

W362

362

362

Book #1 of cross sections
of Damsite.

MICROFILMED

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.

NY. 2950

1

East

Elev.

4890	812.1	812.1	✓
4900		11.0	✓
10		09.7	✓
20		06.9	✓
30		07.6	✓
40		06.2	✓
50		04.0	✓
60		02.7	✓
70		02.8	✓
80		01.8	✓
90		01.2	✓
5000		97.4	✓
10		99.2	✓
20		95.6	✓
30		95.4	✓
40		92.1	✓
50		89.0	✓
60		87.4	✓
70		85.9	✓
80		82.8	✓
90		80.7	✓
5100		80.3	✓
10		76.9	✓
20			

91.2
at this elevation
system

91.2
at this elevation
system ✓

N. 2960

East.

Elev.

4890

8080

✓

4900

06.3

✓

10

044

✓

20

036

✓

30

028

✓

40

995

✓

50

964

✓

60

960

✓

70

960

✓

80

979

✓

90

926

✓

5000

932

✓

10

914

✓

20

894

✓

30

874

✓

40

863

✓

50

845

✓

60

822

✓

70

798

✓

80

772

✓

90

749

✓

5100

743

✓

10

732

✓

Return of
1972

✓

N. 2970

3

East

Elev.

4890	800.3	✓
4900	989	✓
10	00.1	✓
20	99.0	✓
30	97.4	✓
40	93.1	✓
50	90.3	✓
60	89.3	✓
70	89.1	✓
80	85.7	✓
90	85.0	✓
5000	87.4	✓
10	86.0	✓
20	82.9	✓
30	82.7	✓
40	80.6	✓
50	81.0	✓
60	77.2	✓
70	73.5	✓
80	70.0	✓
90	69.0	✓
5100	67.9	✓

Plotting ch.

9/17/34
Plotting check ✓
JRM

N. 2980
Elev.

E.	Elev.	
4890	795.5	✓
4900	95.1	✓
10	93.5	✓
20	93.0	✓
30	91.9	✓
40	88.5	✓
50	84.2	✓
60	82.2	✓
70	80.9	✓
80	79.1	✓
90	79.0	✓
5000	79.5	✓
10	78.5	✓
20	77.1	✓
30	74.4	✓
40	73.5	✓
50	72.3	✓
60	68.1	✓
70	65.8	✓
80	64.2	✓
90	63.5	✓
5100	62.6	✓

✓

N. 2990

Elev.

E.		
4890	789.5	✓
4900	892	✓
10	863	✓
20	852	✓
30	890	✓
40	819	✓
50	792	✓
60	762	✓
70	757	✓
80	744	✓
90	741	✓
5000	733	✓
10	721	✓
20	702	✓
30	699	✓
40	683	✓
50	651	✓
60	618	✓
70	606	✓
80	582	✓
90	561	✓
5100	53.0	✓

✓

N. 3000.

E.	Elev.	POF
4900	785.5	✓
10	82.3	✓
20	80.8	✓
30	77.2	✓
40	73.2	✓
50	72.2	✓
60	72.5	✓
70	71.1	✓
80	69.2	✓
90	68.4	✓
5000	66.0	✓
10	65.0	✓
20	63.9	✓
30	62.3	✓
40	59.6	✓
50	53.3	✓
60	52.7	✓
70	52.8	✓
80	52.3	✓
90	52.3	✓
5100	52.3	✓
10	52.1	✓
20	52.0	✓

✓

N. 3010.

7

E.	Elev.	POG
4900	779.2	✓
10	76.3	✓
20	72.7	✓
30	70.8	✓
40	67.7	✓
50	67.4	✓
60	65.4	✓
70	63.9	✓
80	64.5	✓
90	61.3	✓
5000	57.6	✓
10	53.8	✓
20	52.8	✓
30	52.7	✓
40	52.6	✓
50	52.5	✓
60	52.1	✓
70	51.2	✓
80	49.8	✓
90	48.7	✓
5100	48.1	✓
10	47.7	✓
20	46.3	✓

N. 3020.

E.	Elev.	Pop.
4900		771.8 ✓
10		69.4 ✓
20		66.3 ✓
30		64.3 ✓
40		62.3 ✓
50		60.8 ✓
60		59.7 ✓
64.5	Toe. 758.4	
70		56.4 ✓
80		54.2 ✓
90		52.8 ✓
5000		52.3 ✓
10		52.1 ✓
20		52.5 ✓
25.4	Toe 752.3	
30		52.3 ✓
40		52.3 ✓
50		49.2 ✓
60		46.7 ✓
70		44.1 ✓
80		43.1 ✓
90		42.3 ✓
5100		42.6 ✓
10		40.3 ✓
20		39.0 ✓

N. 3020.

9

E.

Elev.

