W
428

LEVEL BOOK
373 A

KEUFFEL & ESSER CO.

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.

NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

Tables for Excavations and Embankments.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.

FOR SINGLE TRACK EXCAVATION.

"*Copyright, 1895, by Keuffel & Esser Co.*"

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

428

MICROFILMED

JAN 12 1965

Chocolate Creek Area

Silt Deposit X-sections

Survey by contractors eng. crew

Notes for city by P.O.G.

INDEX

Co-ordinates of Siphon & Telephone line

E	N
9820	2369
9880	2361
10080	2335
10260	2337
10400	2342
10500	2355
10860	2355

MICROFILMED

	0.63	608.08		607.45	B.M.
Level	6.45	603.60	10.93	597.15	
			7.33	596.27	
Transit	7.50	614.95		607.45	B.M.
		N2510			
		603.60			
E9730			5.0	598.6	
20			5.1	98.5	
10			4.9	98.7	
9700			5.1	98.5	
690			6.4	97.2	
80			9.6	94.0	
70			12.3	91.3	
60			13.0	90.6	
		N2500			
9680			12.1	91.5	
90			7.7	95.9	
9700			5.4	98.2	
10			4.9	98.7	
20			4.8	98.8	

beginning of work Feb. 5 -33

Clavert T

Wade R9

P.O.G Notes

Copied Feb. 12-33 in contractor's office

2-5-33

N2500

603.60

E9730	4.8	598.8
40	4.4	99.2
50	4.7	98.9
60	4.7	98.9
70	4.5	99.1
80	4.7	98.9
90	4.8	98.8
9800	4.4	99.2
10	4.7	98.9
20	4.5	99.1
30	4.4	99.2
40	2.2	601.4
50	0.3	03.3
60	0.4	03.2

61495

70	11.4	03.5
80	11.5	03.4
90	12.6	02.3
9900	13.8	01.1

N2500

614.95

2-5-33

(3)

9910		12.6	602.3
20		12.3	02.6
30		11.7	03.2
40		10.9	04.0
50		10.5	04.4
60		10.6	04.3
70		10.5	04.4
80		10.4	04.5
90		10.0	04.9
10000		10.0	04.9
010		9.8	05.1
20		9.9	05.0
30		9.7	05.2
40		9.2	05.7
50		8.6	06.3
60		7.0	07.9
70		3.9	11.0
80		1.2	13.7

NZ490

614.95

2-5-83

(1)

E10080		1.4	613.5
70		4.4	10.5
60		7.0	07.9
50		8.4	06.5
40		9.1	05.8
30		9.4	05.5
20		9.8	05.1
10		9.9	05.0
10000		9.6	05.3
990		9.6	05.3
80		9.9	05.0
70		9.8	05.1
60		10.3	04.6
50		9.7	05.2
40		10.4	04.5
30		11.2	03.7
20		12.2	02.7
10		13.0	02.0
9900		13.0	02.1

2-5-33

	N2490 614.95		
E9890		12.1	602.8
80		11.2	03.7
70	60360	0.2	03.4
60		0.1	03.5
50		0.0	03.6
40		2.2	01.4
30		4.4	99.2
20		4.3	99.3
10		4.4	99.2
9800		3.9	600.7
790		4.6	599.0
80		4.5	99.1
70		4.4	99.2
60		4.5	99.1
50		4.6	99.0
40		4.5	99.1
30		4.6	09.0
20		4.9	08.7
10		5.6	98.0

2-5-73

N2490
603.60

E9700	7.0	596.6
690	11.6	92.0
80	12.4	91.2
N2480		
9680	12.5	91.1
90	12.3	91.3
9700	8.8	94.8
10	5.8	97.8
20	5.4	98.2
30	5.0	98.6
40	4.5	99.1
50	4.4	99.2
60	4.5	99.1
70	4.4	99.2
80	4.6	99.0
90	4.7	98.9
9800	4.5	99.1
10	4.5	99.1
20	4.6	99.0

N2480

603.60 ✓

E9830	4A	599.2
40	1.4	602.2
614.95 ✓		
50	11.2	03.7
60	11.2	03.7
70	11.4	03.5
80	11.6	03.3
90	11.8	03.1
9900	12.6	02.3
10	12.7	02.2
20	12.5	02.4
30	11.9	03.0
40	11.0	04.0
50	10.4	04.5
60	9.8	05.1
70	9.3	05.6
80	9.2	05.7
90	9.3	05.6
10.000	9.5	05.4
10	9.6	05.3

2-5-32

(7)

N2480
6149.95

E10020	9.5	05.4
30	9.4	05.5
40	8.9	06.0
50	8.2	06.7
60	7.1	07.8
70	4.7	10.2
80	1.8	13.1

N2470

10080	2.2	12.7
70	5.1	09.8
60	7.7	07.2
50	7.7	07.2
40	9.0	6.0
30	9.4	05.5
20	9.5	05.4
10	9.8	05.1
10000	9.4	05.5
990	9.4	05.5
80	9.6	05.3

2-5-33

(8)

NZ470

614.95

E9970		9.5	605.4
60		9.9	05.0
50		10.5	04.4
40		11.1	03.8
30		11.9	03.0
20		12.2	02.7
10		12.4	02.5
9900		12.3	02.6
890		12.0	03.0
80		11.4	03.5
70		11.1	03.8
60		11.2	03.7
50		10.9	04.0
40		12.3	02.6
	603.60		
30		4.4	99.2
20		4.4	99.2
10		4.5	99.1
9800		4.5	99.1
790		4.4	99.2

