Road from India St.
Bridge to Rosevi[illegible]
30TH St & Switz[illegible]
Page 15. 27. 31
L" St.
Sewer on Hawthorne
Juniper
2ND St. Culvert.

F.B. 147

147

Table showing the difference of latitude and departur[illegible] running 80 chains at any course from 1 to 60 minute[illegible]

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

MICROFILMED
DEC 7 1964

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

147

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Book no. 147

date.

none.

Table showing the difference of latitude and departure running 80 chains at any course from 1 to 60 minutes.

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

MICROFILMED
DEC 7 1964

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

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

65
59.07
7) 5.93 .847
56
33
28
50

59.07
.847
59.917
.847
60.764
.847
61.611
.847
62.458
.847
63.305
.847
64.152
.847
989

	Page
X Section of Road from India st Bridge to Roseville P.O	1
Levels over center line of 30th Str. across Switzers Canon	15.
Contours on 30th Str "	21
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Levels for Culvert on 30th Str betw. Crane & Edgar	31
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Location of Culvert on 2nd between Grape & Hawthorn	34

5/26/04 { W. Davis, J. Davis, Bradley

Connection from India St. Bridge to Roseville Post-office

	Left.	C.	Right.
0	-1.5 -1.2 -7.0 0.0 0.0 / 32.0 22. 12.1 12.0 10.0		0.0 0.0 -6.4 11.3 -16.0 / 10.0 12.0 12.1 22.0 32.0
+50	-9.7 / 30.0 -6.5 / 20.0 0.0 / 10.0		0.0 -5.1 -5.5 -7.2 / 10.0 18.0 20.0 30.0
1	-9.1 / 30.0 -7.4 / 20.0 -1.0 / 10.0		0.0 -5.3 -8.6 12.8 / 10.0 20.0 23.0 30.0
+50	-7.9 -9.7 -6.0 -1.0 / 30.0 28.0 20.0 10.0		0.0 -5.8 -10.4 -10.8 -11.0 / 10.0 20.0 26.0 30.0 40.0
2	-2.0 -3.7 -2.3 0.0 / 40.0 34.0 20.0 14.0		0.0 -5.3 -9.9 -14.8 -17.0 / 10.0 20.0 28.0 30.0 40
+50	+1.0 / 30.0 0.0 / 20.0 0.0 / 10.0		0.0 -2.7 -4.4 / 13.0 20.0 30.0
3	+3.0 / 30.0 +2.0 / 20.0 +3.0 / 15.0 -0.9 / 10.0		0.0 -1.0 0.0 0.0 / 10.0 15.0 20.0 30.0
+50	+2.0 / 30.0 +1.6 / 20.0 0.0 / 10.0		0.0 +2.2 +2.2 +5.2 / 10.0 20.0 30.0 40.0
4	+2.5 +2.7 +3.0 0.0 / 30.0 20.0 15.0 10.0		0.0 +4.0 +4.0 +4.0 +7.7 / 10 16.0 20.0 30.0 40.0
+50	+1.3 / 30.0 +1.3 / 20.0 +2.3 / 15.0 0.0 / 10.0		0.0 +3.6 +4.0 4.0 +7.0 / 10.0 17.0 20.0 30.0 40.0
5	+1.0 +1.2 +1.2 0.0 / 3.0 20.0 15.0 10.0		0.0 +4.0 +4.7 +4.7 +7.0 / 10.0 16.0 20.0 30.0 40.0
+50	-1.1 0.0 0.0 0.0 / 30.0 26.0 20.0 10.0		0.0 +2.6 +2.6 + 6.3 / 10.0 20.0 30.0. 40.0
6	-1.7 / 30.0 -0.8 / 20.0 0.0 / 10.0		0.0 -1.5 +0.7 +4.3 +6.3 / 10.0 15.0 20.0 30.0 35.0
+50	-1.0 / 30.0 0.0 / 20.0 0.0 / 10.0		0.0 -1.0 +1.2 +3.9 / 10.0 15.0 20.0 30.0
7	-1.6 / 30.0 -0.6 / 20.0 -0.6 / 10.0		0.0 -0.7 +1.5 +5.3 / 10.0 15.0 20.0 30.0.
+50	-1.5 / 30.0 -0.5 / 20.0 0.0 / 10.0		0.0 +1.5 + 2.0 +4.2 / 10.0 17.0 20.0 30.0
8	-0.8 / 30.0 -0.8 / 20.0 0.0 / 10.0		-1.0 / 10.0 +2.6 +4.3 +6.3 / 15.0 20.0 30.0

5/27/04 { W. Davis, J. Davis, Bradley.

	Left			C.	Right		
8+9.875	-1.6 / 30.0	-1.6 / 20.0	-0.2 / 10.0	-1.0 / 10.0	+2.2 / 15.0	+4.2 / 20.0	+5.6 / 30.0
+50	-8.0 / 30.0	-5.9 / 20.0	-0.5 / 10.0	0.0 / 10.0	-1.0 / 13.0	+0.5 / 20.0	+2.0 / 30.0
9	-11.5 / 30.0	-1.0 / 21.0	-0.9 / 20.0	-0.5 / 10.0	0.0 / 10.0	0.0 / 16.0	-0.6 / 20.0	-0.6 / 30.0
+50	-11.8 / 30.0	-6.4 / 20.0	0.0 / 10.0	0.0 / 10.0	-0.4 / 20.0	+0.5 / 30.0	
10	-5.8 / 30.0	-3.9 / 20.0	-1.6 / 10.0	0.0 / 7.0	0.0 / 10.0	-0.4 / 20.0	+1.0 / 30.0
+50	-4.1 / 30.0	-2.7 / 20.0	-1.0 / 10.0	0.0 / 10.0	+1.3 / 20.0	+2.7 / 30.0	
11	-5.0 / 30.0	-3.3 / 20.0	-0.8 / 10.0	-0.5 / 10.0	+1.6 / 20.0	+3.9 / 30.0	
+50	-3.9 / 30.0	-1.6 / 20.0	-0.6 / 10.0	-0.5 / 10.0	+3.0 / 15.0	+4.0 / 20.0	+7.4 / 30.0
12	-3.7 / 30.0	-1.2 / 20.0	-0.7 / 10.0	0.0 / 12.0	+3.1 / 18.0	+5.1 / 20.0	+9.3 / 30.0
+50	-1.3 / 30.0	0.0 / 20.0	+0.5 / 13.0	-0.7 / 10.0	0.0 / 13.0	+4.9 / 20.0	+9.1 / 24.0	+10.3 / 30.0
13	-1.2 / 30.0	0.0 / 20.0	+1.3 / 16.0	-0.6 / 10.0	-0.5 / 10.0	+5.0 / 20.0	+8.2 / 25.0	+9.2 / 30.0
+50	-1.4 / 30.0	+0.3 / 20.0	-0.8 / 10.0	-0.7 / 10.0	+5.7 / 20.0	+7.5 / 22.0	+9.2 / 30.0
+67	-1.2 / 30.0	0.0 / 20.0	-0.4 / 10.0	0.0 / 10.0	+6.3 / 20.0	+8.0 / 30.0	
14	-3.6 / 30.0	-2.1 / 20.0	-0.5 / 10.0	0.0 / 10.0	+2.2 / 20.0	+4.8 / 30.0	
+50	-4.0 / 30.0	-2.4 / 20.0	-0.8 / 10.0	0.0 / 10.0	+5.2 / 20.0	+6.9 / 30.0	
15	-2.3 / 30.0	-0.6 / 20.0	0.0 / 10.0	+0.4 / 10.0	+5.4 / 20.0	+7.1 / 30.0	
+50	-2.5 / 30.0	-1.0 / 20.0	-0.6 / 10.0	0.0 / 10.0	+4.5 / 20.0	+6.0 / 30.0	

	Left			C.	Right		
16	-2.8 / 30.0	-1.8 / 20.0	-0.8 / 10.0	0.0 / 10.0	+2.0 / 20.0	+3.6 / 24.0	+4.6 / 30.0
+50	-4.3 / 30.0	-2.9 / 20.0	-2.5 / 18.0	-0.4 / 10.0	0.0 / 10.0	-1.0 / 15.0	0.0 / 20.0	+2.3 / 26.0	+2.8 / 30.0
17	-12.8 / 40.0	-10.9 / 30.0	-5.3 / 20.0	-0.7 / 12.0	-0.4 / 12.0	-5.0 / 20.0	-6.0 / 25.0	-5.5 / 30.0
+40	-20.0 / 50.0	-17.0 / 40.0	-12.2 / 30.0	-5.6 / 20.0	-0.8 / 12.0	-0.7 / 10.0	-6.0 / 20.0	-11.4 / 30.0	-13.7 / 40.0	-13.7 / 50.0
+50	-17.2 / 50.0	-14.6 / 40.0	-8.9 / 30.0	-2.8 / 20.0	-1.4 / 17.0	-0.5 / 10.0	-0.3 / 10.0	-1.6 / 16.0	-4.6 / 20.0	-10.3 / 30.0	-12.2 / 40.0	-11.2 / 50.0
18	-6.7 / 40.0	-5.4 / 30.0	-1.2 / 20.0	-0.4 / 10.0	0.0 / 10.0	-1.6 / 20.0	-1.0 / 30.0	+0.3 / 40.0
+50	+2.6 / 30.0	+3.1 / 20.0	+4.7 / 17.0	-0.7 / 10.0	0.0 / 10.0	-0.5 / 14.0	+4.1 / 20.0	+8.5 / 24.0	+8.5 / 30.0
19	+1.7 / 30.0	+3.0 / 20.0	+4.8 / 20.0	+6.4 / 17.0	-0.7 / 10.0	-0.4 / 10.0	-0.4 / 13.0	+6.8 / 20.0	+12.2 / 26.0	+12.8 / 30.0
+50	+1.4 / 30.0	+2.4 / 20.0	+4.0 / 16.0	-0.8 / 10.0	-0.4 / 10.0	+9.8 / 20.0	+12.1 / 23.0	+13.8 / 30.0
20	-1.3 / 30.0	-0.2 / 20.0	+2.0 / 14.0	-0.8 / 10.0	0.0 / 12.0	+7.0 / 20.0	+9.5 / 24.0	+11.0 / 30.0
+50	-3.1 / 30.0	-1.0 / 20.0	0.0 / 15.0	-0.6 / 10.0	0.0 / 10.0	+6.2 / 20.0	+7.3 / 23.0	+8.9 / 30.0
21	-1.0 / 30.0	+0.7 / 20.0	+1.3 / 15.0	-0.5 / 10.0	+0.6 / 10.0	+4.3 / 14.0	+6.0 / 20.0	+7.8 / 30.0
+50	-2.0 / 30.0	+0.4 / 20.0	+4.2 / 15.0	-0.7 / 10.0	+0.5 / 10.0	+2.9 / 13.0	+7.8 / 20.0	+10.0 / 30.0
22	-5.0 / 30.0	-3.1 / 20.0	-0.5 / 10.0	0.0 / 10.0	+5.5 / 20.0	+8.1 / 30.0
+50	-3.7 / 30.0	-1.7 / 20.0	-0.5 / 10.0	0.0 / 10.0	+4.5 / 20.0	+6.5 / 30.0
23	-4.3 / 30.0	-1.9 / 20.0	-1.0 / 10.0	-0.4 / 10.0	+0.8 / 10.0	+4.1 / 20.0	+5.7 / 30.0
+50	-4.1 / 30.0	-2.1 / 20.0	-0.5 / 10.0	0.0 / 7.0	+1.8 / 10.0	+4.5 / 20.0	+6.0 / 30.0

Culverts 3'

5/28/04 { W. Davis, Davis, Bradley

	Left				C.				Right
24	-2.7 / 30.0	-1.0 / 20.0	-0.5 / 10.0		0.0 / 10.0	+4.0 / 20.0	+6.6 / 25.0	+7.4 / 30.0	
+50	-1.3 / 30.0	+1.2 / 20.0	+1.0 / 17.0	-0.4 / 12.0	-0.5 / 4.0	0.0 / 10.0	+7.3 / 20.0	+9.4 / 30.0	
25	-0.2 / 30.0	0.0 / 20.0	-1.3 / 15.0	-0.4 / 10.0	0.0 / 10.0	+8.1 / 20.0	+9.5 / 22.0	+16.9 / 30.0	
+50	-1.3 / 30.0	-0.8 / 20.0	-0.6 / 16.0	-2.0 / 13.0	-0.9 / 10.0	-0.6 / 13.0	+3.4 / 20.0	+8.3 / 25.0	+10.0 / 30.0
26	-1.7 / 30.0	-0.5 / 20	-0.3 / 15.0	-0.6 / 10.0	-0.5 / 14.0	+3.3 / 20.0	+5.8 / 24.0	+6.8 / 30.0	
+50	-6.4 / 30.0	-4.2 / 20.0	0.0 / 10.0		0.0 / 10.0	-2.4 / 17.0	-2.1 / 20.0	-1.0 / 30.0	
27	-17.3 / 50.0	-16.0 / 40.0	-12.7 / 30.0	-6.0 / 20.0	-1.7 / 13.0	-0.4 / 10.0	0.0 / 10.0	-7.0 / 20.0	-12.4 / 30.0 -12.4 / 40.0 -12.4 / 50.0 2" Culvert
+50	-16.0 / 50.0	-16.0 / 40.0	-14.2 / 30.0	-8.5 / 20.0	-0.8 / 10.0	0.0 / 12.0	-7.5 / 22.0	-11.6 / 30.0	-12.0 / 40.0 -11.0 / 50.0
28	-1.0 / 40.0	-0.6 / 30.0	-0.3 / 20.0	-0.6 / 10.0	0.0 / 10.0	+0.5 / 20.0	+2.1 / 30.0	+2.6 / 40.0	
+50	-2.9 / 30.0	-0.6 / 20.0	-0.2 / 10.0		-0.6 / 10.0	+5.4 / 15.0	+6.2 / 20.0	+8.1 / 30.0	
29	-2.4 / 40.0	-0.7 / 30.0	-0.3 / 20.0	+1.3 / 18.0	-0.5 / 10.0	-0.6 / 10.0	+9.0 / 20.0	+10.4 / 30.0	
+50	-2.1 / 30.0	-0.4 / 20.0	-1.4 / 16.0	-0.4 / 10.0		-0.4 / 10.0	+9.2 / 20.0	+10.8 / 30.0	
30	-1.3 / 30.0	0.0 / 20.0	-0.8 / 8.0	0.0 / 10.0	-0.3 / 8.0	+1.6 / 10.0	+8.2 / 15.0	+9.2 / 20.0	+11.4 / 30.0
+50	-2.8 / 30.0	-0.9 / 20.0	-1.3 / 15.0	-0.6 / 10.0	-0.8 / 10.0	+4.2 / 20.0	+8.5 / 24.0	+10.2 / 30.0	+12.5 / 40.0
31	-4.1 / 30.0	-2.1 / 20.0	-0.9 / 10.0		0.0 / 10.0	+3.8 / 20.0	+8.2 / 23.0	+9.8 / 30.0	+12.5 / 40.0
+50	-5.8 / 30.0	-4.6 / 20.0	-4.0 / 17.0	-0.9 / 10.0	+0.5 / 10.0	+1.2 / 20.0	+2.8 / 30.0	+5.0 / 40.0	
32	-9.0 / 40.0	-9.4 / 30.0	-7.5 / 20.0	-1.1 / 10.0	+0.3 / 10.0	-0.2 / 20.0	-0.5 / 30.0		

