

1484

PASTS

LEVEL BOOK

No. 330 F



Job SLF-218

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.

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THE FREDERICK POST CO.

ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

ENGINEERING DEPARTMENT
CITY OF SAN DIEGO
CALIFORNIA

MICROFILMED

1964

Feb 14th 1934

Aynevi - Inst.

Engert - Rod.

Colvin } ch.

Higgins } ch.

Sta	+	H1	-	Elev
N5+50	E9+00	8.89	3.4	5.5
25			4.5	4.4
5+00			4.7	4.2
4+75			4.9	4.5
50			4.0	4.9
25			3.6	5.3
4+00			3.4	5.5

E9+25

N4+00			3.1	5.8
25			3.2	5.7
50			3.7	5.2
75			4.3	4.6
5+00			4.5	4.4
25	E		3.8	5.1

E9+50

N.4+75			3.4	5.5
50			3.4	5.5
25			3.0	5.9
4+00			3.1	5.8

E9+75

N4+00			2.6	6.3
25			2.3	6.6

E10+00

N4+00			2.0	6.9
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BM43-A 5.50 5.62 ✓ 0.12 ✓

Rtwy. Atlantic St. (Note +

Notes continued

From page-79. Book

#1480.

1

Rt wy Atlantic St.

" " " "

" " " "

" " " "

Sig	+	H.I.	-	Elev.
N 2+00	E 2+25	5.62	7.7	-2.1
25			7.7	-2.1
50			8.0	-2.4
75			7.8	-2.2
3+00			7.8	-2.2
25			7.8	-2.2
50			7.8	-2.2
75			7.8	-2.2
	E 2+50			
N 3+75			7.9	-2.3
50			7.9	-2.3
75			7.9	-2.3
3+00			7.9	-2.3
2+75			7.9	-2.3
50			7.8	-2.2
25			7.9	-2.3
2+00			8.0	-2.4
	E 2+75			
N 2+00			8.0	-2.4
25			7.9	-2.3
50			7.9	-2.3
75			7.9	-2.3
3+00			7.9	-2.3
25			7.9	-2.3
50			7.9	-2.3
75			7.9	-2.3

Sta	+	H I	-	Elev
N 3+75	E-3+00	5.62	8.0	-2.4
	50		7.9	-2.3
	25		8.0	-2.4
	3+00		8.0	-2.4
	2+75		7.8	-2.2
	50		7.8	-2.2
	25		7.9	-2.3
	2+00		7.9	-2.3
	E 3+25			
N 2+00			8.2	-2.6
	25		8.0	-2.4
	50		7.9	-2.3
	75		7.7	-2.1
	3+00		7.9	-2.3
	25		8.1	-2.5
	50		5.3	0.3
	75		5.4	0.2
	E 3+50			
N 3+75			5.3	0.3
	50		5.5	0.1
	25		5.3	0.3
	3+00		8.1	-2.5
	2+75		8.4	-2.6
	50		8.2	-2.6
	25		8.0	-2.4
	2+00		8.2	-2.6

Sta	+	HI	-	Elev
N2+00	E3+75	5.62	8.2	-2.6
	25		8.1	-2.5
	50		8.0	-2.4
	75		8.1	-2.5
3+00			8.0	-2.4
	25		5.2	0.4
	50		5.3	0.3
	75		5.7	-0.1
E4+00				
N3+75			5.7	-0.1
	50		5.6	0.0
	25		5.3	0.3
3+00			8.2	-2.6
2+75			8.2	-2.6
	50		8.2	-2.6
	25		8.2	-2.6
2+00			8.3	-2.7
E4+25				
N2+00			8.3	-2.7
	25		8.1	-2.5
	50		8.2	-2.6
	75		8.2	-2.6
3+00			8.1	-2.5
	25		7.8	-2.2
	50		5.9	-0.3
	75		6.2	-0.6

Excavation for St.

" " "
 " " "

Sta	+	HI	-	Elev
N3+75	E4-50	5.62	6.2	-0.6
50			6.0	-0.4
25			8.0	-2.4
3+00			8.1	-2.5
2+75			8.2	-2.6
50			8.4	-2.8
25			8.4	-2.8
2+00			8.4	-2.8
E4+75				
N-2+00			8.4	-2.8
25			8.3	-2.7
50			8.2	-2.6
75			8.2	-2.6
3+00			8.1	-2.5
25			7.9	-2.3
50			7.9	-2.3
75			6.3	-0.7
E5+00				
N3+75			6.3	-0.7
50			7.8	-2.2
25			7.7	-2.1
3+00			7.9	-2.3
2+75			8.0	-2.4
50			8.2	-2.6
25			8.2	-2.6
2+00			8.3	-2.7

Sta.		HI		Elev
N 2+00	E 5+25	5.62	8.3	-2.7
25			8.2	-2.6
50			7.9	-2.3
75			7.7	-2.1
3+00			7.6	-2.0
25			7.5	-1.9
50			7.6	-2.0
75			7.5	-1.9
	E 5+50			
N 3+75			7.4	-1.8
50			7.5	-1.9
25			7.5	-1.9
3+00			7.6	-2.0
2+75			7.7	-2.1
50			7.8	-2.2
25			8.1	-2.5
2+00			8.3	-2.7
	E 5+75			
N 2+00			8.2	-2.6
25			8.0	-2.4
50			7.8	-2.2
75			7.7	-2.1
3+00			7.5	-1.9
25			7.5	-1.9
50			7.3	-1.7
75			7.3	-1.7

7

Sta	+	HI	-	Elev.
N3+75	E6+00	5.62	7.3	-1.7
50			7.3	-1.7
25			7.5	-1.9
3+00			6.9	-1.3
2+75			6.9	-1.3
50			7.6	-2.0
25			8.0	-2.4
2+00			8.2	-2.6

E6+25

N2+00			7.7	-2.1
25			6.3	-0.7
50			5.8	-0.2
75			5.9	-0.3
3+00			6.5	-0.9
25			7.2	-1.6
50			7.4	-1.8
75			7.4	-1.8

E6+50

N3+75			7.3	-1.7
50			7.4	-1.8
25			6.9	-1.3
3+00			5.8	-0.2
2+75			5.6	0.0
50			5.2	0.4
25			6.4	-0.6
2+00			7.5	-1.9

Sta.	+	H1	-	Elev
BM#14-P	6.18	6.86		0.68

E 6+75

N 2+00		9.6	-2.8
25		8.1	-1.3
50		7.0	-0.2
75		6.8	0.0
3+00		6.7	0.1
25		6.8	0.0
50		7.8	-1.0
75		8.5	-1.7

E 7+00

N 3+75		7.0	-0.2
50		6.6	0.2
25		6.3	0.5
3+00		6.2	0.6
2+75		6.7	0.1
50		7.6	-0.8
25		8.6	-1.8
2+00		9.5	-2.7

Sta.	+	HI	-	Elev
N 2+00	E 7+25	6.86	9.6	-2.8
25			9.5	-2.7
50			8.1	-1.3
75			7.1	-0.3
3+00			6.1	0.7
25			5.9	0.9
50			5.7	1.1
75			5.6	1.2
	E 7+50			
N 3+75			4.8	2.0
50			5.0	1.8
25			6.2	0.6
3+00			6.8	0.0
2+75			7.8	-1.0
50			8.2	-1.4
25			8.8	-2.0
2+00			9.3	-2.5
	E 7+75			
N 2+00			8.6	-1.8
25			8.4	-1.6
50			8.0	-1.2
75			7.0	-0.2
3+00			6.3	0.5
25			5.8	1.0
50			4.6	2.2
75			4.1	2.7

Sta	+	HI	-	Elev
N 3+75	E 8+00	6.86	3.6	3.2
50			4.1	2.9
25			5.0	1.8
3+00			5.7	1.1
2+75			6.1	0.7
50			7.2	-0.4
25			7.5	-0.7
2+00			7.9	-1.1
	E 8+25			
N 2+00			7.3	-0.5
25			6.7	0.1
50			6.0	0.8
25			5.4	1.4
3+00			4.8	2.0
25			4.1	2.7
50			3.3	3.5
25			5.8	1.0
	E 8+50			
N 3+75			5.1	1.7
50			5.2	1.6
25			5.4	1.4
3+00			3.6	3.2
2+75			4.3	2.5
50			5.0	1.8
25			5.6	1.2
2+00			6.1	0.7

Ex Fox Str.

