

335

TRANSIT

398

F. B. 335

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100. **335**

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
	0			100.00	0.44	100.00	0.87	99.99	
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.44	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.22	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	48.44	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

335
1633
180.7
N 61° 25' E
45.79 45
21.7
33.8
55.7
122.0
54.7
66.3

Return to City Engineers Office
City Hall, San Diego, Cal.

Crocker Quality
TRANSIT BOOK



No. _____

MANUFACTURED BY
H. S. CROCKER CO.
SAN FRANCISCO AND SACRAMENTO
CALIFORNIA

FROM
LORING'S BOOK STORE
SAN DIEGO, CAL.

Old Terry Dyke E. side Hd spike
city. hyd. support. 14.007

opp. Ferreman's House, Hardy abt.

Cap. Tack Pole 3' above grd. 23.192

opp. Ferreman's House Hd abt.

Hd. spk pole ground. 20.853

26.774
176.9
783.8
169.5
904.33

88.43

78.36
30.70
78.36
73.0.1

7836.1

847.7

7836.1

847.7

7836.1

847.7

130

98

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H. S. CROCKER CO.

San Francisco and Sacramento
California

22.754

2100 Riley St. N 75° 45' E

400' from pub. cor.

true 24° 33' 40" - 4373.

Levels on center line of Mission Valley
road survey on page 0 this book,

B.M. hub Benicia & Lauretta

Sta	12.88	67.48	-P	51.00
0+0			12.9	
0+50			10.8	
1			8.6	
1+50			6.2	
2			4.4	
2+50			3.1	
3			1.7	
T.P.	11.55	77.80	1.23	66.25
3+50			11.1	
4			10.3	
50			8.4	
5+0			5.5	
5+50			2.8	
T.P.	6.05	82.75	1.10	76.70
6+0			4.6	
6+43.7			2.1	
7+0			4.1	
7+18			6.6	
7+50			30.9	
7+65			31.0	
7+93			16.1	
8+0			14.6	
8+50			5.4	
9+0			4.9	
9+50			5.7	
10+0			3.2	
10+50			3.3	
11+0			2.4	

	32.7541			
11+50			5.0	
12+0			5.3	
12+50			5.7	
12+81.83			5.9	
T.P.	5.97	82.81	5.91	76.84
13+0			6.4	
13+50			5.5	
14+0			6.5	
14+50			8.2	
15+0			8.8	
15+50			12.0	
15+93			13.3	
T.P.	0.71	70.62	12.90	69.97
16+0			3.5	
16+45			27.2	
16+60			28.0	
17+0			19.4	
17+35			6.8	
17+50			6.4	
18+0			4.3	
18+50			6.2	
19+0			9.1	
19+50			11.3	
T.P.	3.49	61.56	11.55	58.07
20+0			4.3	
20+50			6.8	
21+0			8.8	
21+50			12.2	
T.P.	1.99	51.09	12.46	49.10
22+0			4.7	
22+50			8.8	
23+0			13.4	

51.0941				
23+50			12.0	
24+0			10.6	
50			11.5	
T.P.	4.98	43.53	12.54	38.55
25+0			7.7	
50			2.6	
26+0			9.2	
50			9.7	
27+0			8.4	
50			7.2	
28+0			6.7	
50			6.1	
29+0			4.7	
29+47 ⁷³			3.2	
T.P.	12.89	53.17	3.25	40.28
30+0			10.7	
50			10.5	
31+0			5.4	
50			2.8	
32+0			1.2	
50			2.6	
33+0			5.4	
50			7.1	
34+0			5.3	
50			2.2	
T.P.	8.12	59.69	1.60	51.57
35+0			6.5	
50			8.3	
36+0			10.9	
50			12.8	
37+0			10.0	

59.69				
31+30 ²⁰				8.5
50				7.2
50				8.6
50				12.3
50				12.6
50				12.2
40+0				9.9
50				6.7
41+0				3.8
T.P.	8.25	65.89	2.55	57.14
50				5.9
42+0				4.5
50				3.9
42+60 ²⁵				3.9
T.P.	2.93	64.92	3.90	61.99
43+0				2.9
44+0				5.2
45+0				10.8
46+0				12.9
47+0				12.6
48+0				9.90
T.P.	7.49	63.28	9.13	55.79
49+0				5.3
50+0				7.8
50+0				14.6
T.P.	0.94	51.95	12.27	51.01
50				9.2
53+0				11.6
54+0				11.6
55+0				5.9
T.P.	11.53	62.45	10.3	50.92

62.45 MI.				
56+0			10.9	
56+56			12.7	
57			11.2	
57+50			6.2	
58+0			2.8	
59+0			2.3	
60+0			2.0	
61+0			9.42	
T.P.	1.87	60.03	4.27	59.16
62+0			7.7	
63+0			10.2	
64+0			10.6	
65+0			7.5	
66+0			8.0	
T.P.	0.98	54.96	6.05	53.98
67+0			5.0	
68+0			6.3	
69+0			8.6	
70+0			10.8	
71+0			12.6	
T.P.	12.44	58.50	12.90	46.06
72+0			8.8	
73+0			2.9	
T.P.	12.02	70.27	0.25	58.25
74+0			5.7	
75+0			2.1	
T.P.	6.22	74.72	2.0	68.50
75+60 ⁶			6.0	
76+0			7.6	
T.P.	2.69	65.73	9.68	65.04
77+0			5.1	
77+50			6.9	

65.73			
78+0		8.50	
78+58 ² Lockwoods 22+35 "C" Line		5.7	60.00

Note see Page 37 for Levels from sta 78+58² Bunkles
 of Lockwoods sta 22+35 "C" Line to sta 88+78² Dunkles or
 sta 32+55 Lockwoods,

Levels from sta 88+78² to sta 90+51⁵

P.M.	1.82	46.62	44.80	
88+78.9			1.8	
89+0			2.8	
90+0			13.0	
T.P.	3.62	37.90	12.34	34.28
90+20			8.6	
9+30			13.3	
91+51 ⁵			12.0	

Survey of Mission Valley Road N. of
River from Benicia St East

Sta Angle Dist

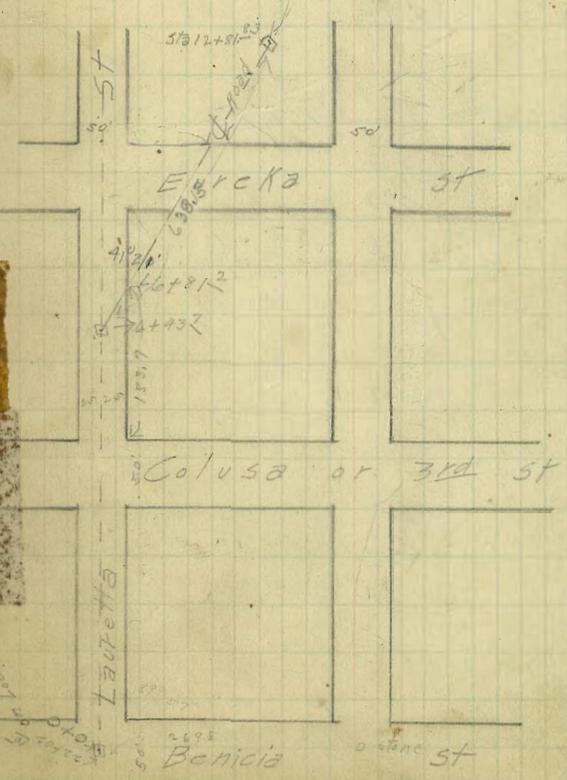
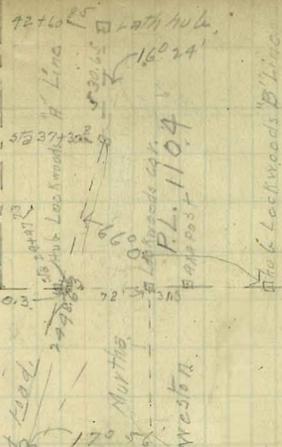
For Levels see front page this book

at 55+94.5 53+31.6	71° 33' R	= Center line of road
90+51.5		at angle in road = Center line of Escalante road crossing Valley 172.6
54+18.9	14° 49' L	200' = 5/8 22+55 on Lockwoods C Line
86+78.9	13° 31' R	205' = 5/8 30+55
84+73.2	17° 0' R	330 = 5/8 23+50 C Line
81+43.2	12° 20' R	285 = 5/8 25+20 C Line
78+58.2	13° 44' L	295.3 = Lockwoods Sta 22+35 on C
75+60.6	11° 27' R	1904.6
56+56.0	2° 22' L	1395.15
42+60.85	12° 59' L	530.65
37+30.2	16° 24' L	2448.37
12+81.83	17° 56' L	638.13 ✓
6+43.2	41° 21' R	643.7 ✓

0+0 = center of Benicia & Lauretta

Plotted
May 10
on old map

1796
116
7526



Road in Mission Valley from

Station Angle Dist. Needle

48+00

47+00

773.7

POSTED

41+16.3 7°27'R.

N 60°0'E

8+94.9 = 28+60 Main line

0+00 57°42'R

N 20°35'E

"A" Line

41+16.3

7156.3

28+60 38°08'L

N 52°45'E

9.60

19+00 128°04'R

S 89°10'E

8+30

1900

0+00 19°03'L

N 37°15'W

Old Terry Bridge 3-10-08

Archwood
Eaves
forward

Bottom Ravine

Main line S. Bank Ravine

8+30 = 0+00 "A" Line Leave Old Terry dyke

Pueblo Cor. N.W. Cor. Pueblo Lot 1103

Leave Old Terry dyke

PT on Terry

= N. end of Old Terry Bridge. 4' from E side

Backsight to a point 4' from E.S. Bridge on S. side
Bridge

Road in Mission Valley town

Station Angle Dist. Needle

48+00

49+00

473.7

POSTED

41+16.3 7°27'R

N 60°00'E

84949 = 28+60 main line

0+00 57°42'R

N 20°35'E

A" Line

41+16.3

1456.3

28+60 38°08'L

N 52°45'E

7.60

19+00 128°04'R

S 89°10'E

8+30

1900

0+00 10°03'L

N 37°15'W

Old Terry Bridge 3-10-08

Included
Crane
Tower

1

Bottom Ravine

Main line S Bank Ravine

8430 = 0+00 A" line Leave Old Terry dyke

North Cor. N. W. Cor. Puck 10 lot 1103

Leave Old Terry dyke

PT. on map

Head of Old Terry Bridge. 4' from E. side

Backsight to a point 4' from E. S. Bridge on Grand
Bridge

10+00 Δ

N 51° 30' E

88+92 Δ

3621.3' N 51° 30' E

Δ 82+00 33° 43' L

N 51° 30' E

78+00

N 85° 00' E

1750.5

72+00

N 85° 00' E

64+49.5 3° 43' R

N 85° 00' E

724.5

57+25 15° 19' R

N 81° 30' E

56+90

350'

56+30

55+00

53+75 30° 49' L

N 66° 15' E

485'

48+90 37° 0' R

S 83° 00' E

2
2
Fence on S Line Story Place.

Pt. on Tang.

Pt. on Tang.

E. edge ravine

Bottom ravine

N. edge of Ravine

Pt. on line

Δ 116+00

N 51° 30' E

10+00 Main line

N 51° 30' E

43+72.6 = sta 82+00 main line

43+65.3 25° 40' L

N 51° 15' E

28+47.7

Inter. Weston's Line L 18° 23'

21+00 Δ

17+28 Δ

N 77° 00' E

10+ Δ

N 77° 00' E

37+00 = 0+00 24° 34' R.

N 77° 10' E

"B" line

37+00 = 0+00 "B" line

149+58.0 45° 59' L N.43° 0' E.

58' r

149+00 23° 30' L N.89° 40' E

125

147+75 37° 0' R. S.67° 30' E.

718.9

140+56.1 62° 24' R. N.75° 30' E

407.9

136+84.4
136+98.2 46° 14' L N.13° 0' E

213.7

134+35 4° 51' R. N.59° 15' E

133+21.0 501.7

131+00

129+33.8 24° 52' L N.54° 30' E

333.8

126+00 12° 15' R. N.79° 15' E

778.7

118+21.3 15° 0' R. N.67° 0' E

23.38	90
157.30	1982
71.15	1970.30
40.00	
32.54	
1.0763	
40.15	
17.25	
21.875	
27.16	

27	47
118.1	1920
71.50	70
59.01	
34.00	

Dec 1921 = .06075

30.435
12.172
7.152125
20.52

Leave County Road E. 0.85 of fence line.

Cross Puelo line.