	Left				C.				Right
32+50	-11.3 / 40.0	-10.0 / 30.0	-7.2 / 20.0	-0.9 / 10.0	-0.2 / 10.0	-1.3 / 20.0	0.0 / 30.0		
33	-7.4 / 30.0	-5.2 / 20.0	-0.4 / 12.0		0.0 / 10.0	-0.5 / 20.0	+3.8 / 30.0		
+50	-10.5 / 40.0	-8.0 / 30.0	-5.4 / 20.0	-0.6 / 10.0	0.0 / 10.0	+0.4 / 20.0	+2.5 / 25.0	+4.4 / 30.0	+7.6 / 38.0
34	-10.0 / 40.0	-7.7 / 30.0	-5.2 / 20.0	-0.8 / 10.0	0.0 / 10.0	+0.5 / 20.0	+4.3 / 30.0	+8.7 / 37.0	
+50	-9.4 / 40.0	-6.8 / 30.0	-4.7 / 20.0	-0.7 / 10.0	0.0 / 10.0	0.0 / 20.0	+6.5 / 30.0	+9.8 / 40.0	
35	-6.0 / 30.0	-3.7 / 20.0	-1.0 / 10.0		0.0 / 10.0	-0.5 / 15.0	+4.1 / 20.0	+5.7 / 30.0	
+50	-4.5 / 30.0	-2.1 / 20.0	-0.6 / 10.0		-0.4 / 12.0	+6.3 / 20.0	+9.0 / 30.0		
36	-6.8 / 30.0	-2.4 / 20.0	-0.7 / 10.0		-0.3 / 10.0	+6.8 / 17.0	+7.8 / 20.0	+10.1 / 30.0	
+50	-5.0 / 30.0	-2.0 / 20.0	-0.5 / 10.0		-0.3 / 9.0	+1.8 / 10.0	+7.4 / 20.0	+9.3 / 30.0	
37	-4.6 / 30.0	-1.6 / 20.0	0.0 / 15.0	-1.2 / 14.0	-0.5 / 10.0	-0.3 / 9.0	+0.3 / 10.0	+7.4 / 17.0	+7.9 / 20.0 +10.1 / 30.0
+50	-3.8 / 30.0	-0.8 / 20.0	+0.1 / 15.0	-0.8 / 14.0	-0.4 / 10.0	-0.5 / 8.0	+1.5 / 10.0	+7.7 / 16.0	+8.5 / 20.0 +11.4 / 30.0
38	-4.7 / 30.0	-1.8 / 20.0	+0.1 / 15.0	-0.5 / 14.0	-0.4 / 10.0	-0.3 / 8.0	+0.4 / 10.0	+6.7 / 16.0	+7.8 / 20.0 +10.6 / 30.0
+50	-4.5 / 30.0	-1.5 / 20.0	0.0 / 15.0	-0.8 / 13.0	-0.4 / 10.0	0.0 / 8.0	+1.0 / 10.0	+4.2 / 12.0	+5.9 / 20.0 +10.5 / 23.0 +10.6 / 30.0
39	-4.5 / 30.0	-1.4 / 20.0	0.0 / 15.0	-0.6 / 14.0	-0.3 / 8.0	+0.5 / 10.0	+7.5 / 17.0	+8.0 / 20.0	+11.0 / 30.0
+50	-10.0 / 40.0	-7.0 / 30.0	-4.0 / 20.0	-0.6 / 10.0	-0.4 / 8.0	0.0 / 10.0	+4.4 / 14.0	+6.2 / 20.0	+8.7 / 30.0
40	-17.0 / 50.0	-14.5 / 40.0	-12.6 / 30.0	-7.0 / 20.0	-0.8 / 10.0	0.0 / 10.0	0.0 / 16.0	-1.2 / 20.0	-0.5 / 30
+50	-22.3 / 50.0	-18.7 / 40.0	-15.0 / 30.0	-8.3 / 20.0	-1.5 / 10.0	0.0 / 8.0	-0.2 / 10.0	-6.4 / 20.0	-11.4 / 30.0 -10.8 / 40.0 -10.0 / 50.0 2' Culvert 40+50

Sta	Left	C	Right
41	-16.5 -15.3 -13.3 -7.0 -0.8 52.0 40.0 30.0 20.0 10.0		-0.2 -6.6 -8.0 -8.0 -7.7 10.0 20.0 22.0 30.0 40.0
+50	-9.1 -6.6 -4.0 -0.2 40.0 30.0 20.0 13.0		+0.2 +2.2 +3.7 10.0 20.0 30.0
42	-1.4 +1.6 +1.8 -0.2 30.0 20.0 13.0 10.0		0.0 +10.2 +12.3 +15.6 10.0 20.0 30.0 40.0
+50	+1.3 +2.7 +4.6 +2.7 -0.3 30.0 20.0 14.0 10.0 7.0		0.0 +10.4 +11.3 +14.3 +15.7 10.0 20.0 23 30.0 40.0
43	+0.3 +2.4 +4.0 +0.3 -0.4 30.0 20.0 15.0 10.0 9.0		0.0 +11.0 +14.3 +15.5 +17.1 10.0 20.0 24.0 30.0 40.0
+50	0.0 +2.5 +4.0 +4.7 -0.4 40.0 30.0 20.0 14.0 10.0		-0.4 +11.3 +13.0 +16.2 +17.3 10.0 20.0 24.0 30.0 40.0
44	-0.4 +1.9 +1.1 -0.1 30.0 20.0 18.0 11.0		0.0 +5.2 +7.0 +8.8 10.0 16.0 20.0 30.0
+50	-8.4 -7.6 -5.9 -0.7 40.0 30.0 20.0 10.0		0.0 -3.5 -3.0 -3.0 -2.2 10.0 17.0 20.0 30.0 40.0
45	-19.4 -16.5 -16.1 -9.8 -2.7 -0.3 50.0 40 30.0 20.0 10.0 7.0		0.0 -7.0 -12.6 -13.4 -13.0 -12.5 10.0 10.0 20.0 30.0 40.0 50.0
+50	-15.5 -12.2 -11.7 -11.0 -8.7 -2.6 0.0 50.0 40.0 30.0 25.0 20.0 10.0 7.0		0.0 -5.4 -7.8 -6.2 +5.5 12.0 20.0 30.0 40.0 50.0
46	-5.5 -4.0 -1.8 30.0 20.0 10.0		0.0 0.0 +1.4 +2.4 +3.6 10 20 22 30 40.0
+50	-3.1 -2.0 -0.4 -0.4 30.0 20.0 16.0 10.0		0.0 +3.4 +7.7 +8.7 +10.3 15.0 20.0 24.0 30.0 40.0
47	-1.4 +0.9 +3.0 0.0 40.0 30.0 20.0 10.0		0.0 +6.0 +11.5 +13.6 14.0 20.0 30.0 40.0
+50	-4.8 -2.3 +1.0 -0.2 40. 30.0 20.0 10.0		0.0 +9.0 +13.7 +14.0 +14.9 12.0 20.0 27.0 30.0 40.0
48	-7.4 -3.5 -0.3 -1.0 30.0 20.0 11.0 10.0		0.0 +9.4 +12.1 +15.2 12.0 20.0 30.0 40.0
+50	-8.0 -5.7 -2.0 -0.4 30.0 20.0 10.0 6.0		0.0 +3.9 +8.4 +9.5 +12.2 15.0 20.0 25.0 30 40.0
49	-8.3 -6.7 -2.2 -0.6 40.0 30.0 10.0 7.0		0.0 0.0 +4.7 +8.1 10 20 30.0 40.0

Sta	Left	C.	Right
49+50	-6.2 -5.2 -4.7 -0.7 0.0 30.0 20.0 17.0 10.0 8.0		+0.4 -1.0 +0.4 +1.3 10.0 15.0 20.0 30.0
50	-3.3 -2.6 -1.2 30.0 20.0 10.0		0.0 -0.4 +1.3 10.0 20.0 30.0
+50	-3.5 -2.5 -1.0 30.0 20.0 10.0		0.0 0.0 +0.4 10.0 20.0 30.0
51	-1.8 -1.0 0.0 30.0 20.0 10.0		+0.5 +1.8 +3.9 10.0 20.0 30.0
+50	-2.8 -1.8 -0.8 30.0 20.0 10.0		+1.0 +1.2 +2.9 10.0 20.0 30.0
52	-3.0 -2.8 -0.7 30.0 20.0 10.0		+0.5 0.0 -1.0 +0.7 10.0 17.0 20.0 30.0
+50	-3.9 -3.3 -2.8 -1.3 0.0 30.0 20.0 14.0 10.0 8.0		+0.6 -0.7 -0.5 -0.2 10.0 17.0 20.0 30.0
53	-4.3 -3.0 -2.4 -0.8 0.0 30.0 20.0 13.0 10.0 9.0		+0.8 -1.2 -1.0 -0.7 12.0 18.0 20.0 30.0
44+78 is a culvert 1'×2' - should be at Sta 45			
+50	-2.6 -2.1 -1.4 0.0 30.0 20.0 13.0 10.0		0.0 -0.9 -0.5 10.0 20.0 30.0
54	-1.4 -1.1 -0.5 30.0 20.0 10.0		-0.5 0.0 0.0 +0.4 9.0 10.0 20.0 30.0
+50	-2.1 -1.2 +1.5 0.0 30.0 20.0 16.0 12.0		0.0 +2.7 +2.7 15.0 20.0 30.0
55	+1.2 +1.8 +1.8 -0.5 30.0 20.0 14.0 11.0		0.0 -0.1 0.0 +3.5 +4.1 10.0 13.0 15.0 20.0 30.0
+26.5	+1.7 +2.2 +2.4 -0.3 30 20 15.0 10.0		0.0 +1.2 +4.7 +5.4 +6.1 10.0 15.0 20.0 30.0 40.0
+36.5	-0.8 -0.5 -0.4 30.0 20.0 10.0		+0.3 +0.6 +1.0 10.0 20.0 30.0
+40	-1.1 -0.7 -0.4 30.0 20.0 10.0		+0.3 +0.7 +1.0 10.0 20.0 30.0
+50	-1.0 -0.7 -0.3 30.0 20.0 10.0		+0.4 +0.8 +1.2 10.0 20.0 30.0

5/4/04 { M. Davis, J. Davis, Bradley

	Left			C	Right		
56	-1.1 / 30.0	-0.5 / 20.0	-0.2 / 10.0	-0.3 / 10.0	+0.2 / 20.0	+0.6 / 30	
+50	-1.3 / 30.0	-1.3 / 20.0	-0.7 / 10.0	+0.2 / 10.0	+0.6 / 20.0	+1.1 / 30.0	
57	-1.7 / 30	-0.9 / 20	-0.4 / 10	0.0 / 10.0	+0.7 / 20.0	+1.0 / 30.0	
+50	-1.3 / 30	-0.6 / 20	-0.3 / 10	+0.4 / 10	+0.8 / 20	+0.9 / 30	
58	-0.6 / 30	-0.2 / 20	0.0 / 10	+0.5 / 10	+1.1 / 20	+1.3 / 30	
+50	-0.3 / 30	+1.3 / 20	+0.6 / 11.0	-0.2 / 10	+0.6 / 10	+0.8 / 20	+0.8 / 30
59	-0.7 / 30	0.0 / 20	+0.3 / 11	-0.3 / 10	+0.2 / 10.0	+0.8 / 11.	~~+0.9~~ / 20	+1.9 / 30
+50	+0.4 / 30	+0.4 / 20	+0.2 / 11.0	-0.4 / 10	0.0 / 10	+0.8 / 13	+0.9 / 20.0	+1.5 / 30.0
60	+0.1 / 30	+0.3 / 20	0.0 / 10	0.0 / 10	+0.9 / 12	+1.0 / 20	+1.7 / 30
+50	+0.5 / 30	-0.5 / 24	-0.5 / 20	-0.3 / 10	0.0 / 10	+0.5 / 20	+0.8 / 30
61	0.0 / 30.0	-0.6 / 20.0	+0.6 / 10	-0.3 / 10	-0.9 / 20	-0.9 / 30
+261	-1.4 / 30	-1.6 / 20	-1.1 / 10	-1.2 / 5	-1.4 / 10	-0.7 / 20	-0.9 / 30
+25	-2.6 / 30	-1.8 / 20	+0.6 / 10.0	+1.1 / 5.6	+0.6 / 10.	+1.4 / 20	+2.0 / 30
+43	-1.3 / 30	0.0 / 20	-0.5 / 10	+1.2 / 10	+2.0 / 20	+2.3 / 30
+50	-1.2 / 30	-2.4 / 20	-2.9 / 10	-2.9 / 7.	-0.8 / 10	-0.5 / 20	-0.5 / 30
62	-3.2 / 30	-2.0 / 20	-1.2 / 13	0.0 / 10	+0.8 / 5	+0.8 / 10	0.0 / 15	+0.3 / 20	+0.6 / 30
+50	-1.6 / 30	-1.1 / 20	-0.8 / 15	+0.8 / 10	+0.8 / 4	+1.2 / 7	+1.5 / 10	+0.7 / 20	+1.6 / 30

	Left			C	Right		
63	-1.7 / 30	-1.0 / 20	0.0 / 10	+0.7 / 2	+1.0 / 10	+1.6 / 20	+1.8 / 30
+50	-0.8 / 30	-0.4 / 20	0.0 / 10	+0.7 / 3	+1.4 / 10	+1.8 / 20	+1.8 / 30
64	-0.3 / 30	0.0 / 20	+0.5 / 10	+0.8 / 3	+1.3 / 10	+2.0 / 20	+2.2 / 30
+50	-1.0 / 30	+1.6 / 20	+2.0 / 11.0	+1.1 / 10	+1.1 / 3.0	+0.3 / 7	+1.8 / 10	+3.0 / 15	+3.0 / 20	+2.6 / 30
65	+1.0 / 30	+1.4 / 20	+1.8 / 10	+1.1 / 9	+0.8 / 3.0	+0.8 / 7	+1.7 / 10	+2.7 / 13	+2.9 / 20	+2.4 / 21	+2.8 / 28	+3.8 / 30
+50	+0.5 / 30	+1.0 / 20	+1.7 / 10	+0.9 / 9	+0.8 / 5	+1.5 / 10	+2.0 / 20	+3.0 / 30
66	0.0 / 30	+0.4 / 20	+0.4 / 10	+0.7 / 10	+1.3 / 20	+1.8 / 30
+20	-0.7 / 30	-0.5 / 20	0.0 / 10	0.0 / 10	+1.0 / 20	+1.5 / 30
+35	-0.6 / 30	-0.2 / 20	0.0 / 10	+0.5 / 10	+1.4 / 20	+2.5 / 30
+50	-0.8 / 30	+0.2 / 20	+0.8 / 15	0.0 / 10	+0.5 / 10	+1.6 / 20	+2.2 / 30
67	+0.2 / 30	+0.5 / 23	+1.4 / 20	+1.4 / 12	+0.5 / 10	+1.1 / 10	+2.1 / 20	+2.7 / 30
+50	0.0 / 30	+1.0 / 20	+1.0 / 11	+0.6 / 10	+1.3 / 10	+2.0 / 20	+2.4 / 30
68	-1.5 / 30	-0.4 / 20	+0.4 / 10	+0.6 / 8	+1.8 / 10	+2.3 / 20	+2.7 / 30
+50	-1.3 / 30	-0.8 / 20	+0.2 / 10	+0.9 / 10	+1.7 / 13	+2.0 / 20	+2.4 / 30
69	-1.4 / 30	-1.1 / 20	-0.4 / 10	+0.7 / 10	+1.5 / 12	+1.9 / 20	+2.9 / 30
+50	-1.8 / 30	-0.5 / 20	0.0 / 10	+0.4 / 10	+1.7 / 13	+1.4 / 20	+2.3 / 30
70	-2.5 / 30	-1.5 / 20	-0.5 / 10	+0.2 / 10	+0.8 / 20	+1.5 / 30