Sta	+	H1	-	Elev
N 2+00	E 8+75	6.86	5.1	1.7
25			4.5	2.3
50			3.7	1.1
75			5.1	1.7
3+00			5.4	1.4
25			5.3	1.5
50			4.5	2.3
75			2.0	4.8

T.P. 6.78 9.92 3.72 3.14

E 9+00

N 3+75			4.7	5.2
50			5.0	4.9
25			5.2	4.7
3+00			7.9	2.0
2+75			8.1	1.8
50			9.2	1.7
25			7.4	2.5
2+00			7.3	2.6

Ex. For Str

Ex. For Str

Sta	+	HI	-	Elev
N 2+00	E 9+25	9.92	7.8	2.1
25			7.9	2.0
50			7.9	2.0
75			7.3	2.6
3+00			5.3	4.6
25			5.1	4.8
50			4.7	5.2
75			4.5	5.4
	E 9+50			
N 3+75			4.0	5.9
50			4.2	5.7
25			4.6	5.3
3+00			4.9	5.0
2+75			5.2	4.7
50			5.5	4.4
25			5.3	4.6
2+00			7.5	2.4
	E 9+75			
N 2+00			5.3	4.6
25			5.0	4.9
50			4.8	5.1
75			4.7	5.2
3+00			4.5	5.4
25			4.1	5.8
50			4.0	5.9
75			4.0	5.9

Ex For Str.

Ex For Str.

Heavy Machine

Sta	+	H1	-	Elev.
N3+75	E10+00	9.92	3.2	6.7
50			3.5	6.4
25			3.9	6.0
3+00			4.1	5.8
2+75			4.1	5.8
50			4.4	5.5
25			4.5	5.4
2+00			4.8	5.1

E10+25

N2+00			4.0	5.9
25			3.8	6.1
50			4.0	5.9
75			3.9	6.0
3+00			3.3	6.6
25			3.0	6.9

E10+50

N3+00			2.3	7.6
2+75			1.9	8.0
50			3.1	6.8
25			3.6	6.3
2+00			4.7	5.2

E10+75

N2+00			3.2	6.4
25			3.2	6.7
50			1.8	8.1
N2+00	E11+00		2.5	7.4

RT w/ Atlantic

RT w/ Atlantic

" " "

Drain under Hqwy
RTWY Hqwy.

" "

Sta	+	HI	-	Elev
X 0+0	4.08	2.44		-1.64 ✓

E 2+25

N 0+0		4.8	-2.4
25'		4.7	-2.3
50'		4.7	-2.3
75'		4.8	-2.4
1+00		4.4	-2.0
25'		4.5	-2.1
50'		4.6	-2.2
75'		4.5	-2.1

E 2+50

N 1+75		4.6	-2.2
50'		4.7	-2.3
25'		4.7	-2.3
1+00		4.6	-2.2
0+75		4.8	-2.4
50'		5.0	-2.6
25'		4.9	-2.5
0+0		4.9	-2.5

Sta	+	HI	-	Elev.
N0+0	E2+75	2.44	5.1	-2.7
25			5.1	-2.7
50			5.0	-2.6
75			4.9	-2.5
1+00			4.9	-2.5
25			4.9	-2.5
50			5.0	-2.6
75			4.9	-2.5
E3+00				
N1+75			5.0	-2.6
50			5.0	-2.6
25			5.3	-2.9
1+00			5.2	-2.8
0+75			5.1	-2.7
50			5.0	-2.6
25			5.5	-3.1
0+00			5.0	-2.6
E3+25				
N0+00			5.2	-2.8
+25			5.3	-2.9
50			5.2	-2.8
75			5.2	-2.8
1+00			5.3	-2.9
25			5.1	-2.7
50			5.1	-2.7
75			5.1	-2.7

Sta	+	H1	-	Elev
N1+75	E3+50	2.44	5.1	-2.7
50			5.3	-2.9
25			5.3	-2.9
1+00			5.3	-2.9
0+75			5.5	-3.1
50			5.4	-3.0
25			5.4	-3.0
0+00			5.4	-3.0
	E3+75			
N0+00			5.4	-3.0
25			5.4	-3.0
50			5.3	-2.9
75			5.4	-3.0
1+00			5.4	-3.0
25			5.3	-2.9
50			5.1	-2.7
75			5.1	-2.7
	E4+00			
N1+75			5.2	-2.8
50			5.1	-2.7
25			5.3	-2.9
1+00			5.4	-3.0
0+75			5.4	-3.0
50			5.5	-3.1
25			5.4	-3.0
0+00			5.6	-3.2

Sta	+	H1	-	Elev
N0+0	E4+25	2.44	5.6	-3.2
25			5.5	-3.1
50			5.4	-3.0
75			5.5	-3.1
1+00			5.4	-3.0
25			5.4	-3.0
50			5.3	-2.9
75			4.9	-2.5
E4+50				
N1+75			5.1	-2.7
50			5.2	-2.8
75			5.4	-3.0
1+00			5.4	-3.0
0+75			5.4	-3.0
50			5.5	-3.1
75			5.3	-2.9
0+0			5.0	-2.6
E4+75				
N0+00			5.3	-2.9
25			5.4	-3.0
50			5.9	-3.5
75			5.5	-3.1
1+00			5.3	-2.9
25			5.2	-2.8
50			5.2	-2.8
75			5.2	-2.8

Sta	+	H1	-	Elev.
N1+75	ES+00	2.44	5.2	-2.8
	50		5.3	-2.9
	25		5.3	-2.9
	1+00		5.4	-3.0
	0+75		5.4	-3.0
	50		5.4	-3.0
	25		5.4	-3.0
	0+0		5.4	-3.0

ES+25

N0+00			5.5	-3.1
	25		5.4	-3.0
	50		5.5	-3.1
	75		5.4	-3.0
	1+00		5.6	-3.2
	25		5.7	-3.3
	50		5.7	-3.3
	75		5.2	-2.8

ES+50

N1+75			5.2	-2.8
	50		5.3	-2.9
	25		5.4	-3.0
	1+00		5.4	-3.0
	0+75		5.4	-3.0
	50		5.5	-3.1
	25		5.5	-3.1
	0+0		5.5	-3.1

Sta	+	H ¹	-	Elev.
N 0+0	E 5+75	2.44	5.5	-3.1
25			5.6	-3.2
50			5.5	-3.1
75			5.5	-3.1
1+00			5.5	-3.1
25			5.4	-3.0
50			5.4	-3.0
75			5.3	-2.9

E 6+00

N 1+75			5.3	-2.9
50			5.3	-2.9
25			5.4	-3.0
1+00			5.5	-3.1
0+75			5.5	-3.1
50			5.5	-3.1
25			5.5	-3.1
0+0			5.6	-3.2

E 6+25

N 0+0			5.6	-3.2
25			5.6	-3.2
50			5.5	-3.1
75			5.5	-3.1
1+00			5.5	-3.1
25			5.4	-3.0
50			5.3	-2.9
75			5.3	-2.9

Sta	+	H.I.	-	Elev.
BM#14-P	3.32	4.00		0.68

E6+50

N 1+75		6.9	-2.9
50		6.9	-2.9
75		7.0	-3.0
1+00		7.0	-3.0
0+75		7.1	-3.1
50		7.2	-3.2
75		7.2	-3.2
0+00		7.2	-3.2

E6+75

N 0+0		7.3	-3.3
25		7.2	-3.2
50		7.2	-3.2
75		7.1	-3.1
1+00		7.1	-3.1
25		7.0	-3.0
50		7.0	-3.0
75		7.1	-3.1

Sta	+	HI	-	Elev
N1+75	E7+00	4.00	7.0	-3.0
50			7.0	-3.0
25			7.0	-3.0
1+00			7.0	-3.0
0+75			7.1	-3.1
50			7.2	-3.2
25			7.2	-3.2
0+0			7.3	-3.3
	E7+25			
N0+00			7.4	-3.4
25			7.1	-3.1
50			7.1	-3.1
75			7.1	-3.1
1+00			7.0	-3.0
25			7.0	-3.0
50			7.0	-3.0
75			6.9	-2.9
	E7+50			
N1+75			6.8	-2.8
50			6.9	-2.9
25			6.9	-2.9
1+00			7.0	-3.0
0+75			7.0	-3.0
50			7.1	-3.1
25			7.1	-3.1
0+00			7.1	-3.1