County Road to Esccondido

		350	
213+50	17°05'R.		N87°0'E
		565	
207+85	14°56'R.		N70°0'E
		708	
200+77	19°37'R.		N55°0'E
		2970	
197+80	18°32'R.		N35°30'E
		1260	
196+54	16°13'L.		N17°15'E
		301	
193+53	21°0'L.		N33°30'E
		663	
186+90	8°02'R.		N54°30'E
		858.7	
178+31.3	13°36'L.		N46°30'
168+38			
163+43.8			
159+70		2304.3	
155+27'	17°09'30'R.		N60°0'E
		569.0	

$$\begin{array}{r} 1709.39 \\ - 526.41 \\ \hline 1182.98 \end{array}$$

$$\begin{array}{r} 627 = 2007.05 \\ \quad 22 \\ \quad 35-40 \\ \quad 10-16 \\ \hline 25.275 \end{array}$$

$$\begin{array}{r} 1705 \\ - 882 \\ \hline 823 \end{array}$$

$$\begin{array}{r} 1267 \\ - 225 \\ \hline 1042 \end{array}$$

$$\begin{array}{r} 1037 \\ - 2189 \\ \hline -1152 \end{array}$$

POSTED

offset 2' South to Pueblo cor. BS. on Pueblo line
 E side Ricci Place N of Line
 W " " " " " "
 Line bet Pedot & Ricci, S. of line

-Pt 2' N Pueblo line Run E. 8' N of Pueblo line

22+35 19°45' L 310 N50°45' E
 19+25 17°54' R N70°30' E
 Δ 18+00 875'
 11+00 5°53' R. POSTED N52°30' E 730
 8+70 3°39' L N46°30' E 630
 5+40 15°24' R N50°0' E 240
 97+30 = 16°56' L N34°30' E
 "C" Line "C" Line
 230+81.3
 230+66.2
 22+406A
 224+00 28°0' R. 5.77°30' E 700
 217+00 12°20' L N74°45' E

Loc 39321 = 129625
 19237
 35
 37.41
 125100
 12251
 723700

Pl. on line

97+30 gain line = 0+100 "C" line

Re-survey road from sta 217+00 to County road at Fil. City 11. Sample E. Kerr

Sta	Angle	Dist	Bearing
227+83	101°39' R = intersection of county road & E.L. City Limits		
226+43	19°53' L	166.7'	
224+76	14°40' L		
		466.6	
220+10	4°52' R		
		310'	
217+00	20°35' L		
		350'	
213+50	17°05' R		N87°0' E

E.L. City boundary
 Fil. City 11
 E. Kerr

119+23 = Fence line bet Campbell & Storey

3+01.4 9°19' L

0+00 23°45' R

N76°15' E

19+25 "C" Line - 0+00 "E" line

"E" Line

5+15.7 19°25' L

5+15.7 = 129+86.2 Main line

1+95.3

inter Pueblo line

opposite Campbell's House

0+00 6°42' R

N74° E

124+60 = 0+00 "D" line

34+57 = 131+27.8 Main line

32+55 19°38' L

N74° E

100'

30+55 13°31' R

S86°30' E

705'

28+50 17°0' R

N80° E

27+85 Δ

330'

Phog line

25+20 12°20' R

N63° E

785'

101.3
30.85
972.15

"F" Line

Sta 12+23.5 = 0+00 "F" Line.

0+00 58°17'R. N21°00'E

6+50

offset 25' West. thence N21°0'E

9+41.3

offset 25' East to line

9+72.15 39°05'R. N60°0'E.

22+02.5 90°0'R.

24+72.5 = 41+16.3 main line

"G" Line - Mission Valley Road.

15+6x5 = 55+00 Mainline

26x5

13+00 Δ 12°02' L. 581°0' E

200

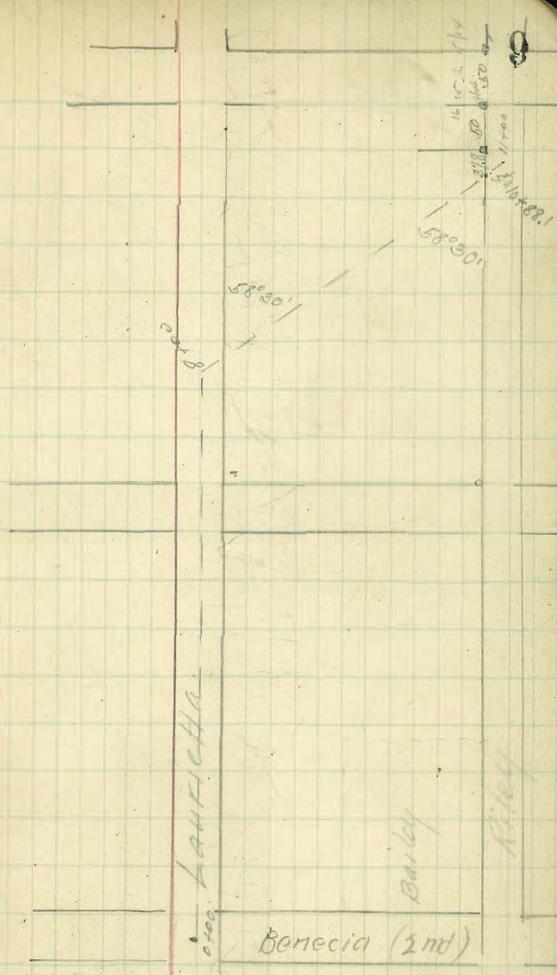
11+00 Δ 7°30' L. 569°0' E

300

8+00 Δ 58°30' R. 561°20' E

0+00 = 0°00' N60°10' E

22+02.5 "F" Line = 0+00 "G" Line.



Intersection Laurietta & Benicia
Back sight of "F" Line

Levelson Mission Valley Road from

Old Terry Dyke North

B.M.	3.50	17.51	14.01
	0+00 "A" Line	= 8+30 Main Line	
N side		2.7	14.8
C		2.8	14.9
S		2.8	14.9
	0+20		
S		9.7	7.8
C	POSTED	9.6	7.9
N		9.8	7.7
	0+50		
N		9.2	7.3
C		9.2	7.3
S		8.8	8.7
	1+00		
S		8.9	8.6
C		8.8	8.7
N		8.9	8.6
	1+50		
N		10.6	6.9
C		10.3	7.2
S		9.8	7.7
	2+00		
S		10.0	7.5
C		9.8	7.7
N		9.3	8.2

B.M.	4.1	17.51	7.17	10.37
	2.80	13.14		
	2+50			
N		5.6	8.1	
C		5.2	7.9	
S		5.3	7.8	
	3+00			
S		13.1	5.6	7.5
C	POSTED		5.8	7.3
N			5.4	7.7
	3+50			
N		5.3	7.8	
C		5.4	7.7	
S		5.1	8.0	
	4+00			
S		5.0	8.1	
C	Mar		4.9	8.4
N			4.9	8.4
	4+50			
N		4.9	8.2	
C		5.1	8.0	
S		4.8	8.3	

sp. in top post
10.37 opt 5' 2' 00

	5400		
S	13.14	4.7	8.4
C		4.6	8.5
N		5.1	8.0
	5450		
N		5.7	7.4
C		5.7	7.4
S		5.7	7.4
	6400		
S		5.7	7.4
C		6.1	7.0
N		6.4	6.7
	6450		
N		5.5	7.6
C		5.1	8.0
S		4.6	8.5
	7400		
S		7.4	5.7
C		7.8	5.8
N		7.2	5.9
	7425		
N		6.7	6.4
C		6.9	6.2
S		7.0	6.1

		Hi. = 7450	
S	13.14	9.6	3.5
C		10.9	2.2
N		10.8	2.3 bridge
		8400	
N		8.0	5.1
C		8.2	4.7
S		7.9	5.2
T.P.	222	Hi. 11.03	233
			10.81 Nail in top of fence
		8450	
S		3.7	7.3
C		2.9	8.1
N		2.7	8.3
		8494.9 = 28+60 Main Line	
S		3.5	7.5
C		3.1	7.9
N		0.0	11.0
		Sta 29+00 Mainline	
N		15.1	9.5
C		11.4	6.6
S		5.3	5.7
		29+50	
S		5.5	5.5
C		5.4	5.6
N		3.6	7.4

11

30+00

N	11.0	5.00	6.0
C		5.5	5.5
S		6.0	5.0

30+50

S		5.7	5.3
C		6.0	5.0
N		5.4	5.6

31+00

N	11.03	5.4	5.6
C		5.0	6.0
S		3.0	8.0
T.P.	21.58	21.10	15.1
			9.5

31+50

S		6.0	15.1
C		13.5	7.6
N		14.5	6.6

32+00

N		14.7	6.7
C		9.4	11.7
S		0.8	20.3

32+50

S		2.2	18.9
C		7.7	13.4
N		13.8	7.3

13

33+00

N	21.1	12.8	8.3
C		6.2	14.9
S		0.0	21.1

33+50

S		3.6	17.5
C		10.7	10.4
N		11.9	9.2

34+00

N		11.2	9.9
C		10.9	10.2
S		10.2	10.9

34+50

S		9.4	11.7
C		9.9	11.2
N		9.5	11.6

35+00

N	21.10	0.1	21.0
C		5.0	16.1
S		8.4	12.7
	12.17	32.48	0.99
			20.31

35+50

S		15.8	16.7
C		11.5	21.0
N		8.0	24.5

36+00				
N	22.5	5.7	24.8	
C		7.7	24.8	
S		9.9	22.6	
36+50				
S		5.0	27.5	
C		3.8	28.7	
N		3.4	29.1	
37+00				
N	32.48	4.4	30.1	
C		2.1	30.4	
S		2.4	30.1	
B.P.	Nail in post S of Sta 36+50	5.71	26.77	
T.P.	12.97	43.49	1.96	30.52
37+50				
S		11.6	31.9	
C		11.3	32.2	
N		10.5	33.0	
38+00				
N		8.7	34.8	
C		9.3	34.2	
S		9.8	33.7	

38+50				
S	43.5	8.4	35.1	
C		7.6	35.9	
N		6.7	36.8	
39+00				
N		5.3	38.2	
C		6.1	37.4	
S		6.5	37.0	
39+50				
S		5.7	37.8	
C		4.5	39.0	
N		4.1	39.4	
40+00				
N		2.5	41.0	
C		3.4	40.1	
S		3.4	40.1	
40+50				
S		2.3	41.2	
C	43.49	1.2	42.3	
N		0.9	42.6	
T.P.	10.14	52.57	10.6	42.43
41+00				
N		8.4	44.2	
C		9.4	43.2	
S		10.6	42.0	

	41+163 = Pueblo Cor		
S	526	10.2	48.4
C		8.7	43.9
N		8.0	44.6
	41+50		
N		9.4	45.2
C		8.2	44.4
S		9.7	42.9
	42+100		
S		9.7	42.9
C		7.5	45.1
N		6.9	45.9
	42+50		
N		6.6	46.0
C		7.4	45.2
S		9.9	42.7
	43+100		
S		10.7	41.9
C		7.6	45.0
N		4.8	47.8
	43+50		
N		3.6	49.0
C		4.6	48.0
S		5.2	47.4

	5257	3.43	3 rails
BM			49.14 = N. Ecot Barley & 15
	44+100		
S		3.1	49.5
C		2.4	50.2
N		1.5	51.1
T.P.	11.71	63.80	0.48
	44+50		
N		10.2	53.6
C		11.1	52.7
S		11.8	52.0
	45+100		
S		9.7	54.1
C		8.7	55.1
N		7.8	56.0
	45+50		
N		5.9	57.9
C		6.9	56.9
S		7.8	56.0
	46+100		
S		5.8	58.0
C		4.6	59.2
N		3.5	60.3
	46+50		
N		1.3	62.5
C		2.6	61.2
S		4.1	59.7

1181

		46+75		
S		63.80	4.1	59.7
C			2.2	61.6
N			0.3	63.5
		47+00		
N			0.9	62.9
C			4.5	59.3
S			8.1	55.7
T.P.	3.79	55.24	12.35	51.25
		47+50		
S			12.6	42.6
C			11.0	44.2
N			6.0	49.2
		48+00		
N			13.0	42.2
C			14.3	40.9
S			15.7	39.5
		48+30		
S			14.7	40.3
C			13.3	41.9
N			12.0	43.2
		48+50		
N			1.4	53.8
C			5.0	50.2
S			9.8	45.4

B.M.	55.24	0.43	54.81 = 2x2 Hub. N. Sta. 48+50
	10.94	4.1	54.81
		65.75	
		48+90	
S			13.3
C			8.0
N			2.2
		49+00	
N			2.4
C			8.6
S			13.9
		49+50	
S			13.2
C			8.4
N			3.3
		50+00	
N			3.4
C			9.1
S			15.6
		50+50	
S			14.0
C			8.7
N			2.9
		51+00	
N			2.0
C			6.5
S			9.7

		H.I. 65.75		
T.P.	12.52	71.30	6.97	58.78
		51+50		
S			15.7	55.6
C			10.4	60.9
N			7.5	63.8
		51+75		
N			9.6	61.7
E			12.1	59.2
S			14.9	56.4
		52+00		
N			5.2	66.1
C			10.1	61.2
S			12.0	59.3
		52+50		
S			13.2	58.1
C			9.9	61.4
N			6.0	65.3
		53+00		
N			6.8	64.5
C			11.1	60.2
S			13.5	57.8

		53+50		
		H.I. 71.30		
S			14.5	56.8
C			11.9	59.4
N			8.6	62.7
		53+75		67.4
N			9.22	67.1
C			12.5	58.8
S			15.0	56.3
		54+00		
S			13.5	57.8
C			14.3	60.0
N			8.5	62.8
		54+50		
N			5.6	65.7
C			8.5	62.8
S			11.1	60.2
		55+00		
S		71.30	8.5	62.8
C			6.7	64.6
N			3.7	67.6
T.P.	2.40	H.I. 67.70	6.00	65.30
		55+50		
N			1.8	65.9
C			7.3	60.4
S			12.1	55.6

	H.I.		
	56+00		
S	67.70	11.7	56.0
C		5.3	62.4
N		-0.2	67.90
	56+20		
N		1.2	66.5
C	67.70	7.2	60.5
S		14.7	53.0
T.P. = BM	59.19	9.22	58.48
	56+50		
N		10.6	48.6
C		10.8	48.4
S		15.3	43.9
	56+85		
S		21.0	38.2
C		19.0	40.2
N		16.7	42.5
	57+00		
N		12.3	46.9
C		15.7	43.5
S		19.0	40.2

H.I. in Post
 Sta 56+20
 T.P. = BM 0.71

Bridge

	H.I.		
	57+25		
S	59.19	12.1	47.1
C		3.6	55.6
N	69.09	5.6	63.5
T.P	12.77	69.09	2.87
	57+50		
N		1.1	68.0
C		8.5	60.6
S		17.2	51.9
	58+00		
S	69.09	13.5	55.6
C		6.1	63.0
N		-1.0	70.09
BM	11.64	69.52	58.48
	58+50		
N		0.8	68.7
C		5.1	64.4
S		8.2	61.3
	59+00		
S		10.6	58.9
C		7.6	61.9
N		3.6	65.9