POS

5130

738.7 ✓

40

378 ✓

50

39.1 ✓

60

39.1 ✓

✓

E.	N. 3030 Elev.	ppc
4910	764.2	✓
20	61.2	✓
30	57.8	✓
40	55.5	✓
50	52.8	✓
60	52.7	✓
70	52.9	✓
80	52.1	✓
90	52.0	✓
5000	52.0	✓
10	51.0	✓
20	50.8	✓
30	48.3	✓
40	46.0	✓
50	42.8	✓
60	39.7	✓
70	38.3	✓
80	37.9	✓
90	36.8	✓
5100	35.9	✓
10	34.4	✓
20	33.7	✓
30	33.0	✓

N. 3030

11

E.

Elev.

POF

5140

732.4 ✓

50

31.7 ✓

60

33.9 ✓

N. 3040

E.	Elev.	Pos
4860		761.2 ✓
70		61.3 ✓
80		61.5 ✓
90		59.1 ✓
4900		576 ✓
10		53.3 ✓
20		52.7 ✓
30		52.4 ✓
40		52.3 ✓
50	752.0	52.2 ✓
54.9 Toe	752.0	
60		51.3 ✓
70		49.4 ✓
80		48.4 ✓
90		46.8 ✓
5000	45.8 ok.	45.5 45.8 ✓
10		44.8 ✓
20		42.4 ✓
30		41.5 ✓
40		38.9 ✓
50		36.0 ✓
60		33.9 ✓
70.1 Toe	732.8	

← B. 332-A P. 2

N. 3040

E.

Elev.

ppm

5080

31.9

✓

90

30.9

✓

5100

29.2

✓

10

28.5

✓

20

28.6

✓

30

28.1

✓

40

27.4

✓

50

27.0

✓

60

27.3

✓

✓

N. 3050

E.	Elev.	100.0
4840	752.3	✓
50	524	✓
60	526	✓
70	525	✓
80	524	✓
90	525	✓
4900	525	✓
10	525	✓
20	524	✓
30	515	✓
40	503	✓
50	483	✓
60	45.1	✓
70	42.2	✓
80	40.2	✓
90	39.9	✓
5000	39.4	✓
10	38.1	✓
20	35.6	✓
30	34.8	✓
40	33.4	✓
50	31.1	✓
60	28.1	✓
70	27.3	✓

N. 3050

Elev.

E.		
5080	725.5	✓
90	25.2	✓
5100	24.9	✓
10	25.4	✓
20	23.7	✓
30	22.3	✓
40	21.9	✓
50	21.2	✓
60	21.3	✓

N. 3060

16

E.

Elev.

POC

4840

750.4

✓

50

51.7

✓

60

51.7

✓

70

52.0

✓

80

51.8

✓

90

52.0

✓

4900

51.8

✓

10

51.4

✓

20

48.3

✓

30

46.8

✓

37.9 Toe

45.5

40

44.9

✓

50

42.3

✓

60

38.9

✓

70

35.0

✓

80

32.7

✓

90

32.9

✓

5000

33.1

✓

10

32.2

✓

20

29.7

✓

30

28.0

✓

40

25.8

✓

50

24.2

✓

60

23.3

✓

✓

N. 3060

E.

Elev.

Pop

5070

21.6

✓

80

19.4

✓

90

19.4

✓

96.1 Toe

719.8

5100

19.5

✓

10

18.3

✓

20

17.9

✓

30

16.6

✓

40

16.3

✓

50

16.2

✓

60

16.0

✓

70

14.4

✓

80

14.8

✓

✓

N. 3070

E.

Elev.

P.O.C

4840

744.4

✓

50

45.8

✓

60

48.8

✓

70

48.4

✓

80

48.3

✓

90

47.5

✓

4900

46.2

✓

10

44.1

✓

20

41.9

✓

30

40.4

✓

40

38.9

✓

50

36.9

✓

~~or 37.0~~

60

34.4

✓

~~or 34.5~~

70

29.7

✓

80

26.7

✓

90

26.0

✓

5000

27.5

✓

10

27.4

✓

20

25.7

✓

30

22.2

✓

40

20.4

✓

50

20.0

✓

60

19.5

✓

✓

N. 3070

E.

Elev.

P.P. 0

5070

16.9

✓

80

14.9

✓

90

13.3

✓

5100

14.1

✓

10

13.2

✓

20

11.9

✓

30

11.5

✓

40

11.4

✓

50

16.2

✓

60

10.8

✓

70

10.9

✓

80

10.9

✓

✓

N. 3080

E.

Elev.