Sta	+	HI	-	Elev.
N 0+0	E 7+75	4.00	7.2	-3.2
25			7.0	-3.0
50			6.6	-2.6
75			6.6	-2.6
1+00			6.7	-2.7
25			6.6	-2.6
50			6.6	-2.6
75			6.4	-2.4
E 8+00				
N 1+75			5.7	-1.7
50			5.8	-1.8
25			6.3	-2.3
1+00			6.2	-2.2
0+75			6.0	-2.0
50			5.8	-1.8
25			5.9	-1.9
0+0			6.8	-1.8
E 8+25				
N 0+0			5.6	-1.6
25			5.6	-1.6
50			5.4	-1.4
75			5.4	-1.4
1+00			5.5	-1.5
25			5.5	-1.5
50			4.9	-0.9
75			4.3	-0.3

Sta	+	HI	-	Elev
N1+75	E8+50	4.00	3.5	0.5
50			4.2	-0.2
25			4.5	-0.5
1+00			4.9	-0.9
0+75			4.9	-0.9
50			5.0	-1.0
25			5.3	-1.3
0+0			5.4	-1.4

E8+75

N0+0			5.2	-1.2
25			4.8	-0.8
50			4.6	-0.6
75			4.4	-0.4
1+00			4.1	-0.1
25			3.9	0.1
50			3.3	0.7
75			2.8	1.2

E9+00

N1+75			1.9	2.1
50			2.4	1.6
25			3.0	1.0
1+00			3.9	0.1
0+75			4.1	-0.1
50			4.1	-0.1
25			4.4	-0.4
0+0			4.7	-0.7

Sta	+	H1	-	Elev.
N 0+00	E 9+25	4.00	4.3	-0.3
25			3.8	0.2
50			3.4	0.6
75			3.5	0.5
1+00			2.9	1.1
25			2.4	1.6
50			1.8	2.2
75			1.0	3.0

E 9+50

N 1+75		2.0	}	2.0
50		1.8		2.2
25		2.1		1.9
1+00		2.9		1.1
0+75		2.2		1.8
50		2.9		1.1
25		3.2		0.8
0+0		3.6		0.4

E 9+75

N 0+0		2.8		1.2
25		2.3		1.7
50		1.9		2.1
75		1.5		2.5
1+00		1.2		2.8
25		1.6	}	2.4
50		1.8		2.2
75		1.6		2.4

Ex For Str

Ex for Str

Sta	+	HI	-	Elev.
		^{3.35} 4.03		
N1+75	E10+00	4.00	0.8	3.2
50			0.8	3.2
25			1.6	2.4
1+00			1.6	2.4
0+75			1.1	2.9
50			1.3	2.7
25			1.7	2.3
0+0			1.9	2.1

E10+25

N0+0			1.2	2.8
25			1.0	3.0
50			1.6	2.4
75			1.5	2.5
1+00			1.1	2.9
25			0.0	4.0
50			0.8	3.2
75			0.0	4.0

T.P. 8.03 ^{10.41} 10.44 1.62 ^{2.38} 2.41

Ex for Str.

Ex for Str.

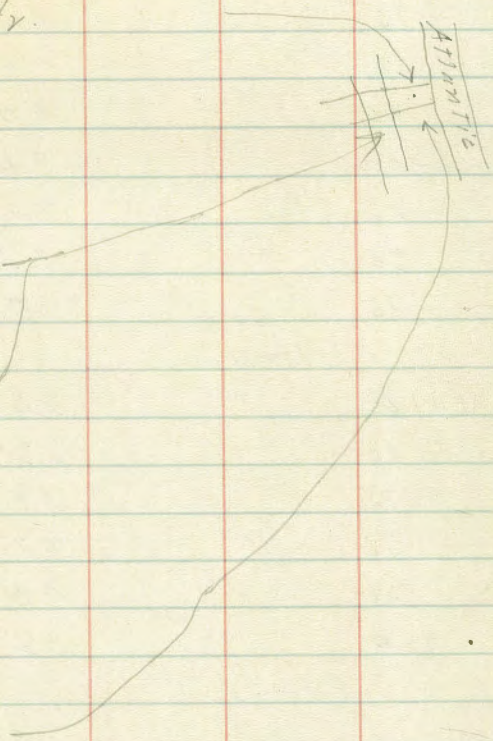
Sta	+	HI	-	Elev.
N 1+75	E 10+50	10.44	5.3	5.1
50			6.4	4.0
25			5.6	4.8
1+00			5.9	4.5
0+75			6.1	4.3
50			7.7	2.7
25			7.8	2.6
0+0			7.5	2.9
	E 10+75			
N 0+00			7.6	2.8
25			5.8	4.6
50			5.8	4.6
75			5.6	4.8
1+00			5.3	5.1
25			4.9	5.5
50			4.6	5.8
75			5.3	5.1
	E 11+00			
N 1+75			3.8	6.6
50			4.0	6.4
25			4.1	6.3
1+00			4.6	5.8
0+75			4.9	5.5
50			5.0	5.4
25			5.1	5.3
0+00			5.1	5.3

Ex for Str.

Ex for St.

" " "

Ex for St.



Sta	+	H1	-	Elev.
N 0+00	E11+25	10.44	4.6	5.8
	25		4.6	5.8
	50		4.4	6.0
	75		4.0	6.4
	1+00		3.6	6.8
	25		3.4	7.0
	50		3.1	7.3
	75		2.7	7.7

E11+50.

N 1+25			2.5	7.9
	1+00		2.8	7.6
	0+75		3.1	7.3
	50		3.7	6.7
	25		4.0	6.4
	0+0		3.8	6.6

E11+75

N 0+0			3.4	7.0
	25		3.1	7.3
	50		2.3	8.1
	75		2.0	8.4

E12+00

N 0+25			1.8	8.6
	0+00		2.2	8.2

E12+25

N 0+0		1.0	9.4	
BM#15P		^{10.41} 6.40	4.04	see pg 43
		4.01		

Rtwy. Atlantic

Rt wy. Atlantic

" " "

" " "

Sta's E11+00 S 1+00

Sta	+	HI	-	Elev.
X-0+0	4.00	2.36		-1.64 ✓

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E 0+25

S-0+25		4.3	-2.0
50		4.0	-1.7
75		4.0	-1.7
1+00		4.0	-1.7
25		4.0	-1.7
50		4.3	-2.0
75		4.1	-1.8
2+00		4.1	-1.8

E 0+50

S-2+00		4.5	-2.2
1+75		4.4	-2.1
50		4.5	-2.2
25		4.1	-1.8
1+00		4.2	-1.9
0+75		4.2	-1.9
50		4.6	-2.3
25		4.1	-1.8

Sta	+	H.I.	-	Elev.
S 0+25	E 0+75	2.36	4.4	-2.1
	50		4.4	-2.1
	75		4.3	-2.0
	1+00		4.3	-2.0
	25		4.2	-1.9
	50		4.3	-2.0
	75		4.3	-2.0
	2+00		4.6	-2.3
	E/1+00			
S-2+00			4.4	-2.1
	1+75		4.4	-2.1
	50		4.3	-2.0
	25		4.6	-2.3
	1+00		4.6	-2.3
	0+75		4.3	-2.0
	50		4.6	-2.3
	25		4.4	-2.1
	E/1+25			
S 0+25			4.4	-2.1
	50		4.8	-2.5
	75		4.2	-1.9
	1+00		4.4	-2.1
	25		4.7	-2.4
	50		4.8	-2.5
	75		4.5	-2.2
	2+00		4.6	-2.3