2-5-33

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N2470

603.60 ✓

E9780	4.6	99.0
70	4.4	99.2
60	4.5	99.1
50	4.5	99.1
40	4.9	98.7
30	5.5	98.1
20	5.8	97.8
10	6.2	97.4
9700	10.9	92.7
690	13.0	90.6
80	13.5	90.1

N2460

9680	13.6	90.0
90	12.6	91.0
9700	12.3	91.3
10	9.0	94.6
20	5.5	98.1
30	5.8	97.8
40	5.4	98.2

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N 2460

603.60

E9750		4.8	598.8
60		4.4	99.2
70		4.4	99.2
80		4.3	99.3
90		4.2	994
9800		4.3	99.3
10		4.4	99.2
20		4.3	99.3
30		4.0	99.6
40		0.0	03.6
	614.95		
50		10.6	04.3
60		10.7	04.2
70		10.9	04.0
80		11.0	03.9
9900		12.3	02.6
10		12.3	02.6
20		12.1	02.8
30		12.0	030

2-5-33

N2460

614.95

E E9940	11.2	03.7
50	10.6	04.3
60	10.1	04.8
70	9.6	05.3
80	9.3	05.6
90	9.3	05.6
10000	9.4	05.5
10	9.5	05.4
20	9.7	05.2
30	9.6	05.3
40	8.9	06.0
50	7.9	07.0
60	7.6	07.3
70	6.4	08.5
80	2.6	12.3

N2450

E10080	4.7	10.2
70	6.5	08.4
60	8.1	06.8

N 2450

614.95 ✓

Z-5-33

E10050	9.0	606.0
40	9.4	05.5
30	9.6	05.3
20	9.6	05.3
10	9.5	05.4
10000	9.5	05.4
990	9.4	05.5
80	9.4	05.5
70	9.3	05.6
60	10.2	04.7
50	10.9	04.0
40	11.6	03.3
30	11.7	03.2
20	12.0	03.0
10	12.1	02.8
9900	11.9	03.0
890	11.3	03.6
80	10.6	04.3
70	10.2	04.7

N2450

614.95

2-5-33

E9860		10.0	605.0
50		10.0	605.0
40		11.2	03.7
30	603.60	3.8	99.8
20		4.4	99.2
10		4.3	99.3
9800		4.3	99.3
790		4.0	99.6
80		4.1	99.5
70		4.4	99.2
60		4.7	98.9
50		5.0	98.6
40		5.6	98.0
30		6.7	96.9
20		7.6	96.0
10		11.5	92.1
9700		12.0	91.6
690		12.9	90.7
80		13.9	89.7

N 2440

603.60

2-5-33

E9680		11.6	592.0
90		12.1	91.5
9700		11.8	91.8
10		11.1	92.5
20		10.0	93.6
30		7.0	96.6
40		4.5	99.1
50		5.9	97.7
60		5.0	98.6
70		4.9	98.7
80		4.5	99.1
90		4.0	99.6
9800		4.2	99.4
10		4.3	99.3
20		4.6	99.0
30		3.7	99.9
40	614.95	11.2	03.7
50		9.8	05.1
60		9.7	05.2

N2440

614.95

2-5-33

E9870	9.8	605.1
80	10.4	04.5
90	10.8	04.1
9900	11.7	03.2
10	12.0	02.9
20	11.9	03.0
30	11.9	03.0
40	11.8	03.1
50	11.2	03.7
60	10.6	04.3
70	10.0	05.0
80	9.6	05.3
90	9.6	05.3
10 000	9.4	05.5
010	9.7	05.2
20	9.6	05.3
30	9.3	05.6
40	9.5	05.4
50	9.1	05.8

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N2440

614.95

E10060	8.3	606.6
70	6.7	08.2
80	5.0	10.0

N2430

10080	4.4	10.5
70	7.2	07.7
60	8.3	06.6
50	8.9	06.0
40	9.3	05.6
30	9.6	05.3
20	9.5	05.4
10	9.3	05.6
10000	9.5	05.4
9990	9.5	05.4
80	9.7	05.2
70	10.2	04.7
60	10.8	04.1
50	11.4	03.5
40	11.6	03.3

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K2430

614.95 ✓

E 9930		11.6	03.3
20		11.7	03.2
10		11.0	04.0
9900		10.7	04.2
890		10.4	04.5
80		9.7	05.2
70		9.6	05.3
60		9.5	05.4
50		9.6	05.3
40	✓	11.0	04.0
30	603.60	3.5	00.1
20		3.4	00.2
10		4.4	99.2
9800		4.0	99.6
790		4.2	99.4
80		4.8	98.8
70		5.2	98.4
60		5.7	97.9
50		5.4	98.2

N 2430

603.60

E9740	4.6	599.0
30	6.6	97.0
20	11.5	92.1
10	12.0	91.6
9700	11.1	92.5
690	11.3	92.3
80	11.7	91.9

N 2420

9680	11.8	91.8
90	11.3	92.3
9700	11.3	92.3
10	11.6	92.0
20	12.0	91.6
30	9.0	94.6
40	4.4	99.2
50	5.0	98.6
60	5.4	98.2
70	5.0	98.6
80	5.1	98.5

