6.1	-3.3
50			5.9	-3.1
25			5.7	-2.9
3+00			5.5	-2.7
2+75			5.4	-2.6
50			5.0	-2.2
25			5.0	-2.2
	E1+25			
S-2+25			5.0	-2.2
50			5.0	-2.2
75			5.2	-2.4
3+00			5.2	-2.4
25			5.4	-2.6
50			5.8	-3.0
75			6.0	-3.2
4+00			6.3	-3.5
+75			7.1	-4.3
50			7.7	-4.9
75			8.3	-5.5
5+00			8.7	-5.9

Sta	+	H ¹	-	Elev.
S 5+00	E1+50	2.76	8.8	-6.0
4+75			8.2	-5.4
50			7.8	-5.0
25			7.0	-4.2
4+00			6.0	-3.2
3+75			5.9	-3.1
50			5.8	-3.0
25			5.5	-2.7
3+00			5.4	-2.6
2+75			5.2	-2.4
50			5.3	-2.5
25			5.2	-2.4
	E1+75			
S 2+25			5.6	-2.8
50			5.6	-2.8
25			5.6	-2.8
3+00			5.6	-2.8
25			5.6	-2.8
50			5.8	-3.0
75			6.0	-3.2
4+00			6.0	-3.2
25			6.1	-3.3
50			7.6	-4.8
75			8.3	-5.5
5+00			8.4	-5.6

Sta	+	HI	-	Elev
S5+00	E2+00	2.76	8.8	-6.0
4+75			8.3	-5.5
50			7.5	-4.7
25			5.9	-3.1
4+00			5.9	-3.1
3+75			5.8	-3.0
50			5.7	-2.9
25			5.6	-2.8
3+00			5.4	-2.6
2+75			5.6	-2.8
50			5.7	-2.9
25			5.6	-2.8
	E2+25			
S2+25			5.7	-2.9
50			5.8	-3.0
25			5.7	-2.9
3+00			5.7	-2.9
25			5.7	-2.9
50			5.5	-2.7
25			5.6	-2.8
4+00			5.8	-3.0
25			6.0	-3.2
50			7.5	-4.7
25			8.1	-5.3
5+00			8.4	-5.6

Sta	+	HI	-	Elev
S 5+00	E 2+50	2.76	8.4	-5.6
4+75			8.0	-5.2
50			7.2	-4.4
25			6.2	-3.4
4+00			6.0	-3.2
3+75			5.8	-3.0
50			5.7	-2.9
25			5.7	-2.9
3+00			5.6	-2.8
2+75			5.6	-2.8
50			5.5	-2.7
25			5.6	-2.8
	E 2+75			
S 2+25			5.7	-2.9
50			5.8	-3.0
25			5.7	-2.9
3+00			5.7	-2.9
25			5.8	-3.0
50			5.6	-2.8
75			5.8	-3.0
4+00			6.0	-3.2
25			6.4	-3.6
50			7.0	-4.2
75			7.9	-5.1
S 5+00			8.3	-5.5

Sta	+	HI	-	Elev
5.5+00	E3+00	2.76 ⁸	8.2	-5.4
			7.7	-4.9
			7.3	-4.5
			6.4	-3.6
			6.1	-3.3
			5.8	-3.0
			5.6	-2.8
			5.5	-2.7
			5.7	-2.9
			5.8	-3.0
			5.8	-3.0
			5.8	-3.0
	E3+25			
5.2+25			5.9	-3.1
			5.8	-3.0
			5.9	-3.1
			5.8	-3.0
			5.8	-3.0
			5.8	-3.0
			5.8	-3.0
			6.1	-3.3
			6.6	-3.8
			7.3	-4.5
			7.9	-5.1
			8.5	-5.7

Sta	+	H1	-	Elev.
S 5+00	E 3+50	2.76	8.3	-5.5
4+75			7.6	-4.8
50			7.0	-4.2
75			6.3	-3.5
4+00			6.2	-3.4
3+75			6.0	-3.2
50			5.9	-3.1
75			5.7	-2.9
3+00			5.9	-3.1
2+75			5.8	-3.0
50			5.9	-3.1
75			5.8	-3.0
	E 3+75			
S 2+75			5.7	-2.9
50			5.8	-3.0
75			5.9	-3.1
3+00			5.9	-3.1
75			6.0	-3.2
50			6.0	-3.2
75			5.9	-3.1
4+00			6.1	-3.3
75			6.2	-3.4
50			7.1	-4.3
75			7.7	-4.9
5+00			8.5	-5.7