Sta	+	HI	-	Elev.
S 2+00	E 1+50	2.36	5.0	-2.7
	1+75		5.1	-2.8
	50		4.9	-2.6
	25		4.8	-2.5
	1+00		4.4	-2.1
	0+75		4.8	-2.5
	50		4.5	-2.2
	25		4.6	-2.3
	E 1+75			
S 0+75			4.6	-2.3
	50		4.8	-2.5
	25		4.9	-2.6
	1+00		4.9	-2.6
	75		4.7	-2.4
	50		5.0	-2.7
	25		5.2	-2.9
	2+00		5.3	-3.0
	E 2+00			
S 2+00			5.6	-3.3
	1+75		5.6	-3.3
	50		5.4	-3.1
	25		5.2	-2.9
	1+00		4.9	-2.6
	0+75		4.9	-2.6
	50		4.7	-2.4
	25		4.5	-2.2

Sta	+	HI	-	Elev.
S 0+25	E 2+25	2.36	4.6	-2.3
50			4.8	-2.5
75			4.9	-2.6
1+00			4.9	-2.6
25			5.2	-2.9
50			4.9	-2.6
75			5.1	-2.8
2+00			5.4	-3.1

E 2+50

S 2+00			5.3	-3.0
1+75			5.1	-2.8
50			5.1	-2.8
25			5.0	-2.7
1+00			5.0	-2.7
0+75			4.9	-2.6
50			4.9	-2.6
25			4.7	-2.4

E 2+75

S 0+25			5.1	-2.8
50			4.7	-2.4
75			5.0	-2.7
1+00			5.0	-2.7
25			5.1	-2.8
50			5.3	-3.0
75			5.1	-2.8
2+00			5.1	-2.8

Sta	+	HI	-	Elev.
S 2+00	E 3+00	2.36	5.3	-3.0
1+75			5.2	-2.9
50			5.6	-3.3
75			5.1	-2.8
1+00			5.0	-2.7
0+75			5.1	-2.8
50			4.9	-2.6
25			4.9	-2.6
E 3+25				
S 0+25			5.4	-3.1
50			5.1	-2.8
75			5.2	-2.9
1+00			5.2	-2.9
25			5.1	-2.8
50			5.3	-3.0
75			5.7	-3.4
2+00			5.4	-3.1
E 3+50				
S 2+00			5.4	-3.1
1+75			6.2	-3.9
50			5.0	-2.7
25			5.1	-2.8
1+00			5.1	-2.8
0+75			5.1	-2.8
50			5.1	-2.8
25			5.6	-3.3

Sta	+	H ¹	-	Elev
S 0+25	E 3+75	2.36	5.5	-3.2
50			5.9	-3.6
75			5.9	-3.6
1+00			5.8	-3.5
25			6.1	-3.8
50			5.4	-3.1
75			5.4	-3.1
2+00			6.0	-3.7
	E 4+00			
S 2+00			6.0	-3.7
1+75			5.8	-3.5
50			5.2	-2.9
25			5.3	-3.0
1+00			5.8	-3.5
0+75			5.7	-3.4
50			5.4	-3.1
25			5.7	-3.1
	E 4+25			
S 0+25			5.5	-3.2
50			5.5	-3.2
75			5.6	-3.3
1+00			5.6	-3.3
25			5.4	-3.1
50			5.5	-3.2
75			5.3	-3.0
2+00			5.4	-3.1

Sta	+	HI	-	Elev
S 2+00	E 4+50	2.36	5.6	-3.3
			5.5	-3.2
			5.6	-3.3
			5.6	-3.3
			5.5	-3.2
			5.5	-3.2
			5.6	-3.3
			5.4	-3.1
	E 4+75			
S-0+25			5.8	-3.5
			5.3	-3.0
			5.5	-3.2
			5.9	-3.6
			5.6	-3.3
			5.6	-3.3
			5.6	-3.3
			5.6	-3.3
	E 5+00			
S 2+00			5.6	-3.3
			5.5	-3.2
			5.4	-3.1
			6.2	-3.9
			6.2	-3.9
			5.5	-3.2
			5.9	-3.6
			5.4	-3.1

Sta	+	HI	-	Elev
S 0+25	E 5+25	2.36	5.5	-3.2
50			5.4	-3.1
75			5.9	-3.6
1+00			5.6	-3.3
25			5.5	-3.2
50			6.0	-3.7
75			5.5	-3.2
2+00			5.9	-3.6
	E 5+50			
S 2+00			6.0	-3.7
1+75			6.0	-3.7
50			6.0	-3.7
25			5.6	-3.3
1+00			5.6	-3.3
0+75			5.6	-3.3
50			6.0	-3.7
25			5.5	-3.2
	E 5+75			
S 0+25			5.4	-3.1
50			5.5	-3.2
75			5.6	-3.3
1+00			5.6	-3.3
25			5.7	-3.4
50			5.7	-3.4
75			5.8	-3.5
2+00			5.8	-3.5

Sta	+	HI	-	Elev
BM #15-P	0.60	4.64		4.04

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E 6+00

S 2+00		7.9	-3.3
1+75		7.9	-3.3
50		7.9	-3.3
25		7.9	-3.3
1+00		7.8	-3.2
0+75		7.8	-3.2
50		7.8	-3.2
25		7.7	-3.1

E 6+25

S 0+25		7.9	-3.3
50		8.1	-3.5
75		7.8	-3.2
1+00		7.9	-3.3
25		8.0	-3.4
50		8.0	-3.4
75		8.0	-3.4
2+00		8.1	-3.5

Sta	+	HI	-	Elev
S 2+00	E 6+50	4.64	8.0	-3.4
1+75			8.0	-3.4
50			7.9	-3.3
25			7.8	-3.2
1+00			7.8	-3.2
0+75			7.9	-3.3
50			7.9	-3.3
25			7.8	-3.2
E 6+75				
S 0+25			7.8	-3.2
50			7.9	-3.3
75			7.8	-3.2
1+00			7.9	-3.3
25			7.8	-3.2
50			7.9	-3.3
75			8.1	-3.5
2+00			8.1	-3.5
E 7+00				
S 2+00			8.1	-3.5
1+75			8.0	-3.4
50			7.9	-3.3
25			7.9	-3.3
1+00			7.9	-3.3
0+75			7.9	-3.3
50			8.0	-3.4
25			7.9	-3.3

Sta	+	HI	-	Elev.
S 0+25	E 7+25	4.64	7.9	-3.3
50			7.9	-3.3
75			7.9	-3.3
1+00			7.9	-3.3
25			7.9	-3.3
50			7.8	-3.2
75			7.9	-3.3
2+00			8.1	-3.5
	E 7+50			
S 2+00			8.0	-3.4
1+75			7.9	-3.3
50			7.8	-3.2
25			8.0	-3.4
1+00			8.0	-3.4
0+75			8.0	-3.4
50			7.9	-3.3
25			7.9	-3.3
	E 7+75			
S 0+25			7.8	-3.2
50			7.8	-3.2
75			8.0	-3.4
1+00			7.9	-3.3
25			8.0	-3.4
50			7.9	-3.3
75			7.9	-3.3
2+00			8.0	-3.4

Sta	+	H ¹	-	Elev
S 2+00	E 8+00	4.64	7.9	-3.3
	1+75		7.9	-3.3
	50		7.9	-3.3
	25		7.9	-3.3
	1+00		7.9	-3.3
	0+75		7.8	-3.2
	50		7.7	-3.1
	25		7.6	-3.0
	E 8+25			
S 0+25			7.4	-2.8
	50		7.5	-2.9
	75		7.8	-3.2
	1+00		7.6	-3.0
	25		7.8	-3.2
	50		7.9	-3.3
	75		7.9	-3.3
	2+00		7.9	-3.3
	E 8+50			
S 2+00			7.9	-3.3
	1+75		7.8	-3.2
	50		7.6	-3.0
	25		7.7	-3.1
	1+00		7.7	-3.1
	0+75		7.4	-2.8
	50		7.4	-2.8
	25		7.5	-2.9