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N 2420

603.60

E9790	4.5	599.1
9800	4.3	99.3
10	4.0	99.6
20	4.3	99.3
30	3.4	00.2
L1495		
40	11.0	04.0
50	9.6	05.3
60	9.4	05.5
70	9.3	05.6
80	9.7	05.2
90	9.9	05.0
9900	10.3	04.6
10	10.8	04.1
20	11.2	03.7
30	11.4	03.5
40	11.3	03.6
50	11.2	03.7
60	11.1	03.8
70	10.4	04.5

2-5-33

		N 2420			
		614.95 ✓			
E 9980			9.9	605.0	
90			9.6	05.3	
10 000			9.7	05.2	
10			9.4	05.5	
20			9.0	06.0	
30			9.6	05.3	
40			9.1	05.8	
50			8.8	06.1	
60			8.2	06.7	
70			7.0	08.0	
80			5.5	09.4	
		N 2410			
				607.45	BM
	2.18	609.63 ✓			
9750			11.6	98.5	
60			11.1	98.5	
70			11.1	98.5	
80			10.8	98.8	
90			10.6	99.0	

NZ410

609.63

2-5-33

(22)

E9800		10.4	99.2
10		10.4	99.2
20		10.1	99.5
30		9.0	600.6
40		5.3	04.3
50		3.7	05.9
60		3.8	05.8
70		3.9	05.7
80		4.1	05.5
90		4.2	05.4
9900		4.3	05.3
10		4.8	04.8
20		5.0	04.6
30		5.0	04.6
40		5.1	04.5
50		5.4	04.2
60		5.6	04.0
70		5.1	04.5
80		4.7	04.9

2-5-33

	N2410		
	609.63		
E9990		4.2	605.4
10000		4.2	05.4
.10		4.0	05.6
20		4.1	05.5
30		4.1	05.5
40		3.7	05.9
50		3.4	06.2
60		2.8	06.8
70		2.0	07.6
80		0.8	08.8
	N2400		
10080		1.2	08.4
70		2.1	07.5
60		2.8	06.8
50		3.4	06.2
40		3.7	05.9
30		4.0	05.6
20		4.0	05.6
10		4.0	05.6

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N 2400

609.63

E 10000		4.0	605.6
990		4.3	05.3
80		4.6	05.0
70		5.1	04.5
60		5.3	04.3
50		5.0	04.6
40		4.7	04.9
30		4.5	05.1
20		4.3	05.3
10		4.3	05.3
9900		4.0	05.6
890		4.0	05.6
80		4.0	05.6
70		3.9	05.7
60		3.7	05.9
50		3.6	06.0
40		5.1	04.5
30		8.8	600.8
20		10.2	599.4

2-5-33

N2400

609.63

E 9810		11.0	S 98.6
9800		10.9	98.7
790		10.7	98.9
80		11.0	98.6
70		10.7	98.9
60		10.3	99.3
50		11.5	98.1
	N2390		
9750		14.2	95.4
60		10.5	99.1
70		10.7	98.9
80		10.9	98.7
90		10.6	99.0
9800		10.8	98.8
10		10.7	98.9
20		10.3	S 99.6
30		9.2	600.4
40		5.7	03.9
50		3.5	06.1

N2390

609.63

2-5-33

E9860	3.7	6 05.9
70	3.6	06.0
80	3.9	05.7
90	3.9	05.7
9900	3.9	05.7
10	3.9	05.7
20	4.0	05.6
30	4.0	05.6
40	4.5	05.1
50	4.7	04.9
60	5.0	04.6
70	4.6	05.0
80	4.7	04.9
90	4.4	05.2
10 000	4.1	05.5
10	4.0	05.6
20	4.0	05.6
30	3.9	05.7
40	3.6	06.0

2-5-33

N2390

609.63

E 10050	3.4	606.2
60	2.9	06.7
70	2.2	07.4
80	1.3	08.3
N2380		
10080	1.5	08.1
70	2.5	07.1
60	2.9	06.7
50	3.3	06.3
40	3.6	06.0
30	3.8	05.8
20	3.8	05.8
10	3.7	05.9
10000	3.9	05.7
990	4.2	05.4
80	4.2	05.4
70	4.6	05.0
60	4.7	04.9
50	3.9	05.7

N2380

609.63

2-5-37

E9940		3.9	605.7
30		3.8	05.8
20		3.7	05.9
10		3.7	05.9
9900		3.7	05.9
890		3.7	05.9
80		3.7	05.9
70		3.5	06.1
60		3.6	06.0
50		3.5	06.1
40		5.9	03.7
30		8.9	600.7
20		10.0	599.6
10		9.9	99.7
9800		10.2	99.4
790		10.5	99.1
80		10.4	99.2
70		10.4	99.2
60		10.5	99.1

N2370

609.63'

2-5-33

E9760	11.4	98.2
70	10.5	99.1
80	10.1	99.5
90	9.9	99.7
9800	9.9	99.7
10	9.0	00.6
20	8.6	01.0
30	7.8	01.8
40	6.2	03.4
50	3.6	06.0
60	3.5	06.1
70	3.4	06.2
80	3.4	06.2
90	3.6	06.0
9900	3.6	06.0
10	3.6	06.0
20	3.5	06.1
30	3.6	06.0
40	3.5	06.1