	Left				C	Right		
70+50	-2.7/30	-2.2/20	-0.4/10		+0.6/10	+0.9/20	+1.8/30	
71	-2.2/30	-2.2/20	-1.8/15	-0.3/10	+0.7/10	+1.2/20	+1.2/30	
+50	-4.3/30	-2.6/20	-2.5/16	0.0/10	+0.6/10	+2.3/15	+2.8/20	+2.4/30
72	-3.9/30	-3.1/20	-2.3/16	0.0/10	0.0/10	+2.3/20	+4.9/30	
+50	-3.1/30	-2.3/20	-1.8/14	-0.5/10	+0.6/10	+2.4/20	+3.6/30	
73	-2.1/30	-1.5/20	0.0/10		+0.3/10	+1.1/20	+2.6/30	
+50	-2.2/30	-1.5/20	-0.8/10		0.0/10	+1.0/11.0	+0.6/20	+1.7/30
74	-1.4/30	-1.0/20	-0.6/10		+0.5/10	+1.3/12	+1.7/20	+1.9/30
+50	-1.6/30	-1.1/20	-0.5/10		+0.5/10	+1.2/11	+1.8/20	+2.3/30
75	0.0/30	+0.6/20	+0.8/12	0.0/10	+0.2/7	+2.2/11.0	+2.9/20	+3.4/30
+50	+0.7/30	+1.5/20	+1.7/14	0.0/10	+0.4/7	+2.7/11	+3.4/20	+1.2/30
76	+1.6/30	+2.4/20	+2.5/13	+0.7/10	-0.6/5	0.0/10	+1.7/15	+2.3/20 +1.0/30
+50	-0.5/30	0.0/20	0.0/10		-2.0/10	+0.3/16	0.0/20	0.0/30
+75	+1.5/30	+1.5/20	-0.6/10		+2.3/10	+2.7/20	+2.3/30	
+86	-0.5/30	-0.5/21	-3.2/20	-1.6/10	0.0/10	+0.5/20	0.0/30	
77	-1.1/30	-3.1/20	0.0/10		+0.4/10	+1.5/20	+1.0/30	
+50	-1.4/30	-1.4/20	0.0/10		0.0/10	0.0/20	0.0/30	

	Left				C	Right		
78	-2.5/20	-2.2/20	-2.0/15	-0.5/10		0.0/10	-0.5/20	-0.5/30
+50	-1.3/30	-0.9/20	-0.4/10			0.0/10	0.0/20	+0.5/30
79	-2.1/30	-1.2/20	-0.5/10			+0.4/10	+0.4/20	+1.1/30
+50	-1.4/30	-1.0/20	-0.5/10			+0.3/10	+0.3/20	+2.1/30
80	-2.0/30	-1.3/20	-0.6/10			0.0/10	+1.0/20	+1.7/30
+50	-1.9/30	-1.3/20	-0.6/10			0.0/10	+1.9/20	+2.6/30
81	-2.1/30	-1.2/20	-0.5/10			0.0/10	+1.6/17	+1.9/20 +2.3/30
+50	-2.1/30	-1.1/20	0.0/10			+0.5/10	+1.6/20	+2.4/30
82	-1.8/30	-0.7/20	0.0/10			+1.5/6	+1.7/10	+2.4/20 +3.2/30
+50	-1.8/30	-0.5/20	-1.5/10	-1.3/5		+0.9/10	+1.6/20	+2.3/30
83	-2.0/30	-1.5/20	-1.5/10			+0.4/10	+1.3/20	+2.6/30
+50	-1.8/30	-1.4/20	-1.4/10			+0.6/10	+1.2/20	+1.8/30
84	-1.9/30	-1.0/20	-1.3/10			+0.9/10	+1.6/20	+2.1/30
+50	-1.4/30	-0.4/20	-0.6/10			+1.6/10	+1.2/20	+1.8/30
+81.38 ∠37.4 5.54 Whitebence 0.0 Cor-ence 6 cent of 27 Weight	-1.0/30	-0.2/20	0.0/10			+1.0/10	+2.0/20	+2.9/30
85	+0.2/30	+0.2/20	0.0/10			-0.2/10	-0.3/20	-0.5/30
+50	+0.5/30	+0.5/20	+0.2/10			0.0/10	0.0/20	0.0/30

7/6/04 { W. Davis, J. Davis, Bradley

Sta	Left			C	Right		
86	+0.3 / 30	0.0 / 20	0.0 / 10		0.0 / 10	+0.3 / 20	+0.6 / 30
+52	+0.4 / 30	+0.2 / 20	+0.2 / 10		+0.3 / 10	+0.3 / 20	+0.6 / 30
+80			Level				
+84			"				
+98.7 Cent of RR:			"				
			"				
87+08.7							
+146			"				
+27			"				
			"				
+34	-0.4 / 30	-0.8 / 20	-0.8 / 10		+0.5 / 10	+0.8 / 20	+1.0 / 30
87+50			Level				
+55.5			"				
88	-0.9 / 30	-0.3 / 20	-0.3 / 10		+0.9 / 10	+2.8 / 20	+4.5 / 30
+50	-1.2 / 30	-1.0 / 20	-0.2 / 10		0.0 / 10	+0.3 / 20	+1.4 / 30
89	-1.0 / 30	-1.0 / 20	-0.4 / 10		+0.8 / 10	+1.5 / 20	+2.0 / 30
+50	-0.5 / 30	0.0 / 20	0.0 / 10		+0.8 / 10	+1.5 / 20	+2.2 / 30
90	-0.7 / 30	-0.7 / 20	-0.6 / 10		+0.4 / 10	+0.6 / 20	+1.2 / 30

Sta	Left			C	Right		
90+50	-1.0 / 30	-1.0 / 20	-0.8 / 10		+0.7 / 10	+0.7 / 20	+0.9 / 30
91	-0.7 / 30	-0.7 / 20	-0.7 / 10		+0.5 / 10	+0.7 / 20	+1.3 / 30
+50	-1.6 / 30	-0.5 / 20	0.0 / 10		+0.4 / 10	+1.1 / 20	+1.5 / 30
92	-1.3 / 30	-1.8 / 20	0.0 / 10		+0.6 / 10	+0.6 / 20	+1.1 / 30
+50	-1.7 / 30	-1.7 / 20	-1.3 / 10		+0.4 / 10	+1.2 / 20	+1.5 / 30
93	-0.7 / 30	-1.3 / 20	-0.8 / 10		+1.0 / 10	+1.2 / 20	+1.6 / 30
+50	-0.4 / 30	-1.0 / 20	-1.0 / 10		+0.6 / 10	+0.6 / 20	+1.0 / 30
94	-0.8 / 30	-0.8 / 20	-0.8 / 10		+1.0 / 10	+1.2 / 20	+1.2 / 30
+50	0.0 / 30	0.0 / 10	0.0 / 10		0.0 / 10	0.0 / 20	+0.3 / 30
95			Level		+0.7 / 10	+1.2 / 20	+1.2 / 30
+18			Level				
95+50			Level				
96	-1.0 / 30	-0.8 / 20	-0.8 / 10		-0.7 / 10	-0.7 / 20	-1.0 / 30
+50	-0.8 / 30	-0.8 / 20	-0.3 / 10		0.0 / 10	0.0 / 20	0.0 / 30
97		-0.5 / 30	0.0 / 20	0.0 / 10	-0.4 / 10	-1.2 / 20	-1.2 / 30
+50		-1.8 / 30	-0.6 / 20	0.0 / 10	-0.3 / 10	-1.2 / 20	-1.5 / 30
98	-5.2 / 40	-5.2 / 30	-5.0 / 27	-0.7 / 20	0.0 / 10	-0.5 / 9	-0.9 / 10	-2.3 / 12	-3.4 / 20	-2.7 / 30

Sta	Left	C	Right
98+50	-5.8/40 -5.8/30 -5.5/25 -2.2/20 -0.5/17 0.0/10		-0.7/7 -2.4/10 -5.9/15 -6.4/20 -6.2/30 -5.7/40
+77	-6.2/40 -6.2/30 -6.2/28 -1.4/20 -0.5/18 0.0/10		-0.8/10 -1.3/14 -6.2/14 -6.0/20 -6.0/30 -6.0/40
99	-5.6/40 -5.3/30 -4.8/26 -1.1/20 -0.6/19 0.0/10		-0.6/8.0 -1.4/10 -3.2/20 -3.8/30
+50	-3.7/30 -1.7/20 -0.6/18 0.0/10		-0.5/10 -1.6/20 -1.1/30
100	-1.8/30 -1.0/20 0.0/10		-0.4/10 -0.9/20 -0.3/30
+50	+0.8/40 0.0/30 -1.3/25 -0.8/20 0.0/10		0.0/10 0.0/20 +0.8/30
+76.4	+2.4/30 +0.8/20 -1.0/16 -0.4/10		-0.3/10 0.0/20 +0.5/30
101	+6.0/30 +6.3/24 +3.7/20 -1.3/15 -0.6/10		0.0/10 -0.3/14 +3.1/20 +2.1/30
+50	+9.3/40 +9.3/30 +8.0/20 -0.8/12		0.0/10 -0.5/15 +5.0/20 +7.7/25 +6.6/30 +5.6/40
102	+10.2/40 +10.0/30 +10.0/22 +8.7/20 -0.7/11.0		-0.2/14 +6.5/20 +10.0/26 +10.2/30 +10.2/40
+50	+7.4/40 +8.4/30 +9.0/25 +6.0/20 -1.2/15 -0.6/10		-0.7/12 +7.0/20 +9.4/25 +9.8/30 +10/40
103	-0.8/40 -0.5/30 -0.7/20 -1.5/19 -0.5/10		0.0/10 0.0/20 +6.5/25 +6.5/30 +7.5/40
+50	-2.0/30 -1.4/20 -0.8/10		0.0/10 -0.5/20 -1.1/30 +2.4/40
104	-3.6/30 -3.4/20 -2.9/15 -0.6/10		0.0/10 -0.6/20 -1.2/30
+50	-3.7/30 -3.2/20 -2.4/15 -0.5/10		0.0/10 -0.8/20 -2.3/30
+75.9	-3.5/40 -3.5/30 -0.9/20 -0.3/10		0.0/10 -2.8/16 -3.4/20 -3.4/30
105	-3.5/30 -3.0/20 -0.5/15 -0.5/10		-0.3/11.0 -3.6/17.0 -3.9/20 -3.9/30

Sta	Left	C	Right
	3.6' 3.4' Culvert. Sta 98+77		
105+15	-3.6/30 -3.3/20 0.0/14		0.0/12 -3.3/17 -3.4/20 -3.4/30
106	-2.4/30 -2.4/20 -0.5/13 -0.5/10		-0.5/10 -0.5/14 -2.8/20 -2.8/30
107	-2.9/30 -2.9/20 -0.4/14 -0.4/10		-0.6/12 -2.8/18 -3.0/20 -3.0/30
+32	-2.8/30 -2.8/20 -2.8/17 -0.3/13		0.0/15 -2.7/20 -2.7/30
108	-3.4/30 -2.4/20 0.0/10		0.0/10 -1.2/20 -2.5/30
109	-2.2/30 -2.2/20 -0.3/10		-0.5/10 -1.8/20 -2.5/30
110	-2.1/30 -2.1/20 -0.6/10		-0.6/10 -2.1/20 -2.1/30
111	-2.1/30 -1.1/20 -0.4/10		-0.4/10 -1.3/20 -1.8/30
112	-2.1/30 -1.6/20 -0.5/10		-0.4/10 -1.1/20 -1.9/30
113	-1.7/30 -1.0/20 -0.4/10		-0.3/10 -0.9/20 -1.8/30
114	-0.6/30 -0.6/20 -0.4/10		-0.2/10 -0.8/20 -0.8/30
115	-2.0/30 -1.6/20 -0.5/10		-0.4/10 -1.1/20 -2.1/30
116	-1.9/30 -1.9/20 -0.4/10		-0.4/10 -0.8/14 -2.1/17 -2.3/20 -2.3/30
117	-2.2/30 -2.2/20 -0.8/10		-0.6/10 -1.8/20 -1.8/30
118	-1.7/30 -1.7/20 -0.8/10		-0.7/10 -2.1/20 -2.1/30

6/8/14 { M. Davis, J. Davis, Bradley

	Left				C	Right			
119	-1.7 / 30	-1.7 / 20	-0.8 / 10		-0.7 / 10	-2.0 / 20	-2.0 / 30	-2.0	
120	-0.9 / 30	-0.9 / 20	-0.6 / 10		-0.4 / 10	-0.4 / 20	-0.4 / 30		
121	-0.4 / 30	-0.4 / 20	-0.4 / 10		-0.5 / 10	-0.5 / 20	-0.5 / 30		
122	-2.0 / 30	-0.6 / 20	-0.4 / 10		-0.4 / 10	-1.1 / 20	-1.5 / 30		
+7.8	-4.1 / 30	-4.0 / 20	-4.0 / 17	-0.5 / 10	-0.4 / 10	-4.4 / 17	-4.4 / 20	-4.4 / 30	□ clubs
123	-3.3 / 30	-3.3 / 20	-3.2 / 17	-0.6 / 12	-1.0 / 13	-3.8 / 20	-3.8 / 30		
124	-3.4 / 30	-3.4 / 20	-3.4 / 17	-1.0 / 13	-0.7 / 10	-0.3 / 10	-2.4 / 20	-3.9 / 30	
125	-3.0 / 30	-2.3 / 20	-0.6 / 10		-0.3 / 10	-2.1 / 20	-2.8 / 30		
126	-0.8 / 30	-0.8 / 20	-0.6 / 10		-0.4 / 10	-0.7 / 20	-0.7 / 30		
127	0.0 / 30	+0.6 / 20	-0.3 / 10		0.0 / 10	-0.2 / 20	+0.6 / 30		
128	+0.5 / 30	+0.5 / 20	-0.4 / 10		0.0 / 10	0.0 / 20	+1.5 / 21	+1.5 / 30	
129	+0.6 / 30	+1.3 / 27	+0.4 / 20	-0.4 / 10	0.0 / 10	-1.0 / 20	+0.2 / 22	+0.2 / 30	
130	+0.4 / 30	+0.4 / 20	-0.6 / 10		0.0 / 10	1.0 / 20	+0.2 / 22	+0.7 / 30	
131	0.0 / 30	+0.3 / 20	+0.8 / 15	-0.6 / 13	0.0 / 10	-0.5 / 18	+0.7 / 20	0.0 / 30	
132	-1.3 / 30	-0.2 / 20	-0.6 / 10		0.0 / 10	-0.9 / 20	0.0 / 30		
133	-0.5 / 30	+0.5 / 20	-0.4 / 10		0.0 / 10	-0.7 / 20	+0.3 / 22	1.0 / 30	
134	-1.5 / 30	-1.0 / 20	-0.5 / 10		0.0 / 10	-0.8 / 20	0.0 / 22	+0.3 / 30	