Sta	+	HI	-	Elev.
S 0+25	E 8+75	4.64	6.0	-1.4
50			6.3	-1.7
75			7.1	-2.5
1+00			7.4	-2.8
25			7.4	-2.8
50			7.6	-3.0
75			7.7	-3.1
2+00			7.8	-3.2
E 9+00				
S 2+00			7.8	-3.2
1+75			7.5	-2.9
50			7.5	-2.9
25			7.3	-2.7
1+00			7.0	-2.4
0+75			6.3	-1.7
50			6.1	-1.5
25			5.7	-1.1
E 9+25				
S 0+25			5.4	-0.8
50			6.1	-1.5
75			6.3	-1.7
1+00			6.4	-1.8
25			7.0	-2.4
50			7.4	-2.8
75			7.6	-3.0
2+00			7.5	-2.9

Sta	+	HI	-	Elev.
S 2+00	E 9+50	4.64	7.2	-2.6
	1+75		7.0	-2.4
	50		6.7	-2.1
	25		6.3	-1.7
	1+00		5.9	-1.3
	0+75		6.0	-1.4
	50		5.4	-0.8
	25		5.0	-0.4

E 9+75

S 0+25			4.0	0.6
	50		4.9	-0.3
	75		5.4	-0.8
	1+00		5.5	-0.9
	25		5.5	-0.9
	50		5.6	-1.0
	75		6.0	-1.4
	2+00		6.4	-1.8

E 10+00

S 2+00			5.7	-1.1
	1+75		5.2	-0.6
	50		4.9	-0.3
	25		4.6	0.0
	1+00		4.5	0.1
	0+75		4.2	0.4
	50		3.3	1.3
	25		3.0	1.6

Sta	+	H1	-	Elev.
S 0+25	E 10+25	4.64	2.1	2.5
50			2.5	2.1
75			2.8	1.8
1+00			2.9	1.7
25			3.3	1.3
50			3.8	0.8
75			4.7	-0.1
2+00			5.1	-0.5

E 10+50

S 2+00			3.9	0.7
1+75			3.2	1.4
50			2.7	1.9
25			2.3	2.3
1+00			1.9	2.7
0+75			1.8	2.8
50			1.7	2.9
25			1.5	3.1

E 10+75

S 0+25			1.7	2.9
50			1.3	3.3
75			1.2	3.4
1+00			1.3	3.3
25			1.3	3.3
50			1.9	2.7
75			2.4	2.2
2+00			2.8	1.8

Ex for str.

Sta	+	HI	-	Elev	4.04
B.M.#14	3.98	10.46		6.48	
B.M.#16-P			7.41	3.05	
B.M.#15-P			6.38	4.08	see Pg 27
T.P.	3.55	12.11	1.90	8.56	

60' W. Sta 207+30 Atlantic St
Sta E-12+00 S 3+00

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E/1+00

S 2+00	9.5	2.6
1+75	9.1	3.0
50	8.4	3.7
25	8.1	4.0
1+00	8.4	3.7
0+75	8.9	3.2
50	9.0	3.1
25	8.5	3.6

Ex for Str.

E/1+25

S 0+25	6.4	5.7
50	6.5	5.6
75	8.4	3.7
1+00	8.5	3.6
25	8.8	3.3
50	7.7	4.4
75	7.8	4.3
2+00	8.2	3.9

" " "

Sta	+	H1	-	Elev
B S 2+00	E 11+50	12.11	7.6	4.5
E 1+75			7.8	4.3
E 50			8.2	3.9
E 25			8.3	3.8
1+00			6.2	5.9
0+75			6.1	6.0
50			5.8	6.3
25			5.6	6.5
E 11+75				
S 0+25			5.1	7.0
50			4.9	7.2
75			5.3	6.8
1+00			5.7	6.4
25			6.0	6.1
50			6.2	5.9
75			8.2	3.9
2+00			8.1	4.0
E 1.2+00				
S 2+00			8.0	4.1
1+75			6.2	5.9
50			5.7	6.4
25			5.1	7.0
1+00			4.9	7.2
0+75			4.6	7.5
50			4.6	7.5
25			4.5	7.6

Ex for Str.

Ex for Str.

Sta	+	H1	-	Elev
S 0+25	E/2+25	12.11	3.1	9.0
50			3.3	8.8
75			3.8	8.3
1+00			4.1	8.0
25			4.4	7.7
50			4.9	7.2
75			5.7	6.4
2+00			6.1	6.0
	E/2+50			
S. 2+00			5.3	6.8
1+75			4.6	7.5
50			4.1	8.0
25			3.9	8.2
1+00			3.7	9.0
0+75			2.7	9.4
50			2.0	10.1
	E/2+75			
S 400			2.3	9.8
255			2.6	9.5
50			3.5	8.6
75			4.4	7.7
2+00			4.8	7.3
	E/3+00			
S 2+00			4.4	7.7
1+75			3.8	8.3
50			2.8	9.3

Rt. way Hwy.

" "

" "

Sta	+	H1	-	Elev
S-2+00	E13+75	12.11	3.4	8.7
BM#11-P	6.03	4.14		1.11 ¹
BM#17-P	4.44	7.49 ^{7.97}	4.11	3.05 ^{3.03}
E1+00				
N13+00			7.2	0.3
E1+25				
N13+00			6.9	0.6
12+75			7.2	0.3
E1+50				
N12+75			7.2	0.3
13+00			6.1	1.4
E1+75				
N13+00			4.4	3.1
12+75			7.0	0.5
50			7.1	0.4
E2+00				
N12+50			7.0	0.5
75			6.7	0.8
13+00			4.7	2.8
E2+25				
N13+00			4.8	2.7
12+75			5.2	2.3
50			7.1	0.4
25			6.8	0.7

R+M4

Sta E2+00 N-13+00

Sta + HI - Elev.

74.9

47

E 2+50

N 12+25	6.5	1.0
50	6.6	0.9
75	5.4	2.1
13+00	5.1	2.4

E 2+75

N 13+00	5.4	2.1
12+75	5.4	2.1
50	5.6	1.9
25	6.7	0.8
12+00	6.5	1.0

E 3+00

N 12+00	6.3	1.2
25	5.3	2.2
50	5.5	2.0
75	5.6	1.9
13+00	5.4	2.1

E 3+25

N 13+00	5.1	2.4
12+75	5.4	2.1
50	5.4	2.1
25	5.4	2.1
12+00	5.9	1.6
11+75	6.0	1.5

Sta	+	HI	-	Elev
	E3+50	7.49		
N11+75			5.7	1.8
12+00			5.1	2.4
25			5.3	2.2
50			5.0	2.5
75			4.8	2.7
13+00			4.6	2.9

E3+75

N13+00			3.8	3.7
12+75			4.3	3.2
50			4.7	2.8
25			4.8	2.7
12+00			5.1	2.4
11+75			5.2	2.3
50			5.0	2.5

E4+00

N11+25			4.8	2.7
50			5.4	2.1
75			5.3	2.2
12+00			5.0	2.5
25			4.8	2.7
50			4.5	3.0
75			3.9	3.6
13+00			3.5	4.0

Sta	+	H ¹	-	Elev
N13+00	E4+85	749	2.5	5.0
12+75			3.5	4.0
50			4.3	3.2
25			4.6	2.9
12+00			5.0	2.5
11+75			5.1	2.4
50			4.7	2.8
25			4.6	2.9
11+00			4.4	3.1
	E4+50			
N11+00			4.1	3.4
25			4.4	3.1
50			4.7	2.8
75			4.7	2.9
12+00			4.7	2.8
25			4.0	3.5
50			3.7	3.8
75			3.3	4.2
13+00			2.5	5.0

Sta	+	H1	-	Elev.
N13+75	E4+75	749	1.7	5.8
			2.9	4.6
			3.4	4.1
12+00			3.5	4.0
11+75			4.0	3.5
			4.1	3.4
			3.9	3.6
11+00			4.0	3.5
10+75			3.4	4.1

E5+00

N10+75			3.1	4.4
11+00			3.3	4.2
			3.7	3.8
			3.6	3.9
			3.3	4.2
12+00			2.8	4.7
			1.8	5.7

E5+25

N12+00			1.7	5.8
11+75			2.6	4.9
			3.0	4.5
			3.4	4.1
11+00			3.1	4.4
10+75			3.0	4.5
			2.7	4.8

Rtwy Hgwy.