P.P.S

4800

338 ✓

10

345 ✓

20

35.0 ✓

30

36.5 ✓

40

37.9 ✓

50

39.0 ✓

60

43.9 ✓

70

41.4 ✓

80

42.8 ✓

90

39.5 ✓

4900

38.7 ✓

10

37.3 ✓

18.3 Toe

35.8

20

35.5 ✓

30

33.9 ✓

40

32.1 ✓

50

31.1 ✓

60

~~33.4~~ ✓

70

27.1 ✓

80

24.4 ✓

90

~~22.1~~ ✓

5000

20.3 ✓

10

19.4 ✓

20.6 ✓

21.8 ✓

N. 3080

E.	Elev.	Pos
5020	20.6	✓
30	18.0	✓
40	15.4	✓
50	13.8	✓
60	13.3	✓
70	11.1	✓
80	09.2	✓
90	07.8	✓
5100	08.6	✓
10	08.0	✓
20	06.4	✓
23.1	Toe	
30	06.1	✓
40	05.5	✓
50	06.0	✓
60	05.6	✓
70	05.2	✓
80	04.8	✓
90	06.4	✓
5200	06.7	✓
10	05.3	✓
20	04.5	✓

N. 3090.

22

E.	Elev	P.O.G
4800	730.7	✓
10	30.8	✓
20	30.5	✓
30	30.5	✓
40	32.1	✓
50	33.4	✓
60	32.6	✓
70	32.8	✓
80	32.8	✓
90	33.6	✓
4900	33.3	✓
10	29.2	✓
20	30.5	✓
30	29.0	✓
40	27.1	✓
50	24.3	✓
60	24.4	✓
70	18.1	✓
80	15.6	✓
90	14.3	✓
5000	14.4	✓
10	15.8	✓
20	14.6	✓

N. 3090.

E.	Elev.	P.S.S.
5030	12.2	✓
40	10.9	✓
50	09.6	✓
60	07.2	✓
70	06.5	✓
80	04.0	✓
90	02.5	✓
5100	03.0	✓
10	02.6	✓
20	01.9	✓
30	01.1	✓
40	00.6	✓
50	00.9	✓
60	01.1	✓
70	02.0	✓
80	01.5	✓
90	00.4	✓
5200	00.5	✓
10	00.9	✓
20	00.3	✓

N. 3100

E.	Elev.	Pos.
4780	(N) 23.9	✓
90	24.7	✓
4800	26.5	✓
10	26.8	✓
20	26.4	✓
30	26.4	✓
40	26.9	✓
50	28.2	✓
60	28.4	✓
70	27.3	✓
80	27.4	✓
90	26.0	✓
98.5 Toe	25.8	
4900	25.7	✓
10	25.7	✓
20	25.3	✓
30	22.7	✓
40	20.2	✓
50	18.6	✓
60	16.9	✓
70	15.8	✓
80	11.6	✓
90	09.5	✓

✓

N. 3100.

E.	Elev.	P.P.
5000	ok. 09.0	700.1 09.0 ✓
10		089 ✓
20		085 ✓
30		085 ✓
40		055 ✓
50		03.8 ✓
60		02.7 ✓
70		01.8 ✓
80		99.3 ✓
90		97.7 ✓
5100		97.6 ✓
10		97.3 ✓
20		97.5 ✓
30		96.6 ✓
40		95.3 ✓
50		95.2 ✓
57.4 Toe		695.3 ✓
60		95.3 ✓
70		96.1 ✓
80		96.1 ✓
90		96.0 ✓
5200		96.1 ✓
10		96.8 ✓
20		

N. 3100

E.

Elev.

p.p. 6

5220

95.9

✓

30

95.9

✓

40

94.9

✓

50

93.7

✓

60

91.9

✓

✓

N. 3110.

27

E.	Elev.	pos
4780	18.2 18.3	✓
90	18.6	✓
4800	19.7	✓
10	18.9	✓
20	19.7	✓
30	20.8	✓
40	22.1	✓
50	22.1	✓
60	22.4	✓
70	23.8	✓
80	23.5	✓
90	22.0	✓
4900	31.0	✓
10	19.7	✓
20	19.1	✓
30	17.6	✓
40	15.2	✓
50	13.9	✓
60	11.9	✓
70	08.7	✓
80	06.4	✓
90	05.7	✓

N. 3110.

28

E.	Elev.	P.S.G.
5000	04.6	✓
10	04.0	✓
20	03.1	✓
30	03.0	✓
40	00.6	✓
50	98.8	✓
60	96.5	✓
70	95.6	✓
80	95.1	✓
90	92.7	✓
5100	92.6	✓
10	92.9	✓
20	91.5	✓
30	91.8	✓
40	90.8	✓
50	90.1	✓
60	90.5	✓
70	90.7	✓
80	91.3	✓
90	91.0	✓

N. 3110

E.

Elev.

ppp

5200

90.9

✓

10

91.8

✓

20

91.8

✓

30

91.9

✓

40

90.7

✓

50

89.8

✓

60

87.4

✓

✓

N. 3120

E.

Elev.

P.O.C.