		59+50		
N		69.52	6.1	63.4
C			9.9	59.6
S			13.0	56.5
		60+00		
S			14.5	55.0
C			11.3	58.2
N			7.6	61.9
		60+50		
N			9.8	59.7
C			13.7	55.8
S			17.0	52.5
T.P.	135	58.73	12.14	57.38
		67+00		
S			7.9	50.8
C			4.5	54.2
N			0.9	57.8
		64+50		
N			2.6	56.1
C			7.8	50.9
S			10.4	48.3
		62+00		
S			13.0	45.7
C			10.7	48.0
N			7.8	50.9

		62+50		
N		58.73	10.9	47.8
C			13.3	45.4
S			16.5	42.2
T.P.	133	47.11	12.95	45.78
		63+00		
S			13.0	34.1
C			7.2	39.9
N			3.1	44.0
		63+50		
N			2.9	44.2
C			7.2	39.9
S			11.6	35.5
		64+00		
S			7.6	39.5
C			5.6	41.5
N			2.9	44.2
		64+49.5		
N		47.11	2.5	44.6
C			4.1	43.0
S			7.4	39.7
B.M.			7.25	39.86. on rock opp. sta 64+49.5

	65+00		
S	47.11	12.3	33.8
C		11.2	35.9
N		8.3	38.8
	65+50		
N		9.7	37.4
C		11.0	36.1
S		12.3	34.8
	66+00		
S		13.3	33.8
C		11.9	35.2
N		10.9	36.2
	66+50		
N		11.9	35.2
C		13.0	34.1
S		13.6	33.5
	67+00		
S		13.4	33.7
C		12.3	34.8
N		10.8	36.3
	67+50		
N		8.6	38.5
C		10.4	36.7
S		13.5	33.6

	68+00		
S	47.11	12.4	34.7
C		10.1	37.0
N		8.0	39.1
T.P.	12.68	49.92 ^{H.I.}	9.87
	68+50		
N		9.9	40.0
C		12.2	37.7
S		14.4	35.5
	69+00		
S		13.9	36.0
C		11.3	38.6
N		8.7	41.2
	69+50		
N		7.8	42.1
C		10.3	39.6
S		12.1	37.8
	70+00		
S		10.0	39.9
C		8.0	41.9
N		5.8	44.1
	70+50		
N		5.2	44.7
C		8.6	41.3
S		10.4	39.5

	71+00		
S	H.I. 49.92	6.6	43.3
C		4.6	45.3
N		2.1	47.8
T.P.	Hub. sta 71+50 opp. sta 11.39	60.48	0.83 49.09 = BM.
	71+50		
N		8.3	52.2
C		11.7	48.8
S		14.0	46.5
	72+00		
S		13.0	47.5
C		9.9	50.6
N		5.7	54.8
	72+50		
N		5.7	54.8
C		10.2	50.3
S		14.2	46.3
	73+00		
S	60.48	16.3	44.2
C		13.2	47.3
N		9.1	51.4
	73+50		
N		11.5	49.0
C		15.2	44.3
S		18.2	41.3

21

	74+00		
S	H.I. 60.48	17.0	43.5
C		14.6	45.9
N		11.7	48.8
	74+50		
N		10.2	50.3
C		12.1	48.4
S		14.2	46.3
	75+00		
S		12.8	47.7
C		9.9	50.6
N		6.7	53.8
	75+50		
N		7.3	52.2
C		10.1	50.4
S		13.3	47.2
	76+00		
S		14.8	45.7
C	60.48	12.3	48.2
N		9.2	51.3
T.P.	418	52.90	11.26 48.72
	76+50		
N		4.6	48.3
C		7.3	45.6
S		9.6	43.3

	77+00		
S	52.90	9.2	43.7
C		7.1	45.8
N		4.6	48.3
	77+50		
XV	POSTED	1.9	51.0
C		5.0	47.9
S		8.0	44.9
	78+00		
S		9.3	43.6
C		6.1	46.8
N		3.2	49.7
	78+50		
N		9.7	45.2
C		10.2	42.7
S		12.8	40.1
	79+00		
S		15.5	37.4
C		14.3	38.6
N		12.7	40.2
	79+50		
N		14.3	38.6
C		16.3	36.6
S		18.4	34.5

	80+00		
S	52.9	17.4	34.5
C		15.2	37.7
N		13.6	39.3
	80+50		
N		9.8	43.1
C		12.7	40.2
S		15.1	37.8
	81+00		
S		13.7	39.2
C		11.6	41.3
N		9.1	43.8
	81+50		
N		7.5	45.4
C		10.2	42.7
S		12.2	40.7
	82+00		
S	52.90	12.2	40.7
C		9.9	43.0
N		7.6	45.3
BM		9.56	43.34

Levels on "B" Line.

	HI.		
B.M.	12.50	39.27	26.77
37+00 = 0+00 "B" Line.			
	0+50		
S		39.27	8.5 30.8
C			7.7 31.6
N			6.9 32.4
	1+00		
N			5.5 33.8
C			6.4 32.9
S			6.9 32.4
	1+50		
S			6.3 33.0
C			5.4 34.9
N			4.5 34.8
	2+00		
N			3.7 35.6
C			4.7 34.6
S			5.7 33.6
	2+50		
S			10.0 29.3
C			6.3 33.0
N			3.8 35.5

23

	3+00		
N	39.3	6.3	33.0
C		10.4	28.9
S		13.5	25.8
	3+50		
S		11.4	27.9
C		8.3	31.0
N		5.3	34.0
	4+00		
N		6.4	32.9
C		8.4	30.9
S		12.7	26.6
	4+50		
S		14.0	25.3
C		13.8	25.5 Culvert
N		10.6	28.7
	5+00		
N	39.27	9.00	30.3
C		5.7	33.6
S		5.6	33.7
T.P. 1097	46.73	3.51	35.76
	5+50		
S		8.3	38.4
C		7.7	39.0
N		7.0	39.7

	6+00		
N	46.73	6.3	40.4
C		6.8	39.9
S		7.4	39.3
	6+50		
S		6.9	39.8
C POSTED		5.9	40.8
N		5.1	41.6
	7+00		
N		4.5	42.2
C		5.4	41.3
S		6.1	40.6
	7+50		
S		5.9	40.8
C		5.0	41.7
N		4.0	42.7
	8+00		
N		3.9	42.8
C		4.7	42.0
S		5.5	41.2
	8+50		
S		5.3	41.4
C		4.4	42.3
N		3.5	43.2

	9+00		
N	46.7	3.4	43.3
C		4.3	42.4
S		5.4	41.3
	9+50		
S		5.6	41.1
C		4.4	42.3
N		3.5	43.2
	10+00		
N		4.0	42.7
C		5.0	41.7
S		6.4	40.3
	10+50		
S	46.73	8.0	38.7
C		8.3	38.4
N		7.7	39.0
T.P. = ^{sta 10+50} BM 108 _{Hub}	40.01	7.80	38.93
T.P. 2.9%	30.25	12.61	27.33
	11+00		
N		9.0	21.3
C		9.3	21.0
S		10.0	20.3

	11+50			
S	30.45	11.9	18.4	
C		10.9	17.4	bridge
N		9.7	20.6	
	12+00			
N		6.9	23.4	
C		8.2	22.1	
S		10.6	19.7	
	12+35			
S		5.1	25.2	
C		2.5	27.8	
N		1.9	28.4	
	12+50			
N		3.4	26.9	
C	30.75	5.9	24.4	
S		8.1	22.2	
T.P.	13.04	42.84	0.45	29.80
	13+00			
S		12.6	30.2	
C		10.0	32.8	
N		11.0	31.8	
	13+50			
N		4.1	38.7	
C		3.8	39.0	
S		4.6	38.2	

	14+00			
S	42.84	3.2		39.6
C		2.2		40.6
N		1.7		41.1
T.P.	9.73	51.03	1.54	41.30
	14+50			
N		8.8		42.2
C		9.9		41.1
S		11.9		39.1
	15+00			
S		13.8		37.2
C		11.6		39.4
N		8.4		42.6
	15+35			
N		10.4		40.6
C		13.9		37.1
S		27.0		24.0
	15+50			
S		19.0		32.0
C		13.9		37.1
N		10.4		40.6
	15+60			
N		13.8		37.2
C		23.0		28.0
S		28.0		23.0

	16+00		
S	51.03	10.9	40.1
C		9.7	41.3
N		7.4	43.6
	16+50		
N		5.1	45.9
C		6.2	44.8
S		7.2	43.8
	17+00		
S		6.6	44.4
C		5.3	45.7
N		4.3	46.7
	17+28		
N		5.5	45.5
C		5.5	45.5
S		5.9	45.1
	17+50		
S		7.1	43.9
C	51.03	7.8	43.2
N		9.2	41.8
T.P. = BM	173	41.55	11.21
			39.82
	18+00		
N		8.6	33.0
C		9.4	32.2
S		8.7	32.9
T.P.			

at 17+50. Hub.

		4.1	
		41.55	
T.P.	495	33.80	12.70
			28.85
		18+50	
S		13.3	19.5
C		12.9	20.9
N		11.8	22.0
		19+00	Bridge
N		14.5	18.3
C		16.1	17.7
S		16.8	17.0
		19+50	
S		16.2	17.5
C		15.6	18.2
N		14.6	19.2
		20+00	
N		33.80	3.4
			30.4
C		1.5	32.3
S		1.8	32.0
T.P.	9.93	42.97	0.76
			33.04
		20+50	
S		2.5	40.5
C		1.7	41.3
N		1.8	41.2

20+75

N	42.99	-0.4	43.04
C	43.0	0.0	43.0
S		1.1	41.9
21+00			
S		1.9	41.1
C		1.1	41.9
N		0.2	42.8
21+50			
N		3.1	39.9
C		5.4	37.6
S		7.1	35.9
22+00			
S	42.99	12.0	31.0
C		8.9	34.1
N		11.1	36.2
T.P.	2.13	36.69	8.41
22+50			
N		3.9	37.8
C		7.0	29.7
S		9.4	25.3
23+00			
S		13.5	23.2
C		10.2	26.5
N		6.3	30.4

23+50

N	36.7	5.7	31.0
C		11.5	25.2
S		16.5	20.2
24+00			
S		15.6	21.1
C		9.3	27.4
N		5.8	30.9
24+50			
N	H.I. 36.69	11.6	25.1
C		12.2	24.5
S		16.2	20.5
T.P. = B.M. Hub. 833			
	32.98	12.04	24.65
25+00			
S	33.0	14.1	18.9
C		13.3	19.7
N		12.5	20.5
25+50			
N		11.4	21.6
C		12.4	20.6
S		13.0	20.0
26+00			
S		12.7	20.3
C		11.3	21.7
N		10.0	23.0

Bridge

18

	26+50		
N	32.98	9.2	23.8
C	33.8	10.8	23.0
S		11.9	21.1

27+00

S		10.7	22.3
C.	POSTED	9.7	22.3
N.		8.3	24.7

27+40

N.		7.9	25.1
C.		8.4	24.6
S.		7.2	23.8

27+50

S		7.3	25.7
C		6.5	26.5
N		6.1	26.9

28+00

N		3.7	29.9
C.		4.0	29.0
S.		5.0	28.0

28+50

S		6.5	26.5
S		4.7	28.3
N		3.4	29.6

28

29+00

N	32.0	5.0	28.0
C		6.4	26.6
S		7.9	25.1

29+50

S		9.4	23.6
C		8.0	25.0
N		6.8	26.2

30+00

N		7.8	25.2
C.		9.0	24.0
S.		10.7	22.3

30+50

S		11.0	22.0
C		9.2	23.8
N		7.7	25.3

31+00

N	32.98	6.3	26.7
C		8.9	25.0
S		9.6	23.4

T.P. 12.11 36.99 8.10 24.88

31+50

S	37.0	12.3	24.7
C		10.2	26.8
N		8.4	28.6

	32+00		
N	36.99	6.8	30.2
C	37.0	8.8	28.2
S		10.3	26.7
Nail B.M. of post 25'S. 5 to 32100			
	32+50	9.72	27.27
S		9.6	27.4
C		7.7	29.3
N		6.0	31.0
	33+00		
N		5.0	32.0
C		7.5	29.5
S		9.7	27.3
	33+50		
S	37.0	8.0	29.0
C		4.8	32.2
N		1.4	35.6
	34+00		
N		0.5	36.5
C		3.4	33.6
S		6.2	30.8
	34+50		
S		6.0	31.0
C		4.3	32.7
N		0.9	36.1

	35+00		29
N	37.0	1.4	35.6
C		3.2	33.8
S		5.2	31.8
	35+50		
S	36.99	3.4	33.6
C		1.9	35.1
N		0.5	36.5
T.P.	11.53	46.52	2.00
	36+00		
N		7.6	38.9
C		10.1	36.4
S		11.8	34.7
	36+50		
S		10.5	36.0
C		8.0	38.5
N		5.3	41.2
	37+00		
N		4.4	42.1
C		6.8	39.7
S		9.2	36.3
	37+50		
S		9.4	37.1
C		7.1	39.4
N		4.9	41.6

	38+00		
	46.52		
N		5.8	40.7
C		8.2	38.3
S		10.1	36.4
	38+50		
S		10.0	36.5
C		7.8	38.7
N		5.7	40.8
	39+00		
N	46.52	4.4	42.1
C		6.9	39.6
S		9.5	37.0
B.M. ^{Nail in fence} opp. S/O 39+00		7.85	38.67
	39+50		
S		8.7	37.8
C		6.5	40.0
N		3.4	43.1
	40+00		
N		5.0	41.5
C		7.9	38.6
S		10.4	36.1

	40+50		
S	46.52	11.9	34.6
C		10.0	36.5
N		8.0	38.5
	41+00		
N		10.8	35.7
C		12.7	33.8
S		14.0	32.5
T.P.	12.98	47.47	12.03
	41+50		
S		14.9	32.6
C		13.7	33.8
N		11.7	32.8
	42+00		
N		8.6	38.9
C		10.8	36.7
S		13.2	34.3
	42+50		
S		10.9	36.6
C		8.5	39.0
N		6.5	41.0
	43+00		
N		4.4	43.1
C		6.4	41.1
S		8.5	39.0