Rtwy Hgwy.

11 11 11

Sta	+	H1	-	Elev.
N10+25	E5+50	7.49	2.5	5.0
	50		2.5	5.0
	75		2.6	4.9
11+00			2.6	4.9
	25		2.5	5.0
	50		1.7	5.8
	E5+75			
N11+25			1.8	5.7
11+00			2.0	5.5
10+75			2.2	5.3
	50		2.4	5.1
	75		2.2	5.3
	E6+00			
N10+00			2.1	5.4
	25		2.1	5.4
	50		1.4	6.1
	75		1.2	6.3
	E6+25			
N10+25			1.1	6.4

Rt WY Hg WY.

" " "

Rt WY Hg WY.

" " "

Sta	+	H.I.	-	Elev
BM#21-P	4.15	5.50 ✓		1.35
BM#22-P			3.50	2.00 ✓
BM#23-P	5.57	5.12 ✓	5.90	-0.40 ✓
BM#24-P	5.74	4.60 ✓	6.26	-1.14 ✓
BM#25-P			6.60	-2.00 ✓
BM#26-P			6.23	-1.63 ✓

BM#21-P 5.85 7.20 ✓ 1.35 ✓

W 14+25

See Book 1485

N 12+00		5.3	1.9
25		5.2	2.0
50		5.0	2.2
75		4.7	2.5
13+00		4.8	2.4
+25		4.5	2.7
+56		4.7	2.5
+65		0.7	6.5
+78		0.3	6.9
+88		4.6	2.6

Sta's	N	W
	10+00	W 20+00
"	"	6+00 W 20+00
"	"	1+00 W 20+00
"	5	4+00 W 20+00
"	5	4+00 W 17+00

Toe of Bank

Top " "

" " "

Toe " "

Sta	+	H1	-	Elev
N13+88	W14+50	7.20	4.6	2.6
+80			0.6	6.6
+67			0.6	6.6
+57			5.0	2.2
75			4.8	2.4
13+00			4.9	2.3
12+75			5.0	2.2
50			4.9	2.3
25			5.1	2.1
12+00			5.3	1.9

W14+75

N12+00			5.3	1.9
25			5.3	1.9
50			5.2	2.0
75			4.9	2.3
13+00			4.8	2.4
25			4.7	2.5
58			4.4	2.8
69			0.6	6.6
81			0.6	6.6
89			4.5	2.7

Toe of Bank

Top " "

" " "

Toe " "

Toe of Bank

Top " "

" " "

Toe

Sta	+	H1	-	Elev.
		7.20		
	W15700			
N13+89			4.2	3.0
82			0.8	6.4
70			0.5	6.7
61			4.4	2.8
25			4.6	2.6
13+00			4.8	2.4
12+75			5.0	2.2
50			5.2	2.0
25			5.3	1.9
12+00			5.6	1.6

Sta	+	H1	-	Elev.
	W15725			
N12+00			5.3	1.9
25			5.4	1.8
50			5.0	2.2
75			4.8	2.4
13+00			4.6	2.6
25			4.3	2.9
60			3.9	3.3
69			0.7	6.5
81			0.7	6.5
89			4.0	3.2

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

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

Sta + HI - Elev.

7.20

W15+52

N13+89		3.7	3.5
81		0.8	6.4
68		0.7	6.5
60		3.8	3.4
25		4.0	3.2
13+00		4.4	2.8
12+75		4.6	2.6
50		4.8	2.4
25		5.4	1.8
12+00		5.3	1.9

W15+75

N12+00		5.3	1.9
25		5.3	1.9
50		5.1	2.1
75		4.7	2.5
13+00		4.6	2.6
25		4.3	2.9
58		3.3	3.9
67		0.5	6.7
80		0.6	6.6
87		3.8	3.4

55

Toe of Bank

Top " "

" " "

Toe " "

Toe of Bank

Top " "

" " "

Toe " "

Sta	+	H1	-	Elev
		7.20		
		W16+00		
N13+90		3.9		3.3
81		0.3		6.9
67		00		7.2
57		4.8		2.4
25		4.6		2.6
13+00		4.7		2.5
12+75		4.7		2.5
50		5.0		2.2
25		5.1		2.1
12+00		5.2		2.0

Sta	+	H1	-	Elev
		W16+25		
N12+00		5.0		2.2
25		4.9		2.3
50		5.0		2.2
75		4.8		2.4
13+00		4.7		2.5
25		4.4		2.8
57		3.9		3.3
66		0.5		6.7
80		0.7		6.5
88		4.0		3.2

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

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

Sta + H1 - Elev

7.20

W16+50

N13+88		3.4	3.8
81		0.7	6.5
6.7		0.5	6.7
57		3.7	3.5
25		4.2	3.0
13+00		4.4	2.8
12+75		4.5	2.7
50		4.4	2.8
25		4.5	2.7
12+00		4.8	2.4

W16+75

N-12+00		4.6	2.6
25		4.4	2.8
50		4.5	2.7
75		4.6	2.6
13+00		4.3	2.9
25		4.1	3.1
54		3.7	3.5
65		0.7	6.5
8.0		0.3	6.9
88		3.2	4.0

57

Toe of Bank

Top " "

" " "

Toe " "

Toe of Bank

Top " "

" " "

Toe " "

Sta	+	H'	-	Elev
		7.20		
W17+00				
N13+91			3.0	4.2
84			0.5	6.7
65			0.6	6.6
54			3.4	3.8
25			3.9	3.3
13+00			4.1	3.1
12+75			4.2	3.0
50			4.2	3.0
25			4.2	3.0
12+00			4.4	2.8

Sta	+	H'	-	Elev
W17+25				
N12+00			4.5	2.7
25			4.4	2.8
50			4.2	3.0
75			3.9	3.3
13+00			4.2	3.0
25			3.6	3.6
56			3.5	3.7
65			0.6	6.6
82			0.6	6.6
90			3.2	4.0

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

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

Sta + HI - Elev.

7.20

W17+50

N13+91		3.2	4.0
82		0.7	6.5
64		0.6	6.6
53		3.3	3.9
25		3.6	3.6
13+00		3.6	3.6
12+75		3.8	3.4
50		4.0	3.2
25		4.1	3.1
12+00		4.3	2.9

W17+75

N12+00		3.8	3.4
25		4.0	3.2
50		4.0	3.2
75		3.9	3.3
13+00		3.5	3.7
25		3.6	3.6
55		3.1	4.1
64		0.4	6.8
82		0.5	6.7
93		3.2	4.0

59

Toe of Bank

Top " "

" " "

Toe " "

Toe of Bank

Top " "

" " "

Toe " "

Sta	+	H1 7.90	-	Elev
	W18+00			
N13+91			3.0	4.2
81			0.7	6.5
68			0.5	6.7
57			3.0	4.2
25			3.1	4.1
13+00			3.3	3.9
12+75			3.6	3.6
50			3.5	3.7
25			3.5	3.7
12+00			3.7	3.5
	W14+75			
N11+75			5.9	1.3
50			5.7	1.5
25			5.9	1.3
11+00			5.8	1.4
10+75			5.5	1.7
50			5.4	1.8
25			6.0	1.2
10+00			5.7	1.5

Toe of Bank

Top " "