N2370

609.63

2-5-33

E 9950	3.7	6.05.9
60	4.2	05.4
70	4.4	05.2
80	3.8	05.8
90	3.8	05.8
10 000	3.7	05.9
10	3.6	06.0
20	3.7	05.9
30	3.5	06.1
40	3.4	06.2
50	3.1	06.5
60	3.0	06.6
70	2.5	07.1
80	1.7	07.9

End of work Feb. 5 - 1933

Field work by contractors eng. crew

copied by R.O.E. Feb. 13-'33

	2560		
	646.63 ✓		
E10270		5.3	41.3
80		6.5	40.1
90		8.3	38.3
10300		10.2	36.4
10	✓	11.6	35.0
	634.81		
20		1.0	33.8
30		2.7	32.1
40		3.7	31.1
50		5.2	29.6
60		6.3	28.5
70		7.4	27.4
80		8.4	26.4
90		9.4	25.4
10400		10.8	24.0
10		11.9	22.9
20		12.0	22.8
30		12.6	22.2
40		13.2	21.6
50		13.7	21.1

Feb. 13-33

contin. from Book 427 P- 79

R.O.G Notes
Clavert π
Wade Rd

2-13-33

N2560

634.81 ✓

E E10460		13.7	621.1
70		14.0	20.8
80		14.1	20.7
90		13.7	21.1
10500		13.8	21.0
	N2550		
10500		13.4	21.4
490		13.5	21.3
80		13.7	21.1
70		13.7	21.1
60		13.5	21.3
50		13.5	21.3
40		13.4	21.4
30		13.0	21.8
20		12.4	22.4
10		12.0	24.8
10400		11.4	23.4
390		10.2	24.6
80		9.3	25.5

2-13-3.3

	N2550		
	634.81 ✓		
E10370		8.1	26.7
60		7.0	27.8
50		6.0	28.8
40		4.8	30.0
30		3.2	31.6
20		1.7	33.1
10		0.5	34.3
	646.63 ✓		
10300		10.8	35.8
290		8.9	37.7
80		7.1	39.5
70		6.0	40.6
	N2540		
10270		6.8	39.8
80		8.5	38.1
90		10.2	36.4
10300		12.1	34.5
	634.81 ✓		
10		1.3	33.5
20		2.8	32.0
30		4.3	30.5

N2540

634.81 ✓

2-13-33

E10340	5.5	29.3
50	6.6	28.2
60	7.6	27.2
70	8.8	26.0
80	9.7	27.1
90	10.8	24.0
10400	11.8	23.0
10	12.2	22.6
20	12.9	21.9
30	13.3	21.5
40	13.4	21.4
50	13.4	21.4
60	13.4	21.4
70	13.5	21.3
80	13.3	21.5
90	13.1	21.7
10500	13.0	21.8

N 2530

634.81

2-13-33

E10500	12.8	22.0
490	13.1	21.7
80	13.2	21.6
70	13.3	21.5
60	13.3	21.5
50	13.1	21.7
40	13.3	21.5
30	13.3	21.5
20	12.8	22.0
10	12.3	22.5
10400	11.8	23.0
390	11.6	23.2
80	10.6	24.2
70	9.5	25.3
60	8.3	26.5
50	7.2	27.6
40	6.3	28.5
30	4.9	29.9
20	3.6	31.2

2-13-33

	N 2530		
	634.81 ✓		
E 10310		2.1	32.7
10300		0.7	34.1
	646.63 ✓		
290		10.7	35.9
80		8.8	37.8
70		7.5	39.1
	N 2520		
10270		8.4	38.2
80		10.1	36.5
90		11.9	34.7
	634.81 ✓		
10300		1.7	33.1
10		3.5	31.3
20		4.7	30.1
30		6.0	28.8
40		7.1	27.7
50		7.9	26.9
60		8.9	25.9
70		10.1	24.7
80		11.2	23.6
90		11.5	23.3

2-13-33

N2520

634.81'

E 10400	12.3	22.5
10	12.6	22.2
20	13.1	21.7
30	13.3	21.5
40	13.1	21.7
50	13.2	21.6
60	13.1	21.7
70	13.0	21.8
80	13.1	21.7
90	12.7	22.1
10500	12.0	22.8

N2510

10500	
490	
80	
70	
60	
50	
40	

End of work Feb. 13-33

P.O.G. Notes
Clarcet ↑
Wade Rd

N2510

Feb. 14-33

beginning of work

P.O.G. Notes

Clavert ↑

Wade Rd

	3.08	637.76		634.68	TP by Clavert
E10.500			14.4	23.4	
490			14.9	22.9	
80			15.5	22.3	
70			15.5	22.3	
60			15.4	22.4	
50			15.4	22.4	
40			15.6	22.2	
30			15.8	22.0	
20			15.9	21.9	
10			15.6	22.2	
10.400			15.2	22.6	
390			15.0	22.8	
80			14.2	23.6	
70			13.9	24.9	
60			12.8	25.0	
50			11.7	26.1	
40			10.7	27.1	
30			9.8	28.0	