	43+50		
S	47.5	7.1	40.4
e		5.0	42.5
N		1.9	45.6
	#3772.6 = 82+00		
N	47.47	2.1	45.4
C		4.2	43.3
S		6.2	41.3
check on B.M.	41.4		43.33
	10.00	53.33	43.33
	- 82+50 -		
S		10.1	43.2
C		7.4	45.9
N		4.5	48.8
	83+00		
N		4.7	48.6
C		6.7	46.6
S		8.5	44.8
	83+50		
S		9.3	44.0
C		6.9	46.4
N		3.7	49.6
	84+00		
N		3.8	49.5
C		6.3	47.0
S		8.7	44.6

	84+50		
S	53.33	8.8	44.5
C		6.2	47.1
N		3.7	49.6
	85+00		
N		3.9	49.4
C		6.4	46.9
S		8.7	44.6
	85+50		
S		9.8	43.5
C		7.6	45.7
N		5.4	47.9
	86+00		
N		7.4	45.9
C		9.2	44.1
S		10.9	42.4
	86+50		
S		12.2	41.1
C		10.4	42.9
N		8.7	44.6
	87+00		
N		9.4	43.9
C		11.2	42.1
S		13.2	40.1

87+50			
S	5333	13.4	39.9
C		11.5	41.8
N		9.5	43.8
88+00			
N		8.7	44.6
C		10.8	42.5
S		12.5	40.8
88+50			
S		11.2	42.1
C		9.3	44.0
N	14.1	7.4	45.9
T.P.	6.90	52.00	5.23 45.10
89+00			
N		4.1	47.9
C		6.5	45.5
S		8.9	43.1
89+50			
S		7.6	44.4
C		5.0	47.0
N		2.5	49.5
90+00			
N		1.6	50.4
C		4.4	47.6
S		6.5	45.5

32

90+50		
S	52.0	6.8 45.2
C		4.5 47.5
N		2.4 49.6
91+00		
N		3.4 48.6
C		5.9 46.1
S		8.2 43.8
91+50		
S		9.6 42.4
C		7.6 44.4
N		5.6 46.4
92+00		
N		8.0 44.0
C		9.8 42.2
S		11.4 40.6
92+50		
S		12.8 39.2
C		12.0 40.0
N		11.3 40.7
93+00		
N		12.2 39.8
C		13.1 38.9
S		14.0 38.0

	93+50		
S	52.00	14.8	37.2
E		14.2	37.8
N		13.2	38.8
T.P.	^{510 93100} 10.37	49.55	12.82
	94+00		
N		11.6	38.0
C	POSTED	12.6	37.0
S		13.3	36.3
	94+50		
S		13.4	36.2
C		12.7	36.9
N		11.9	37.7
	95+00		
N		11.2	38.4
C		12.2	37.4
S		13.0	36.6
	95+50		
S		11.8	37.8
C		10.2	38.4
N		8.7	40.9
	96+00		
N		5.8	43.8
C		7.9	41.7
S		9.4	40.2

	96+50		
S	49.6	6.6	43.0
C		4.6	45.0
N		2.5	47.1
	97+00		
N	49.55	0.7	48.9
C		3.0	46.6
S		4.4	45.2
T.P.	12.40	60.00	19.5
	97+30=00	"C" Line	
S		14.4	45.6
C		12.5	47.5
N		11.2	48.8
	0+50		
N		11.5	48.5 Bridge
C		13.3	46.7
S		15.0	45.0
	1+00		
S		13.3	46.7
C		10.9	49.1
N		9.7	50.3
	1+50		
N		0.7	59.3
C		3.0	57.0
S		5.8	54.2

	store's	H.I.		
nail at fence		60.00		
B.M.			681	53.19
T.P.	5.88	65.71	0.17	59.53
		2+00		
S			8.4	57.3
C			6.3	59.4
N			4.1	61.6
		2+40		
N			2.0	63.7
C			5.2	60.5
S			7.6	58.1
		2+50		
S			7.3	58.4
C			4.9	60.8
N			1.7	64.0
		3+00		
N			1.9	63.8
C			4.8	60.9
S			7.3	58.4
		3+50		
S			7.1	58.6
C			3.8	61.9
N			2.0	63.7

				34
				4+00
N		65.7	1.8	63.9
C			4.1	61.6
S			7.0	58.7
		4+50		
S			8.3	57.4
C			5.4	60.3
N			2.5	63.2
		5+00		
N			5.3	60.4
C			8.5	57.2
S			10.8	54.9
		5+50		
S			13.9	51.8
C			11.6	53.9
N			8.7	57.0
		6+00		
N			10.4	55.3
C			12.7	53.0
S			15.3	50.4
		6+50		
S		65.71	16.0	49.7
C			13.5	52.2
N			11.0	54.7
T.P.	12.01	65.77	11.95	53.76

	7700		
	6577		
N		12.0	52.8
C		14.5	51.3
S		17.0	48.8
	7+50		
S		17.2	48.6
C POSTED		13.9	51.9
N		10.4	55.4
	8+00		
N		8.0	57.8
C		11.9	53.9
S		15.9	49.9
	8+50		
S		14.5	51.3
C		8.8	57.0
N		4.6	61.2
	8+70 D.P.		
N		26	63.2
C		7.4	58.4
S		13.4	52.4
	9+00		
S		12.4	53.4
C		7.0	58.8
N		2.0	63.8

	9+50			
N		65.8	2.6	63.2
C		67		59.1
S		11.7		54.1
	10+00			
S		12.3		53.5
C		7.8		58.0
N		2.9		62.9
	10+50			
N		3.6		62.2
C		8.1		57.7
S		12.4		53.4
	11+00			
S		13.5		52.3
C		9.1		56.7
N		6.4		59.4
	11+50			
N		65.27	5.9	59.9
C		9.3		56.5
S		14.1		51.7
T.P.	9.92	66.40	9.29	56.48
	12+00			
S		14.2		52.2
C		9.5		56.9
N		6.3		60.1

		12+50		
N		66.40	6.4	60.0
C			10.2	56.2
S			15.7	50.7
		13+00		
S	POSTED		17.2	48.2
C			11.0	55.4
N			6.9	59.5
		13+50		
N			9.5	56.9
C			13.7	52.7
S			18.0	48.4
T.P.	414	58.78	11.26	54.64
		14+00		
S			13.2	45.6
C			8.5	50.3
N			5.8	53.0
		14+50		
N			8.7	50.1
C			10.8	48.0
S			14.2	44.6
		15+00		
S			14.4	44.4
C			11.8	47.0
N			9.5	48.3

		15+50		
N		58.78	7.7	51.1
C			10.0	48.8
S			12.3	46.5
		16+00		
S			9.0	49.8
C			6.2	52.6
N			3.7	55.1
		16+50		
N			1.1	57.7
C			4.0	54.8
S			5.2	53.6
		Nail post oppsta. 16+75		
T.P.=B.M.	72.56	68.42	2.92	55.86
		17+00		Bridge
S			11.4	58.0
C			9.3	59.1
N			6.3	62.5
		17+50		
N			2.0	66.4
C			4.4	64.0
S			7.5	60.9
		18+00		
S			3.3	65.1
C			1.4	67.0
N			0.0	68.4

18400

T.P.	7.21	68.42	74.06	1.57	66.85
		18750			
N.			3.3		70.8
C.			6.6		67.5
S.			9.0		65.1
		19400			
S.			8.1		66.0
C.			4.6		69.5
N.			1.5		72.6
		19485			
N.			0.6		73.5
C.			4.5		69.6
S.			7.8		66.3
		20400			
S.			74.66	11.1	63.0
C.				6.9	67.2
N.				-1.0	75.06
T.P.	11.04	76.45	8.65		65.41
		20450			
N.			2.4		74.0
C.			12.7		64.2
S.			16.6		59.8

37

		21400			
S.		76.4	20.4		56.0
C.			14.4		62.0
N.			5.9		70.5
		21450			
N.		76.45	5.2		71.2
C.			14.7		61.7
S.			23.7		52.7
B.M.	0.1 rock. 5/9 21450	63.9	71.29	11.53	64.90
		22400			
S.			19.6		51.9
C.			13.5		57.8
N.			5.5		65.8
		22435			
N.		71.29	6.5		64.8
C.			13.4		57.9
S.			21.0		50.3
T.P.	5.30	65.88	10.71		60.58
		23400			
N.			0.6		65.3
C.			13.1		52.8
S.			20.6		45.3

	23+50		
S	65.88	19.9	46.0
C		11.9	54.0
N		3.4	62.5

24+00

N		0.8	65.1
C		11.1	54.8
S		19.3	46.6

24+50

S		19.0	46.9
C		9.8	56.1
N		0.4	65.5

25+00

N		2.5	63.4
C		10.7	55.2
S		17.8	48.1

25+20

S	65.88	15.7	49.2
C = BM on bus		9.37	56.57
N		0.4	65.5

25+50

N		0.0	65.9
C		10.2	55.7
S		21.0	44.9

	26+00		
S	65.9	18.6	47.3
C		11.3	53.6
N		1.4	63.5

26+50

N		1.3	64.6
C		7.8	58.1
S		15.0	50.9

27+00

S		14.8	51.1
C	65.88	7.8	58.1
N		1.8	64.1

T.P. 10.56 71.42 50.2 60.86

27+50

N		5.1	66.3
C		11.2	60.2
S		16.0	55.4

27+85

S		16.7	54.7
C		11.0	60.4
N		6.7	64.7

28+50

N		-1.0	72.4
C		11.3	60.1
S		21.9	49.5

28

		29+00		
S		71.42	25.4	46.0
C			15.3	56.1
N			3.5	67.9
		29+50		
N			7.8	63.6
C	POSTED		15.4	56.0
S			23.0	48.4
T.P.	725	67.07	11.60	59.82
		30+00		
S			18.7	48.4
C			12.5	54.6
N			6.1	61.0
		30+55		
N			1.0	66.5
C			2.6	58.5
S			18.5	48.6
		31+00		
S			20.3	46.8
C			11.3	55.8
N			-0.6	67.7
		31+50		
N			2.0	65.1
C			13.4	53.7
S			22.7	44.2

39

		32+00		
S		67.07	27.8	39.3
C			18.3	48.8
N			7.8	59.3
T.P.	344	58.99	11.52	55.55
		32+55		
N		59.0	5.9	53.1
C			14.2	44.8
S			22.0	37.0
		33+00		
S			23.4	35.6
C			14.9	44.1
N			7.1	51.9
		33+50		
N		58.99	8.8	50.2
C			17.7	41.3
S			26.7	32.3
T.P.	111	47.93	12.17	46.82
		34+00		
N			2.5	45.4
C			13.3	34.6
T.P.	710		17.3	30.6
S			21.3	26.6

34+57 = 131 + 278 Main line

S	49.93	24.5	22.4
+10		21.8	26.1
C		22.3	25.6
N		7.4	40.5
ck.	8.51		39.42

97+50 Main line

617 59.36 53.19

S	15.2	44.2
C	13.4	46.0 ^{Bridge}
N	12.1	47.3

98+00

N	12.1	47.3
C	13.5	45.9
S	16.1	43.3

98+50

S	14.7	44.7
C	17.0	48.4
N	7.3	52.1

99+00

N	4.7	54.7
C	6.1	53.3
S	8.7	50.7

99+50

S	59.4	8.9	50.5
C		6.5	53.4
N		3.8	55.6
	100+00		
N		4.0	55.4
C		6.3	53.1
S		8.8	50.6

100+50

S	8.7	51.7
C	6.3	53.1
N	4.3	55.1

101+00

N	4.3	55.1
C	6.3	53.1
S	8.7	50.7

101+50

S	9.4	50.0
C	6.8	52.6
N	4.2	55.2

102+00

N	6.0	53.4
C	8.2	51.2
S	11.0	48.4

		102+50		
S		59.4	13.3	46.1
C			11.2	48.2
N			9.4	50.0
		103+00		
N			11.5	47.9
C			13.4	46.0
S			15.7	42.7
		103+50		
S			16.7	42.7
C		59.36	14.6	44.8
N			12.5	46.9
T.P.	549	52.58	12.27	47.09
		104+00		
N			7.0	45.6
C			9.0	43.6
S			11.3	41.3
		104+50		
S			12.5	40.1
C			10.4	42.2
N			8.3	44.3
		105+00		
N			9.1	43.5
C			11.8	40.8
S			14.1	38.5

		105+50		
S		52.6	15.9	36.7
C			12.2	40.4
N			8.5	44.1
		106+00		
N			7.7	44.9
C			11.9	40.7
S			15.7	36.9
		106+50		
S			16.0	36.6
C			12.4	40.2
N			7.7	44.9
		107+00		
N			8.0	44.6
C			12.0	40.6
S			15.3	37.3
		107+50		
S			15.4	37.2
C			12.2	40.4
N			8.6	44.0
		108+00		
N			8.3	44.3
C			11.3	41.3
S			14.9	37.7

	108+50		
S	52.6	15.1	37.5
C		12.3	40.3
N		8.8	43.8
	109+00		
N		9.0	43.6
C		12.6	40.0
S		16.0	26.6
	109+50		
S		16.3	36.3
C		13.3	39.3
N		10.2	42.4
	110+00		
N		11.6	41.0
C		14.8	37.8
S		17.5	34.1
	110+50		
S	52.58	18.8	33.8
C		16.4	36.2
N		13.3	39.3
T.P.	7.08	47.30	12.36
		40.22	
	111+00		
N		8.8	38.5
C		11.7	35.6
S		14.4	32.9

	111+50		
S	47.30	13.8	33.5
C		11.3	26.0
N		9.0	38.3
	112+00		
N		9.3	36.0
C		11.5	35.8
S		13.4	33.9
	113+00		
S		9.2	38.1
C		7.0	40.3
N		4.3	43.0
	113+50		
N	47.32	2.0	45.3
C		3.6	43.7
S		6.1	41.2
T.P.	12.87	59.40	0.77
S		14.5	44.9
C		12.1	47.3
N		9.8	49.6
	114+50		
N		5.3	54.1
C		7.6	51.8
S		11.0	48.4

