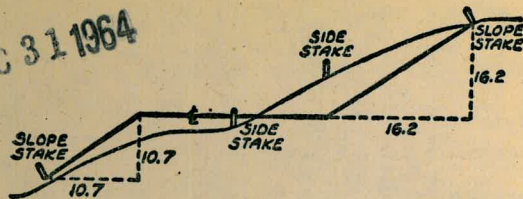


2073

TRANSIT BOOK

MICROFILMED  
 DEC 31 1964



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING  
 SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 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 from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.032	.035	.039	.043	.047	.051	.055
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.78	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

Index

Wabash Ave Left Lane Slope Stakes 2-6  
 Wabash Ave Right Lane " " 7-10  
 Wabash Ave " " 10-30

Wabash Ave. Left Lane "D" Line

Sta.	Slope	Super	Lt.			Rt.		Super	Slope
			shdr. Elev.	shdr. Width	shdr. Width	shdr. Elev.			
11+50									
11+00									
10+50									
10+00									

2

See BK 2072 Pg 24 for Preceding

Sections

"D" Line

Lt.

Rt.

Sta	slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
-----	-------	-------	----------------	----------------	----------------	----------------	-------	-------

3

13+50

13+00

12+50

12+00

"D" Line

Lt.

Rt.

4

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
------	-------	-------	-------------	-------------	-------------	-------------	-------	-------

15+50

channel

15+00 1/2:1

Daylight  
-02

14+50

channel

14+00 1/2:1

1/2:1

"D" Line

Lt.

Rt.

5

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
------	-------	-------	-------------	-------------	-------------	-------------	-------	-------

17+50

211.0

4'

213.4

$$\begin{array}{r} 9.8 \\ 9.1 \\ \hline 10.7 \\ 37.0 \end{array}$$

$$\begin{array}{r} 6.5 \\ 9.8 \\ \hline 13.3 \\ 46 \end{array}$$

17+00

1 1/2:1

210.4

4'

1' Lt.

212.8

1 1/2:1

$$\begin{array}{r} 7.1 \\ 7.1 \\ \hline 14.2 \\ 37.7 \end{array}$$

16+50

210.1

4'

212.5

$$\begin{array}{r} 7.4 \\ 7.4 \\ \hline 14.8 \\ 25.0 \end{array}$$

16+00

channel

1 1/2:1

209.8

4'

1' Lt.

212.2

1 1/2:1

$$\begin{array}{r} 7.7 \\ 7.7 \\ \hline 15.4 \\ 17.0 \end{array}$$

Left out  
in slope  
of C line

BM

12.98

217.46

207.48

on Hub  
16+50 D  
page 8

217.46

"D" Line

Lt.

Rt.

6

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
------	-------	-------	-------------	-------------	-------------	-------------	-------	-------

17+00	1 1/2:1		213.7	41'				
-------	---------	--	-------	-----	--	--	--	--

$$\begin{array}{r} 6.3 \\ 5.9 \\ \hline 12.2 \\ 49.8 \end{array}$$

$$\begin{array}{r} 3.8 \\ 6.3 \\ \hline 10.1 \\ 44.8 \end{array}$$

18+50			212.65	41'				
-------	--	--	--------	-----	--	--	--	--

$$\begin{array}{r} 4.8 \\ 2.8 \\ \hline 7.6 \\ 45.3 \end{array}$$

18+00	1 1/2:1		211.6	41'	1' Lt	214.0		1 1/2:1
-------	---------	--	-------	-----	-------	-------	--	---------

$$\begin{array}{r} 9.2 \\ 8.8 \\ \hline 18.0 \\ 51.0 \end{array}$$

$$\begin{array}{r} 5.9 \\ 9.1 \\ \hline 15.0 \\ 46.0 \end{array}$$

217.46

217.46



Wabash Ave. Right Lane "C" Line

Align FB. 1850-27

Oct 24. 50

F. J. Sisson

Garber

Rorer

Paillen

Rt.

Slope

7

Sta	Lt. Slope	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Rt. Super Slope
-----	-----------	-------------	-------------	-------------	-------------	-----------------

14+50	1 1/2:1	206.7	1' Rt	4'	206.15	1 1/2:1
-------	---------	-------	-------	----	--------	---------

Slope

10.4	3.2
10.1	10.7
0.0	F 6.9
15.4	10.2
	9.44 1/2

3.8	10.5
10.5	9.8
F 6.7	+ 0.7
5.1	56.1

14+00	1 1/2:1	205.7	1' Rt	4'	205.2	1 1/2:1
-------	---------	-------	-------	----	-------	---------

Slope

13.3	1.3
12.7	16.2
70.7	F 9.0
18.5	13.5
18.5	18.5 1/2

4.7	18.5 1/2
0.0	18.5 1/2
38.5	18.5 1/2

BM	9.51	209.91			209.90	Lt. Dir. set Wabash N. Dir.
----	------	--------	--	--	--------	--------------------------------

209.91

13+50	1 1/2:1	204.7	1' Rt.			
-------	---------	-------	--------	--	--	--

13+00				35'	204.8	1 1/2:1
-------	--	--	--	-----	-------	---------

See BK 2072 Pg 29 for Preceding Sections

"C" Line  
Lt.