4780	(A)	13.6	✓
90		13.7	✓
4800		14.0	✓
10		14.3	✓
20		14.9	✓
30		16.6	✓
40		19.2	✓
50		20.0	✓
60		20.6	✓
70		20.1	✓
80		18.9	✓
84.7	Toe	218.9	
90		18.1	✓
4900		16.6	✓
10		16.0	✓
20		14.0	✓
30		12.6	✓
40		11.4	✓
50		08.0	✓
60		06.0	✓
70		04.6	✓
80		03.6	✓
90		99.0	✓

✓

N. 3120

E.	Elev.	Pos.
5000	698.8	✓
10	99.3	✓
20	99.0	✓
30	95.1	✓
40	94.2	✓
50	93.1	✓
60	92.8	✓
70	91.9	✓
80	89.7	✓
90	88.7	✓
5100	87.9	✓
10	87.5	✓
20	87.0	✓
30	86.1	✓
40	85.6	✓
50	85.9	✓
60	85.8	✓
70	86.0	✓
80	85.8	✓
81.7 Toe	685.6	
90	86.3	✓

N. 3120

E.

Elev.

ppg

5200

686.6

✓

10

86.4

✓

20

86.6

✓

30

85.5

✓

40

84.6

✓

50

83.4

✓

60

82.8

✓

✓

N. 3130.

E.

Elev.

p. 06

4760	703.9	✓
70	06.1	✓
80	07.7	✓
90	08.3	✓
4800	07.9	✓
10	09.4	✓
20	10.4	✓
30	11.6	✓
40	11.4	✓
50	16.7	✓
60	17.0	✓
70	18.5	✓
80	14.0	✓
90	13.0	✓
4900	11.8	✓
10	11.8	✓
20	10.7	✓
30	07.7	✓
40	07.1	✓
50	04.3	✓
60	701.8	✓
70	699.6	✓
80	97.3	✓
90	93.5	✓

N. 3130.

34

E.

Elev.

2000

5000

696.8 ✓

10

95.3 ✓

20

91.0 ✓

30

90.8 ✓

40

91.8 ✓

50

89.2 ✓

60

86.5 ✓

70

85.7 ✓

80

85.0 ✓

90

85.0 ✓

5100

84.0 ✓

10

83.1 ✓

20

82.9 ✓

30

81.7 ✓

40

81.0 ✓

50

80.6 ✓

60

80.2 ✓

70

80.4 ✓

80

81.6 ✓

90

81.6 ✓

5200

81.4 ✓

10

81.3 ✓

20

80.8 ✓

N. 3130

E.

Elev.

pp^o

5230	680.6	✓
40	79.0	✓
50	78.4	✓
60	77.3	✓
70	76.4	✓
80	73.8	✓
90	76.7	✓
5300	81.5	✓

✓

N. 3140.

E.	Elev.	ppc
4760	699.6	✓
70	701.5	✓
80	05.0	✓
90	03.2	✓
4800	03.0	✓
10	04.0	✓
20	05.4	✓
30	05.4	✓
40	06.5	✓
50	06.7	✓
60	07.9	✓
65.9 Toe.	709.5	
70	09.3	✓
80	08.7	✓
90	09.0	✓
4900	08.2	✓
10	07.4 07.9	✓
20	08.5	✓
30	04.2	✓
40	03.0	✓
50	700.4	✓
60	696.3	✓
70	93.1	✓

N. 3140.

E.	Elev.	Pos
4980	690.5	✓
90	88.3	✓
5000	89.0	✓
10	88.2	✓
20	83.5	✓
30	86.7	✓
40	85.3	✓
50	84.4	✓
60	82.7	✓ or 82.8
70	80.9	✓
80	80.1	✓
90	79.9	✓
5100	78.9	✓
10	78.5	✓
20	77.2	✓
30	76.6	✓
40	76.0	✓
50	75.9	✓
60	75.9	✓
70	80.6	✓
80	76.5	✓
90	76.0	✓

N. 3140.

E.

Elev.

200

5200

676.4

✓

03.9 Toe

76.7

10

76.9

✓

20

76.0

✓

30

75.8

✓

40

75.1

✓

50

73.8

✓

60

72.6

✓

70

~~71.1~~

71.5

✓

80

~~71.1~~

71.1

✓

90

75.4

✓

5300

79.3

✓

✓

N. 3150.

39

E.	Elev.	PS
4780	701.2	✓
90	699.8	✓
4800	99.1	✓
10	98.8	✓
20	700.4	✓
30	02.2	✓
40	03.4	✓
50	03.4	✓
60	04.4	✓
70	06.0	✓
80	07.1	✓
90	04.6	✓
4900	03.6	✓
10	01.9	✓
20	700.0	✓
30	699.5	✓
40	96.8	✓
50	94.8	✓
60	91.8	✓
70	89.2	✓
80	87.3	✓
90	84.4	✓