	Left			C	Right		
135	-1.7 / 30	-1.7 / 20	-0.9 / 10		-0.2 / 10	-0.9 / 20	-1.0 / 30
136	-2.3 / 30	-2.3 / 20	-1.6 / 14	-0.7 / 10	0.0 / 10	-1.5 / 20	-1.5 / 30
137	-4.0 / 30	-4.0 / 20	-2.1 / 15	-0.6 / 10	-0.6 / 10	-0.9 / 14	-2.3 / 18	-2.6 / 20	-2.6 / 30
138	-3.7 / 30	-3.7 / 20	-2.9 / 14	-0.7 / 10	-0.4 / 10	-1.1 / 16	-2.7 / 20	-4.0 / 30
+61	-4.5 / 30	-4.5 / 20	-0.5 / 10		-0.4 / 10	-0.4 / 14	-4.4 / 20	-4.4 / 30
139	-3.0 / 30	-2.6 / 20	-2.2 / 13	-0.5 / 11	-0.6 / 12	-4.5 / 18	-4.9 / 20	-4.9 / 30
140	+2.0 / 30	+1.4 / 20	+1.4 / 14	-1.0 / 12	-0.6 / 10	-0.4 / 10	-0.4 / 20	-1.0 / 30
141	+1.3 / 30	+1.3 / 20	+0.6 / 12	-0.9 / 11	-0.3 / 10	-0.5 / 15	+0.3 / 20	-0.3 / 30
142	+0.4 / 30	+0.2 / 20	-0.6 / 10		-0.4 / 10	-0.4 / 20	0.0 / 30
143	-0.3 / 30	-0.3 / 20	0.0 / 11	-0.8 / 10	-0.2 / 10	-1.2 / 20	-0.2 / 30
144	0.0 / 30	0.0 / 20	0.0 / 13	-1.0 / 12	-0.7 / 10	0.0 / 10	-0.5 / 20	-0.5 / 30
145	+0.2 / 30	+0.4 / 20	0.0 / 13	-1.0 / 12	-0.4 / 10	-1.3 / 20	-0.3 / 30
146	+1.2 / 30	+0.2 / 20	+0.2 / 14	-0.6 / 13	-0.3 / 10	-0.3 / 10	-0.8 / 20	-0.2 / 30
147	+0.5 / 30	0.0 / 20	0.0 / 16	-1.0 / 15	-0.3 / 10	-0.3 / 10	-0.9 / 18	0.0 / 20	0.0 / 30
148	0.0 / 30	0.0 / 25	-0.8 / 24	-0.8 / 20	0.0 / 10	-0.2 / 10	-1.3 / 20	-1.7 / 30
149	-0.4 / 30	-1.3 / 20	0.0 / 10		-0.3 / 10	-1.7 / 20	-1.0 / 30
150	-0.2 / 30	-1.6 / 20	-0.3 / 10		0.0 / 10	-1.9 / 20	-1.6 / 30

	Left				C	Right		
151	-2.4	-2.4	-0.4		-0.4	-2.4	-2.7	
	30	20	10		10	20	30	
152	-2.7	-2.7	-0.4		-0.5	-2.5	-3.0	-2.4
	30	20	10		10	17	20	30
153	-2.7	-2.7	-2.4	-0.7	-0.5	-2.2	-2.5	-1.6
	30	20	16	10	10	16	20	30
154	-3.4	-2.8	-0.6		-0.5	-2.6	-3.1	
	30	20	10		10	20	30	
Culvert	stream about 7' deep.							
+15.3	-2.5	-2.7	-1.9	-0.6	-0.3	-0.3	-1.7	-2.5
	30	20	14	14	10	10	20	30
155	-0.5	-0.9	-0.5			0.0	0.0	0.0
	30	20	10			10	20	30
156	-0.7	-0.7	-1.5	-0.7		-0.6	-1.4	-1.6	-0.6	-0.6
	30	20	18	10		10	16	17	20	30
157	-0.8	-0.8	-1.8	-0.8		-0.6	-1.5	-0.6	-0.6	-0.6
	30	20	17	10		10	16	17	20	30
158	-0.8	-0.8	-1.7	-0.9		-0.4	-1.3	-0.4	-0.4
	30	17	16	10		10	17	18	30
159	-0.7	-0.7	-1.8	-0.7		-0.6	-1.6	-0.6	-0.6
	30	18	17	10		10	17	18	30
160	-1.6	-1.6	-0.9			-0.5	-1.4	-0.5	-0.5
	30	20	10			10	15	20	30
161	-0.4	-0.4	-0.8	-0.4		0.0	0.0	+0.5	+0.5
	30	20	15	10		10	16	17	30
162	0.0	0.0	-0.1	-0.5		0.0	-0.6	+0.4	+0.4
	30	16	15	10		10	15	16	30
163	-0.7	-0.7	-1.5	-0.7		-0.6	-1.5	0.0	0.0
	30	17	16	10		10	17	18	30
164	-0.8	-0.8	-1.6	-0.8		-0.4	-1.3	0.0	0.0
	30	17	16	10		10	16	17	30

	Left				C	Right		
165	0.0	0.0	-1.4	-0.8		-0.5	-1.4	0.0	0.0
	30	18	17	10		10	15	16	30
166	-0.8	-0.8	-1.6	-0.8		-0.5	-1.4	0.0	0.0
	30	17	16	10		10	16	17	30
167	-0.8	-0.8	-1.6	-0.9		-0.4	-1.0	-0.4	-0.4
	30	17	16	10		10	16	17	30
168	-0.7	-0.7	-1.4	-0.7		-0.6	-1.6	0.0	0.0
	30	17	16	10		10	17	18	30
169	-1.8	-0.8	-1.8	-1.0		-0.6	-1.7	0.0	0.0
	30	16	15	10		10	16	17	30
170	-0.8	-0.8	-1.6	-0.8		-0.4	-1.3	0.0	0.0
	30	16	15	10		10	17	18	30
171	-0.6	-0.6	-1.2	-0.6		-0.3	-1.2	+0.2	+0.2
	30	16	15	10		10	16	17	30
172	-0.6	+0.6	-1.4	-0.6		-0.3	-1.1	0.0	0.0
	30	17	16	10		10	17	18	30
173	-0.6	-0.6	-1.3		-0.6	-0.3	-0.9	+0.2	+0.2
	30	18	16		10	10	15	16	30
174	-0.7	-0.7	-1.5	-0.7		-0.4	-1.2	0.0	+0.3
	30	17	16	10		10	16	17	30
+4.3	-0.7	-0.7	-1.4	-0.7		-0.4	-1.3	0.0	0.0
	30	17	16	10		10	17	18	30
175	-0.4	-0.4	-1.3	-0.4		-0.5	-0.6	+0.3	+0.3
	30	19	18	10		10	13	14	30
176	-0.7	-0.7	-1.5	-0.7		-0.5	-0.9	0.0	+0.4
	30	18	17	10		10	16	17	30
177	-0.3		-0.3	-1.1	-0.7	-0.5	-1.0	0.0	+0.4
	30		14	13	10	10	17	18	30
178	-0.7	-0.7	-1.4	-0.7		-0.4	-0.6	+0.1	+0.5
	30	15	14	10		10	17	18	30
179	-0.3	-0.3	-1.3	-0.6		-0.4	-0.8	+0.1	+0.6
	30	16	16	10		10	18	18	30
180	-0.5	-0.5	-1.4	-0.5		-0.5	-0.9	+0.2	+0.7
	30	18	17	10		10	17	18	30

6/9/04 { Y. Davis, J. Davis, Bradley

	Left				C	Right			
180+76	-0.5/30	-0.5/17	-1.2/16	-0.5/10		-0.3/10	-0.8/16	-0.3/16	-0.8/30
181+183		-0.8/30	-0.6/20	-0.3/10		-0.3/10	-0.5/20	-0.5/30	
181+64	-0.3/30	-0.3/23	-1.2/22	-0.3/10		-0.4/10	-1.4/22	-0.3/23	-0.3/30
182+53	0.0/30	0.0/16	-1.0/15	-0.5/10		-0.4/10	-1.3/21	0.0/22	0.0/30
183+53	-0.3/30	-0.3/14	-1.1/13	-1.0/10		-0.4/10	-1.6/22	-0.5/23	-0.5/30
184+53	-0.3/30	-0.3/13	-1.3/12	-0.9/10		-0.4/10	-1.6/20	-0.2/21	-0.2/30
185+53	-0.8/30	-0.8/13	-1.3/12			-0.5/10	-1.2/17	0.0/18	0.0/30
186+53	-1.6/30	-1.6/20	-1.2/16			-0.3/10	-0.7/16	0.0/18	0.0/30
187+53	-0.8/30	-0.8/14	-1.5/13	-1.2/10		-0.4/10	-1.0/17	0.0/18	0.0/30
188+53	-0.7/30	-0.7/15	-1.5/14	-1.0/10		-0.4/10	-1.5/16	-0.4/17	-0.4/30
189+53	-0.3/30	-0.3/14	-1.2/13	-0.8/10		-0.4/10	-1.1/19	-0.4/20	-0.4/30
190+53	-2.1/30	-2.1/20	-1.8/15	-0.5/10		-0.4/10	-1.9/20	-1.9/30	
191+53	-3.5/30	-3.1/20	-2.9/18	-0.3/13		-0.2/10	-0.5/16	-2.5/20	-2.5/30
191+94	-3.6/30	-2.3/20	-0.3/15			-0.2/10	-1.5/20	+1.0/30	
192+29	-3.3/30	-1.3/20	-0.5/10			-0.4/10	-1.8/20	+2.2/30	
192+93	-4.0/30	-2.3/20	-0.4/10			-0.6/8	+0.3/10	+4.0/15	+5.1/20	+6.6/30
193+53	-6.5/30	-5.0/20	-4.9/18	-1.0/10		-1.2/11	+2.8/15	+3.6/20	+5.0/30

	Left				C.	Right				
194+53	-4.2/30	-3.7/20	-3.3/17	-1.1/10		-0.4/10	-1.1/16	+0.5/18	+0.7/20	+2.2/30
195+03		-3.0/30	-2.3/20	-1.3/10		-0.4/10	-1.3/15	+1.0/16	+1.3/20	+2.1/30
195+53		-1.8/30	-1.1/20	-0.6/10		-0.1/10	-1.2/16	+1.5/17	+1.7/20	+2.2/30
+88		-2.2/30	-1.6/20	-0.8/10		-0.6/10	-1.8/15	-1.3/20	-0.8/30	Culvert
196+03		-2.8/30	-2.5/20	-0.6/10		-0.4/10	-1.3/14	-4.7/14	-4.7/20	-4.0/30
+13	-5.5/30	-5.0/20	-4.5/15	-1.1/15	-0.5/10		+0.3/10	-1.0/17	-0.4/20	+0.8/30
+53		-2.8/30	-2.3/20	-1.0/10		-0.4/10	-0.1/20	+0.5/30		
197+53		-2.8/30	-1.9/20	-0.9/10		-0.7/10	+0.4/11	+0.9/20	+1.6/30	
198+53		-2.7/30	-1.7/20	-0.6/10		-0.9/10	+0.3/11	+1.5/20	+2.3/30	
199+53		-2.8/30	-1.9/20	-1.0/10		-1.0/12	+0.6/13	+1.0/20	+1.8/30	
200+53		-2.1/30	-1.3/20	-0.8/10		-1.0/13	+0.6/14	+0.9/20	+1.4/30	
201+53		-1.8/30	-1.2/20	-0.6/10		-0.8/10	-1.1/12	+1.0/14	+1.3/20	+2.1/30
202+53		-1.6/30	-0.9/20	-0.4/13	-0.9/12		-0.8/10	-1.4/13	+1.1/15	+1.1/20	+1.6/30
203+53		-2.2/30	-1.5/20	-1.8/14	-1.1/10		-1.4/14	+0.8/16	+1.1/20	+1.9/30
204+53		-2.5/30	-1.7/20	-1.1/10		-0.3/10	-0.8/16	+0.4/17	+0.7/20	+2.2/30
205+03		-2.7/30	-1.9/20	-1.2/10		-0.5/10	-1.1/15	-0.2/20	+2.0/30	
+53	-3.8/30	-2.6/20	-2.2/13	-0.8/10		-0.7/10	-1.8/20	+0.3/30		

6/10/14 { W. Davis, J. Davis, Bradley.

Sta	Left	C	Right
206+03	-3.9/30 -3.9/20 -3.8/14 -1.4/10		-0.6/10 -1.2/14 -2.3/14 -1.3/20 +2.4/30
+53	-4.8/30 -3.7/20 -2.9/15 -0.9/10		-0.4/10 -1.6/15 -1.5/20 -0.8/30
207+03	-3.2/30 -2.5/20 -1.0/10		-0.3/10 -0.8/15 +0.2/20 +0.9/30
+53	-2.5/30 -1.7/20 -1.0/10		-0.2/10 -1.1/16 +1.1/20 +1.8/30
208+03	-2.0/30 -1.4/20 -0.8/10		-0.9/14 +1.6/17 +2.2/30
+53	-1.4/30 -0.8/20 -0.4/16 -1.5/15 -0.8/10		-0.7/10 +1.6/16 +1.9/20 +2.6/30
209+03	-2.2/30 -0.8/20 -0.8/16 -1.3/15 -0.7/10		-1.4/10 +2.6/17 +2.7/20 +3.3/30
+53	-1.9/30 -0.9/20 -0.9/15 -1.5/14 -0.8/10		-1.0/11 +2.4/17 +2.8/20 +3.5/30
210	-2.0/30 -0.9/20 -0.4/16 -1.7/15 -0.8/10		-0.8/13 +2.8/20 +3.9/30
211	-2.9/30 -2.0/20 -0.8/10		-0.3/17 +0.7/20 +1.1/30
212	-2.7/30 -2.7/20 -1.1/10		0.0/10 -0.6/20 +1.0/30
+37	-2.8/30 -2.2/20 -5.0/17 -1.0/9		0.0/10 -0.4/20 +1.0/30
213	-3.6/30 -2.3/20 -1.25/10		0.0/10 -0.6/20 +1.0/30
214	-5.2/30 -5.2/20 -4.8/15 -3.0/10 -0.4/6		0.0/10 -1.4/20 -0.2/20 +0.2/30
215	-5.7/30 -5.2/26 -2.5/23 -1.8/10		0.0/10 -1.3/20 -0.8/30
+12	-6.6/30 -5.2/20 -1.3/10		0.0/10 -0.6/18 -2.0/20 -1.5/30
216	-5.1/30 -2.0/20 -1.4/14 -2.2/13 -1.4/10		0.0/10 -1.1/20 -1.3/24 0.0/25 +1.0/30
217	-2.0/30 -1.6/20 -1.1/15 -1.6/14 -1.1/10		-0.2/10 -1.3/20 +0.3/24 +1.1/30

Culvert 2.8'

Culvert 3'

Culvert 2.3'