Sta	+	HI	-	Elev.
55+00	EA+00	2.76	8.3	-5.5
++ 75'			7.5	-4.7
50			7.4	-4.6
75			6.3	-3.5
4+00			6.1	-3.3
3+75			6.0	-3.2
50			6.0	-3.2
25'			6.0	-3.2
3+00			6.0	-3.2
2+75			5.9	-3.1
50			6.2	-3.4
25'			6.1	-3.3
	EA+75			
52+25			6.4	-3.6
50			6.6	-3.8
75			6.7	-3.9
3+00			6.0	-3.2
25'			6.0	-3.2
50			6.0	-3.2
75			6.1	-3.3
4+00			6.1	-3.3
75			6.3	-3.5
50			7.2	-4.4
75			7.7	-4.9
5+00			8.3	-5.5

Sta	+	HI	-	Elev.
S 5+00	E 4+50	2.76	8.2	-5.4
4+75			7.8	-5.0
50			6.5	-3.7
25			6.3	-3.5
4+00			6.2	-3.4
3+75			6.1	-3.3
50			6.0	-3.2
25			6.0	-3.2
3+00			5.9	-3.1
2+75			6.7	-3.9
50			6.3	-3.5
25			6.1	-3.3
	E 4+75			
S 2+25			6.1	-3.3
50			5.9	-3.1
75			6.8	-4.0
3+00			6.5	-3.7
25			5.9	-3.1
50			6.1	-3.3
75			6.1	-3.3
4+00			6.2	-3.4
25			6.3	-3.5
50			6.5	-3.7
75			7.6	-4.8
5+00			8.1	-5.3

Sta	+	HI	-	Elev
S 5+00	E 5+00	2.76	8.0	-5.2
4+75			7.4	-4.6
50			6.1	-3.3
25			6.2	-3.4
4+00			6.1	-3.3
3+75			6.1	-3.3
50			6.1	-3.3
25			6.0	-3.2
3+00			6.6	-3.8
2+75			6.3	-3.5
50			6.0	-3.2
25			6.0	-3.2

T.P. 4.30 1.78³ ✓ 5.28 -2.52 ✓

5.28	4.30
2.76	2.52
2.52	1.78

67

Sta	+	H1	-	Elev.
S 2+25	E 5+25	1.78	4.9	-3.1
50			5.1	-3.3
75			5.2	-3.4
3+00			6.0	-4.2
25			5.9	-4.1
50			5.2	-3.4
75			5.1	-3.3
4+00			5.1	-3.3
25			5.3	-3.5
50			5.6	-3.8
75			6.3	-4.5
5+00			7.1	-5.3
E-5+50				
S 5+00			7.2	-5.4
4+75			6.3	-4.5
50			5.5	-3.7
25			5.3	-3.5
4+00			5.2	-3.4
3+75			5.1	-3.3
50			5.2	-3.4
25			5.2	-3.4
3+00			5.2	-3.4
2+75			5.1	-3.3
50			5.0	-3.2
25			5.6	-3.8

Sta	+	HI 6	-	Elev
S 2+25	E 5+75	1.78	5.1	-3.3
50			5.0	-3.2
75			5.9	-4.1
3+00			5.1	-3.3
25			5.7	-3.9
50			5.1	-3.3
75			5.2	-3.4
4+00			5.2	-3.4
25			5.3	-3.5
50			5.6	-3.8
75			6.6	-4.8
5+00			7.3	-5.5
	E 6+00			
S 5+00			7.3	-5.5
475			6.6	-4.8
50			5.6	-3.8
25			5.4	-3.6
4+00			5.2	-3.4
3+75			5.2	-3.4
50			5.3	-3.5
25			5.5	-3.7
3+00			5.5	-3.7
2+75			6.1	-4.3
50			5.5	-3.7
25			5.3	-3.5

Sta	+	H' s	-	Elev
S 2+25	E 6+25	1.78	5.2	-3.4
50			6.1	-4.3
75			5.1	-3.3
3+00			5.2	-3.4
25			5.2	-3.4
50			5.1	-3.3
75			5.1	-3.3
4+00			5.2	-3.4
25			5.4	-3.6
50			5.6	-3.8
75			6.6	-4.8
5+00			7.3	-5.5
	E 6+50		7.3	
S 5+00			7.2	-5.4
4+75			6.6	-4.8
50			5.4	-3.6
25			5.3	-3.5
4+00			5.2	-3.4
3+75			5.2	-3.4
50			5.2	-3.4
25			5.2	-3.4
3+00			5.2	-3.4
2+75			6.3	-4.5
50			5.1	-3.3
25			5.1	-3.3