N. 3150.

E.	Elev.	P.O.S
5000	683.2	✓
10	81.2	✓
20	79.9	✓
30	79.5	✓
40	78.2	✓
50	78.7	✓
60	78.5	✓
70	77.7	✓
80	75.8	✓
90	75.4	✓
5100	73.0	✓
10	73.0	✓
20	72.4	✓
30	71.6	✓
40	71.4	✓
50	70.9	✓
60	71.0	✓
70	71.2	✓
80	72.6	✓
90	72.4	✓

N. 3150.

E.	Elev.	ppg
5200	671.5	✓
10	717	✓
20	71.2	✓
30	70.8	✓
40	69.3	✓
50	67.1	✓
60	65.8	✓
70	65.2	✓
80	69.3	✓
90	73.9	✓
5300	78.5	✓

N. 3160

42

E.	Elev.	Pop.
4760	692.8	✓
70	946	✓
80	952	✓
90	941	✓
4800	938	✓
10	954	✓
20	957	✓
30	974	✓
31.3 Toe	697.2	
40	980	✓
50	992	✓
60	699.9	✓
70	700.6	✓
80	698.8	✓
90	980	✓
4900	97.9	✓
10	959	✓
20	93.0	✓
30	934	✓
40	90.3	✓
50	87.4	✓
60	861	✓
70	847	✓

84.3 ak.

✓

N. 3160.

E.	Elev.	Foot
4980	681.7	✓
90	78.8	✓
5000	77.5	✓
10	76.8	✓
20	75.4	✓
30	73.4	✓
40	73.5	✓
50	74.2	✓
60	73.0	✓
70	71.7	✓
80	71.1	✓
90	69.5	✓
5100	67.5	✓
10	67.8	✓
20	67.6	✓
30	67.5	✓
40	67.4	✓
50	66.3	✓
60	65.6	✓
70	65.6	✓
80	66.3	✓
90	66.8	✓

N. 3160.

44

E.

Elev.

POS

5200		667.6	✓
10		675	✓
20		678	✓
264	Toe	677	
30		673	✓
40		674	✓
50		681	✓
60		612	✓
70		646	✓
80		683	✓
90		721	✓
5300.		76.6	✓

✓

N. 3170.

45

E.

Elev.

200

4660	671.9	✓
70	688	✓
80	693	✓
90	693	✓
4700	694	✓
10	720	✓
20	756	✓
30	794	✓
40	823	✓
50	854	✓
60	882	✓
70	889	✓
80	898	✓
90	874	✓
4800	887	✓
10	910	✓
20	932	✓
30	935	✓
40	937	✓
50	946	✓
60	933	✓
70	941	✓
80	936	✓

N. 3170.

E.	Elev.	P.O.G
4890	692.6	✓
4900	93.0	✓
10	894	✓
20	87.0	✓
30	852	✓
40	84.3	✓
50	82.4	✓
60	82.3	✓
70	78.6	✓
80	77.2	✓
90	76.0	✓
5000	78.2	✓
10	72.3	✓
20	71.5	✓
30	70.5	✓
40	69.8	✓
50	69.2	✓
60	68.8	✓
70	67.8	✓
80	66.0	✓
90	63.8	✓
5100	63.4	✓
10	63.5	✓

N. 3170.

E.	Elev.	P.O.C.
5120	6629	✓
30	637	✓
40	634	✓
50	622	✓
60	622	✓
70	610	✓
80	615	✓
90	620	✓
5200	626	✓
10	633	✓
20	644	✓
30	634	✓
40	588	✓
50	559	✓
60	591	✓
70	635	✓
80	670	✓
90	706	✓
5300	786	✓

✓

N. 3180.

E.	Elev.	pp. 6
4650	676.4	✓
60	71.2	✓
70	67.6	✓
80	66.9	✓
90	66.7	✓
4700	653	✓
10	67.9	✓
20	71.1	✓
30	75.2	✓
40	78.9	✓
50	80.5	✓
60	81.9	✓
70	81.9	✓
80	83.2	✓
90	82.2	✓
4800	840	✓
05.1 Toe	84.1	
10	84.5	✓
20	86.0	✓
30	88.0	✓
40	88.9	✓
50	90.0	✓
60	89.2	✓
70	90.1	✓

N. 3180.

49

E.	Elev.	POG
4880	690.0	✓
90	895	✓
4900	899	✓
10	84.2	✓
20	81.4	✓
30	79.3	✓
40	79.0	✓
50	78.5	✓
60	73.5	✓
70	73.0	✓
80	72.8	✓
90	71.5	✓
5000	70.0	✓
10	69.3	✓
20	67.6	✓
30	65.8	✓
40	66.0	✓
50	64.6	✓
60	63.8	✓
70	62.0	✓
80	61.6	✓
90	60.3	✓
5100	594	✓
10	588	✓