7-14-33

	N 2510		
	637.76		
E 10 320		8.1	29.7
10		6.4	31.4
10 300		4.8	33.0
290		3.1	34.7
80		1.3	36.5
70		0.1	37.7
	N 2500		
10 270		1.3	36.5
80		2.8	35.0
90		4.1	33.7
10 300		5.7	32.1
10		7.2	30.6
20		8.8	29.0
30		10.3	27.5
40		11.3	26.5
50		12.3	25.5
60		13.4	24.4
70		14.2	23.6
80		14.6	23.2

2-14-33

N2500

637.76

E10390	15.4	22.4
10400	15.5	22.3
10	15.9	21.9
20	15.8	22.0
30	15.7	22.1
40	15.3	22.5
50	15.4	22.4
60	15.3	22.5
70	14.9	22.9
80	14.8	23.0
90	14.3	23.5
10500	13.8	24.0
N2490		
10500	13.6	24.2
490	13.8	24.0
80	14.5	23.3
70	15.0	22.8
60	15.1	22.7
50	15.5	22.3

N2490

637.76'

2-14-33

E10440	15.3	22.5
30	15.4	22.4
20	15.6	22.2
10	16.0	21.8
10400	15.6	22.2
390	15.4	22.4
80	15.3	22.5
70	14.5	23.3
60	14.2	23.6
50	13.2	24.6
40	12.1	25.7
30	11.2	26.6
20	10.0	27.8
10	8.1	29.7
10300	6.0	31.8
290	4.9	32.9
80	3.4	34.4
70	2.0	35.8

N 2480
63776 ✓

2-14-73

E10470		3.0	34.5
80		4.3	33.5
90		5.4	32.4
10300		7.1	30.7
10		9.0	28.8
20		10.5	27.3
30		11.7	26.1
40		12.6	25.2
50		13.6	24.2
60		14.2	23.6
70		15.0	22.8
80		15.4	22.4
90		15.5	22.3
10400		15.7	22.1
10		15.8	22.0
20		15.9	21.9
30		15.4	22.4
40		15.7	22.1
50		15.7	22.1

2-14-33

N2480

637.76 ✓

E10460	15.3	22.5
70	14.8	23.0
80	14.2	23.6
90	14.0	23.8
10500	13.6	24.2

N2470

10500	12.4	25.4
490	13.2	24.6
80	14.1	23.7
70	14.6	23.2
60	15.0	22.8
50	15.4	22.4
40	15.5	22.3
30	15.4	22.4
20	15.3	22.5
10	15.4	22.4
10400	15.6	22.2
390	15.5	22.3
80	15.6	22.2

2-14-33

N2470

637.76 ✓

E10370	15.3	22.5
60	14.9	22.9
50	13.9	23.9
40	13.4	24.4
30	12.6	25.2
20	11.5	26.3
10	10.0	27.8
10300	8.5	29.3
290	6.6	31.2
80	5.6	32.2
70	4.5	33.3

N2460

10270	5.7	32.1
80	6.8	31.0
90	7.9	29.9
10300	9.4	28.4
10	10.9	26.9
20	12.0	25.8
30	13.1	24.7

NZ460
637.76

2-14-33

E10340	13.8	24.0
50	14.3	23.5
60	15.3	22.5
70	15.5	22.3
80	15.6	22.2
90	15.5	22.3
10400	15.8	22.0
10	15.5	22.3
20	15.0	22.8
30	15.3	22.5
40	15.1	22.7
50	14.9	22.9
60	14.6	23.2
70	13.9	23.9
80	13.0	24.8
90	12.5	25.3
10500	11.8	26.0

N2450
637.76

2-14-83

E10500	10.9	26.9
490	11.8	26.0
80	12.4	25.4
70	13.2	24.6
60	14.0	23.8
50	14.5	23.3
40	15.1	22.7
30	15.2	22.6
20	15.3	22.5
10	15.2	22.6
10400	15.4	22.4
390	15.5	22.3
80	15.4	22.4
70	15.6	22.2
60	15.2	22.6
50	14.8	23.0
40	14.0	23.8
30	13.5	24.3
20	12.5	25.3

2-14-83

N 2450

637.76

E 10310		11.0	26.8
10300		9.8	28.0
290		8.6	29.2
80		7.2	30.6
70		6.1	31.7
	N 2440		
10270		7.4	30.4
80		8.4	29.4
90		9.6	28.2
10300		10.8	27.0
10		11.8	26.0
20		13.0	24.8
30		13.8	24.0
40		14.4	23.4
50		14.9	22.9
60		15.3	22.5
70		15.4	22.4
80		15.2	22.6
90		15.3	22.5

Z-14-33

N2440

637.76

E10400	15.1	22.7
10	15.0	22.8
20	15.0	22.8
30	14.9	22.9
40	14.2	23.6
50	13.5	24.3
60	13.2	24.6
70	12.3	25.5
80	11.6	26.2
90	10.9	26.9
10500	9.7	28.1

N2430

10500	8.5	29.3
490	9.5	28.3
80	10.7	27.1
70	11.5	26.3
60	12.4	25.4
50	13.0	24.8
40	14.0	23.8

N2430
637.76

2-14-33

E10430	14.5	23.3
20	14.8	23.0
10	14.8	23.0
10400	15.0	22.8
390	15.3	22.5
80	15.4	22.4
70	15.3	22.5
60	15.5	22.3
50	15.3	22.5
40	14.8	23.0
30	13.8	24.0
20	13.2	24.6
10	12.1	25.7
10300	11.1	26.7
290	10.1	27.7
80	9.0	28.8
70	8.1	29.7