" " "

Top " "

Sta	+	HI	-	Elev
N 10+00	W 14+50	7.20	5.7	1.5
25			6.1	1.1
50			5.5	1.7
75			5.9	1.3
11+00			6.1	1.1
25			6.1	1.1
50			5.0	2.2
75			5.5	1.7
	W 14+75			
N 11+75			5.3	1.9
50			5.4	1.8
25			6.0	1.2
11+00			6.5	0.7
10+75			6.2	1.0
50			5.6	1.6
25			6.1	1.1
10+00			6.0	1.2
	W 15+00			
N 10+00			6.1	1.1
25			6.0	1.2
50			5.9	1.3
75			6.5	0.7
11+00			6.4	0.8
25			5.6	1.6
50			5.6	1.6
75			5.3	1.9

Sta	+	H1	-	Elev
N11+75	W15+25	7.20	5.5	1.7
50			5.7	1.5
25			5.8	1.4
11+00			6.2	1.0
10+75			6.6	0.6
50			6.5	0.7
25			6.5	0.7
10+00			6.5	0.7
	W15+50			
N10+00			6.5	0.7
25			6.7	0.5
50			6.5	0.7
75			6.3	0.9
11+00			6.1	1.1
25			6.0	1.2
50			5.6	1.6
75			5.5	1.7
	W15+75			
N11+75			5.3	1.9
50			5.6	1.6
25			5.7	1.5
11+00			5.9	1.3
10+75			6.1	1.1
50			6.0	1.2
25			6.5	0.7
10+00			6.9	0.3

Sta	+	H1	-	Elev.
N10+00	W16+00	7.20	6.9	0.3
25			6.4	0.8
50			6.2	1.0
75			5.9	1.3
11+00			5.8	1.4
25			5.6	1.6
50			5.5	1.7
75			5.4	1.8
	W16+25			
N11+75			5.2	2.0
50			5.2	2.0
25			5.4	1.8
11+00			5.7	1.5
10+75			5.6	1.6
50			6.3	0.9
25			6.3	0.9
10+00			6.8	0.4
	W16+50			
N10+00			6.0	1.2
25			5.7	1.5
50			5.8	1.4
75			5.7	1.5
11+00			5.5	1.7
25			5.2	2.0
50			5.1	2.1
75			4.9	2.3

Sta	+	H1	-	Elev.
N11+75	W16+75	7.20	4.7	2.5
50			5.1	2.1
25			5.2	2.0
11+00			5.6	1.6
10+75			5.7	1.5
50			5.5	1.7
25			6.0	1.2
10+00			5.9	1.3
	W17+00			
N10+00			6.0	1.2
25			5.9	1.3
50			5.5	1.7
75			5.5	1.7
11+00			5.4	1.8
25			5.3	1.9
50			5.1	2.1
75			4.9	2.3
	W17+25			
N11+75			4.6	2.6
50			4.9	2.3
25			5.1	2.1
11+00			5.1	2.1
10+75			5.1	2.1
50			5.3	1.9
25			5.9	1.3
10+00			6.0	1.2

Sta	+	H1	-	Elev.
N10+00	W17+50	7.20	6.0	1.2
25			5.9	1.3
50			5.2	2.0
75			5.1	2.1
11+00			4.9	2.3
25			4.8	2.4
50			4.8	2.4
75			4.6	2.6
	W17+75			
N11+75			4.1	3.1
50			4.5	2.7
25			4.6	2.6
11+00			4.9	2.3
10+75			4.9	2.3
50			5.0	2.2
25			5.7	1.5
10+00			5.5	1.7
	W18+00			
N10+00			5.4	1.8
25			5.4	1.8
50			5.2	2.0
75			5.1	2.1
17+00			4.9	2.3
25			4.7	2.5
50			4.6	2.6
75			4.1	3.1

Sta	+	H.I.	-	Elev
BM 21P	4.16	5.51		1.35 ✓

W/4+25

N 9+75		4.0		1.5
50		4.1		1.4
25		4.2		1.3
9+00		4.2		1.3
8+75		4.2		1.3
50		4.0		1.5
25		3.8		1.7
8+00		4.0		1.5

W/4+50

N 8+00		4.0		1.5
25		4.0		1.5
50		4.6		0.9
75		4.5		1.0
9+00		4.3		1.2
25		4.4		1.1
50		3.9		1.6
75		4.2		1.3

Sta	+	H/I	-	Elev.
N9+75	W14+75	5.51	4.3	1.2
50			4.1	1.4
25			4.2	1.3
9+00			4.0	1.5
8+75			4.2	1.3
50			4.4	1.1
25			4.5	1.0
8+00			4.2	1.3
	W15+00		4.6	
N8+00			4.6	0.9
25			5.1	0.4
50			4.4	1.1
25			4.1	1.4
9+00			4.2	1.3
25			4.6	0.9
50			4.2	1.3
75			4.5	1.0
	W15+25			
N9+75			4.5	1.0
50			4.6	0.9
25			4.7	0.8
9+00			4.4	1.1
8+75			4.2	1.3
50			4.4	1.1
25			4.6	0.9
8+00			4.7	0.8

Sta	+	H1	-	Elev.
N8+00	W15+50	5.51	5.0	0.5
25			4.7	0.8
50			4.4	1.1
75			4.5	1.0
9+00			4.6	0.9
25			4.7	0.8
50			4.5	1.0
75			4.5	1.0
	W15+75			
N9+75			5.1	0.4
50			4.9	0.6
25			4.7	0.8
9+00			5.1	0.4
8+75			4.8	0.7
50			4.4	1.1
25			4.8	0.7
8+00			4.9	0.6
	W16+00			
N8+00			4.7	0.8
25			5.0	0.5
50			4.9	0.6
75			5.0	0.5
9+00			4.9	0.6
25			4.8	0.7
50			4.7	0.8
75			5.5	0.0

Sta	+	H1	-	Elev.
N 9+75	W16+25	5.51	5.4	0.1
50			5.2	0.3
25			4.6	0.9
9+00			4.7	0.8
8+75			5.1	0.4
50			5.1	0.4
25			5.0	0.5
8+00			4.6	0.9
	W16+50			
N 8+00			5.5	0.0
25			5.5	0.0
50			5.3	0.2
75			5.2	0.3
9+00			5.0	0.5
25			5.0	0.5
50			5.6	-0.1
75			5.2	0.3
	W16+75			
N 9+75			5.3	0.2
50			5.7	-0.2
25			5.3	0.2
9+00			5.0	0.5
8+75			5.2	0.3
50			5.7	-0.2
25			5.6	-0.1
8+00			5.8	-0.3

Sta	+	H1	-	Elev.
N 8+00	W17+00	5.51	5.8	-0.3
25			5.5	0.0
50			5.6	-0.1
75			5.5	0.0
9+00			5.8	-0.3
25			6.0	-0.5
50			5.5	0.0
75			4.7	0.8
	W17+25			
N 9+75			4.4	1.1
50			4.6	0.9
25			4.6	0.9
9+00			5.9	-0.4
8+75			5.7	-0.2
50			5.1	0.4
25			5.6	-0.1
8+00			5.7	-0.2
	W17+50			
N 8+00			5.4	0.1
25			5.3	0.2
50			5.5	0.0
75			5.0	0.5
9+00			4.5	1.0
25			4.6	0.9
50			4.5	1.0
75			4.3	1.2

Sta	+	H.I.	-	Elev
N 9+75	W17+75	5.51	3.9	1.6
50			4.3	1.2
25			4.1	1.4
9+00			4.6	0.9
8+75			4.8	0.7
50			4.9	0.6
25			5.5	0.0
8+00			5.6	-0.1