Sta	Left	C	Right
218	-1.6/30 -1.6/20 -1.1/10		-0.5/18 -1.5/20 +0.6/22 +1.5/30
219	-1.6/30 -1.6/20 -0.5/13 -1.4/12		-0.5/10 -1.5/20 +0.5/22 +1.2/30
220	-1.5/30 -1.5/20 -0.5/13 -1.5/11		-0.7/10 -1.7/18 +0.2/28 +0.7/31
221	-1.1/30 -1.9/20 -1.4/11		-0.5/10 -2.0/18 -0.5/20 +0.3/30
222	-0.3/30 -1.1/20 -0.6/13 -1.4/12 -1.0/10		0.0/10 -1.0/20 -0.1/21 +0.3/30
223	-0.5/30 -1.0/20 -1.0/10		0.0/10 -0.8/20 -0.1/21 +0.3/30
224	-1.5/30 -1.5/20 -1.0/10		0.0/10 -0.8/20 -0.2/22 0.0/30
225	-1.3/30 -1.5/20 -1.1/10		0.0/10 -1.2/20 -0.4/21 -0.4/30
226	-1.1/30 -1.7/20 -1.5/10		0.0/10 -1.7/20 -0.6/21 +0.3/30
227	-0.9/30 -1.5/20 -1.5/10		0.0/10 -1.4/20 -0.3/21 +0.2/30
228	-1.4/30 -1.4/20 -1.4/10		0.0/10 -1.4/20 -0.7/30
229	-1.1/30 -1.8/20 -1.3/10		0.0/10 -1.3/20 -1.7/30
230	-1.2/30 -1.8/20 -1.2/10		0.0/10 -0.9/20 -1.8/30
231	-4.0/30 -4.7/20 -1.9/16 -0.6/10		-0.3/10 -0.3/20 -0.9/30
232	-2.3/30 -2.3/20 -0.7/10		0.0/10 -1.4/20 -1.4/30
+40	-2.7/30 -2.7/20 -0.5/10		0.0/10 +2.9/20 -2.8/30
233	-2.5/30 -2.5/20 -0.9/10		-0.3/10 -1.6/20 -1.8/30

Culvert 2'

	Left					Right				
234	-2.5/30	-2.5/20	-2.6/14	-1.1/10		-0.4/10	-1.8/20	-1.2/30		
235	-1.0/30	-0.8/20	-0.9/15	-1.6/14	-0.9/10	0.0/10	-0.5/17	+0.5/18	+0.5/20	+0.5/30
236	-1.0/30	-0.7/20	-0.7/18	-2.3/15	-1.3/10	0.0/10	-1.3/19	0.0/20	+0.6/30	
237	-0.8/30	-0.2/20	-0.2/15	-1.7/14	-1.1/10	-0.3/10	-1.2/18	+0.3/20	+0.5/30	
238	-0.3/30	-1.3/20	-1.3/15	-1.9/14	-1.3/10	-0.4/10	-1.4/20	-0.2/22	+0.3/30	
239	-0.4/30	-0.2/20	-0.2/15	-1.3/14	-1.1/10	0.0/10	-0.5/18	+0.5/20	+1.0/30	
240	+0.2/30	+0.2/20	+0.2/14	-1.6/12	-1.4/10	0.0/10	-1.0/19	0.0/20	+0.9/30	
241	-0.6/30	-0.6/20	-0.6/14	-1.4/13	-1.2/10	0.0/10	-1.2/19	0.0/20	+0.6/30	
242	-0.5/30	-0.5/20	-0.3/14	-1.3/13	-0.8/10	-0.5/10	-1.5/19	-0.5/20	+0.8/30	
243	-0.6/30	-0.6/20	0.0/13	-1.2/12	-0.8/10	-0.5/10	-1.3/18	-0.5/20	-0.3/30	
244	-1.0/30	-1.0/20	-0.6/13	-1.6/12	-1.2/10	-0.6/10	-1.4/19	-0.6/20	-0.4/30	
245	-1.0/30	-1.0/20	-0.8/14	-1.6/13	-1.0/10	0.0/10	-0.9/20	-0.1/22	0.0/30	
246	-1.3/30	-1.2/20	-1.7/18	-0.8/10		-0.4/10	-1.3/20	-0.4/30		
247	-1.6/30	-1.5/20	-1.6/16	-0.7/10		-0.6/10	-1.6/20	-0.7/30		
248	-1.6/30	-1.4/20	-0.8/10			-0.5/10	-1.6/20	-0.8/30		
249	-1.6/30	-1.6/20	-1.5/15	-0.5/10		-0.5/10	-1.6/20	-0.9/30		
+81	-2.6/30	-2.6/20	-1.1/10			-0.4/12	-1.8/14	-2.2/20	-1.7/30	

	Left					Right				
250	-2.4/30	-2.4/20	-0.8/10			-0.3/12	-1.6/16	-1.9/20	-1.3/30	
251	-3.0/30	-3.0/20	-1.9/13	-0.8/10		-0.3/10	-0.9/15	-1.6/17	-1.9/20	-1.2/30
252	-1.8/30	-2.0/20	-0.8/10			-0.6/10	-1.9/20	-1.2/30		
253	-0.7/30	-0.7/23	-1.2/22	-0.9/10		-0.8/10	-1.6/20	-0.7/30		
254	-0.9/30	-0.9/16	-1.6/15	-0.9/10		-0.6/10	-1.4/20	-0.5/30		
255	-0.7/30	-0.7/15	-1.4/14	-0.9/10		-0.8/10	-2.0/18	-0.8/20	-1.6/30	
256	-0.6/30	-0.4/23	-1.3/22	0.0/10		-0.5/10	-1.1/19	-0.5/20	-0.5/30	
257	-0.7/30	-0.7/20	-0.7/15	-1.3/14	-1.0/10	-0.5/10	-1.6/19	-0.8/20	-0.8/30	
258	-0.6/30	-0.6/14	-1.8/13	-1.2/10		-0.4/10	-0.9/16	+0.2/17	-0.4/20	+0.5/30
259	0.0/30	0.0/16	-1.3/15	-1.2/10		-0.6/10	-0.9/17	0.0/18	0.0/30	
260	-0.6/30	-1.1/13	-1.8/12	-1.5/10		-0.0/10	-0.9/20	-0.1/21	0.0/30	
261	-1.1/30	-0.8/20	-0.8/10			0.0/10	-0.9/20	-1.5/25	+0.2/30	
262	-0.9/30	-1.5/20	-0.8/10			0.0/10	-0.8/20	+0.5/30		
263	-1.7/30	-1.7/20	-1.0/10			-0.2/10	-1.0/20	+0.8/30		
264	-1.0/30	-1.0/20	-0.6/10			0.0/10	-0.5/16	-2.0/20	-0.4/30	
265	-1.6/30	-1.4/20	-0.6/10			-0.2/10	-0.5/15	-2.6/20	+0.4/26	+0.7/30
+60	0.0/30	0.0/20	-0.5/15	0.0/10		0.0/10	+0.3/20	+0.3/30		

Sta	Left			C	Right		
246	-3.5 / 30	-3.5 / 20	+0.6 / 15	0.0 / 10	0.0 / 10	+0.4 / 20	+0.4 / 30
247		-0.4 / 30	+0.2 / 20	+0.2 / 10	0.0 / 10	+0.3 / 20	+0.5 / 30
+50.9		0.0 / 30	0.0 / 20	0.0 / 10	0.0 / 10	+0.1 / 20	+1.2 / 30

Levels over center line of 30th St Across Switzers Cañon 7/25/04 { Da[illegible] Lambert

Sta	+	I.H	−	Elev BM =
	0.26	295.88		295.62
00 = 50 line Montana			9.18	286.70
+0.5			9.62	286.26
+10			10.31	285.57
+15			11.77	284.11
+20			12.75	283.13
T.P.	+0.20	283.32	12.76	283.12
+25			0.93	282.39
+30			1.55	281.77
+35			2.20	281.12
+40			3.15	280.17
+45			3.95	279.37
+50			5.02	278.30
+55			5.49	277.83
+60			5.91	277.41
+65			6.02	277.30
+70			6.90	276.42

		283.32		
+75			7.82	275.50
+80			8.60	274.72
+85			10.65	272.67
+90			12.12	271.20
T.P.	0.17	271.49	12.0	271.32
+95			1.73	269.76
1+00			3.35	268.14
1+05			4.19	267.30
+10			5.51	265.98
+15			6.67	264.82
+20			8.33	263.16
+25			10.49	261.00
+30			13.05	258.44
T.P.	0.41	260.35	11.55	259.94
+35			4.84	255.51
+40			7.51	252.84
+45			10.0	250.35

Sta	+	I.H. (260.35)	−	Elev
1+50			12.34	248.01
+55			15.00	245.35
+60			16.30	244.05
+65			15.10	245.25
+70			13.33	247.02
+75			12.64	247.71
+80			12.61	247.74
+85			12.65	247.70
+90			12.96	247.39
+95			13.70	246.65
2+00			12.68	247.67
T.P.	.32	248.06	12.61	247.74
2+05			1.03	247.03
+10			1.70	246.36
+15			2.46	245.60
+20			2.99	245.07
+25			3.62	244.44

Sta	+	I.H. (248.06)	−	Elev
2+30			4.72	243.34
+35			5.53	242.53
+40			6.52	241.54
+45			7.45	240.61
+50			8.55	239.51
+55			9.81	238.25
+60			11.08	236.98
+65			12.54	235.52
TP	0.75	236.27	12.54	235.52
+70			2.11	234.16
+75			3.51	232.76
+80			4.80	231.47
+85			6.88	229.39
+90			7.42	228.85
+95			7.23	229.04
+99.75			4.75	231.52
3+05			3.01	233.26

Sta	+	I.H 236.27	−	Ele
3+10			4.09	232.18
+15			5.66	230.61
+20			8.49	227.78
+25			10.91	225.36
+30			13.32	222.95
+35			13.90	222.37
+40			13.75	222.52
+45			13.30	222.97
+50			12.57	223.70
+55			12.35	223.92
+60			12.61	223.66
+65			13.25	223.02
T.P	1.07	224.74	12.60	223.67
+70			2.20	222.54
+75			3.45	221.29
+80			7.31	217.43
+85			10.09	214.65

Sta	+	I.H 224.74	−	Ele
3+90			12.30	212.44
T.P	1.40	213.84	12.30	212.44
+95			3.59	210.25
4+00			5.21	208.63
+05			6.16	207.68
+10			7.09	206.75
+15			8.31	205.53
+20			10.33	203.51
+25			11.33	202.51
+30			10.88	202.96
+35			8.74	205.10
+40			8.63	205.21
+45			8.55	205.29
+50			8.66	205.18
+55			8.82	205.02
+60			6.89	204.95
+65			8.59	205.25

Sta	+	I.H. 213.84	−	Ele
4+70			8.15	205.69
+75			7.80	206.04
+80			7.58	206.26
+85			7.19	206.65
+90			6.30	207.54
+95			5.15	208.69
5+00			4.37	209.47
+05			3.43	210.41
+10			2.71	211.13
+15			2.10	211.74
+20			1.46	212.38
+25			0.66	213.18
T.P.	11.77	224.95	0.66	213.18
+30			10.91	214.04
+35			9.94	215.01
+40			9.17	215.78
+45			8.02	216.93

Sta	+	I.H. 224.95	−	Ele
5+50			6.96	217.99
+55			6.40	218.55
+60			5.66	219.29
+65			4.75	220.20
+70			3.85	221.10
+75			2.43	222.52
+80			1.09	223.86
+85			0.63	224.32
T.P.	3.71	228.04	.62	224.33
+90			2.85	225.19
+95			2.58	225.46
6+00			2.19	225.85
+05			2.25	225.79
+10			2.23	225.81
+15			2.96	225.08
+20			3.30	224.74
+25			3.95	224.09

Sta	+	I.H. 228.04	−	Ele
6+30			4.24	223.80
+35			5.24	222.80
+40			6.08	221.96
+45			6.99	221.05
+50			7.46	220.58
+55			8.82	219.22
+60			8.15	219.89
+65			7.11	220.93
+70			5.25	222.79
+75			3.16	224.88
+80			1.62	226.42
+85			0.11	227.93
T.P.	12.65	240.58	0.11	227.93
+90			10.93	229.65
+95			9.48	231.10
7+00			8.51	232.07
+05			7.71	232.87

Sta	+	I.H. 240.58	−	Ele
7+10			6.38	234.20
+15			5.17	235.41
+20			4.20	236.38
+25			2.52	238.06
+30			0.85	239.73
T.P	10.68	250.41	0.85	239.73
+35			8.98	241.43
+40			6.27	244.14
+45			3.87	246.54
+50			1.38	249.03
T.P.	11.97	261.94	0.44	249.97
+55			10.78	251.16
+60			8.63	253.31
+65			7.01	254.93
+70			4.94	257.00
+75			2.88	259.06
+80			0.89	261.05

Sta	+	I.H	−	Ele
T.P.	11.57	272.62	0.89	261.05
7+85			9.90	262.72
+90			7.46	265.16
+95			5.37	267.25
8+00			2.78	269.84
+05			0.51	272.11
T.P.	12.68	284.79	0.51	272.11
+10			10.78	274.01
+15			9.25	275.54
+20			7.59	277.29
+25			5.33	279.46
+30			2.78	282.01
T.P	11.71	295.35	1.15	283.64
+35			11.24	284.11
+40			10.47	284.88
+45			9.69	285.66
+50			8.79	286.56
+55			8.12	287.23
+60			7.38	287.97
+65			7.18	288.17
+70			6.77	288.58
+75			6.44	288.91
+80			6.09	289.26
+85			5.82	289.53
+90			5.61	289.74
+95			5.39	289.96
9+00			5.11	290.24

Contours on 3.0 sta St across

	Left			C	Right			
0.0	292 / 31	290 / 16	288 / 6		286 / 3	284 / 10	282 / 17	280 / 26
+05	292 / 48	290 / 28	288 / 10		286 / 2	284 / 9	282 / 15	280 / 24 / 278 / 29
+10	290 / 34	288 / 19	286 / 7		284 / 3	282 / 9	280 / 19	278 / 26
+15	290 / 40	288 / 23	286 / 7		284 / 1	282 / 9	280 / 17	278 / 26
+20	288 / 30	286 / 14	284 / 3		282 / 4	280 / 15	278 / 23	276 / 33
+25	288 / 41	286 / 21	284 / 6		282 / 2	280 / 12	278 / 18	276 / 28
+30	288 / 44	286 / 24	284 / 12	282 / 4	280 / 8	278 / 16	276 / 24	274 / 29
+35	286 / 26	284 / 16	282 / 5		280 / 5	278 / 14	276 / 21	274 / 26
+40	286 / 35	284 / 22	282 / 11		280 / 2	278 / 12	276 / 20	274 / 24 / 272 / 29
+45	284 / 35	282 / 19	280 / 8		278 / 7	276 / 17	274 / 22	272 / 27
+50	284 / 38	282 / 21	280 / 10		278 / 1	276 / 13	274 / 19	272 / 24 / 270 / 29
+55	284 / 41	282 / 24	280 / 13	278 / 1	276 / 10	274 / 18	272 / 22	270 / 26 / 268 / 30
+60	282 / 29	280 / 18	278 / 8		276 / 7	274 / 15	272 / 19	270 / 22 / 268 / 26
+65	282 / 33	280 / 20	278 / 10		276 / 4	274 / 12	272 / 17	270 / 20 / 268 / 23 / 266 / 26
+70	282 / 36	280 / 23	278 / 12		276 / 1	274 / 10	272 / 14	270 / 17 / 268 / 21 / 266 / 25
+75	280 / 28	278 / 18	276 / 8		274 / 7	272 / 11	270 / 15	268 / 19 / 266 / 24 / 264 / 27
+80	2.8 / 34	+278 / 21	+276 / 9		274 / 3	272 / 8	270 / 12	268 / 16 / 266 / 20 / 264 / 24 / 262 / 27