115+00
 S 59.40 7.2 57.2
 C 4.8 54.6
 N 2.1 57.3

115+50
 N 0.8 58.6
 C 3.2 56.2
 S 5.4 54.0

116+00
 S 5.5 53.9
 C 2.2 57.2
 N 0.0 59.4
 T.P. 2.61 59.79 2.22 57.18

116+50
 N 0.7 59.1
 C 3.3 56.5
 S 6.6 53.2

117+00
 S 8.0 51.8
 C 5.0 54.8
 N 2.7 57.1

119+50
 N 3.1 56.7
 C 6.3 52.5
 S 9.2 50.6

118+00
 S 59.79 9.7 50.1
 C 7.4 52.4
 N 2.9 56.9
 T.P. = BM 0.44 56.93 3.30 56.49
 (N. of Rock opp. 118+00)

118+21.3
 N 0.8 56.1
 C 5.3 51.6
 S 9.1 47.8

118+50
 S 11.6 45.3
 C 8.3 48.6
 N 3.1 53.8

119+00
 N 1.0 55.9
 C 56.93 8.1 48.8
 S 11.4 45.15
 BM 2.37 49.32 9.98 46.95

119+50
 N -7.0 56.3
 C 0.2 49.1
 S 6.5 42.8

		120+00		
N		49.32	5.7	43.6
C			9.5	39.8
S			14.2	35.1
T.P	022	37.25	12.29	37.03

		120+50		
S			6.8	30.4
C			3.7	33.5
N			-3.0	40.2

		121+00		
N			3.9	33.3
C			5.6	31.6
S			11.3	25.9

		121+50		
S			14.7	22.5
C			9.8	27.4
N			4.5	32.7

		122+00		
N			5.0	32.2
C			10.3	27.9
S			15.1	22.2

		122+50		
S			16.0	21.2
C			10.6	26.6
N			6.9	30.3

		123+00		
N		37.2	6.3	30.9
C			10.8	26.4
S			17.7	19.5

		123+50		
S			17.7 ^c	19.5
C			10.6	26.6
N			4.8	32.4

		124+00		
N			4.2	33.0
C		37.25	12.1	25.1
S			4.1	17.7
T.P	8.43	33.73	11.95	25.30

		124+50		
S			14.2	19.5
C			7.8	25.9
S/N			4.5	29.2
N			0.8	32.9

		125+00		
N			-2.6	31.1
15'			5.5	28.2
C			9.2	24.5
10'			10.7	23.0
S			14.3	19.4

	125+50		
S	33.73	13.3	20.4
C		10.6	20.1
+ 12'		7.7	26.0
N		3.7	30.0
	126+00		
N		4.2	29.5
15'		9.0	24.7
C		10.4	23.3
S		12.0	21.7
	126+50		
S		12.1	21.6
C		11.2	22.5
10'		9.8	23.9
N		5.4	27.3
	127+00		
N		8.5	25.2
C		10.9	24.8
S		13.0	20.7
	127+50		
S		13.8	19.9
C	33.73	12.2	21.5
+ 12' Barn		10.2	23.5
T.P	11.91	33.45	12.19
			21.54

	128+00		
N	33.4	9.3	24.1
C		13.1	20.3
S		13.4	20.0
	128+50		
S		13.3	20.1
C		11.3	22.1
N		6.8	26.6
	129+00		
N		3.8	29.6
C		9.8	23.6
S		13.2	20.2
	129+338		
S		13.8	19.6
C		10.1	23.3
N		3.9	29.5
	130+0		
N		2.2	31.2
C		7.8	25.6
S		13.4	20.0
	130+50		
S	33.45	13.3	20.1
C		8.6	24.8
N		2.0	31.4
BM	on Fall in post S of Road Sta 131+21	10.70	22.75

		131400		
	11.90	34.65		22.75
S			12.9	21.7
C			8.8	25.8
+10			1.8	32.8
N			+4.0	38.6
		132400		
S			5.7	28.9
15'			0.2	34.4
C	POSTED		0.6	34.0
4'			0.0	34.6
10'		34.65	-5.0	39.6
N			-11.0	45.6
T.P.	11.68	45.50	0.83	33.82
		132750		
N			-4.2	49.7
20			0.0	45.5
C			6.8	38.7
S			10.8	34.7
		133400		
S			5.4	40.1
C			4.0	41.5
+5			3.2	42.3
+10			-5.0	50.5
			-7.0	57.5

		133450		
N		45.50	-4.0	49.5
+20			-2.0	47.5
C			3.1	42.4
S			3.5	42.0
		134400		
S			7.6	37.9
C			5.4	40.1
N			3.1	42.4
		134450		
N			8.2	37.3
C			7.8	37.7
S			9.4	36.1
		135400		
S			11.5	34.0
C			9.7	35.8
N			8.8	36.7
		135450		
N			8.6	36.9
C			9.9	35.6
S			11.1	34.4
		136400		
S			10.7	34.8
C			9.6	35.9
N			8.4	37.1

		136+48.2		
N			8.1	37.4
C		45.50	9.7	35.8
S			10.9	34.6
T.P.	8.16	44.83	8.83	36.67
		137+00		
S			7.9	36.9
C			7.0	37.8
N			6.1	38.7
		137+50		
N			4.5	40.3
C			5.6	39.2
S			6.9	37.9
		138+00		Bridge
S			6.4	38.4
C			4.9	39.9
N			3.8	41.0
		138+50		
N			3.2	41.6
C			4.1	40.7
S			6.2	38.6
		139+00		
S			5.9	38.9
C			4.6	40.2
N			3.1	41.7

		139+50		
N		4.8	4.4	40.4
C			6.2	38.6
S			9.5	37.4
		140+00		
S			7.2	35.6
C			8.1	36.7
N			4.5	40.3
		140+56.1 = 471		
N		44.83	2.5	41.3
C			8.5	36.2
S			11.1	33.7
Biff	split pole at Sta 140+56.1 13.5	35.10	11.08	33.75
		141+00		
S			2.8	37.3
C			3.2	31.9
N			3.2	31.9
		141+50		
N			5.5	29.6
C			5.9	29.2
S			5.2	29.9
		142+00		
S			8.5	26.6
C			8.4	26.7
N			8.6	26.5

	142150		
N	35.10	9.4	25.7
C		9.4	25.7
S		9.5	25.6

	143100		Change
S		9.8	25.3
C		9.5	25.6
N		9.3	25.8

	143150		
N		9.5	25.6
C		9.4	25.7
S		9.6	25.5

	144100		
S		9.6	25.5
C		9.3	25.8
N		9.2	25.9

	144150		
N		9.1	26.0
C	35.10	9.2	25.9
S		9.4	25.7

T.P. ⁷⁰⁰ in post. 5.01 31.30 8.81 26.29 N

	145100		
S		5.6	25.7
C		5.4	25.9
N		5.1	26.2

	145150		
N	31.3	5.0	26.3
C		5.2	26.1
S		5.4	25.9

	146100		
S		5.1	26.2
C		5.0	26.3
N		4.7	26.6

	146150		
N		4.5	26.8
C		4.5	26.8
S		4.8	26.5

	147100		
S		4.6	26.7
C		4.1	27.2
N		3.7	27.6

	147150		
N		4.5	26.8
C		4.6	26.7
S		4.1	27.2

	147175		
S		4.0	27.3
C		3.7	27.6
N		3.3	28.0

	148+00		
N	31.30	3.3	28.0
C		4.0	27.3
S		4.1	27.2
	148+50		
S	31.30	3.8	27.5
C		3.5	27.2
N		3.5	27.2
T.P.	11.58	42.55	0.33
			30.97
	149+00		
N		6.8	40.7
C		8.7	33.8
S		11.8	30.7
	149+58	ASPT	
S		11.5	31.0
C		7.2	35.3
N		4.6	37.9
	150+00		
N		3.7	38.8
C		7.1	35.4
S		11.8	30.7
	150+50		
S		11.2	31.3
C		6.3	36.2
N		3.0	39.5

49

	151+00		
N	42.55	0.6	41.9
C		5.4	37.1
S		9.4	33.1
T.P.	8.03	49.59	0.99
			41.54
	151+50		
S		16.3	33.3
C		12.4	37.2
N		7.0	47.6
	152+00		
N		6.5	43.0
C		10.5	39.1
S		14.3	35.3
	152+50		
S		14.3	35.3
C		11.6	38.0
N		7.3	47.3
	153+00		
N		5.4	44.2
C		9.0	40.6
S		12.7	36.9
	153+50		
S		12.5	37.1
C		8.0	41.6
N		3.4	46.2

	154+00		
N	49.59	1.9	47.7
C		5.9	43.7
S		11.1	38.6
	154+50		
S		10.6	39.0
C		5.9	43.7
N		2.6	47.0
	155+00		
N		1.1	48.5
C		4.1	45.5
S		7.5	42.1
	155+27		
S		7.1	42.5
C		3.3	46.3
N		1.9	47.7
	155+50		
N		2.1	47.5
C	49.59	3.9	45.7
S		8.4	41.2
BM	Full Post Sta 155+20 288	46.97	3.50
	156+00		
S	47.0	7.8	39.2
C		3.6	43.4
N		0.6	46.4

opp. Pedat House

	156+50		
N	47.0	1.8	45.2
C		5.1	41.9
S		9.5	37.5
	157+00		
S		12.6	34.4
C		7.0	40.0
N		2.9	44.1
	157+50		
N		7.8	39.2
C	46.97	12.6	34.4
S		16.4	30.6
T.P	109	35.97	12.09
			34.88
	158+00		
S	36.0	12.6	23.4
C		11.2	24.8
N		8.6	27.4
	158+50		
N		12.0	24.0
C		13.0	23.0
S		12.6	23.4
BM	Full Post Sta 158+50 512	29.57	11.52
			24.45

159+00			
S	29.57	6.5	23.1
C		6.1	23.5
N		5.8	23.8

159+50			
N		6.1	23.5
C		6.2	23.4
S		6.2	23.5

160+00			
S		5.8	23.8
C		5.5	24.1
N		5.3	24.3

160+50			
N		5.2	24.4
C		4.8	24.8
S		4.7	24.9

161+00			
S		4.7	25.2
C		4.6	25.0
N		5.0	24.6

161+50			
N		4.8	24.8
C		4.4	25.2
S		4.4	25.2

162+00			
S	29.6	4.5	25.1
C		4.6	25.0
N		4.2	25.4

162+50			
N		4.2	25.4
C		4.3	25.3
S		4.5	25.1

163+00			
S		4.1	25.5
C		4.3	25.3
N		4.1	25.5

163+50			
N		4.4	25.2
C		4.4	25.2
S		4.5	25.1

164+00			
S		3.9	25.7
C		3.9	25.7
N		4.1	25.5

164+50			
N		4.6	25.0
C		4.1	25.5
S		4.0	25.6

		165+00		
S		29.57	4.0	25.6
C			4.3	25.3
N			4.9	24.7
T.P.	8.54	32.79	5.32	24.25
		165+50		
N			8.1	24.9
C			8.2	24.6
S			8.1	24.7
		166+00		
S			7.9	24.9
C			8.0	24.8
N			8.0	24.8
		166+50		
N			7.6	25.2
C			8.1	24.7
S			7.4	25.4
		167+00		
S			7.7	25.1
C			8.2	24.6
N			8.0	24.8
		167+50		
N			5.9	26.9
C			7.9	24.9
S			8.4	23.4

		168+00		
S		32.8	7.8	25.0
C			5.7	27.1
N			5.0	27.8
		168+50		
N			4.1	28.7
C			4.2	28.6
S			4.7	28.1
		169+00		
S			4.7	28.6
C			4.0	28.8
N			4.2	28.6
		169+50		
N			4.5	28.3
C			4.2	28.6
S			3.9	28.9
		170+00		
S			4.1	28.7
C			4.2	28.6
N			4.5	28.3
		170+50		
N			4.0	28.8
C			4.1	28.7
S			3.8	29.0

171+00			
S	3279	3.7	29.1
C		4.0	28.8
N		3.5	29.3

171+50			
N		3.7	29.1
C		3.6	29.2
S		3.9	28.9

172+00			
S		3.0	29.8
C		3.4	29.4
N		3.2	29.6
T.P.	602	36.26	2.55 30.24

172+50			
N		7.2	29.1
C		7.1	29.2
S		6.9	29.4

173+00			
S		7.2	29.1
C		7.5	28.8
N		7.5	28.8

173+50			
N		7.0	29.3
C		6.9	29.4
S		7.1	29.2

174+00		
S	36.3	6.7 29.6
C		5.9 30.4
N		6.6 29.7

174+50		
N		6.2 30.1
C		5.9 30.4
S		6.2 30.1

175+00		
S		5.6 30.7
C		5.2 31.1
N		5.2 31.1

175+50		
N		4.2 32.1
C		4.4 31.9
S		4.6 31.7

176+00		
S		4.1 32.2
C		3.2 33.1
N		2.9 33.4

176+50		
N		1.8 34.5
C		2.2 34.1
S		3.0 33.3

177+00			
S	36.26	1.8	37.5
C		0.9	35.4
N		0.2	36.1
T.P.	9.40	45.26	0.40
			35.86

177+50			
N		7.8	37.5
C		7.7	37.6
S		8.8	36.5

POSTED

178+00			
S		8.7	37.1
C		7.0	38.3
N		6.5	38.8

178+31.3			
N		4.7	40.4
C	45.26	6.1	39.2
S		7.3	38.0
B.M. on rail. app post at pueblo cor.		5.54	39.72