N 2420
637.76

E10270		9.4	28.4
80		10.4	27.4
90		11.4	26.4
10300		12.3	25.5
10		13.1	24.7
20		13.8	24.0
30		14.7	23.1
40		15.1	22.7
50		15.5	22.3
60		15.5	22.3
70		15.3	22.5
80		15.3	22.5
90		15.0	22.8
10400		14.4	23.4
10		14.5	23.3
20		14.6	23.2
30		14.3	23.5
40		13.5	24.3
50		12.7	25.1

2-14-30

2-14-23

N 2420

63776 ✓

E10460	11.8	26.0
70	11.0	26.8
80	10.1	27.7
90	8.4	29.4
10500	7.2	30.6

N 2410

10500	5.7	32.1
490	7.5	30.3
80	8.8	29.0
70	10.3	27.5
60	11.0	26.8
50	12.0	25.8
40	12.9	24.9
30	13.6	24.2
20	14.3	23.5
10	14.3	23.5
10400	14.4	23.4
390	15.0	22.8
80	15.2	22.6

2-14-33

N 2410

637.76

E10370	15.0	22.8
60	15.3	22.8
50	15.5	22.3
40	15.4	22.4
30	14.7	23.1
20	13.9	23.9
10	13.6	24.2
10300	13.0	24.8
290	11.9	25.9
80	10.9	26.9
70	10.1	27.7

N 2400

10270	11.0	26.8
80	12.0	25.8
90	13.0	24.8
10300	13.7	24.1
10	14.1	23.7
20	15.0	24.8
30	15.0	22.8

N2400
637.76

2-14-33

53

E10340	15.2	22.6
50	15.3	22.5
60	15.1	22.7
70	15.2	22.6
80	15.3	22.5
90	15.0	22.8
10400	14.4	23.4
10	14.0	23.8
20	13.7	24.1
30	13.2	24.6
40	12.2	25.6
50	10.9	26.9
60	10.3	27.5
70	9.4	28.4
80	7.6	30.2
90	6.1	31.9
10500	4.2	33.6

2-14-33

N2390

637.76 ✓

E10500	2.7	35.1
490	4.6	33.2
80	6.4	31.4
70	8.0	29.8
60	9.3	28.5
50	9.9	27.9
40	11.3	26.5
30	12.4	25.4
20	13.0	24.8
10	13.3	24.5

N2380

10410	12.8	25.0
20	12.4	25.4
30	11.8	26.0
40	10.1	27.7
50	9.3	28.5
60	8.1	29.7
70	6.5	31.3
80	4.4	33.4

2-14-33

		N2380		
		637.76		
E10490			2.6	35.2
10500			0.9	36.9
		N2370		
10500			+0.4	38.2
490			0.8	37.0
80			2.7	35.1
70			5.0	32.8
60			7.1	30.7
50			8.4	29.4
40			9.6	28.2
30			10.6	27.2
20			11.6	26.2
10			12.4	25.4
		N2360		
Transit	11.07	648.77	0.06	637.70 T.P.
10500			9.3	39.5
490			10.7	38.1
		637.76		
80			1.6	36.2
70			3.7	34.1

2-14-33

N2360

637.76 ✓

E10460	5.6	32.2
50	7.5	30.3
40	9.3	28.5
30	10.0	27.8
20	11.3	26.5
10	12.1	25.7

N2350

10410	11.4	26.4
20	10.2	27.6
30	9.4	28.4
40	8.0	29.8
50	5.6	32.2
60	3.5	34.3
70	1.4	36.4
648.77 ✓		
80	10.7	38.1
90	8.9	39.9
10500	7.3	41.5

2-14-33

N2340
648.77 ✓

E10500	6.9	41.9
490	7.6	41.2
80	9.4	39.4
70	11.5	37.3
637.76 ✓		
60	2.4	35.4
50	4.3	33.5
40	6.1	31.7
30	7.7	30.1
20	9.1	28.7
10	10.4	27.4

N2330

10410	10.0	27.8
20	8.9	28.9
30	7.3	30.5
40	5.5	32.3
50	3.4	34.4
60	1.3	36.5
648.77 ✓		
70	10.3	38.5
80	8.1	40.7

2-14-33

N 2330

648.77 ✓

E 10490	6.3	42.5
10500	4.7	44.1

N 2320

10500	3.2	45.6
490	5.3	43.4
80	7.2	41.6
70	9.0	39.8
60	11.1	37.7

637.76 ✓

50	2.0	35.8
40	3.9	33.9
30	6.0	31.8
20	7.7	30.1
10	9.1	28.7

N 2310

10410	8.7	29.1
20	7.1	30.7
30	5.4	32.4
40	2.9	34.9
50	0.5	37.3

2-14-33

	N2310		
	648.77 ✓		
E10460		9.7	39.1
70		7.6	41.2
80		5.6	43.2
90		3.7	45.1
10500		2.1	46.7
	N2300		
10500		0.5	48.3
490		2.3	46.4
80		4.4	44.4
70		6.4	42.4
60		8.3	40.5
50	✓	10.4	38.4
	637.76		
40		1.4	36.4
30		3.5	34.3
20		5.3	32.5
10		7.1	30.7
	N2290		
10410		7.0	30.8
20		4.7	33.1