Switzers Cañon 7/26/24 { Davis Lambert

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	Left			C	Right					
+85	280 / 39	278 / 25	276 / 11	274 / 7	272 / 3	270 / 7	268 / 12	266 / 17	264 / 22	262 / 27
+90	278 / 29	276 / 15	274 / 8	272 / 3		270 / 4	268 / 8	266 / 12	264 / 16	262 / 20 / 260 / 25
+95	278 / 32	276 / 16	274 / 9	272 / 7	270 / 2		268 / 4	266 / 8	264 / 12	262 / 16 / 260 / 20 / 258 / 24
+100	278 / 35	276 / 18	274 / 11	272 / 8	270 / 7		268 / 1	266 / 7	264 / 11	262 / 15 / 260 / 19 / 258 / 23
+105	276 / 30	274 / 14	272 / 11	270 / 8	268 / 3		266 / 5	264 / 8	262 / 12	260 / 17 / 258 / 21 / 256 / 25
+10		274 / 26	272 / 19	270 / 11	268 / 8		264 / 6	262 / 9	260 / 13	258 / 17 / 256 / 21 / 254 / 25 / 252 / 29
+15			270 / 26	268 / 16	266 / 8		264 / 5	262 / 9	260 / 12	258 / 17 / 256 / 21 / 254 / 25 / 252 / 28
+20			268 / 29	266 / 13	264 / 7		262 / 4	260 / 8	258 / 12	256 / 17 / 254 / 21 / 252 / 25
+25			266 / 36	264 / 24	262 / 8		260 / 4	258 / 9	256 / 13	254 / 17 / 252 / 21 / 250 / 25
+30			264 / 38	262 / 25	260 / 9		258 / 2	256 / 7	254 / 13	252 / 18 / 250 / 23 / 248 / 28
+35			260 / 26	258 / 13	256 / 1		254 / 8	252 / 15	250 / 22	248 / 26
+40			258 / 38	256 / 27	254 / 7		252 / 4	250 / 12	248 / 20	246 / 26
+45			256 / 33	254 / 24	252 / 13		250 / 2	248 / 11	246 / 21	244 / 28
+50			254 / 29	252 / 20	250 / 21	248 / 16		246 / 9	244 / 19	242 / 27
+55			254 / 24	252 / 21	250 / 17	248 / 12	246 / 6		244 / 4	242 / 15 / 240 / 26
+60			254 / 29	252 / 21	250 / 18	248 / 14	246 / 9	244 / 6		242 / 8 / 240 / 15 / 238 / 26
+65			254 / 24	252 / 20	250 / 16	248 / 11	246 / 6	244 / 2		244 / 3 / 242 / 9 / 240 / 16 / 238 / 22 / 236 / 31

Davis
Lambert

	Left	C	Right
+70	256 (22) 254 (18) 252 (13) 250 (9) 248 (4)	247.02	246 (3) 244 (8) 242 (13) 240 (19) 238 (24) 236 (30)
+75	258 (22) 256 (19) 254 (15) 252 (11) 250 (7) 248 (6)	247.71	246 (6) 244 (11) 242 (16) 240 (21) 238 (26)
+80	258 (22) 256 (18) 254 (14) 252 (10) 250 (6) 248 (5)	247.74	246 (7) 244 (10) 242 (16) 240 (22) 238 (28)
+85	258 (21) 256 (17) 254 (13) 252 (9) 250 (5) 248 (2)	247.70	246 (7) 244 (11) 242 (18) 240 (22) 238 (28)
+90	258 (21) 256 (17) 254 (13) 252 (9) 250 (5) 248 (2)	247.39	246 (6) 244 (11) 242 (16) 240 (22) 238 (28)
+95	258 (24) 256 (19) 254 (14) 252 (10) 250 (5) 248 (1)	246.65	246 (5) 244 (11) 242 (15) 240 (20) 238 (25) 236 (31)
2400	256 (21) 254 (16) 252 (11) 250 (6) 248 (1)	247.67	246 (1) 244 (10) 242 (14) 240 (19) 238 (25) 236 (31)
+05	256 (22) 254 (17) 252 (12) 250 (6) 248 (1)	247.03	246 (1) 244 (9) 242 (14) 240 (19) 238 (25) 236 (26)
+10	256 (24) 254 (19) 252 (14) 250 (8) 248 (3)	246.34	246 (1) 244 (6) 242 (12) 240 (16) 238 (21) 236 (26)
+15	256 (27) 254 (22) 252 (17) 250 (10) 248 (5) 246 (1)	245.60	244 (3) 242 (11) 240 (16) 238 (20) 236 (24) 234 (29)
+20	256 (30) 254 (24) 252 (18) 250 (11) 248 (6) 246 (2)	245.07	244 (2) 242 (8) 240 (16) 238 (19) 236 (24) 234 (29)
+25	254 (30) 252 (23) 250 (16) 248 (10) 246 (5)	244.44	244 (1) 242 (4) 240 (13) 238 (18) 236 (22) 234 (27)
+30	252 (27) 250 (20) 248 (13) 246 (7) 244 (1)	243.34	242 (4) 240 (9) 238 (17) 236 (21) 234 (26) 232 (32)
+35	252 (30) 250 (22) 248 (15) 246 (9) 244 (4)	242.53	242 (2) 240 (7) 238 (12) 236 (18) 234 (28) 232 (27)
+40	250 (26) 248 (18) 246 (11) 244 (6) 242 (1)	241.54	240 (3) 238 (7) 236 (15) 234 (21) 232 (26)
+45	250 (30) 248 (23) 246 (14) 244 (10) 242 (4)	240.61	240 (2) 238 (6) 236 (13) 234 (20) 232 (26)
+50	248 (28) 246 (20) 244 (13) 242 (8) 240 (2)	239.51	238 (4) 236 (8) 234 (17) 232 (22) 230 (27)

	Left	C	Right
+55	246 (26) 244 (18) 242 (10) 240 (5)	238.25	238 (1) 236 (6) 234 (11) 232 (19) 230 (25) 228 (30)
+60	244 (26) 242 (17) 240 (10) 238 (4)	236.98	236 (4) 234 (9) 232 (15) 230 (22) 228 (28)
+65	244 (28) 242 (20) 240 (13) 238 (7) 236 (1)	235.82	234 (4) 232 (10) 230 (18) 228 (25) 226 (31)
+70	242 (29) 240 (21) 238 (13) 236 (5)	234.76	234 (1) 232 (7) 230 (11) 228 (21) 226 (27)
+75	242 (34) 240 (25) 238 (17) 236 (10) 234 (4)	233.76	232 (2) 230 (8) 228 (15) 226 (22) 224 (30)
+80	240 (33) 238 (23) 236 (15) 234 (8) 232 (2)	231.47	230 (4) 228 (11) 226 (17) 224 (26) 222 (32)
+85	238 (31) 236 (21) 234 (14) 232 (6) 230 (1)	229.39	228 (6) 226 (13) 224 (21) 222 (29)
+90	236 (26) 234 (18) 232 (11) 230 (5)	228.85	228 (3) 226 (11) 224 (17) 222 (27)
+95	236 (30) 234 (21) 232 (13) 230 (4)	228.04	228 (3) 226 (9) 224 (15) 222 (23) 220 (32)
+99.75 △	236 (29) 234 (17) 232 (3)	227.52	230 (5) 228 (9) 226 (12) 224 (16) 222 (20) 220 (30)
3405	238 (50) 236 (10) 234 (1)	232.26	232 (2) 230 (6) 228 (9) 226 (12) 224 (15) 222 (18) 220 (26)
+10	240 (73) 238 (23) 236 (3) 234 (2)	232.18	232 (1) 230 (4) 228 (7) 226 (10) 224 (14) 222 (18) 220 (24)
+15	234 (30) 234 (20) 234 (10) 234 (4) 232 (2)	230.61	230 (1) 228 (4) 226 (7) 224 (10) 222 (14) 220 (21)
+20	234 (28) 232 (14) 230 (4) 228 (1)	227.78	226 (3) 224 (6) 222 (11) 220 (15) 218 (27)
+25	232 (28) 230 (21) 228 (9) 226 (2)	225.36	224 (3) 222 (6) 220 (14) 218 (20) 216 (30)
+30	232 (30) 230 (21) 228 (15) 226 (9) 224 (2)	222.75	222 (2) 220 (10) 218 (19) 216 (28)
+35	226 (31) 227 (24) 228 (23) 226 (13) 224 (5)	222.37	222 (1) 220 (9) 218 (18) 216 (24)

7/28/64 { Davis / Lambert

	Left				C	Right				
3+40	228/27	226/12	224/5	222.52		222/1	220/6	218/11	216/16	214/34
+45	224/35	226/12	224/3	222.97		222/3	220/8	218/13	216/18	214/33
+50	222/31	224/27	225/11	224/1	223.70	222/5	220/9	218/15	216/20	214/31
+55	220/29	222/25	224/20	224.7/17	224/1	222.94	222/7	220/11	218/15	216/20	214/30
+60	218/30	226/24	222/20	224/7	223.61	222/10	220/14	218/17	216/28	
+65	218/29	220/23	222/18	224/10	223.02	222/10	220/16	218/17	216/18	214/20	218/22	216/30
+70	216/30	218/24	220/18	222/13	223/10	222.54	222/4	220/16	218/17	216/18	216/20	214/28
+75	214/26	216/19	218/14	220/10	221.29	220/3	218/9	216/17	214/30	
+80	212/30	214/20	216/12	217.43	216/6	214/17	212/31	
+85	210/37	212/26	214/16	214.65	214/3	212/16	210/46	
+90	208/35	212/23	212/13	212.44	212/2	210/19	208/29	
+95	206/30	208/21	210/8	209.25	210/16	210/54	212/74	
4+00	204/27	206/19	208/10	208.63	210/10	210/56	
+05	202/32	204/24	206/16	207.69	208/2	209/12	209/30	210/66
+10	204/31	202/24	204/11	206/3	206.75	208/10	level
+15	204/29	202/18	204/8	205.53	206/1	208/11	level
+20	level	204/16	202/14	203.51	204/2	206/8	208/29

	Left				C	Right		
+25	level	206/26	204/5	202.81		204/9	206/19	208/34
+30	208/50	206/12	204/2	202.96		202/10	204/12	206/30
+35	208/60	206/20	205.10			204/4	202/14	204/24	206/32
+40	208/55	206/30	205.1			204/9	202/13	202/19	204/29
+45	208/50	206/22	205.29			204/12	202/17	204/29
+50	208/44	206/20	205.18			204/15	202/21	204/34
+55	208/40	206/20	205.07			204/20	202/25	202/35
+60	208/35	206/17	204.95			204/26	202/30	202/40
+65	208/30	206/12	205.25			204/30	202/35	202/45
+70	210/33	208/24	206/10	205.69		204/34	202/40	206/50
+75	210/26	208/17	206.04			206/1	204/40	202/44	202/54
+80	212/35	210/23	208/12	206.28		206/3	204/20	204/40
+85	212/30	210/17	208/7	206.65		206/5	204/30	204/40
+90	212/22	210/12	208/2	207.54		206/6	204/35	204/45
+95	214/28	212/18	210/6	208.69		208/3	206/10	204/40
5+00	214/24	212/13	210/2	209.47		208/6	206/16	204/45
+05	216/34	214/22	212/8	210.41		210/2	208/9	206/19	204/49

7/28/14 { Davis Lambert 24

24

	Left					C				Right			
5+10	216 / 31	214 / 15	212 / 3	211.13	210 / 5	208 / 13	206 / 26						
+15	218 / 34	216 / 24	214 / 11	212 / 1	211.74	210 / 9	208 / 21	206 / 28					
+20	218 / 30	216 / 20	214 / 9	212.38	212 / 2	210 / 14	208 / 23	206 / 30					
+25	220 / 32	218 / 23	216 / 15	214 / 5	213.18	212 / 5	210 / 16	208 / 25	206 / 31				
+30	220 / 30	218 / 20	216 / 10	214.04	212 / 8	210 / 18	208 / 27	206 / 34					
+35	222 / 32	220 / 22	218 / 14	216 / 4	215.01	214 / 5	212 / 11	210 / 19	208 / 29				
+40	222 / 29	220 / 19	218 / 11	216 / 1	215.78	214 / 7	212 / 13	210 / 17	208 / 26				
+45	224 / 28	222 / 20	220 / 12	218 / 4	216.98	216 / 3	214 / 9	212 / 22	210 / 29				
+50	224 / 26	222 / 18	220 / 10	217.99	216 / 7	214 / 15	212 / 27						
+55	226 / 26	224 / 20	222 / 14	220 / 6	218.55	218 / 3	216 / 11	214 / 18	212 / 28				
+60	228 / 29	226 / 23	224 / 16	222 / 9	220 / 2	219.29	218 / 6	216 / 13	214 / 20	212 / 29			
+65	228 / 25	226 / 19	224 / 12	222 / 6	220.20	220 / 1	218 / 8	216 / 20	214 / 27				
+70	230 / 21	228 / 16	226 / 11	224 / 6	222 / 2	221.10	220 / 4	218 / 11	216 / 23	214 / 30			
+75	232 / 25	230 / 19	228 / 13	226 / 8	224 / 3	222.52	222 / 2	220 / 8	218 / 14	216 / 25			
+80	234 / 27	232 / 22	230 / 17	228 / 11	226 / 7	224 / 1	223.86	222 / 4	220 / 10	218 / 17	216 / 27		
+85	234 / 24	232 / 20	230 / 15	228 / 9	226 / 3	224.32	224 / 1	222 / 6	220 / 13	218 / 24	216 / 32		
+90	236 / 26	234 / 21	232 / 16	230 / 11	228 / 7	226 / 2	225.19	224 / 3	222 / 7	220 / 13	218 / 23	216 / 32	

	Left						C				Right			
5+95	236 / 26	234 / 21	232 / 16	230 / 11	228 / 7	226 / 1	225.46	224 / 3	222 / 8	220 / 14	218 / 24	216 / 32		
6+00	236 / 25	234 / 20	232 / 15	230 / 11	228 / 6	226 / 1	225.85	224 / 4	222 / 9	220 / 16	218 / 25			
+05	236 / 23	234 / 18	232 / 14	230 / 9	228 / 6	226 / 1	225.79	224 / 5	222 / 9	220 / 17	218 / 26			
+10	236 / 23	234 / 18	232 / 14	230 / 10	228 / 6	226 / 1	225.81	224 / 5	222 / 11	220 / 20	218 / 27			
+15	236 / 23	234 / 19	232 / 15	230 / 10	228 / 6	226 / 2	225.08	224 / 3	222 / 9	220 / 16	218 / 26			
+20	236 / 26	234 / 21	232 / 17	230 / 12	228 / 8	226 / 2	224.74	224 / 2	222 / 8	220 / 15	218 / 23	216 / 28		
+25	236 / 27	234 / 23	232 / 19	230 / 14	228 / 10	226 / 4	224.09	224 / 1	222 / 8	220 / 13	218 / 22	216 / 28		
+30	234 / 24	232 / 20	230 / 16	228 / 11	226 / 6	224 / 05	223.80	222 / 4	220 / 11	218 / 15	216 / 26	218 / 32		
+35	234 / 26	232 / 22	230 / 18	228 / 13	226 / 8	224 / 3	222.80	222 / 2	220 / 7	218 / 14	216 / 22	218 / 29		
+40	234 / 27	232 / 23	230 / 19	228 / 14	226 / 9	224 / 3	221.96	220 / 5	218 / 12	216 / 16	218 / 23	220 / 31		
+45	232 / 25	230 / 21	228 / 16	226 / 12	224 / 6	222 / 2	221.05	220 / 2	218 / 7	217 / 10	218 / 14	220 / 19	222 / 26	
+50	232 / 27	230 / 23	228 / 19	226 / 14	224 / 8	222 / 3	220.58	220 / 1	218 / 5	220 / 12	222 / 18	224 / 26		
+55	232 / 28	230 / 24	228 / 19	226 / 14	224 / 9	222 / 5	220 / 2	219.22	218 / 4	220 / 10	222 / 17	224 / 24	226 / 31	
+60	230 / 27	228 / 22	226 / 18	224 / 13	222 / 8	220 / 1	219.89	220 / 3	222 / 8	224 / 18	226 / 23	228 / 28		
+65	230 / 30	228 / 25	226 / 21	224 / 16	222 / 11	220 / 6	220.93	222 / 2	224 / 9	226 / 16	228 / 23	230 / 30		
+70	228 / 26	226 / 22	224 / 18	222 / 15	220 / 12	222 / 2	222.79	224 / 3	226 / 9	228 / 16	230 / 23	232 / 30		
+75	226 / 23	224 / 19	222 / 16	221 / 13	222 / 9	224 / 2	224.88	226 / 4	228 / 9	230 / 15	232 / 23	234 / 30		