Rt.

Sta. Slope Super Elev. shdr. Width shdr. Width shdr. Elev. Super Slope

TP 8.19 212.67 5.15 204.98 <sup>07 1/2</sup> 1508 POC

16+50 210.55 1' Rt. 41' 210.0 1 1/2 : 1

-0.4  
4.7  
F 6.1  
78.7  
4.7  
0.0  
53.7

16+00 1 1/2 : 1 209.6 1' Rt. 41' 209.0 1 1/2 : 1

out in  
slope of  
"D" Line

0.6  
10.4  
F 9.8  
55.7  
10.4  
-0.2  
60.7

TP 733 209.63 760 202.21 <sup>on 2 Hds</sup> 15+50.77

209.63

15+50 1 1/2 : 1 208.65 1' Rt. 41' 208.05 1 1/2 : 1

8.2  
7.3  
+0.9  
15.4

1.3  
8.9  
F 6.9  
10.4  
94.44  
8

1.9  
10.3  
F 8.1  
53.6  
10.3  
+0.7  
58.6

15+00 1 1/2 : 1 207.7 1' Rt. 41' 207.1 1 1/2 : 1

7.9  
6.5  
+1.4  
13.6

2.2  
1.9  
F 5.7  
8.6  
76.44  
8

3.8  
10.0  
F 7.2  
51.8  
10.0  
+0.4  
56.8

209.91

209.91

"C" Line

Oct 25-50

9

Sta.	Slope	Super	Lt	shdr. Elev.	shdr. Width	shdr. Width	shdr. Elev.	RT	Super	Slope
------	-------	-------	----	-------------	-------------	-------------	-------------	----	-------	-------

10+50

213.85

$$\begin{array}{r} -1.2 \\ 5.5 \\ \hline 4.3 \\ 56.7 \\ \hline 51.1 \end{array}$$

$$\begin{array}{r} 5.5 \\ 4.5 \\ \hline 1.0 \\ 56.1 \\ \hline 55.1 \end{array}$$

10+00

1 1/2:1

213.4

1' RT

41'

212.9

1 1/2:1

$$\begin{array}{r} -0.2 \\ 7.8 \\ \hline 7.6 \\ 57.2 \\ \hline 57.8 \end{array}$$

$$\begin{array}{r} 7.0 \\ 6.8 \\ \hline 0.2 \\ 57.8 \\ \hline 57.8 \end{array}$$

17+50

212.45

41'

211.95

$$\begin{array}{r} 0.7 \\ 6.3 \\ \hline 6.6 \\ 56.6 \\ \hline 49.4 \end{array}$$

$$\begin{array}{r} 6.3 \\ 6.1 \\ \hline 0.2 \\ 57.4 \\ \hline 57.4 \end{array}$$

17+00

1 1/2:1

211.5

1' RT

41'

211.0

1 1/2:1

out in  
slope of  
D. L. line

$$\begin{array}{r} 1.7 \\ 7.6 \\ \hline 6.9 \\ 56.9 \\ \hline 49.9 \end{array}$$

$$\begin{array}{r} 7.6 \\ 7.5 \\ \hline 0.1 \\ 57.9 \\ \hline 57.9 \end{array}$$

212.67

212.67

Wabash Ave.

10

Sta. Slope Super Shdr. Shdr. Shdr. Shdr. Elev. Super Slope

20+50 2174 41' 41' 217.65

4.6  
3.8  
+0.8  
49.6

2.2  
4.6  
F 3.4  
-4.6

2.0  
3.4  
F 5.4  
50.6

8.4  
9.1  
-0.7  
55.6

20+00 1 1/2:1 2162 41' 41' 216.7 1 1/2:1

5.8  
3.4  
+0.4  
49.6

3.4  
5.8  
F 3.4  
4.6

2.9  
3.0  
F 5.1  
48.7

8.0  
8.0  
-0.0  
53.7

19+72.5 End of Line 2149 41' 41' 215.7

8.4  
2.7  
+0.7  
51.6

4.7  
5.8  
F 3.7  
4.6

3.9  
3.2  
F 4.3  
47.5

8.2  
5.9  
+1.3  
52.5

TP 10.85 219.63 3.89 208.78 219.63

19+00 213.70 41' 41' 214.8 1 1/2:1

out  
1 1/2 slope 'D'

-2.1  
3.4  
F 5.5  
49.3

3.4  
+2.0  
57.3

212.67

212.67

Wabash Ave  
Lt.

Rt.