2-14-33

N 2290
637.76 ✓

E 10430		2.8	35.0
40		0.6	37.2
	✓ C48.77		
50		9.5	39.3
60		7.3	41.5
70		5.2	43.6
80		3.1	45.7
90		1.0	47.8
10500		+0.7	49.5
	N 2280		
10500		+1.5	50.3
490		0.0	48.8
80		2.1	46.7
70		4.0	44.8
60		5.8	43.0
50		8.2	40.6
40		10.2	38.6
30		12.3	36.5
	✓ 637.76		
20		3.0	34.8
10		5.2	32.6

2-14-33

	N 2270		
	637.76 ✓		
E 10410		4.9	32.9
20		2.8	35.0
30		0.5	37.3
	648.77 ✓		
40		9.5	39.3
50		7.2	41.6
60		5.0	43.8
70		2.9	45.9
80		0.7	48.1
90		1.0	47.8
10500		2.9	45.9
	N 2260		
10500		+3.8	52.6
490		+1.8	50.6
80		0.1	48.7
70		2.1	46.7
60		4.3	44.5
50		6.5	42.3
40		8.4	40.4
30		10.5	38.3

N 2260
648.27

E10420		12.8	36.0
10		15.1	33.7

2-14-33

End of Work Feb. 14-33

P.O.G Notes
Clavert Pk
Wade Rd

N3050

619.98 TP by Clavert

11.26 631.24

Beginning of work Feb. 18-33

P.O.G. Notes
Clavert ↑
Wade Rd

E10900		7.9	23.3
690		7.6	23.6
80		7.6	23.6
70		7.1	24.1
60		7.6	23.6
50		8.4	22.8
40		9.2	22.0
30		9.6	22.6
20		10.0	21.2
10		11.3	19.9
10800		12.3	18.9
790		12.2	19.0
80		11.9	19.3
70		11.6	19.6
60		11.4	19.8
50		11.7	19.5
40		12.2	19.0
30		12.3	18.9
20		14.3	16.9
10		14.3	16.9

N 3040

631.24'

2-18-33

E10710	15.2	16.0
20	12.8	18.4
30	12.5	18.7
40	12.7	19.0
50	11.7	19.5
60	11.4	19.8
70	11.2	20.0
80	10.9	20.3
90	11.1	20.1
10800	11.2	20.0
10	11.2	20.0
20	10.6	20.6
30	9.6	21.6
40	8.9	22.3
50	8.2	23.0
60	7.3	23.9
70	6.6	24.6
80	6.2	25.0
90	6.2	25.0
10900	6.4	24.8

N 3030

C31.24 ✓

2-18-33

E10710	12.9	18.3
20	12.8	18.4
30	12.4	18.8
40	11.6	19.6
50	10.8	20.4
60	10.6	20.6
70	10.3	20.9
80	10.2	21.0
90	10.3	20.9
10800	10.2	21.0
10	10.0	21.2
20	9.7	21.5
30	9.0	22.2
40	8.2	23.0
50	7.3	23.9
60	6.3	24.9
70	5.9	25.3
80	5.5	25.7
90	5.5	25.7
10900	5.3	25.9

N3020

631.24 ✓

E10710	13.0	18.2
20	12.3	18.9
30	12.0	19.2
40	11.3	19.9
50	10.6	20.6
60	10.1	21.1
70	9.6	21.6
80	9.3	21.9
90	9.3	21.9
10800	9.1	22.1
10	8.9	22.3
20	8.9	22.3
30	8.9	22.3
40	8.4	22.8
50	7.3	23.9
60	6.3	24.9
70	5.5	25.7
80	5.2	26.0
90	5.1	26.1
10900	4.6	26.6

N3010

631.24

E10710	13.0	18.2
20	11.8	19.4
30	11.3	19.9
40	10.7	20.5
50	10.2	21.0
60	9.7	21.5
70	9.2	22.0
80	8.8	22.4
90	8.6	22.6
10800	8.4	22.8
10	8.1	23.1
20	8.2	23.0
30	8.0	23.2
40	7.9	23.3
50	7.2	24.0
60	6.1	25.1
70	5.4	25.8
80	4.9	26.2
90	4.6	26.6
10900	4.2	27.0

N3060

631.24

E10710	14.5	16.7
20	12.7	18.5
30	11.6	19.6
40	10.6	20.6
50	9.7	21.5
60	9.1	22.1
70	8.6	22.6
80	8.4	22.8
90	8.2	23.0
10800	7.7	23.5
10	7.5	23.7
20	7.4	23.8
30	7.1	24.1
40	7.0	24.2
50	6.6	24.6
60	6.0	25.2
70	5.4	25.8
80	4.8	26.4
90	4.2	27.0
10900	3.6	27.7

N 2990

631.24

E10710	14.5	16.7
20	13.9	17.3
30	13.2	18.0
40	12.3	18.9
50	10.4	20.8
60	9.2	22.0
70	8.4	22.8
80	7.7	23.5
90	7.3	23.9
10800	6.8	24.4
10	6.7	24.5
20	6.4	24.8
30	6.1	25.1
40	5.8	25.4
50	5.5	25.7
60	5.3	25.9
70	5.0	26.2
80	4.4	26.8
90	3.8	27.4
10900	3.1	28.1