	Left						C	Right					
+80	228	226	224	222	220	218	216.40	228	230	232	234	236	
	24	22	18	12	7	1		4	11	18	24	30	
+85	228	226	224	222	220	218	217.90	230	232	234	236		
	28	24	19	15	9	5		6	10	18	26		
+90	228	226	224	222	220	218	218	219.65	230	232	234	236	238
	28	24	20	14	10	7	3		1	6	17	22	27
+95	220	222	224	223	224	226	228	230	221.10	232	234	236	238
	27	22	19	15	12	9	6	2		2	13	20	26
+100	228	226	224	222	220	218	230	223.07	234	236	238	240	242
	26	22	14	9	6		4		5	12	19	24	29
+105	221	224	226	228	230	232		232.87	234	236	238	240	242
	25	19	14	11	7	2			2	6	17	20	25
+110	228	226	228	230	232	234	234.42	236	238	240	242	244	246
	24	16	14	10	5	1		3	7	14	19	23	29
+115	228	226	228	230	232	234	235.41	236	238	240	242	244	246
	32	22	18	13	7	3		1	5	10	17	19	24
+120	226	228	230	232	234	236	236.39	238	240	242	244	246	248
	30	23	18	12	6	1		3	7	14	18	22	26
+125	228	230	232	234	236		238.34	240	242	244	246	248	250
	27	22	15	10	4			4	9	13	17	21	25
+130	230	232	234	236	238		239.73	240	242	244	246	248	250	252
	31	25	18	11	4			1	5	9	12	17	21	25
+135	232	234	236	238	240		241.43	242	244	246	248	250	252
	29	22	17	11	5			2	6	10	16	20	26
+140	236	238	240	242	244		244.14	246	248	250	252	254	256
	29	23	15	8	1			5	10	14	19	23	27
+145	238	242	244	246	248		246.54	248	250	252	254	256	258
	27	20	13	7	2			4	11	18	21	25	29
+150	238	240	242	244	246	248	249.03	250	252	254	256	258	260
	30	24	17	11	4	2		3	10	17	21	25	29
+155	242	244	246	248	250		251.16	252	254	256	258	260	
	28	21	15	9	4			2	9	18	21	27	
+160	244	246	248	250	252		253.31	254	256	258	260		
	27	21	16	11	4			3	10	19	26		

	Left						C	Right					
+65	246	248	250	252	254		254.93	256	258	260	262		
	26	21	16	10	3			2	11	20	26		
+70	248	250	252	254	256		257.00	258	260	262	264	266	
	28	22	17	11	4			3	12	17	23	28	
+75	248	250	252	254	256	258	259.16	260	262	264	266	268	
	30	21	20	15	9	2		2	10	19	25	30	
+80	250	252	254	256	258	260	261.05	262	264	266	268	270	
	28	22	19	14	8	3		1	7	14	24	30	
+85	252	254	256	258	260	262	262.22	264	266	268	270	272	
	27	23	18	12	6	1		2	10	15	22	29	
+90	254	256	258	260	262	264	265.16	266	268	270	272	274	
	30	24	19	12	7	3		1	8	17	23	29	
+95	252	258	260	262	264	266	267.35	268	270	272	274	276	278
	30	23	19	13	8	3		1	10	16	20	24	29
+100	256	258	260	262	264	266	268	269.84	270	272	274	276	278
	28	22	19	14	10	7	3		1	8	17	21	25
+105	258	260	262	264	266	268	270	272	272.11	274	276	278	280
	29	25	20	16	11	8	4	1		4	16	21	26
+110	260	262	264	266	268	270	272		274.40	276	278	280	282	284
	28	25	20	16	10	6	3			5	15	18	23	27
+115	262	264	266	268	270	272	274		275.54	276	278	280	282	284	286
	27	24	20	15	10	4	3			1	5	10	20	24	32
+120	264	266	268	270	272	274	276		277.29	278	280	282	284	286	288
	24	22	18	12	7	3				1	6	11	17	23	30
+125	268	270	272	274	276	278			279.46	280	282	284	286	288
	27	24	20	14	8	3				1	6	12	18	30
+130	272	274	274	276	278	280			282.10	284	286	288	290
	24	23	18	14	9	4				5	15	28	36
+135	272	274	274	276	278	280	282	284	284.11	286	288	290	
	28	25	21	17	13	8	4	35		12	24	46	
+140	270	272	274	276	278	280	282	284	284.88	286	288	290	
	28	25	21	17	13	10	4	2		7	17	37	
+145	272	274	276	278	280	282	284		285.66	286	288	290	
	26	23	20	16	12	8	4			1	14	29	

Dawn
Lamlet

	Left								C	Right		
+50	272/29	274/25	276/21	278/18	280/15	282/11	284/6	286/2	288.57	288/9	290/30	
+55	274/29	276/25	278/21	280/17	282/14	284/10	286/5		289.23	288/5	290/26	
+60	276/28	278/23	280/20	282/17	284/14	286/9			289.97	290/24	291/34	Avel
+65	278/30	280/26	282/22	284/18	286/13	288/2			290.17	290/12	292/38	
+70		280/28	282/24	284/20	286/16	288/8			290.58	290/12	291/27	
+75									290.91			
+80									291.26			
+85									291.53			
+90									291.74			
+95									291.96			
9100									292.20			

Levels Over Corrected Line Across Switzer's Cañon.

8/24/14 Davis Conly Lewis

Sta	+	I.H	−	Ele.
	0.02	271.34		271.32
1+00			3.20	268.14
+20			8.4	262.9
T.P.	0.68	260.29	11.73	259.61
1+40			8.3	252.0
T.P.	0.61	249.99	10.91	249.38
1+60			6.90	243.1
+80			2.70	247.3
+90			3.50	246.5
+95			3.50	246.5
2+00 = P.C. No 1.			4.10	245.9
+05			5.0	245.0
+10			6.1	243.9
T.P.	0.16	238.21	11.94	238.05
2+90			11.6	226.6
+95			11.7	226.5
3+00			11.4	226.8

Cross-Sections of Same line

8/25/14 Davis Conly Lewis

− To be added. } from Cr.
+ " " subtracted

27

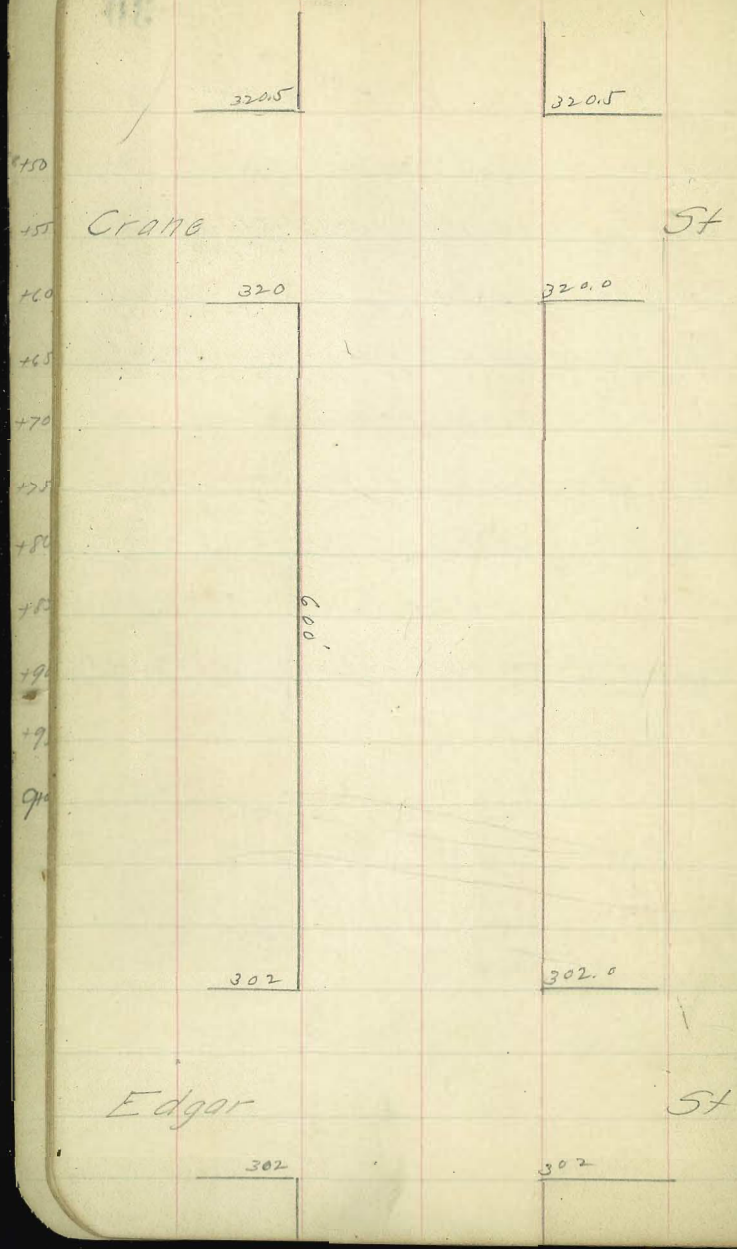
	Left					C	Right					
1	−10.1/25	−8.5/20	−6.8/15	−3.9/10	−0.8/3		+1.0/5	+2.0/7	+4.1/9	+5.7/11	+6.8/15	+8.2/20	+8.8/25
+20	−11.0/25	−8.7/20	−6.5/15	−4.2/10	−1.8/5		+0.5/5	+2.5/11	+3.0/15	+3.6/20	+4.4/25		
+40	−5.8/25	−3.8/20	−2.8/15	−1.8/10	−1.0/5		+1.6/5	+2.5/10	+2.6/15	+3.0/20	+3.4/25		
+60	−4.5/25	−3.9/20	−3.6/15	−2.4/10	−1.0/5		+1.7/5	+2.4/10	+6.2/15	+8.7/20	+11.3/25		
+80	−9.8/25	−7.9/20	−6.1/15	−4.3/10	−2.3/5	−0.6/2	+0.4/7	+2.5/9	+5.7/15	+8.3/20	+10.7/25		
+90	−9.2/25	−7.5/20	−5.7/15	−3.7/10	−0.5/4		+1.3/5	+2.9/7	+4.4/10	+6.4/15	+9.3/20	+11.3/25	
+95	−9.5/25	−7.4/20	−5.8/15	−3.9/10	−1.4/5		+0.2/5	+2.7/7	+3.1/10	+6.3/15	+8.3/20	+10.4/25	
2+00	−9.4/25	−7.7/20	−5.9/15	−3.5/10	−1.5/5		−0.2/4	+3.0/6	+4.6/10	+6.6/15	+8.8/20	+10.6/25	
+05	−9.1/25	−7.6/20	−5.6/15	−2.2/9	−1.2/5		+0.2/3	+3.7/7	+6.7/15	+9.0/20	+10.5/25		
+10	−9.2/25	−7.2/20	−5.3/15	−3.1/10	−1.1/5		+2.5/5	+5.1/10	+7.0/15	+8.7/20	+10.4/25		
		−6.4/25	−5.0/20	−3.4/14	−4.9/10	−2.6/5	+1.3/5	+2.7/10	+3.8/15	+5.2/20	+6.5/25		
	−7.2/25	−5.5/20	−4.4/15	−5.7/13	−4.9/10	−2.3/8	−1.8/5	+1.6/5	+2.9/10	+4.6/15	+5.9/20	+6.8/25	
	−8.3/25	−6.6/20	−5.5/15	−7.3/13.5	−5.1/10	−2.4/5	+3.7/5	+5.6/10	+7.2/15	+8.5/20	+9.4/25		

	Sta	+	I.H (238.22)	−	Elev	Left	C	Right
8+50	3+02.33 = P.C. No 2			10.8	227.4			
+5	+05			10.9	227.3	-9.6/25 -8.6/20 -7.1/15 -6.0/10 -3.1/5		+3.9/5 +7.2/10 +8.6/11.5 +8.9/15 +8.9/20 +9.1/25
+6	+10			11.9	226.3	-10.1/25 -8.2/20 -6.8/15 -4.8/10 -2.9/5		+3.9/5 +6.4/10 +9.9/12.5 +9.6/17.5 +9.2/25
+6	T.P.	1.08	228.43	10.86	227.35			
+7	+15			4.3	224.1	-7.8/25 -6.5/20 -5.5/15 -4.9/10 -2.0/5		+4.0/5 +7.3/10 +9.1/15 +8.4/20 +8.3/25
+7	T.P.	0.43	216.89	11.97	216.46			
+8	3+90			5.50	211.4	-0.7/25 -0.2/20 -0.4/15 -0.1/10 +1.0/5		+0.6/5 +0.9/10 +0.8/15 +0.4/20 -0.4/25
+8	+95			6.6	210.3	-0.1/25 +0.1/20 -0.1/15 -0.2/10 +0.6/5		-0.2/5 -0.4/10 -0.3/15 -1.1/20 -1.5/25
+9	4+00			7.5	209.4	+0.2/25 +0.1/20 +0.1/15 -0.1/10 +0.2/5		-0.8/5 -1.1/10 -1.2/15 -1.5/20 -2.6/25
+9	4+04.67 = P.C. No 3			8.6	208.3			
9	+05			8.6	208.3	+0.8/25 +0.8/20 +0.7/15 -0.1/10 +0.4/5		-0.3/5 -1.1/10 -1.4/15 -2.0/20 -2.9/30
	+10			9.3	207.6	+1.2/25 +1.1/20 +0.9/15 -0.2/10 +0.6/5		-0.4/5 -1.5/10 -2.4/15 -3.0/20 -4.8/25
	+15			9.9	207.0	+1.4/25 +1.4/20 +1.1/15 0.0/10 +0.7/5		-1.0/5 -1.8/8 -4.2/15 -4.3/20 -6.1/25
	+95			9.9	207.0	-2.8/25 -2.1/20 -1.8/15 -1.7/10 -1.1/5		+1.5/5 +2.7/10 +3.5/15 +3.9/20 +4.9/25
	5+0.0			8.6	208.3	-3.5/25 -3.1/20 -2.8/15 -2.2/10 -1.7/5		+1.2/5 +2.2/10 +3.1/15 +3.8/20 +4.5/25
	+0.5			7.8	209.1	-4.3/25 -3.7/20 -2.7/15 -2.4/10 -1.4/5		+1.3/5 +2.4/10 +3.2/15 +4.0/20 +4.4/25
	+07 = P.C. No 4		1 in. hole	9.0 / 7.5	207.9 / 209.4			