179+00			
S		5.9	39.4
C		4.9	40.4
N		4.3	41.0

179+50			
N	45.3	5.3	40.0
C		6.7	38.6
S		7.3	38.0

180+00			
S		6.2	39.1
C		5.2	40.1
N		4.5	40.8

180+50			
N		4.4	40.9
C		5.0	40.3
S		5.6	39.7

181+00			
S		6.0	39.3
C		5.2	40.1
N		4.2	41.1

181+50			
N		5.0	40.3
C		5.5	39.8
S		6.8	38.5

182+00			
S		8.1	37.2
C		7.4	37.9
N		6.8	38.5

182+50

N	45.3	7.2	38.1
C		8.0	37.3
S		8.7	36.6

183+00

S		9.4	35.9
C		8.5	36.8
N		8.1	37.2

183+50

N		8.6	36.7
C		9.0	36.3
S		9.9	35.4

184+00

S	45.26	10.1	35.2
C		9.5	35.8
N		8.4	36.9

T.P. 7.52 43.89 8.89 26.37

184+50

N		4.7	39.8
C		6.7	37.2
S		8.5	35.4

185+00

S		7.9	36.0
C		5.0	38.9
N		2.3	41.6

185+50

N	43.9	2.5	41.4
C		5.5	38.4
S		9.4	34.5

186+00

S		9.9	34.0
C		7.8	36.1
N		4.3	39.6

186+50

N		4.5	39.4
C		9.0	34.0
S		11.6	32.3

187+00

S		11.8	32.1
C		9.9	34.0
N		6.9	37.0

187+50

N		6.7	37.2
C		10.5	33.4
S		12.0	31.9

188+00

S		12.2	31.7
C		10.7	33.2
N		8.9	35.0

188+50

N	43.89	7.4	36.5
C		10.8	33.1
S		12.4	31.5

189+00

S		12.2	31.7
C		11.3	32.6
N		6.6	37.3

189+50

N		6.7	37.2
C		10.7	35.2
S		11.8	32.1

190+00

S		11.9	32.0
C		11.5	32.4
N		7.5	36.4
T.P.	468	39.19	9.40

190+50

N		11	38.1
C		5.4	33.8
S		6.6	32.6

191+00

S		6.9	32.3
C		5.9	33.3
N		1.9	37.5

191+50

N	39.2	0.9	38.3
C		6.0	33.2
S		7.1	32.1

192+00

S		7.0	32.2
C		6.4	32.8
N		3.2	36.0

192+50

N		3.9	35.3
C		5.4	33.8
S		6.9	32.3

193+00

S		6.5	32.4
C		5.0	34.2
N		3.0	36.2

193+50

N		2.2	37.0
C		5.6	33.6
S		6.7	32.5

194+00

S		6.2	33.0
C		5.1	34.1
N		2.8	36.4

	194750		
N	39.17	4.5	34.7
C		5.1	34.1
S		6.6	32.6
	195400		
S		7.4	31.8
C		5.6	33.6
N		4.5	34.7
BM	on Rock. opp SK Mt. 12.76	45.20	6.73
			32.44
	195450		
N		13.3	31.9
C		11.2	34.0
N		5.9	39.0
	196400		
N		7.2	38.0
C		10.8	34.4
S		13.5	31.7
	196454		
S		13.0	32.2
C		10.2	35.0
N		6.9	38.3
	197400		
N		4.9	40.3
C		8.2	37.0
+15		10.6	34.6
S		14.6	30.6

	197450		
S	45.2	16.3	28.9
+15		10.5	34.7
C		8.8	36.4
N		3.6	41.6
	198400		
N		3.0	42.2
C		9.5	35.7
+15		10.9	34.3
S		16.0	29.2
	198450		
S		15.4	29.8
+15		10.7	34.5
C		10.5	34.7
N		2.1	43.1
	199400		
N		4.5	40.7
C		8.6	36.6
S		14.0	41.2
	199450		
S		13.5	21.7
C		10.6	44.6
N		4.8	40.4

		200+00	
N		45.20	1.3
C			7.3
S			11.6
			33.6
		200+50	
S			11.0
C			9.0
N			2.6
T.P.	enRiek. 9.93	45.95	9.18
			36.02
		201+00	
N			5.2
C			10.2
S			14.8
			34.1
		201+50	
S			12.0
C			10.6
N			9.1
			36.8
		202+00	
N			8.2
C			10.2
S			12.4
			33.5
		202+50	
S			12.4
C			9.6
N			6.3
			39.6

		203+00	
N		45.9	6.4
C			9.6
S			13.0
			37.9
		203+50	
S			12.9
C			8.9
N			5.5
			40.4
		204+00	
N			9.8
C			10.5
S			13.4
			37.5
		204+50	
S			12.2
C			10.0
N			9.0
			36.9
		205+00	
N			7.0
C			9.1
S			11.2
			34.7
		205+50	
S			11.3
C			9.8
N			8.6
			37.3

	206+00		
N	45.95	8.6	37.3
C		9.6	36.3
S		11.8	34.1

	206750		
S		10.6	35.3
C		8.3	37.6
N POSTED		5.5	40.4

	207+00		
N		1.9	44.0
C		5.7	40.2
S		9.7	36.2
T.P. ^{on rock,} 609	43.64	8.40	37.55

	207+50		
N		0.0	
C		3.3	40.3
S		7.5	36.1

	207+85		
S		7.0	36.6
C		4.3	39.3
N		2.1	41.5

	208+00		
N		2.5	41.1
C		4.8	38.8
S		8.1	35.5

	208+50		
S	43.6	11.0	32.0
C		8.1	35.5
N		6.1	37.5

	209+00		
N		7.4	36.8
C		8.4	35.2
S		12.3	31.3

	209+50		
S		12.2	31.4
C		8.1	35.5
N		7.2	36.4

	210+00		
N		5.6	38.0
C		6.7	36.9
S		11.0	32.6

	210+50		
S		9.4	34.2
C		6.6	39.0
N		4.6	39.0

	211+00		
N		5.1	38.5
C		7.1	36.5
S		9.2	34.4

		211+50		
S		43.6	8.3	35.3
C			6.2	37.4
N			4.3	39.3

		212+00		
N			1.1	42.5
C			4.9	38.7
S			8.4	35.2

		212+50		
S			7.3	36.3
C		43.64	5.4	38.2
N			1.9	41.7
T.P.	10.44	49.51	6.57	37.07

		213+00		
N			9.2	38.3
C			10.6	36.9
S			12.9	34.5

		213+50	4 P+	
S			12.7	34.8
C			10.6	36.9
N			7.2	38.3

		214+00		
N			8.9	38.6
C			10.4	37.1
S			13.2	34.3

		214+50		
S		47.5	13.2	34.3
C			10.2	37.3
N			9.5	38.0

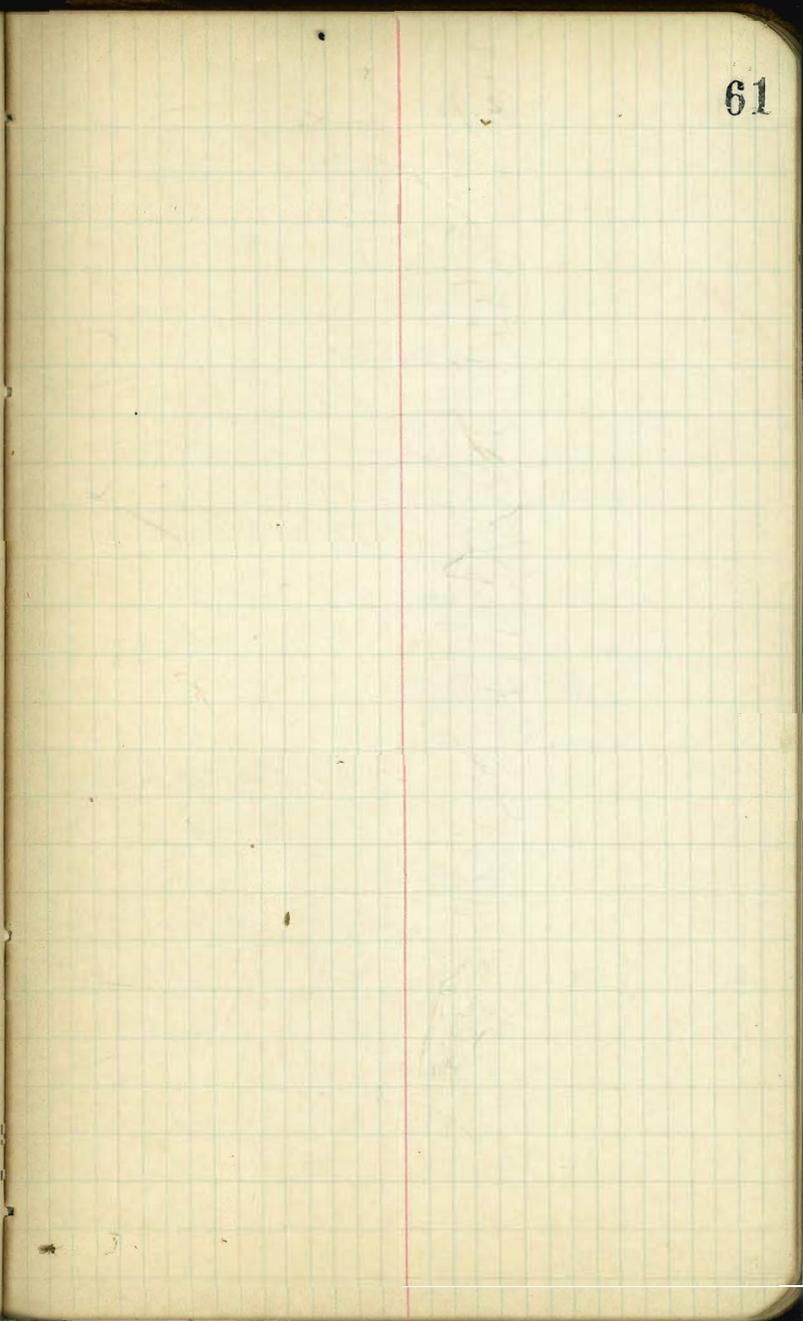
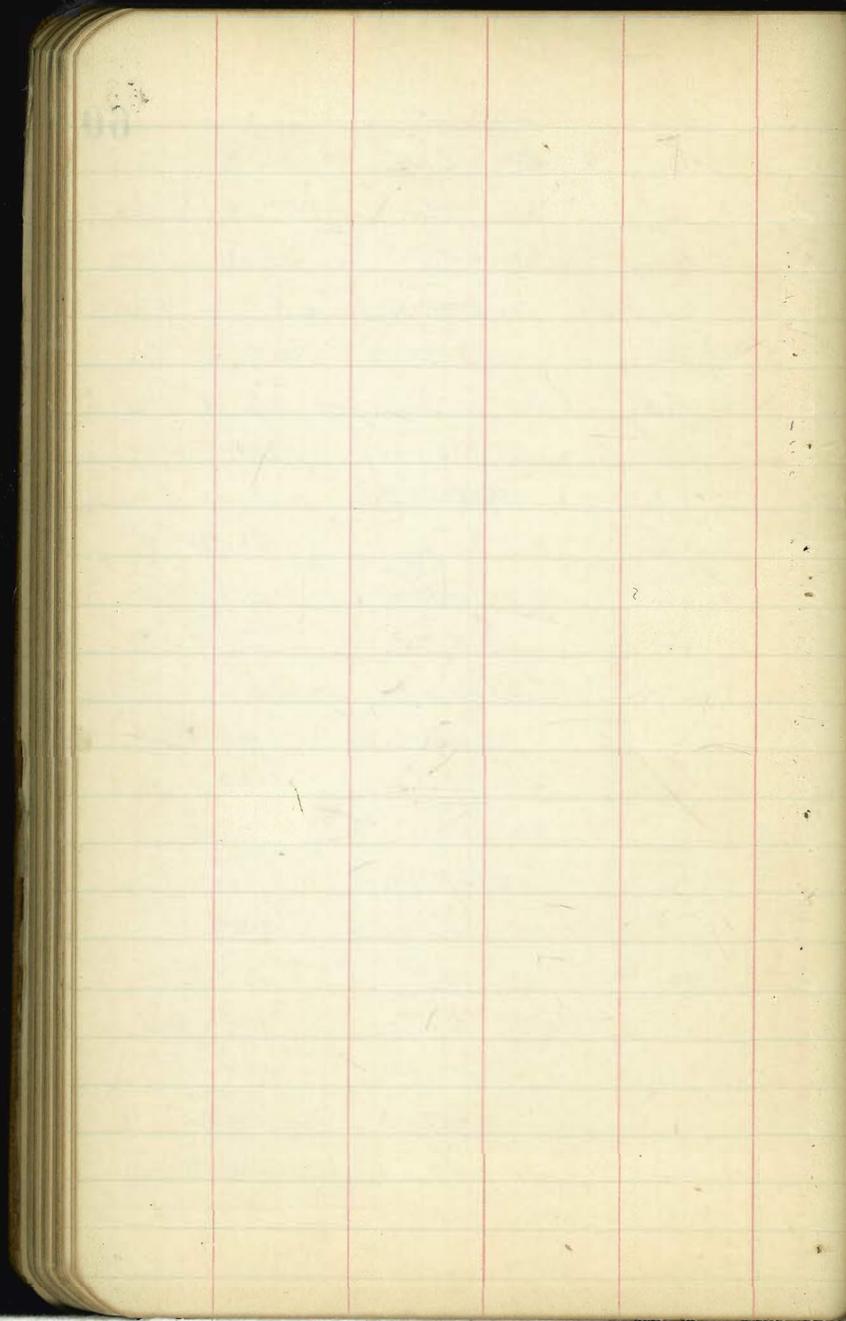
		215+00		
N			10.2	37.3
C			10.6	36.9
S			12.0	35.5

		215+50		
S			11.3	36.2
C			9.9	37.6
N			9.7	37.8

		216+00		
N			6.9	40.6
C			8.7	38.8
S			10.6	36.9

		216+50		
S			10.4	37.1
C			8.7	38.8
N			6.5	41.0

		217+00		
N			5.0	42.5
C			8.3	39.2
S			10.0	37.5



10.