N 29 80

6 31 24

E 10710	14.2	17.0
20	13.5	17.7
30	12.9	18.3
40	12.7	18.5
50	12.0	19.2
60	11.7	19.5
70	8.5	22.7
80	7.6	23.6
90	7.0	24.2
10 800	6.5	24.7
10	6.0	25.2
20	5.7	25.5
30	5.3	25.9
40	4.9	26.3
50	4.5	26.7
60	4.4	26.8
70	4.2	27.0
80	4.0	27.2
90	3.6	27.6
10900	3.0	28.2

N2970

63124

E10710	13.0	18.2
20	13.3	17.9
30	13.0	18.2
40	12.3	17.9
50	11.9	19.3
60	11.4	19.8
70	10.5	20.7
80	7.7	23.5
90	6.6	24.6
10800	5.8	25.4
10	5.5	25.7
20	5.2	26.0
30	4.4	26.8
40	3.7	27.5
50	3.7	27.5
60	3.6	27.6
70	3.5	27.7
80	3.3	27.9
90	2.9	28.3
10900	2.4	28.8

NZ960

631.24

E10710	10.4	20.8
20	10.5	20.7
30	10.8	20.4
40	11.1	20.1
50	10.4	20.8
60	10.9	20.3
70	10.3	20.9
80	8.0	23.2
90	6.4	24.8
10800	5.7	25.5
10	5.2	26.0
20	4.7	26.5
30	4.1	27.1
40	3.6	27.6
50	2.8	28.4
60	2.7	28.5
70	2.5	28.7
80	2.4	28.8
90	2.1	29.1
10900	1.6	29.6

N2950
631.24

E10710	9.6	21.6
20	9.8	21.4
30	9.9	21.3
40	9.8	21.4
50	9.0	22.2
60	9.8	21.4
70	9.9	21.3
80	9.0	22.2
90	6.7	24.5
10800	5.6	25.6
10	5.0	26.2
20	4.7	27.0
30	3.5	27.9
40	3.2	28.0
50	2.5	28.7
60	2.1	29.1
70	1.6	29.6
80	1.1	30.1
90	1.1	30.1
10900	1.1	30.1

N2940

631.24

E10710			9.2	22.0			631.24		
20			9.3	21.9		8.04	635.47	3.81	627.43
30			9.3	21.9					
40			9.1	22.1					
50			8.6	22.6					
60			8.7	22.5					
70			9.7	21.5					
80			9.2	22.0					
90			7.3	23.9					
10800			6.0	25.2					
10			4.9	26.3					
20			4.1	27.1					
30			3.3	27.9					
40			3.0	28.2					
50			2.1	29.1					
60			1.9	29.3					
70			1.4	29.8					
80			1.0	30.2					
90			0.6	30.6					
10900			0.1	31.1					

N2930

635.47

E10710	13.0	22.5
20	13.0	22.5
30	13.0	22.5
40	12.5	23.0
50	12.5	23.0
60	12.1	23.4
70	13.0	22.5
80	12.7	22.8
90	11.7	23.8
10800	10.0	25.5
10	9.2	26.3
20	8.2	27.3
30	7.3	28.2
40	6.6	28.9
50	6.3	29.2
60	5.9	29.6
70	5.6	29.9
80	5.0	30.5
90	4.7	30.8
10900	4.1	31.4

N 2920

63547

E10710	12.7	22.8
20	12.4	23.1
30	12.2	23.3
40	12.3	23.2
50	12.2	23.3
60	11.6	23.9
70	11.1	24.4
80	11.9	23.6
90	12.0	23.5
10800	10.8	24.7
10	9.0	26.5
20	8.3	27.2
30	7.3	28.2
40	6.5	29.0
50	6.1	29.4
60	5.8	29.7
70	5.5	30.0
80	5.0	30.5
90	4.5	31.0
10900	4.0	31.5

N 2910

635.47

E 10710	12.4	23.1
20	12.0	23.5
30	11.7	23.8
40	11.6	23.9
50	11.6	23.9
60	11.4	24.1
70	10.9	24.6
80	10.2	25.3
90	9.8	25.7
10800	9.6	25.9
10	9.0	26.5
20	8.6	26.9
30	7.9	27.6
40	7.1	28.4
50	6.1	29.4
60	5.8	29.7
70	5.2	30.3
80	4.9	30.6
90	4.4	31.1
10900	4.1	31.4

N2900

635.47

E10710	12.0	23.5
20	11.5	24.0
30	11.2	24.3
40	10.9	25.6
50	10.8	24.7
60	10.7	24.8
70	10.6	24.9
80	10.3	25.2
90	9.7	25.8
10 800	9.1	26.4
10	8.5	27.0
20	7.8	27.7
30	7.1	28.4
40	6.8	28.7
50	6.8	28.7
60	5.7	29.8
70	5.0	30.5
80	4.7	30.8
90	4.3	31.2
10900	3.8	31.7

N2890

63547

E10710	11.7	23.8
20	11.1	24.4
30	10.8	24.7
40	10.4	25.1
50	10.4	25.1
60	10.1	25.4
70	9.8	25.7
80	9.8	25.7
90	9.3	26.2
10800	8.8	26.7
10	8.3	27.2
20	7.5	28.0
30	6.1	29.4
40	6.4	29.1
50	6.0	29.5
60	6.2	29.3
70	5.2	30.3
80	4.5	31.0
90	3.9	31.6
10900	3.3	32.2

continued in B 429-P 1

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.