W18+00

N 8+00			5.6	-0.1
25			5.5	0.0
50			5.1	0.4
75			5.0	0.5
9+00			4.8	0.7
25			4.5	1.0
50			4.0	1.5
75			3.8	1.7

BNI#21-P 2.56 3.91 ✓
 N11+75 1.35 ✓

W12+36			3.7	0.2
43			9.0	-5.1
70			8.9	-5.0
13+00			9.2	-5.3
18			1.5	2.4

Note: Canal X. Sec. Notes book 1485

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

Sta	+	H1	-	Elev.	
W13+22	N11+50	3.91	1.5	2.4	Top of Bank
12+92			9.1	-5.2	Bot " "
75			8.7	-4.8	Bed of canal
45			9.0	-5.1	Bot " Bank
39			4.1	-0.2	Top " "
N11+75					
W12+42			4.6	-0.7	" " "
49			9.2	-5.3	Bot " "
75			8.8	-4.9	Bed of canal
94			9.2	-5.3	Bot " Bank
13+22			1.8	2.1	Top " "
N11+00					
W13+22			1.7	2.2	" " "
12+94			9.1	-5.2	Bot " "
75			9.1	-5.2	Bed of canal
50			8.9	-5.0	Bot " Bank
38			3.8	0.1	Top " "
N10+75					
W12+34			4.3	-0.4	" " "
54			9.1	-5.2	Bot " "
71			9.1	-5.2	Bed. of canal
94			8.9	-5.1	Bot " Bank
13+17			2.1	1.8	Top " "

Sta	+	H1	-	Elev
W13+18	N10+50	3.91	2.5	1.4
12+94			8.9	-5.0
75			9.3	-5.4
53			8.8	-4.9
39			4.4	-0.5
25			4.0	-0.1

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

N10+20

W12+25			3.6	0.3
+ 32			3.8	0.1
52			8.9	-5.0
75			9.1	-5.2
94			9.5	-5.6
13+13			2.4	1.5

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

N10+00

W13+18			2.1	1.8
12+94			9.4	-5.5
75			9.1	-5.2
53			9.5	-5.6
37			3.7	0.2
25			3.3	0.6

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

N9+75

W12+25			2.9	1.0
33			3.5	1.4
55			9.4	-5.5
75			9.0	-5.1
97			9.4	-5.5
13+21			1.7	2.2

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

Sta	+	H1	-	Elev			
W13+23	N9+50	3.91	2.0	1.9			Top of Bank
12+97			9.3	-5.4			Bot " "
75			9.1	-5.2			Bed.
53			9.4	-5.5			Bot " "
25			3.0	0.9			Top " "
N9+25							
W12+25			2.7	1.2			Top " "
54			9.4	-5.5			Bot " "
75			9.1	-5.2			Bed.
99			9.3	-5.4			Bot. " "
13+23			2.1	1.8			Top " "
N9-00							
W13+25			2.1	1.8			" " "
13+00			9.1	-5.2			Bot " "
12+75			9.2	-5.3			Bed.
57			9.5	-5.6			Bot " "
25			2.6	1.3			Top " "
N8+75							
W12+25			3.0	0.9			" " "
60			9.4	-5.5			Bot " "
75			9.6	-5.7			Bed.
13+02			8.9	-5.0			Bot. " "
25			2.9	1.0			Top " "

Sta	+	H1	-	Elev.
W13+28	N 8+50	3.91	2.2	1.7
	+0V		8.9	-5.0
	12+75		9.5	-5.6
	61		9.7	-5.8
	50		4.7	-0.8
	25		4.3	-0.4

N 8+25

W12+25			4.1	-0.2
	+50		4.6	-0.7
	62		9.6	-5.7
	75		9.5	-5.6
	13+0V		9.0	-5.1
	+10		5.6	-1.7
	37		3.1	0.8

N 8+00

W13+37			3.9	0.0
	+05		5.4	-1.5
	12+99		9.8	-5.9
	80		9.6	-5.7
	59		9.3	-5.4
	50		3.9	0.0
	25		4.8	-0.9

Top of Bank

Bot " "

Bed

Bot " "

Top " "

Top of Bank

Bot " "

Bed

Bot " "

Side of Bank

Top " "

Top " "

Side slope

Bot of Bank

Bed

Bot of Bank

Top " "

75

Sta	+	H1	-	Elev.
W12+25	N7+75	3.91	4.5	-0.6
50			2.4	1.5
60			9.3	-5.4
80			9.4	-5.5
13+01			9.8	-5.9
+07			5.0	-1.1
+30			3.6	0.3

N7+50.

13+40			4.1	-0.2
08			6.2	-2.3
04			9.9	-6.0
12+80			9.4	-5.5
62			9.4	-5.5
51			3.1	0.8
25			3.1	0.8

N7+25

W12+25			2.7	1.2
12+50			3.0	0.9
63			9.4	-5.5
80			9.3	-5.4
13+03			9.8	-5.9
08			5.6	-1.7
38			4.0	-0.1

Top of Bank.

Bot " "

Bed.

Bot " "

Break in Bank

Top of Bank.

" " "

Break in Bank

Bot. of "

Bed.

Bot " "

Top " "

Top of Bank.

Bot " "

Bed.

Bot " "

Break.

Top " "

Sta	+	H1	-	Elev
W13+40	N7+00	3.91	3.4	0.5
	+12		7.4	-3.5
	07		9.7	-5.8
12+80			9.3	-5.4
	64		9.2	-5.3
	53		3.3	0.6
	25		3.0	0.9

N6+75

W12+25			2.7	1.2
	59		3.1	0.8
	67		9.4	-5.5
	85		9.6	-5.7
13+07			9.7	-5.8
	14		6.1	-2.2

BM+5-P	3.32	3.95 3.85	0.63 0.53	See 1482 Pg 73
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N6+50

W12+25			2.9	0.9
	60		2.8	1.0
	71		9.8	-6.0
	90		9.8	-6.0
13+08			9.8	-6.0
	18		6.0	-2.2

Top of Bank.

Break.

Bot. " "

Bed.

Bot " "

Top " "

Top of Bank

Bot " "

Bed.

Bot. " "

Top " " Mouth of Slough

Top of Bank

Bot " "

Bed.

Bot " "

Top " " Mouth of Slough.

77

Sta	+	H1	-	Elev
W13+17	N6+25	3.85	6.0	-2.2
	+10		9.7	-5.9
12+95			9.6	-5.8
73			10.0	-6.2
63			2.5	1.3
25			2.7	1.1

N6+00

W12+25			2.8	1.0
62			2.7	1.1
72			10.2	-6.4
90			9.5	-5.7
13+10			9.8	-6.0
15			5.3	-1.5

N5+75

W13+16			5.3	-1.5
+10			9.6	-5.8
12+90			9.7	-5.9
73			10.1	-6.3
62			2.6	1.2
25			2.9	0.9

N5+50

W12+25			2.9	0.9
61			2.8	1.0
71			9.6	-5.8
90			9.9	-6.1
13+10			9.6	-5.8
+17			5.6	-1.8

Top of Bank, Mouth of Slough ⁷⁸

Bot " "

Bed.

Bot " "

Top " "

Top of Bank.

Bot " "

Bed.

Bot " "

Top " " Mouth of Slough.

Top of Bank. " " "

Bot " "

Bed.

Bot " "

Top " "

Top of Bank.

Bot " "

Bed.

Bot " "

Top " " Mouth of Slough

Sta	+	H'	-	Elev
W13+17	N5+25	3.85	5.2	-1.4
10			9.8	-6.0
12+90			10.0	-6.2
67			9.2	-5.4
56			2.8	1.0
25			2.8	1.0

N5+00

W12+25			2.7	1.1
54			2.5	1.3
65			9.3	-5.5
85			9.7	-5.9
13+09			10.0	-6.2
16			5.8	-2.0

NA+75

W13+26			3.8	0.0
12			5.6	-1.8
06			10.2	-6.4
90			9.9	-6.1
64			9.6	-5.8
52			2.5	1.3
25			3.0	0.8

Top of Bank Mouth of Slough ⁷⁹

Bot " "

Bed

Bot " "

Top " "

Top of Bank

Bot " "

Bed

Bot " "

Top " " Mouth of Slough

" " "

Break

Bot of Bank

Bed

Bot " "

Top " "

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 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 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.