Sta	+	H _s	-	Elev
52+25	E6+75	1.78	5.2	-3.4
50			5.2	-3.4
75			5.7	-3.9
3+00			5.2	-3.4
25			5.3	-3.5
50			6.8	-5.0
75			6.8	-5.0
4+00			5.3	-3.5
25			5.3	-3.5
50			5.3	-3.5
75			6.5	-4.7
5+00			7.0	-5.2

E7+00

55+00			7.0	-5.2
4+75			6.2	-4.4
50			5.5	-3.7
25			5.3	-3.5
4+00			5.2	-3.4
3+75			6.0	-4.2
50			5.2	-3.4
25			6.0	-4.2
3+00			5.2	-3.4
2+75			6.0	-4.2
50			5.5	-3.7
25			5.5	-3.7

Sta	+	H1	-	Elev.
52+25	E 7+75	1.78	5.3	-3.5
50			5.0	-3.2
75			6.1	-4.3
3+00			5.5	-3.7
25			6.6	-4.8
50			5.4	-3.6
75			6.5	-4.7
4+00			5.3	-3.5
25			5.4	-3.6
50			5.5	-3.7
75			6.2	-4.4
5+00			7.0	-5.2

E 7+50

S 5+00			7.0	-5.2
4+75			6.1	-4.3
50			5.5	-3.7
25			5.3	-3.5
4+00			5.3	-3.5
3+75			5.3	-3.5
50			5.9	-4.1
25			5.1	-3.3
3+00			5.7	-3.9
2+75			5.7	-3.4
50			5.3	-3.5
25			5.2	-3.4

Sta	+	H _g	-	Elev
S 2+25	E 7+75	1.78	5.2	-3.4
50			5.3	-3.5
75			5.3	-3.5
3+00			5.1	-3.3
25			6.7	-4.9
50			5.3	-3.5
75			5.3	-3.5
4+00			5.3	-3.5
25			5.1	-3.3
50			5.1	-3.3
75			6.2	-4.4
5+00			6.8	-5.0

E 8+00

S 5+00			6.7	-4.9
4+75			6.2	-4.4
50			5.4	-3.6
25			5.3	-3.5
4+00			5.3	-3.5
3+75			5.4	-3.6
50			5.5	-3.7
25			5.8	-4.0
3+00			5.2	-3.4
2+75			5.3	-3.5
50			5.2	-3.4
25			5.2	-3.4

Sta	+	H ¹ 8	-	Elev
S 2+25	E 8+25	1.78	5.0	-3.2
50			5.1	-3.3
75			5.2	-3.4
3+00			5.2	-3.4
25			5.4	-3.6
50			6.6	-4.8
75			6.6	-4.8
4+00			6.7	-4.9
25			6.6	-4.8
50			6.5	-4.7
75			6.6	-4.8
5+00			7.0	-5.2

E 8+50

S 5+00			7.0	-5.2
4+75			6.1	-4.3
50			5.9	-4.1
25			5.6	-3.8
4+00			5.5	-3.7
3+75			5.4	-3.6
50			5.3	-3.5
25			5.3	-3.5
3+00			5.2	-3.4
2+75			5.1	-3.3
50			5.0	-3.2
25			5.0	-3.2

Sta	+	H ¹	-	Elev
S 2+25	E 8+75	1.78	5.0	-3.2
50			5.0	-3.2
75			5.1	-3.3
3+00			5.1	-3.3
25			5.3	-3.5
50			5.3	-3.5
75			5.3	-3.5
4+00			5.4	-3.6
25			5.5	-3.7
50			5.9	-4.1
75			6.0	-4.2
5+00			6.8	-5.0
	E 9+00			
S 5+00			6.4	-4.6
4+75			5.9	-4.1
50			5.6	-3.8
25			5.6	-3.8
4+00			5.5	-3.7
3+75			5.4	-3.6
50			5.4	-3.6
25			5.3	-3.5
3+00			5.2	-3.4
2+75			5.0	-3.2
50			5.0	-3.2
25			5.0	-3.2