Sta. slope Super shdr. shdr. shdr. shdr. Elev. Super slope

For Check												
22+50		221.95		8.88	215.00	215.08 +18.23-20	8.6 8.3 +0.3 55.8	2.1 2.6 F6.5 50.8	2.1 2.2 F4.1 47.2	6.3 5.9 +0.3 52.2		

B.M.				5.83	218.05	07 R.P. 75 2122+10.20					
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22+00	1 1/2:1	220.6	41'	41'	220.6	1 1/2:1	9.5 9.0 +0.5 55.3	8.3 8.2 F6.2 50.3	8.3 7.8 F4.3 47.3	7.5 7.3 +0.2 52.3
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TP		10.82	223.88	6.57	213.06					223.88
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21+50	1	219.6	41'	41'	219.6		4.3 3.7 +0.6 52.5	9.0 9.3 F4.3 47.5	9.0 8.9 F4.9 48.4	4.9 5.1 +0.2 53.4
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21+00	1 1/2:1	218.6	41'	41'	218.6	1 1/2:1	3.9 3.6 +0.3 56.4	1.0 3.9 F4.9 45.4	1.0 5.2 F4.6 47.9	5.6 5.4 +0.2 52.9
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219.63

219.63

Lt.			Rt.					
Sta	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope

24+50

24+00	1 1/2:1		225.4	41'	42'	225.4		1:1
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54	0.4
53.5	0.4
53.1	0.0
53.1	48.5

0.4
0.4
0.0
48.5

TP	5.84		225.83	3.89		219.99		
----	------	--	--------	------	--	--------	--	--

23+50			224.15	41'	41'	224.15		1 1/2:1
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4.7	-0.3
5.8	4.7
10.4	4.5
52.8	47.8

-0.3	2.7
2.7	+0.9
4.5	+3.6
45.5	50.5

23+00	1 1/2:1		222.9	41'	41'	222.9		1 1/2:1
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1.5	1.0
1.5	5.3
10.3	4.3
52.5	47.5

1.0	5.7
5.7	8.1
4.7	-0.4
48.1	53.1

223.88

223.88

Lt.				Rt.				
Sta.	Slope	Super	shdr. Elev.	shdr. Width	shdr. Width	shdr. Elev.	Super	Slope
26450								
26400								
25750								
25700								

13

Lt.				Rt.				
Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope

28+50

28+00

27+50

27+00



Lt.

Rt

Sta slope Super Shdr. Shdr. Shdr. Shdr. Shdr.  
Elev Width Width Elev. Super slope

30+50

30+00

29+50

29+00

Lt.

Rt

16

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
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32+50

32+00

31+50

31+00

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
34+50								
34+00								
33+50								
33+00								

	Lt.				Rt.			
Sta	Slope	Super	Shdr. Elev.	shdr. Width	Shdr. Width	shdr. Elev.	Super	Slope

36+50

36+00

35+50

35+00

Lt.

Rt.

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
------	-------	-------	-------------	-------------	-------------	-------------	-------	-------

38+50

38+00

37+50

37+00

Wabash Ave  
Lt.

Rt.

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
------	-------	-------	----------------	----------------	----------------	----------------	-------	-------

20

40+50

40+00

39+50

39+00

Sta. slope Super Shdr. Shdr. Shdr. Shdr.  
Elev. Width Width Elev. Super Slope

21

4 42+50

4 42+00

3 41+50

4 41+00

Sta.	Slope	Seaper	Shdr. Elev	Shdr. Width	Shdr. Width	Shdr. Elev	Seaper	Slope
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44+50

44+00

43+50

43+00



Sta.	Slope	Super	shdr. Elev.	shdr. Width	shdr. Width	shdr. Elev.	Super	Slope
------	-------	-------	----------------	----------------	----------------	----------------	-------	-------

46+50

46+00

45+50

45+00

Sta.	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
------	-------	-------	----------------	----------------	----------------	----------------	-------	-------

48+50

48+00

47+50

47+00

Wabash Ave.

Sta	Slope	Super	Shdr. Elev.	shdr. Width	shdr. Width	Shdr. Elev.	Super	Slope
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50+50

50+00

49+50

49+00

Wabash Ave.

20

Sta	Slope	Super	Shdr. Elev.	Shdr. Width	Shdr. Width	Shdr. Elev.	Super	Slope
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52750

52400

51750

51400

Wabash Ave

27

Wabashi Ave

28

Wabash Ave

29

Wabash Ave.

30





32

33

34

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38











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44



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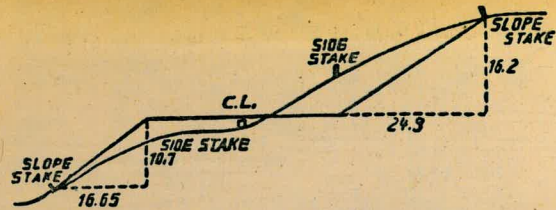


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79

80



**DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.**  
SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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