217+50

S	47.5	9.8	37.7
C		7.8	39.7
N		5.5	42.0

218+00

N		7.4	40.1
C		8.6	38.9
S		10.2	37.3

218+50

S		10.8	36.7
C		9.4	38.1
N		8.9	38.6

219+00

N		9.2	38.3
C		9.8	38.7
S		9.7	37.8

219+50

S		10.5	37.1
C		8.0	39.5
N		5.7	41.8

220+00

N		2.8	44.7
C	45.51	8.3	39.2
S		10.1	37.4

T.P.=50
 Mail in Post opp Sta 220+00

8.90 38.61

994

4.1
48.35

38.61

62

220+50

S		10.6	37.7
C		10.8	37.5
N		9.1	39.2

221+00

N		9.2	39.1
C		10.8	37.5
S		10.3	38.0

221+50

S		10.2	38.1
C		10.9	37.4
N		9.8	38.5

222+00

N		8.5	39.8
C		10.7	37.6
S		10.2	38.1

222+50

S		9.9	38.4
C		10.0	38.3
N		9.6	38.7

223+00

N		9.2	39.1
C		9.7	38.6
S		9.5	38.8

	223+50		
S	48.3	9.3	39.0
C		9.5	38.8
N		9.3	39.0

224+00 L Pt.

N		6.5	41.8
C		8.6	39.7
S		8.8	39.5

224+50

S		8.6	39.7
C		9.6	40.7
N		5.9	42.4

225+00

N		6.9	41.4
C		7.2	41.1
S		8.1	40.2

225+50

S		7.1	41.2
C		5.6	42.7
N		4.0	44.3

226+00

N		2.8	45.5
C		5.0	43.3
S		6.5	41.8

	226+50		
S	48.3	6.5	41.8
C		4.2	44.1
N		2.0	46.3

227+00

N		3.1	45.2
C	48.35	4.5	43.8
S		6.1	42.2

T.R. 546 49.08 47.3 43.62

227+50

S		7.8	41.3
C		7.2	41.9
N		6.4	42.7

228+00

N		8.7	40.4
C		8.7	40.4
S		8.3	40.8

228+50

S		8.1	41.0
C		8.4	40.7
N		8.3	40.8

229+00

N		5.9	43.2
C		7.2	41.9
S		7.9	41.2

	229+50		
S	49.08	8.7	40.9
C		7.6	41.5
N		6.9	42.2
	230+00		
N		5.2	43.9
C		7.2	41.9
S. POSTED		9.6	40.5
	230+50		
S		12.2	36.9
C		6.8	42.3
N		5.2	43.9
	230+81.3		city limits
N		6.7	42.4
C	49.08	8.9	40.2
S		12.4	36.7
B.M. Halling post.		6.94	42.14
	230+66		

main line Sta 19+00 to Sta 28+60

	356	H.I. 17.57	14.01
		19+00	
S		3.1	
C		3.3	
N		3.4	
		19+20	POSTED
N		12.8	
C		12.4	
S		12.4	
		19+50	
S		14.1	
C		12.3	
N		12.3	
		20+00	
N		12.8	
C		12.0	
S		12.6	
		20+50	
S		12.7	
C		12.0	
N		10.6	
		21+00	
N		11.9	
C		10.7	
S		10.2	

65

			21+50	
S			10.7	
C		17.57	10.5	
N			10.6	
T.P.	6.90	H.I. 17.74	9.73	7.84
			22+00	
N			8.7	
C			7.8	
S			7.8	
			22+50	
S			7.9	POSTED
C			7.9	
N			8.5	
			23+00	
N			8.1	
C			8.1	
S			7.5	
			23+50	
S			7.8	
C			7.9	
N			7.6	
			24+00	
N			6.5	
C			6.8	
S			7.6	

		24.50	
S		14.4	7.4
C			6.5
N			5.8
		25.00	
N			4.8
C			5.7
S			6.9
		25.50	
S			6.1
C			4.9
N			4.2
		26.00	
N			3.6
C			4.4
S			5.8
		26.50	
S			6.8
C			5.3
N			2.9
		27.00	
N			1.2
C			4.4
S			6.8
T.P.	8.13	19.31	3.56

		27.50	
		19.31	
S			10.1
C			6.2
N			3.3
		28.00	
N			2.0
C			5.0
S			8.2
		28.60	= 600k pt.
S			11.4
C			11.2
N			10.3

Levels on D. Line

BT	8.10	^{4.1.} 30.85	22.75
	124+60 = 0+100 D. Line		
S		30.8	12.4
C			6.7
+10'			14
N		-1.0	31.85
	0+50		
N			1.5
+15'			6.7
C			6.4
S		12.0	18.8
	1+00		
S		11.9	18.9
C		8.8	22.0
N		4.8	26.0
	1+50		
N		7.2	23.6
C		8.5	22.3
S		11.9	18.9
	2+00		
S		12.0	18.8
C		8.8	22.0
N		7.5	23.3

		2+50	
N		6.9	23.9
C	30.8	8.9	21.9
S		13.5	17.3
	3+00		
S		13.4	17.4
C		10.1	20.9
N		6.7	24.1
	3+50		
N		4.9	25.9
C		9.1	21.9
S		11.7	19.1
	4+00		
S	30.85	10.9	19.9
C		6.7	24.1
N		-1.0	31.85 31.8
T.P	9.60	35.49	4.96 25.89
	4+50		
N		0.0	35.5
C		7.0	28.5
S		15.0	20.5
	5+00		
S		14.9	20.6
C		9.3	26.2
N		1.9	33.6

10

	5+15.7 = 129+81.2		
N		0.5	35.0
C	35.5	10.2	25.3
S		15.8	19.9

BM	11.83	58.78		46.95
	13.00	70.41	1.39	59.41

68

Levels on "E" Line

$$19+25 \text{ "C" Line} = 0+00 \text{ "E" Line}$$

N		-2.2	72.6
C		0.9	69.5
S		4.4	66.0
	0+5.0		
S	70.4	7.9	62.5
C		3.5	66.9
N		-2.0	72.4
	1+0.0		
N		0.9	69.5
C		3.5	62.9
S		11.0	59.4
	1+5.0		
S		13.8	56.6
C		12.1	58.3
N		4.6	65.8
	2+0.0		
N		8.4	62.0
C		15.4	55.0
S		17.7	52.7

68.

	1151	58.86	4695
	2+50		
S		58.9	10.6
C			48.3
N		9.1	49.8
		2.8	56.1
	3+0.4 =		119+2) 119.2
N		3.0	55.9
C		9.5	49.4
S		13.7	45.2

Levels on F. Line

	37+	17.75	1401
	0+60		
N		3.2	14.5
C		3.2	14.5
S		3.4	14.3
	0+20		
S		8.8	8.9
C		9.0	8.7
N		10.3	7.4
	0+50		
N		8.5	9.2
C		9.2	8.5
S		9.6	8.1

	1700		
S	17.7	9.4	8.3
C		9.7	8.0
N		9.6	8.1
	1+50		
N		10.5	7.2
C		10.2	7.5
S		10.7	7.0
	2+00		
S		11.0	6.7
C		11.1	6.6
N		11.0	6.7
	2+50		
N		10.5	7.2
C		10.7	7.0
S		10.4	7.3
	3+00		
S		11.4	6.3
C		11.4	6.3
N		17.75	11.6
J.P.	746	14.67	10.54
		3+50	
N		10.7	4.0
C		10.4	4.3
S		9.7	5.0

	4+00		
S	14.67	13.2	1.5
C		14.2	0.5 age
N		14.4	0.2
	4+50		
N		8.2	6.5
C		8.6	6.1
S		8.8	5.9
	5+00		
S		7.8	6.9
C		7.8	6.9
N		7.9	6.8
	5+50		
N		6.5	8.2
C		6.5	8.2
S		6.4	8.3
	6+00		
S		4.5	10.2
C		4.6	10.1
N		4.3	10.4
	6+50		
N		3.2	11.5
C		2.7	12.0
S	14.67	2.4	12.3
T.P.	12.70	26.98	0.39 14.28

	7+00		
S	26.98	12.4	14.6
C	27.0	12.5	14.5
N		12.6	14.4
	7+50		
N	9.00		18.0
C	9.0		18.0
S	8.9		18.1
	8+00		
S	38		23.2
C	36		23.4
N	35		23.5
	8+50		
N	0.2		26.8
C	0.1		26.9
S	0.0		27.0
T.P.	34.65	0.02	26.96
	9+00		
N	5.1		29.5
C	5.0		29.6
S	5.1		29.5
	9+22.15		
N	4.3		30.3
C	34.65	4.5	30.1
S	4.5		30.1
	4.6		30.47
B.M.			30.47

on post opp
510 9+41

05

		H.I.		
		34.65		
		10+00		
S			4.4	30.2
C			4.1	30.5
N			4.2	30.4
T.P.	4.63	35.96	3.38	31.27
		10+50		
N			5.2	30.7
C			5.3	30.6
S			5.5	30.4
		11+00		
S			5.4	30.5
C			5.0	30.9
N			4.8	31.1
		11+50		
N			5.0	30.9
C			5.0	30.9
S			4.8	31.1
		12+00		
S			5.0	30.9
C			4.5	31.4
N			4.3	31.6

71

		12+50		
A		35.9	4.2	31.7
C			4.0	31.9
S			3.9	32.0
		13+00		
S			4.2	31.7
C			4.1	31.8
N			3.8	32.1
		13+50		
N			3.2	32.7
C			3.7	32.2
S			3.6	32.3
		14+00		
S			3.3	32.6
C			2.7	33.2
N			2.7	33.2
		14+50		
N		35.90	2.2	33.7
C			2.0	33.9
S			2.2	32.7
T.P.	34.3	37.89	1.44	34.46
		15+00		
S			4.1	33.8
C			3.3	34.6
N			2.8	35.1

	15+50		
N	37.89	2.4	35.5
C		2.3	35.6
S		3.3	34.6
	16+00		
S		3.1	34.8
C		1.7	36.2
N		1.0	36.9
	16+50		
N		1.2	35.7
C		3.8	34.1
S		6.5	31.4
	17+00		
S		9.2	28.7
C		7.4	30.5
N		5.0	32.9
	17+50		
N		5.7	32.2
C		7.7	30.2
S		9.7	28.2
	18+00		
S		10.7	27.2
C		8.3	29.6
N		6.5	31.4

	18+50		
N	37.89	6.3	31.6
C		7.5	30.4
S		8.4	29.5
	19+00		
S		6.4	31.5
C		5.4	32.5
N		4.0	33.9
	19+50		
N		2.2	35.7
C		3.0	34.9
S		3.8	34.1
T.P.	11.33	49.22	0.0
		20+00	
S		11.7	37.5
C		10.1	39.1
N		10.9	38.3
	20+50		
N		2.8	46.4
C	49.22	2.5	46.7
S		1.8	47.4
T.P.	7.24	55.94	0.52
		21+00	
S		5.9	50.0
C		4.9	51.0
N		3.4	52.5

21750
 N 55.94 0.8 55.1
 C 1.7 54.2
 S 3.2 52.7

22102.5
 S 1.9 54.2
 C 1.3 54.6
 N 0.0 55.9

22150
 W 3.5 52.1
 C 3.0 52.9
 E 2.6 53.3

23100
 E 4.5 51.4
 C 5.0 50.9
 W 5.5 50.4

23450
 W 8.0 49.9
 C 7.4 48.5
 E 6.9 49.0

24100
 E 8.7 47.2
 C 9.4 46.5
 W 10.3 45.6

24150
 W 55.9 11.6 44.3
 C 11.1 44.8
 E 10.6 45.3

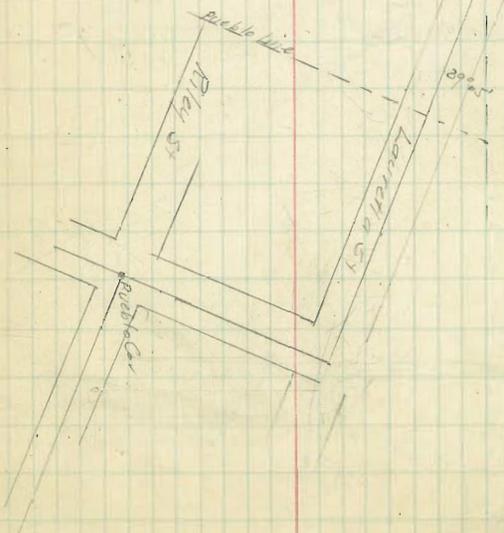
24472.5
 E 11.4 44.5
 C 12.2 43.7
 W 12.8 43.1

211 47.02 10.97 44.97
 214 36.87 12.25 34.73
 10.12 26.70

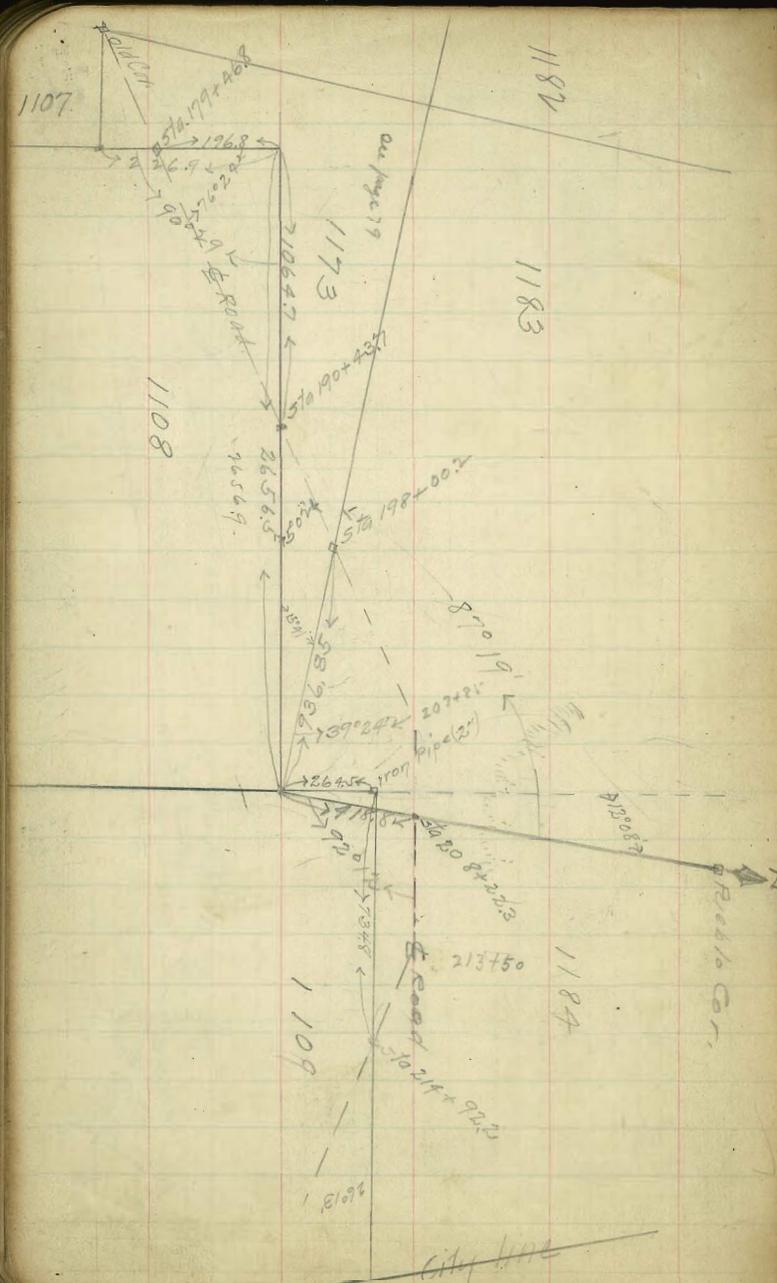
Old Town, Duke
50.12 x 23.5

E Road 2
58° 17'

