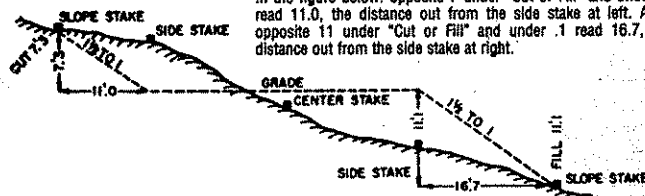


DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	Cut or Fill
	Distance out from Side or Shoulder Stake										
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

[illegible]

2/4/13	Bates #	1	
	N	E	H
8	374.434	920.399	58.275
7	337.047	955.925	57.663
	1 - 110	Elevations	
	111 - 183	Close Interval Mound Elev	

2/4/13 BATES 2 - MMT

6 N 1044.008 E 537.158 H 58.677

4 N 1024.399 E 527.673 H 60.196

3 N 1016.420 E 531.542 H 60.392

1 N 1012.908 E 501.770 H 59.045

4-13 edge of road

14-23 bottom of ditch

24-38 top of ditch

39-57 fence line

25.13 Smith Creek - MMT

6 N 1063.478 E 605.428 H 29.101

7 N 1106.874 E 617.573 H 28.622

8 N 1119.552 E 633.722 H 28.477

1 N 1061.460 E 581.664 H 28.433

2 N 1055.634 E 533.632 H 29.061

9 1147.355 609.434 27.449

13-62 5m grid survey

63-191 north of mound C

192-243 gully/moat edge

244-328 flat, east of mound B

329-358 tracing ^{north} gully edge

359-432 moat

Job: BPDE

2/6/13 Bayou Pierre Md D

	N	E	H
3	628.911	982.131	39.538
4	619.585	992.872	39.482
5	618.592	984.403	39.739
6	721.218	1024.539	37.147

433-541 MD elevation + surrounding area
W most pts = bluff edge

Bayou Pierre Md A [same job as above]

setup	9A	267.676	483.568	36.997
back	6A	243.976	497.671	41.083

542-678 N mound elev. & flat

679-796 N abyss

900-1033 N abyss cont.

FP	13	351.115	458.946	36.633
	11	316.969	471.119	36.960

2-7-13

Smith Creek Day 2

CN
HB

1034-1337 N ravine, Mound B

	N	E	H
FP 17	1150.619	551.814	32.416
16	1136.811	560.106	32.410
18	1151.818	563.501	32.251

1338-1339 - Bad Points

1340-1492 top of mound B and NW face of mound

28-13	Job: HEND-E			
	Henderson - MMT	CN, HB		
	N	E	H	
1	1072.618	518.306	57.517	
6	994.291	511.460	55.925	
7	1033.198	553.906	56.648	
1493-1663	railroad bed (from FP 6)			

Set new FP (7) from Station 2, backside
to FP 1

1664-1725 railroad bed cont. (from FP 7)

28-13	Job: Bates			
	Bates - MMT	CN, HB		
	N	E	H	
3-	387.042	957.492	60.715	
4	366.660	950.571	60.338	

1726-1769 ground prints around mound

2-13-13

FOSTRE

FP	N	E	H
4	183.880	607.259	57.780
2	235.148	610.659	57.068

1770-1839 field & fence

1840-1849 roadside

FP	N	E	H
11	167.298	617.020	53.606

1854 - 1968 Mound elevations

1969 - 1983 Fence line

1984 - 2021 ^{pond} Berm

2022-2034 inside pond perimeter

2035 = FP12

FP	N	E	H
12	81.848	608.141	51.782

2036-2138 mesa edge & gulley

2139-2159 pond Berm cont.