N. 3180.

50

E.	Elev.	Pos.
5120	6583	✓
30	591	✓
40	591	✓
50	579	✓
60	595	✓
70	580	✓
80	573	✓
90	584	✓
5200	595	✓
10	599	✓
20	596	✓
30	569	✓
40	540	✓
50	519	✓
56.4 Toe	55.7	
60	587	✓
70	623	✓
80	649	✓
90	680	✓
5300	716	✓

N. 3190.

51

E.	Elev.	pos
4650	672.2	✓
60	67.6	✓
70	65.8	✓
80	63.3	✓
90	62.9	✓
4700	60.5	✓
10	61.8	✓
20	66.4	✓
30	70.7	✓
40	74.5	✓
50	77.5	✓
60	79.3	✓
70	80.0	✓
80	79.1	✓
90	78.7	✓
4800	79.1	✓
10	81.5	✓
20	83.0	✓
30	85.9	✓
40	88.6	✓
50	85.5	✓
60	87.0	✓
70	87.0	✓
80	85.8	✓

✓

N. 3190

Elev.

Pop

E.	Elev.	Pop
4890	683.2	✓
4900	80.5	✓
10	79.6	✓
20	77.8	✓
30	75.9	✓
40	73.8	✓
50	73.0	✓
60	69.6	✓
70	68.4	✓
80	68.4	✓
90	65.4	✓
5000	65.0	✓
10	64.3	✓
20	62.5	✓
30	61.1	✓
40	60.1	✓
50	59.1	✓
60	59.3	✓
70	59.1	✓
80	58.0	✓
90	57.4	✓
5100	<u>56.4</u>	✓
10	55.0	✓
20	54.1	✓

N. 3190.

53

E.

Elev.

P.O.B

5130	653.4	✓
40	53.6	✓
50	53.0	✓
60	53.6	✓
70	53.1	✓
80	53.4	✓
90	53.8	✓
5200	55.0	✓
10	55.2	✓
20	54.4 55.4	✓
30	51.8	✓
40	49.6	✓
50	48.5	✓
60	55.3	✓
70	60.6	✓
80	63.9	✓
90	67.3	✓
5300	70.6	✓
10	72.7	✓

✓

N. 3200.

54

E.	Elev.	POB
4650		66.94 ✓
60		63.9 ✓
70		59.1 ✓
80		58.0 ✓
90		65.5 ✓
	a.k. 55.5	55.5 ✓
4700		60.7 ✓
10		61.1 ✓
20		63.8 ✓
30		66.4 ✓
40		67.6 ✓
50		71.0 ✓
60		74.5 ✓
70		73.4 ✓
80		72.3 ✓
81.5	Toe	72.3 ✓
90		75.0 ✓
4800		75.6 ✓
10		77.3 ✓
20		77.9 ✓
30		80.0 ✓
40		81.5 ✓
50		81.6 ✓
60		81.8 ✓

N. 3200.

55

E.	Elev.	P.O.G.
4870	682.3	✓
80	79.1	✓
90	78.9	✓
4900	74.6	✓
10	75.3	✓
20	73.1	✓
30	70.8	✓
40	68.7	✓
50	66.5	✓
60	64.0	✓
70	63.7	✓
80	61.5	✓
90	60.1	✓
5000	58.6	✓
10	57.5	✓
20	57.8	✓
30	56.4	✓
40	56.0	✓
50	54.9	✓
60	53.7	✓
70	54.4	✓
80	53.5	✓
90	53.1	✓

N. 3200.

E.	Elev.	pos.
5100	651.5	✓
10	497	✓
20	489	✓
30	495	✓
40	504	✓
50	494	✓
60	492	✓
70	489	✓
80	491	✓
90	503	✓
5200	507	✓
10	502	✓
20	495	✓
30	477	✓
40	459	✓
50	461	✓
60	526	✓
62.2 Toe	53.4	
70	576	✓
80	631	✓
90	646	✓

N. 3200.

E.	Elev.	pas
5300	6665	✓
10	70.0	✓
20	74.5	✓
30	754	✓
40	76.3	✓
50	777	✓
60	777	✓

N. 3210.

58

E.	Elev.	POC
4660	63.4 6584	✓
70	6553	✓
80	528	✓
90	572 47.2	✓
4700	546	✓
10	576	✓
20	596	✓
30	604	✓
40	626	✓
50	647	✓
60	651	✓
70	659	✓
80	675	✓
90	734	✓
4800	722	✓
10	730	✓
20	733	✓
30	760	✓
40	776	✓
50	785	✓
60	767	✓
70	760	✓

N. 3210.

59

E.	Elev.	POO
4880	673.9	✓
90	70.3	✓
4900	66.9	✓
10	689	✓
20	676	✓
30	647	✓
40	639	✓
50	627	✓
60	599	✓
70	586	✓
80	585	✓
90	540	✓
5000	536	✓
10	543	✓
20	549	✓
30	540	✓
40	524	✓
50	500	✓
60	493	✓
70	49.8	✓
80	50.0	✓
90	494	✓

N. 3210.

60

E.