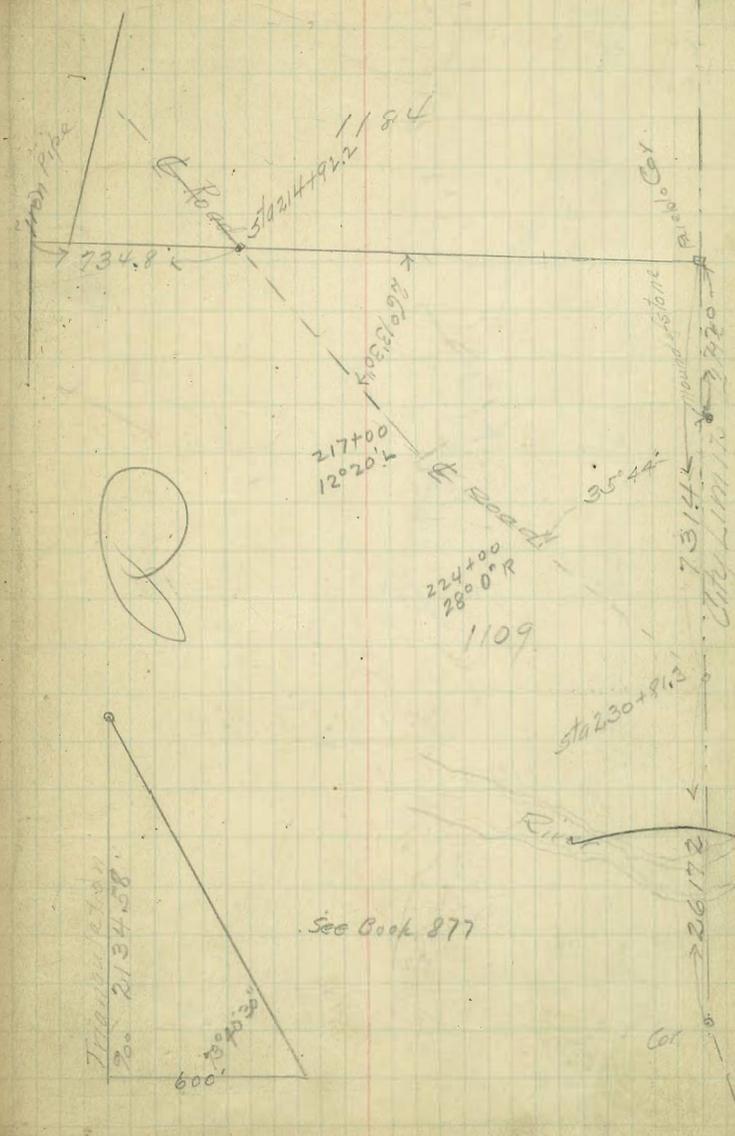
Greenwood St



53.5
50.12
23.5

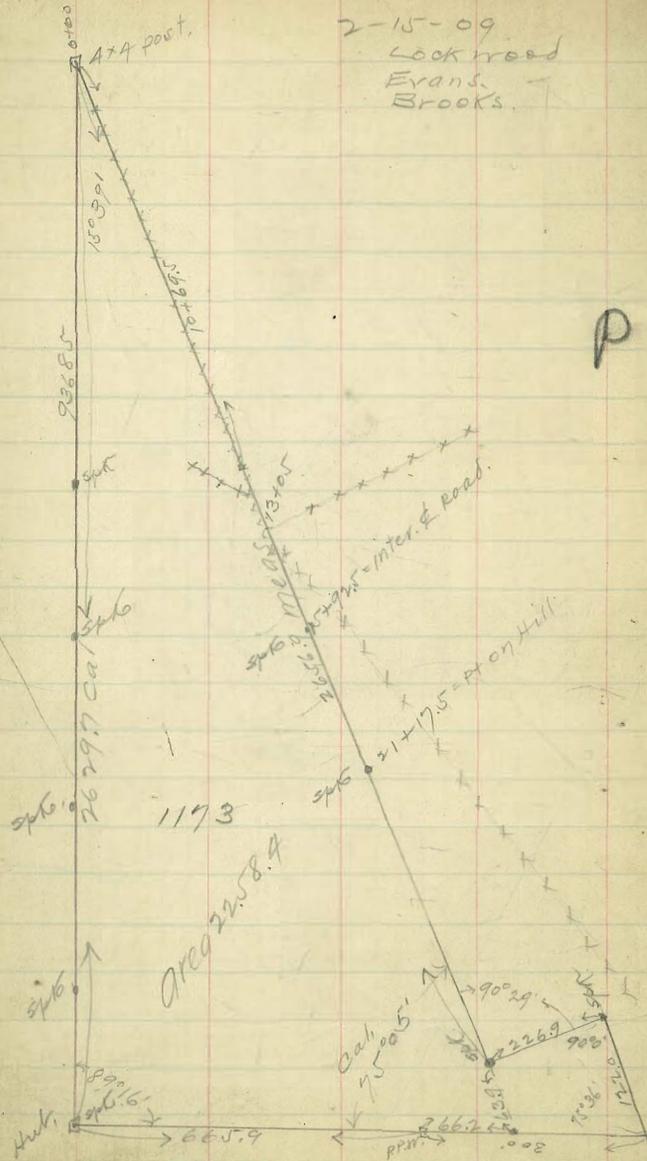


Ties to Mississippi Valley Road.



Survey for Mr. Stockton. P.L. 1173

2-15-09
Lockwood
Evans
Brooks



97° 28

79

350
65
415

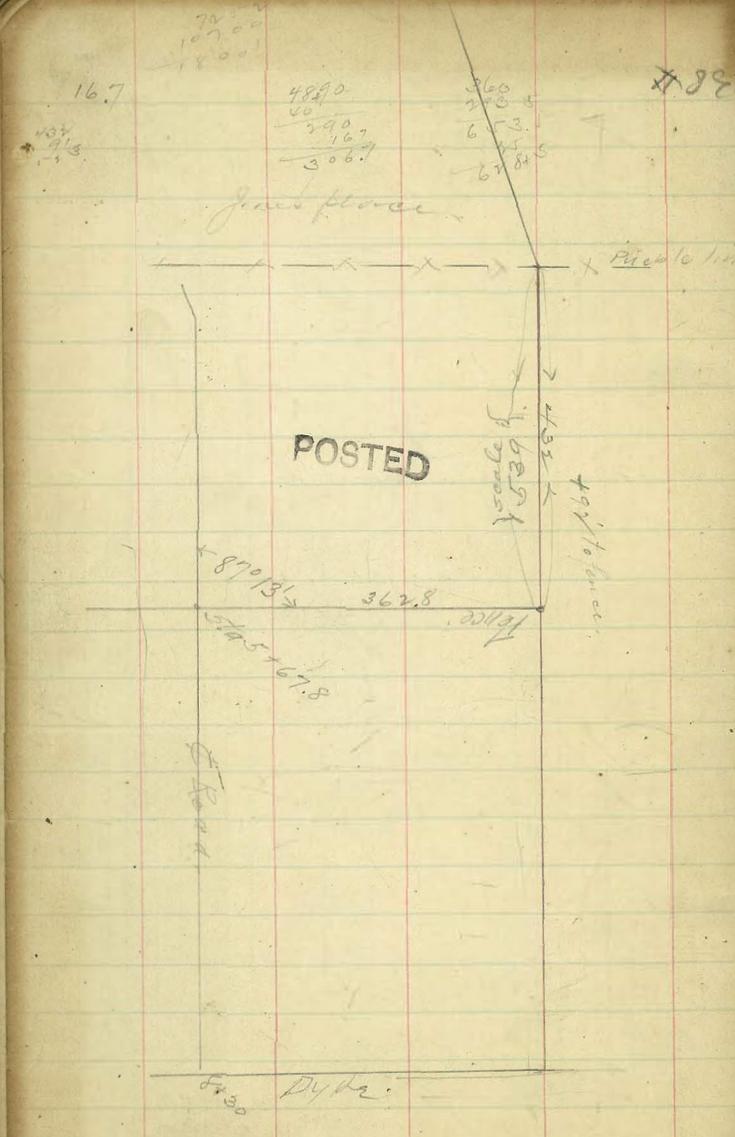
(186)

538
29
415
955.9

989.95
955.9
34.05
75.05
89.16
15.39
780.00

X

740.15



16.7

4880
2907
308.7

360
240
67.3
67.845

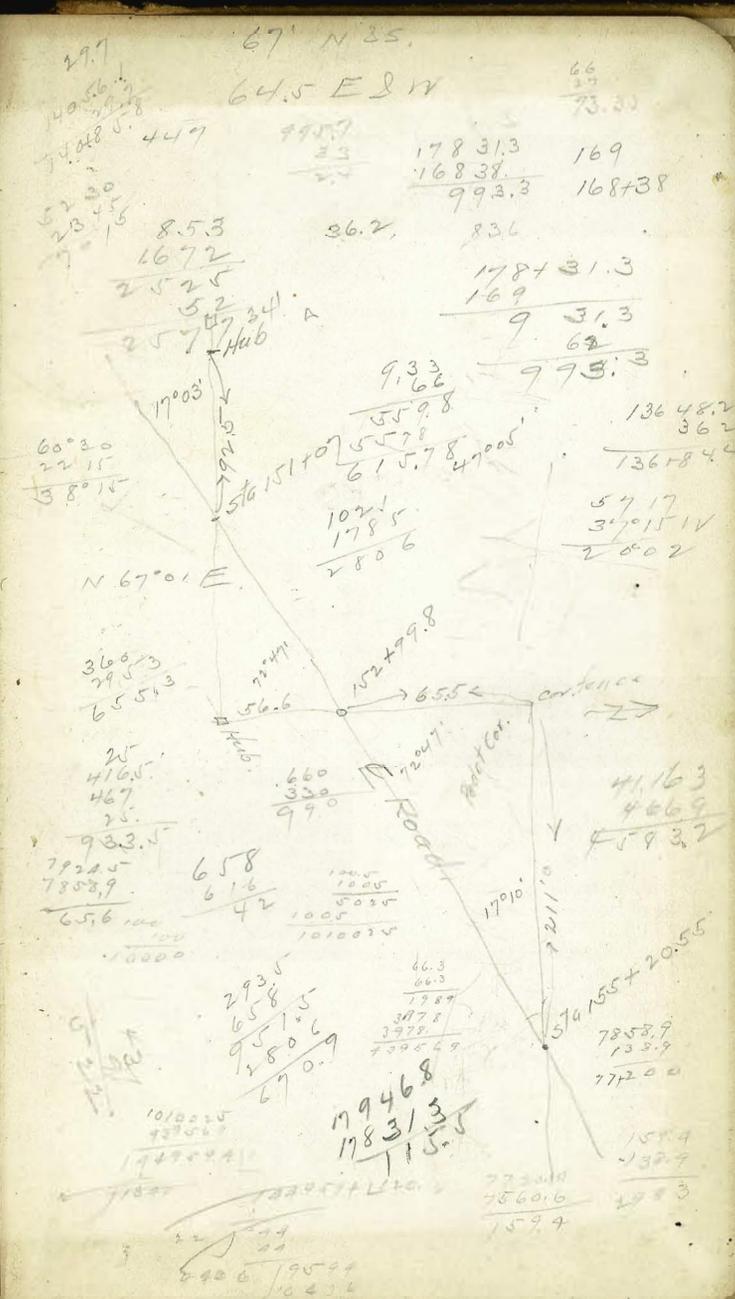
POSTED

87° 13' 36" 362.8

570.5 + 67.8

Dyke

Dyke



29.7

67° N 25

64.5 E 2 W

66
33
73.3

40.6
34.08
44.7

99.57
33
22

178 31.3
168 38
993.3

169
168738

52.30
23.55
7.15

8.53

36.2

836

16.72

25.25

52

25.74

Hub

1784 31.3

169

9 31.3

62

993.3

60° 30
22 15
38° 15

17° 03

9.33

55.98

615.78

136 48.2

362

136184

N 67° 01' E

1021

1785

2806

5717

37015 IV

2802

360.3

29.5

65.543

56.6

152 + 99.8

65.5

conference

25

416.5

467

25

983.5

792.5

7808.9

65.6

658

616

42

1005

1005

10000

293.5

65.8

951.5

480.6

67 0.9

66.3

66.3

72.4

397.8

7396.9

41.63

4669

51932

17010

2211.0

516155 + 20.55

7858.9

132.9

77200

179468

178313

115.5

77300

7860.6

159.9

157.4

132.9

159.9