2-13-13

FOSTRE

pg. 2

FP	N	E	H
8	444.176	648.595	58.359
6	378.720	638.692	57.774

214-13

FOSTRE

CN
HB

FP

N

E

H

11

167.298

617.020

53.606

4

183.880

607.259

57.780

2160-2192 gap near pond

2193-2198 gap in field

2199-2238 gap in field

2239-2266 bluff edge

2267-

8

444.176

648.595

58.359

10

440.706

577.109

56.718

1

284.011

614.132

57.057

13

466.265

645.845

56.586

2-15-13

Mt Locust (MTLOCUSTE)

FP

N

E

H

3

1025.663

381.064

56.126

4

1033.296

368.308

56.873

5

1010.402

371.883

56.225

1

1011.610

434.475

55.658

2

1033.155

474.520

55.060

N

E

H

1

1011.610

434.475

55.651

2

1033.160

474.528

55.060

3

1025.667

381.060

56.126

4

1033.229

368.300

56.873

5

1010.397

371.868

56.209

2267-2269 (BAD)

~~Inside Fence~~ ~~Grave~~ ~~Mound~~

1

1011.610

434.475

55.650

2

1033.151

474.512

55.060

3

1025.679

381.081

56.123

5

1010.428

371.869

56.215

2270-2287

Inside Fence Grave Mound

2287-2428

Mound edge

2/18/13	EMERALD		CN/AV	
	N		E	H
12	388.316		1147.740	117.680
11	495.939		1191.299	118.768
7	378.318		1184.027	117.997
13	419.721		1143.555	121.105
-2453	path			
2454-2495	tree line & base of mound			
2496-2588	edge (south/sw)			
2589-2646	plaza (south)			
2647-2748	mound pts.			
6	375.071		1269.581	117.906
2749-2853		South	Base of Platform	

2.19.13	Smith Creek	CN HB	(SCE)
FP	N	E	H
14	1112.325	547.617	28.659
13	1111.508	567.885	28.200
2854-2983 Rest of Mound B			
19	1027.286	494.992	31.041
Z	1055.634 645	533.632 650	29.061
2984-3017 road			
3018-3135 Mound A East face			
3136-3143 road			
3144-3147 plaza behind house			
Mound A South Side			

2.20.13	Smith Creek	CN HB	(SCE)
FP	N	E	H
29	1005.371	438.822	40.357
26	1011.544	440.477	40.741
25	1018.260	458.649	40.126
3148- 3237 (end)	Mound A South side, cont.		
31	1059.999	389.296	18.713
28	016.596	435.267	40.586
3238-3268 Mound A West Side road			
=BAD! wrong height			
3269-3466 Mound A West Side north area			
3467-3481 flat by the barn			

2.22.13	Mt. Locust	CN AV	(MTLOCUSTE)
FP	N	E	H
5	1010.428	371.869	56.215
1	1011.610	434.475	55.650
10	1003.587	345.370	52.910
3482-3556	Elevations on & around Mound B		
3557-3582	Road		
3583-3657	Mound		
4	1033.325	368.310	56.871
11	1032.747	353.520	56.164
2/5/13			
3658-3704	Area C		
3705-3752	Road and more Area C		
12	1054.237	362.615	55.606
13	1089.452	334.977	55.521

2.27.13	Bouy Piche	CN	
	Mound D	AV	
FP	N	E	H
4	619.585	992.872	39.482
3 (BS)	628.911	982.131	39.53
* pt. 5 missing			
6	721.218	1024.539	37.147
PHID	3753 - 3832		
C Anne →		5 -	

5/13/13 Foster
3833 - 3836

Un. / N side of
Mound 443R613

Pumpkin Lake

	N	E	H
GPS-1	228.785	409.315	69.182
GPS-2	191.237	409.013	68.272
CP1-3	208.547	425.328	68.630
CP2-4	275.956	429.495	69.074
CP3-5	275.769	398.946	72.624
★ 6	274.490	401.932	72.520
★ 7	256.994	400.150	71.588

↓
Copper pipes

For UTM (15N), add

N 3513000

E 664000

5/20/13

Pumpkin Lake

3837 - 3840 Top elevations for
274 R 384

5/24/13

Henderson

Core #

3841	1
3842	2
3843	3
3844	4
3845	5
3846	6
3847	7
3848	8
3849	9
3850	10
3851	11

Pumpkin Lake

3852 - 3853 Top elevations for
274 R 386