Sta	+	HI	-	Elev
S 2+25	E 9+25	1.78	5.0	-3.2
50			5.0	-3.2
75			5.0	-3.2
3+00			5.1	-3.3
25			5.1	-3.3
50			5.2	-3.4
75			5.4	-3.6
4+00			5.5	-3.7
25			5.6	-3.8
50			5.8	-4.0
75			6.3	-4.5
5+00			6.3	-4.5
	E 9+50			
S 5+00			6.7	-4.7
4+75			6.4	-4.6
50			5.8	-4.0
25			5.5	-3.7
4+00			5.5	-3.7
3+75			5.5	-3.7
50			5.2	-3.4
25			5.1	-3.3
3+00			5.1	-3.3
2+75			5.0	-3.2
50			5.0	-3.2
25			4.7	-2.9

Sta	+	H.I. s	-	Elev.
S 2+25	E 9+75	1.78	4.1	-2.3
50			4.5	-2.7
75			4.9	-3.1
3+00			5.0	-3.2
25			5.1	-3.3
50			5.1	-3.3
75			5.2	-3.4
4+00			5.6	-3.8
25			5.6	-3.8
50			5.7	-3.9
75			6.0	-3.2
5+00			6.7	-4.9
E 10+00				
S 5+00			6.7	-4.9
4+75			6.3	-4.5
50			6.0	-4.2
25			5.7	-3.9
4+00			5.7	-3.9
3+75			5.2	-3.4
50			5.1	-3.3
25			5.1	-3.3
3+00			5.1	-3.3
2+75			4.6	-2.8
50			4.3	-2.5
25			3.4	-1.6
BM 16-P 5.90		8.95		3.05

Sta	+	H ₁ 7.0	-	Elev
52+25	E10+25	8.95	10.0	-1.0
50			10.7	-1.7
75			11.3	-2.3
3+00			11.9	-2.9
25			12.2	-3.2
50			12.2	-3.2
75			12.2	-3.2
4+00			12.9	-3.9
25			13.3	-4.3
50			13.4	-4.4
75			13.8	-4.8
5+00			14.6	-5.6
	E10+50			
55+00			14.8	-5.8
4+75			13.8	-4.8
50			13.6	-4.6
25			13.5	-4.5
4+00			12.9	-3.9
3+75			11.9	-2.9
50			12.0	-3.0
25			12.0	-3.0
3+00			11.1	-2.1
2+75			10.2	-1.2
50			9.9	-0.9
25			9.4	-0.4

Sta	+	H _{g.o} ¹	-	Elev
S 2+25	E 10+75	8.95	8.5	0.5
50			9.3	- 0.3
75			9.9	- 0.9
3+00			10.1	- 1.1
25			11.4	- 2.4
50			11.0	- 2.0
75			11.7	- 2.7
4+00			12.8	- 3.8
25			13.5	- 4.5
50			13.6	- 4.6
75			13.8	- 4.8
5+00			14.3	- 5.3
E 11+00				
S 5+00			14.4	- 5.4
4+75			14.0	- 5.0
50			14.0	- 5.0
75			13.6	- 4.6
4+00			13.0	- 4.0
3+75			11.8	- 2.8
50			11.5	- 2.5
25			10.7	- 1.7
3+00			9.9	- 0.9
2+75			9.0	- 0.0
50			8.7	0.8
25			7.5	1.5

Sta	+	H ¹ 9.0	-	Elev
S 2+25	E 11+25	8.95	5.8	3.2
50			6.7	2.3
75			7.9	1.1
3+00			8.9	0.1
25			10.1	-1.1
50			10.9	-1.9
75			11.5	-2.5
4+00			12.7	-3.7
25			13.3	-4.3
50			14.2	-5.2
75			14.5	-5.5
5+00			14.7	-5.7
	E 11+50			
S 5+00			14.6	-5.6
4+75			14.6	-5.6
50			14.0	-5.0
25			13.1	-4.1
4+00			11.5	-2.5
3+75			10.9	-1.9
50			10.1	-1.1
25			9.1	-0.1
3+00			8.2	0.8
2+75			7.1	1.9
50			6.1	2.9
25			5.0	4.0

Notes continued in Book # 1491. P. 1.

DIRECTIONS FOR USE OF TABLES

TABLE No. 1

Distance of slope stake from side or shoulder stake for any width roadway slope 1 1/2 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in both

**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 correction 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.

