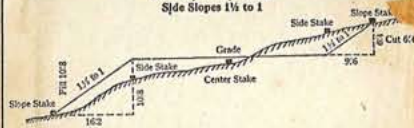


DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
Roadway of any Width
Side Slopes 1 1/2 to 1

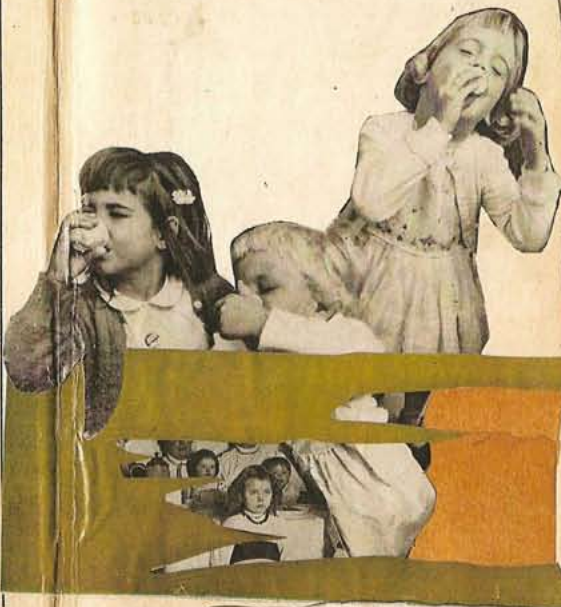


In the figure above: Opposite 6 under "Cut or Fill" and under 4 read 90.2 the distance from the side stake to the slope stake at right. Opposite 10 under "Cut or Fill" and under .8 read 102.2, the distance from the side stake to the slope stake at the left.

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

EUGENE DITTMER CO.

"I
begin



teach yourself

be free from worry....

know you are courageous...

we create our own rhythms... ... we are the one always
state what is...you are all directions...

only this only this only this you have:

the reaction to the beautifully prepared
moment of truth

it all transcends...our life is light like the mist

the sun drinks in the morning

and with these: move forth as we all do in

formation a dance divine be free from worry

for this what we are made of:

the of and yes delighted to share a space and become