Elev

P.P.

5100	646.2	✓
10	453	✓
20	447	✓
30	457	✓
40	462	✓
50	46.1	✓
60	452	✓
70	45.1	✓
80	45.6	✓
90	47.6	✓
5200	47.1	✓
10	46.3	✓
20	45.4	✓
30	43.4	✓
40	41.8	✓
50	44.3	✓
60	51.7 51.3	✓
70	57.1	✓
80	60.9	✓
90	61.8	✓

N. 3210

61

E.

Elev.

POS.

5300

663.5 ✓

10

66.2 ✓

20

70.6 ✓

30

74.0 ✓

40

75.5 ✓

50

75.8 ✓

60

76.3 ✓

N. 3220.

62

E.	Elev.	pos
4650	659.0	✓
60	56.4	✓
70	53.2	✓
80	48.5	✓
90	45.1	✓
4700	37.8	✓
10	41.1	✓
20	47.3	✓
30	51.4	✓
40	56.3	✓
50	59.5	✓
60	62.3	✓
61.3 Toe	62.2	✓
70	62.8	✓
80	62.7	✓
90	66.3	✓
4800	67.0	✓
10	69.0	✓
20	71.1	✓
30	73.4	✓
40	72.0	✓
50	71.9	✓
60	71.2	✓
	71.1	✓

E.	Elev.	POS
4870	668.1	✓
80	64.8	✓
90	60.8	✓
4900	59.4	✓
10	61.1	✓
20	59.9	✓
30	60.0	✓
40	58.7	✓
50	56.3	✓
60	55.9	✓
70	55.1	✓
80	52.3	✓
90	50.2	✓
5000	49.6	✓
10	48.4	✓ 48.4
20	49.5	✓
30	48.9	✓
40	46.8	✓
50	45.3	✓
60	45.0	✓
70	46.0	✓
80	46.2	✓
90	45.5	✓

N. 3220.

E.	Elev.	P.P.G
5100	642.8	✓
10	40.7	✓
20	39.8	✓
30	40.4	✓
40	41.6	✓
50	42.8	✓
60	42.4 42.6	✓
70	42.1	✓
80	42.7	✓
90	43.0	✓
5200	42.7	✓
10	42.1	✓
20	41.0	✓
30	39.5	✓
40	38.0	✓
50	43.7	✓
60	48.9	✓
66.4 Toe	51.7	✓
70	53.1	✓
80	56.6	✓
90	58.2	✓

N. 3220

65

E.

Elev.

P.P.S.

5300

660.9 ✓

10

64.4 ✓

20

65.8 ✓

30

71.1 ✓

40

73.0 ✓

50

72.3 ✓

60

73.7 ✓

N. 3230.

E.	Elev.	P. 0.0
4650	655.5	✓
60	58.4	✓
70	51.2	✓
80	47.7 47.2	✓
90	35.6	✓
4700	36.4	✓
10	38.6	✓
20	42.1	✓
30	47.4	✓
40	52.6 53.6	✓
50	55.7	✓
60	54.9	✓
70	56.5	✓
80	58.4	✓
90	60.4	✓
4800	63.1	✓
10	66.4	✓
20	65.9	✓
30	65.9	✓
40	67.6	✓
50	67.6	✓
60	65.1	✓

✓

N. 3230

67

E.	Elev.	pop.
4870	662.2	✓
80	57.1	✓
90	54.7	✓
4900	50.8	✓
10	50.2	✓
20	50.6	✓
30	52.5	✓
40	50.6	✓
50	51.2	✓
60	51.4	✓
70	50.0	✓
80	46.7	✓
90	44.5	✓
5000	47.6	✓
10	46.6	✓
20	42.1	✓
30	42.8	✓
40	41.4	✓
50	42.1	✓
60	40.8	✓
70	42.5	✓
80	41.6	✓
90	39.7	✓

N. 3230.

E.	Elev.	P.O.P.
5100	637.3	✓
10	353	✓
20	35.1	✓
30	36.0	✓
40	36.1	✓
50	37.5	✓
60	38.4	✓
70	39.0	✓
80	39.0	✓
90	39.0	✓
5200	38.9	✓
10	38.1	✓
20	36.6	✓
30	34.7	✓
40	32.9	✓
50	37.6	✓
60	44.8	✓
70	50.8	✓
80	53.7	✓
90	55.9	✓

N. 3230

69

E.