	Sta	+	I.H. (216.89)	−	Elev	Left					C	Right				
+50	5+10			6.8	210.1	−4.9/25	−4.0/20	−2.7/15	−2.6/10	−1.4/5		+1.1/5	+2.4/10	+3.1/15	+3.7/20	+4.3/25
+55	+15			6.2	210.7	−4.4/25	−3.2/20	−1.8/14	−3.6/13	−3.3/8	−1.5/8	−0.9/5	+1.1/5	+2.2/10	+3.1/15	+3.7/20	+4.6/25
+60	+20			5.4	211.5	−4.1/25	−3.0/20	−0.7/14	−3.3/11	−3.4/10	−1.5/7.5	−0.9/5	+0.9/5	+1.9/10	+2.8/15	+3.9/20	+4.7/25
+65	T.P.	9.56	225.31	1.14	215.75											
+70	5+95			1.7	223.6	−7.0/25	−5.8/20	−5.0/15	−3.1/10	−2.0/5		+2.6/5	+4.5/10	+6.9/15	+9.0/20	+11.4/25
+75	6+00			1.3	224.0	−7.1/25	−5.8/20	−4.9/15	−3.8/10	−2.3/5		+2.2/5	+4.1/10	+6.7/15	+9.2/20	+11.3/25
+80	+05			0.7	224.6	−7.5/25	−5.9/20	−5.1/15	−4.2/10	−2.4/5		+1.7/5	+4.0/10	+6.4/15	+8.7/20	+10.8/25
+85	+09.33	P.C. No 5		1.0	224.3											
+90	+10			1.0	224.3	−7.5/25	−5.7/20	−4.6/15	−3.5/10	−2.0/5		+2.2/5	+4.1/10	+6.7/15	+8.8/20	+11.2/25
+95	+15			1.3	224.0	−7.8/25	−5.4/20	−4.6/15	−3.2/10	−1.7/5		+2.8/5	+4.0/10	+6.2/15	+8.7/20	+11.0/25
900	+20			1.7	223.6	−8.1/25	−5.7/20	−4.8/15	−3.3/10	−1.9/5		+2.1/5	+4.3/10	+6.2/15	+8.5/20	+10.7/25
	T.P.	12.74	237.07	0.98	224.33											
	7+00			4.4	232.7	+8.5/25	+5.7/20	+3.7/15	+2.8/10	+2.2/5		−2.0/5	−5.3/10	−8.5/15	−8.9/20	−6.5/25
	+05			3.3	233.8	+8.6/25	+6.8/20	+4.4/15	+3.5/10	+2.2/5		−2.3/5	−4.3/10	−6.7/15	−9.3/20	−7.9/25
	+10			2.2	234.9	+9.1/25	+7.2/20	+4.6/15	+3.8/10	+2.1/5		−2.1/5	−4.4/10	−6.4/15	−7.9/20	−9.3/21	−9.4/25
	+11.67	P.C. No 6		1.8	235.3											
	+15			0.8	236.3	+10.1/25	+7.8/20	+4.7/15	+4.0/10	+2.4/5		−2.5/5	−4.7/10	−5.9/15	−7.5/20	−10.1/25

Sta	+	I.H	-	Elev
T.P.	12.34	248.57	0.84	236.23
7+20			11.4	237.2
+25			9.6	239.0
+31.67			7.7	240.9
T.P.	11.89	258.41	2.05	246.52
7+51.67			8.3	250.1
+71.67			0.7	257.7
T.P.	12.24	269.94	0.74	257.67
7+91.67			4.2	265.7

Left					C	Right				
+10.8/25	+8.3/20	+5.6/15	+4.0/10	+2.8/5		-2.6/5	-4.3/10	-5.9/15	-7.0/20	-8.6/25
+12.1/25	+8.4/20	+5.7/15	+4.1/10	+2.0/5		-2.9/5	-4.5/10	-6.1/15	-7.1/20	-8.6/25
+11.8/25	+9.7/20	+6.5/15	+4.8/10	+2.1/5		-2.1/5	-3.6/10	-4.6/15	-6.5/20	-7.4/25
+8.1/25	+6.9/20	+4.1/15	+2.9/10	+1.5/5		-1.7/5	-4.2/10	-6.2/15	-7.3/20	-9.1/25
+8.0/25	+6.5/20	+4.0/15	+2.9/10	+1.6/5		-1.5/5	-3.1/10	-4.8/15	-6.5/20	-9.0/25
+11.1/25	+7.7/20	+5.1/15	+3.2/10	+1.8/5		-2.4/5	-4.9/10	-6.8/15	-8.3/20	-10.7/25



Levels for Culvert on 30th St bet Crane & Edgar

8/31/04 { Rask, Davis, Comly, Lewis

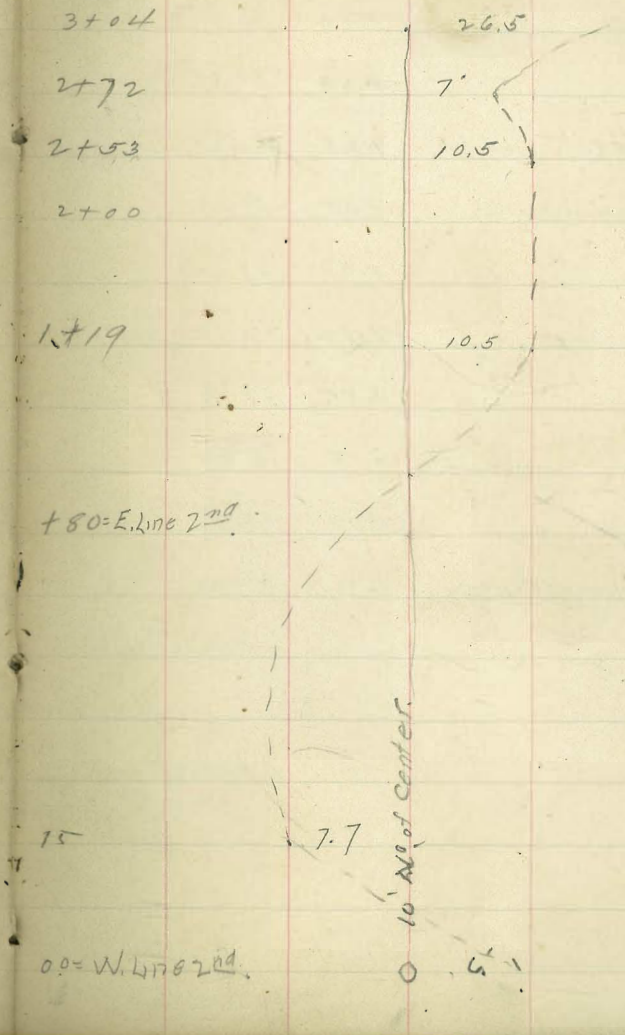
Sta	+	L.H	—	Ele
	862	286.19		277.57
So. end of Culvert			11.04	275.15
No. end of Culvert.			3.59	282.60
+35			2.27	284.92
+50			2.88	283.31
+75			5.20	280.99
+87			8.07	278.12
1+00			8.40	277.79
+05			7.20	278.99
+25			7.20	278.99
+50			6.30	279.89
+65			5.38	280.81
+80			3.28	282.91

Levels on sewer between 2nd & 3rd on Hawthorn

1/23/04 Rask, Davis, Rennie, Schmidt.

	+	ϕ	−	
	0.15	172.98		172.83
	7.51	168.63	11.86	161.12
0			9.44	159.19
3+04			7.36	161.27
Barn floor			6.69	161.94

Alignment of sewer bet 2 & 3 on Hawthorn.



Levels on Juniper bet State & Columbia

	+	¢	−	1/23/06 Rask Davis Rennie Schmidt	SW. Cor Columbia & Kalmia
	5.76	69.49			63.73
Top of Man Hole W. side Columbia			5.51	63.98	
0			4.65	64.84	
T.P.	5.83	66.04	9.28	60.21	
1+00 = bottom of sewer			6.95	59.09	
+42			8.53	57.51	
+59			9.53	56.51	
+80			8.55	57.49	
+91			6.15	59.89	
2+00			4.70	61.34	
+28 = bottom of sewer			1.0	65.04	

2+28 = E. end Trestle.

1+00 = W. end Trestle.

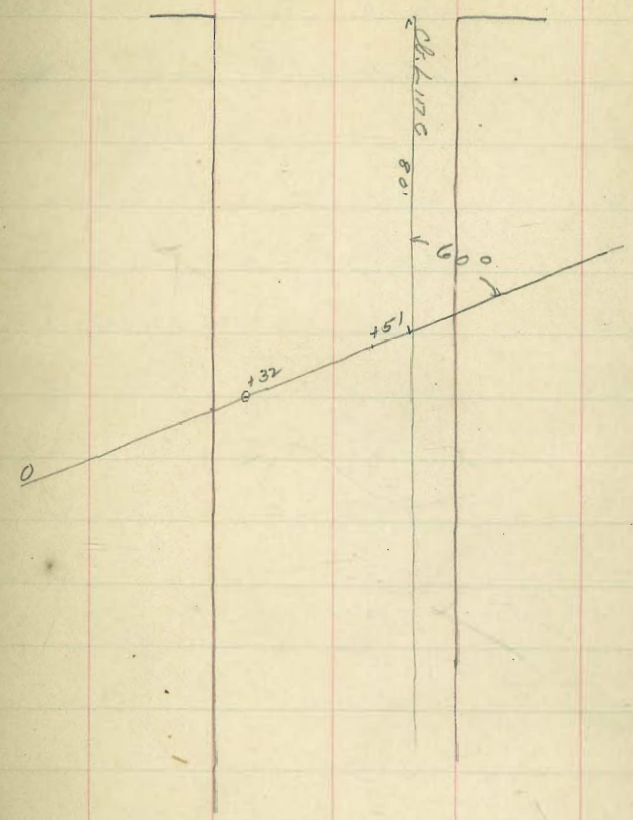
0 = Center of Columbia & Juniper

Location of Culvert on 2nd St between Grape & Hawthorn

1/23/05 { Rask, Davis, Rennie, Schmidt

	+	ϕ		
	0.79	173.62		172.83
+51			11.27	162.3
+32			10.77	162.8

Hawthorn St



Stakes for tresle between State & Columbia on Juniper

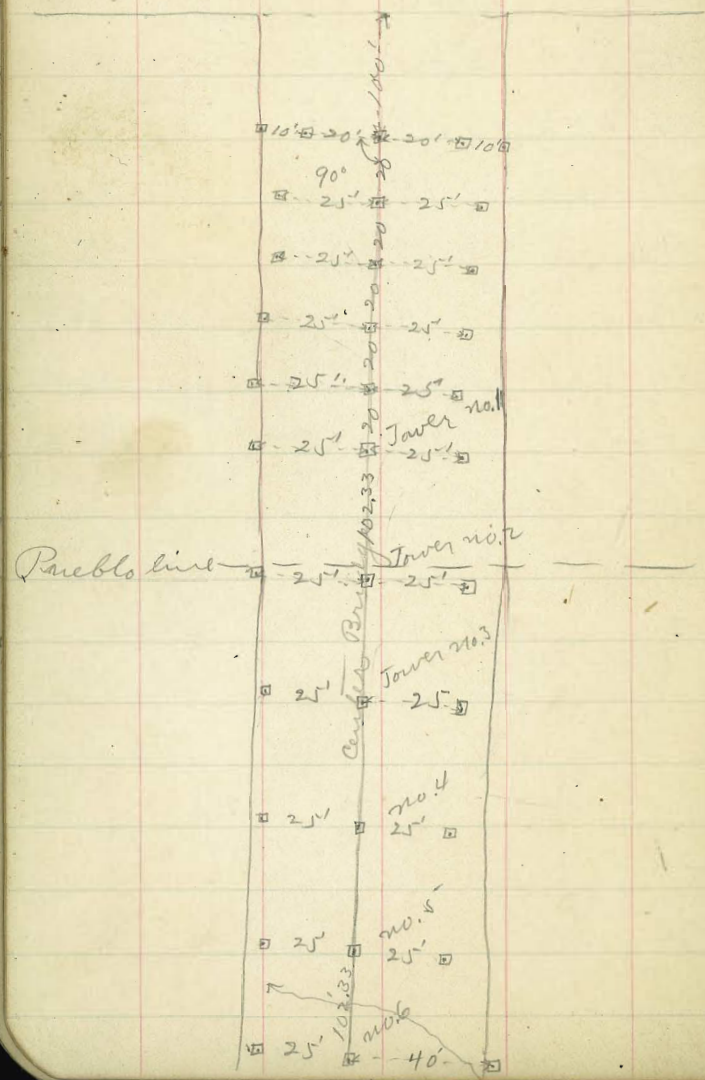
Childs
Lewis
Gunn

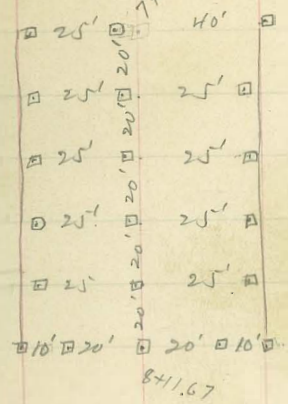
April 4 1905

Sta.	Grade	H.I	Rod	Elev.	~~cl~~	Fill
0	65.0	67.97	2.97	65.0		0
+18	64.15		5.88	62.09		2.06
+36	63.30		8.03	59.94		3.36
+54	62.46		10.66	57.31		5.15
+72	61.61		11.04	56.93		4.68
+90	60.76		10.05	57.92		2.84
1+08	59.92		10.07	57.90		2.02
1+26	59.07		8.90	59.07		0

30th Street Bridge tied out

Montana Street





241.735 - NE Cor

295.62
.26
ϕ 295.88
12.76
T.P. 283.12
.20
ϕ 283.32
12.0
T.P. 271.32
.17
ϕ 271.49
11.55
T.P. 259.94
.41
ϕ 260.35
12.61
T.P. 247.74
.72
ϕ 248.46
12.54
T.P. 235.92
.75
ϕ 236.67
12.60
T.P. 224.07
1.07
ϕ 225.14
12.30
T.P. 212.84
1.40
ϕ 214.24
.66
T.P. 213.58
11.77
ϕ 225.35
.62
T.P. 224.73
3.71
ϕ 228.44
.11
T.P. 228.33
12.65
ϕ 240.98

240.98
.85
T.P. 240.13
10.68
ϕ 250.81
.44
T.P. 250.37
11.97
ϕ 262.34
.89
261.45
11.57
ϕ 273.02
.51
T.P. 272.51
12.68
ϕ 285.19
11.5
T.P. 284.04
11.71
295.75
290.48
5.27
4.80
.47

295.75
4.81
290.95

257.99
251.55
2.48

295.35
290.48
4.87

172.83
.79
173.62

285.03

296.47 meter Box

147

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

AVERSE TABLE FOR TRANSIT BOOK.

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

From 1° to 90° for a distance of 100.

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	1.31	89
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	32.14	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	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	1.13	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.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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