Elev.

pos

5300

658.0 ✓

10

61.6 ✓

20

62.8 ✓

30

64.7 ✓

40

66.8 ✓

50

70.0 ✓

60

71.2 ✓

N. 3240.

70

E.	Elev.	P.P.C.
4650	651.1	✓
60	49.0	✓
70	46.2	✓
80	38.3	✓
87.1 Toe	34.1	
90	31.1	✓
4700	33.5	✓
10	36.2	✓
20	38.7	✓
30	40.9	✓
40	42.4	✓
50	48.0	✓
60	51.7	✓
70	53.7	✓
80	56.1	✓
90	56.4	✓
4800	57.9	✓
10	60.0	✓
20	61.5	✓
30	62.3	✓
40	60.8	✓
50	59.4	✓
60	58.1	✓

N. 3240

E.	Elev.	ppg
4870	52.0	✓
80	48.3	✓
90	48.1	✓
4900	49.6	✓
10	47.3	✓
20	46.6	✓
30	46.5	✓
40	45.8	✓
50	47.4	✓
60	46.3	✓
70	46.3	✓
80	41.5	✓
90	39.4	✓
5000	40.1	✓
10	39.7	✓
20	37.8	✓
30	36.5	✓
40	37.1	✓
50	36.8	✓
60	35.5	✓
70	34.4	✓
80	35.9	✓
90	36.3	✓

N. 3240

72

E.	Elev.	20.0
5100	633.2	✓
10	30.9	✓
20	30.5	✓
30	31.5	✓
40	32.2	✓
50	33.4	✓
60	34.6	✓
70	34.6	✓
80	35.4	✓
90	35.1	✓
5200	34.5	✓
10	33.6	✓
20	32.0	✓
30	29.7	✓
40	32.4	✓
50	38.3	✓
60	42.1	✓
70	46.0	✓
80	48.6	✓
81.9 Toe	49.5	✓
90	51.5	✓

N. 3240.

73

E.	Elev.	pop.
5300	654.9	✓
10	58.0	✓
20	60.2	✓
30	61.3	✓
40	63.3	✓
50	65.9 69.5	✓

N. 3250.

E.	Elev.	P.P.
4640	646.5	✓
50	47.3	✓
60	45.3	✓
70	42.0	✓
80	36.7	✓
90	30.9	✓
4700	28.1	✓
10	30.0	✓
20	34.4	✓
30	38.6	✓
40	40.6	✓
50	44.1	✓
60	47.3	✓
70	47.3	✓
80	49.1	✓
90	48.8	✓
4800	50.6	✓
10	54.3	✓
20	52.6	✓
30	52.4	✓
40	55.1	✓
50	55.5	✓
60	48.6	✓

N. 3250.

E.	Elev.	P.O.G
4870	45.9	✓
80	43.1	✓
90	42.4	✓
4900	42.6	✓
10	41.6	✓
20	40.6	✓
30	41.8	✓
40	40.8	✓
50	40.5	✓
60	40.9	✓
70	41.1	✓
80	35.2	✓
90	35.1	✓
5000	35.0	✓
10	34.5	✓
20	33.4	✓
30	32.4	✓
40	31.6	✓
50	32.1	✓
60	31.2	✓
70	30.0	✓
80	29.3	✓
90	29.7	✓

N. 3250

76

E.	Elev.	P.P.
5100	629.3	✓
10	26.9	✓
20	26.3	✓
30	25.9	✓
40	28.1	✓
50	28.7	✓
60	29.9	✓
70	31.5	✓
80	31.2	✓
90	30.7	✓
5200	30.6	✓
10	29.9	✓
20	28.2	✓
30	27.6	✓
40	30.6	✓
50	36.6	✓
60	39.3	✓
70	43.5	✓
80	47.0	✓ or 47.8
90	48.8	✓
5300	51.5	✓
10	54.3 54.9	✓
20	56.1	✓

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E.

Elev.

5330	658.0	✓
40	61.0	✓
50	59.2	✓
60	60.2	✓
70	62.9	✓
80	62.8	✓
90	62.8	✓
5400	61.2	✓
10	61.6	✓
20	60.9	✓
30	58.8	✓
40	56.0	✓
50	54.8	✓
60	53.0	✓
70	50.4	✓
80	48.4	✓
90	46.0	✓
5500	42.4	✓
10	39.3	✓
20	35.9	✓
30	33.3	✓
40	29.9	✓
50	27.0	✓

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E.

Elev.

5560	623.0	✓	
70	18.7	✓	
80	14.2	✓	
90	08.4	✓	
5600	04.9	✓	
10	01.9	✓	
20	597.6	✓	
30	96.1	✓	
40	95.2	✓	
50	94.2	✓	
60	92.4	✓	
70	89.5	✓	
80	88.9	✓	
90	86.8	✓	
5700	92.4 92.5	✓	92.5 ok.
10	95.8	✓	
20	96.4	✓	
30	97.5	✓	
40	97.5	✓	
50	98.1	✓	
60	98.5	✓	

Outlets Dam

BEM-PII P-4

9/13/34.
 The following notes
 book of Notes
 Dam x Sec (1-20)
 checked by
 J. J. [unclear]

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DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or abutment
take 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
of table in same row and column gives distance

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.

