

TIP# SR-5001CJ
WBS# 40924.3.F86
Deyton Sidewalk - Mitchell County
Cross - Sections

Deyton Sidewalk Eathwork Summary	
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Section	CU. YDS.	
L Unclassified Excavation	285.96	
L Quantity for Base Under C &G	80.57	
L Embankment	260.50	
Difference	106.04	Waste

Y Unclassified Excavation	88.44	
Y Quantity for Base Under C &G	70.82	
Y Embankment	246.27	
Difference	87.01	Borrow

Overall	CU. YDS.	
Unclassified Excavation	525.80	
Embankment	506.77	
Difference	19.03	Waste

Deyton Sidewalk - Mitchell County
Average End Volume Worksheet

L Unclassified Excavation

Station	Dist.	Area	Avg. Area	Cu. Ft.	Cu. Yds.
10+00.00		7.25			
10+50.00	50.00	0.00	3.63	181.25	6.71
10+70.00	20.00	5.44			
11+00.00	50.00	7.00	3.50	175.00	6.48
11+50.00	50.00	1.82	4.41	220.50	8.17
12+00.00	50.00	3.41	2.62	130.75	4.84
12+50.00	50.00	1.02	2.22	110.75	4.10
13+00.00	50.00	1.09	1.06	52.75	1.95
13+50.00	50.00	1.20	1.15	57.25	2.12
14+00.00	50.00	26.71	13.96	697.75	25.84
14+50.00	50.00	31.42	29.07	1453.25	53.82
15+00.00	50.00	8.29	19.86	992.75	36.77
15+50.00	50.00	1.29	4.79	239.50	8.87
16+00.00	50.00	1.10	1.20	59.75	2.21
16+50.00	50.00	0.00	0.55	27.50	1.02
16+78.60	28.60	0.53	0.27	7.58	0.28
17+00.00	50.00	1.06	0.53	26.50	0.98
17+50.00	50.00	1.53	1.30	64.75	2.40
18+00.00	50.00	5.84	3.69	184.25	6.82
18+50.00	50.00	11.76	8.80	440.00	16.30
19+00.00	50.00	7.69	9.73	486.25	18.01
19+50.00	50.00	1.24	4.47	223.25	8.27
20+00.00	50.00	1.27	1.26	62.75	2.32
20+50.00	50.00	1.28	1.28	63.75	2.36
21+00.00	50.00	8.92	5.10	254.93	9.44
21+50.00	50.00	3.17	6.04	302.08	11.19
22+00.00	50.00	22.54	12.85	642.65	23.80
22+50.00	50.00	1.24	11.27	563.50	20.87
				Total Cu Yds=	285.96

Deyton Sidewalk - Mitchell County
Average End Volume Worksheet

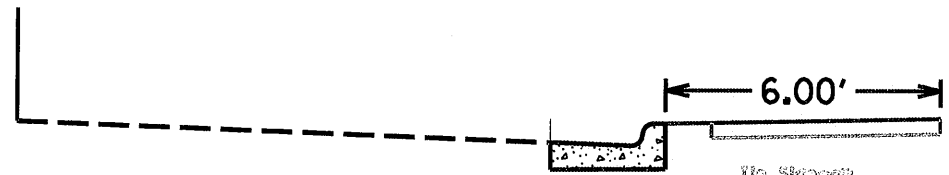
L Embankment

Station	Dist.	Area	Avg. Area	Cu. Ft.	Cu. Yds.
10+00.00		0.00			
10+50.00	50.00	0.00	0.00	0.00	0.00
11+00.00	50.00	0.00	0.00	0.00	0.00
11+50.00	50.00	0.00	0.59	29.50	1.09
12+00.00	50.00	1.18	2.36	117.75	4.36
12+50.00	50.00	3.53	3.97	198.50	7.35
13+00.00	50.00	4.41	4.50	225.00	8.33
13+50.00	50.00	4.59	3.93	196.25	7.27
14+00.00	50.00	3.26	2.28	113.75	4.21
14+50.00	50.00	1.29	1.56	77.75	2.88
15+00.00	50.00	1.82	2.51	125.50	4.65
15+50.00	50.00	3.20	6.23	311.50	11.54
16+00.00	50.00	9.26	13.84	692.00	25.63
16+50.00	50.00	18.42	9.21	460.50	17.06
16+78.60	28.60	0.00	19.27	551.05	20.41
17+00.00	50.00	38.53	31.16	1557.87	57.70
17+50.00	50.00	23.78	12.30	615.00	22.78
18+00.00	50.00	0.82	2.83	141.50	5.24
18+50.00	50.00	4.84	5.10	254.75	9.44
19+00.00	50.00	5.35	5.58	279.00	10.33
19+50.00	50.00	5.81	5.10	255.00	9.44
20+00.00	50.00	4.39	3.85	192.50	7.13
20+50.00	50.00	3.31	3.02	150.75	5.58
21+00.00	50.00	2.72	2.55	127.25	4.71
21+50.00	50.00	2.37	1.46	73.00	2.70
22+00.00	50.00	0.55	2.03	101.50	3.76
22+50.00	50.00	3.51	3.73	186.25	6.90
22+50.00		3.94			

Total Cu Yds= 260.50

10+00.00

L

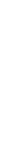


No Slope
to Edge Slope
@ Station 9+97.50

Exist

R/W

30' Lt



10+50.00

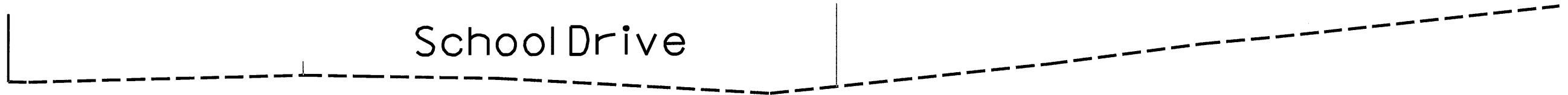
L

Exist

R/W

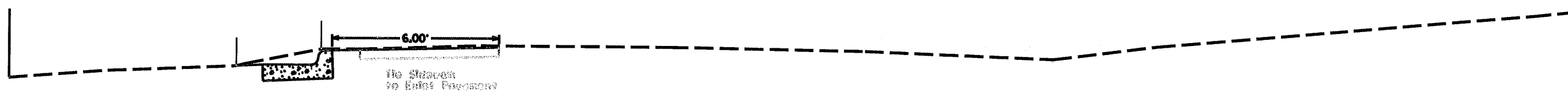
30' Lt

School Drive

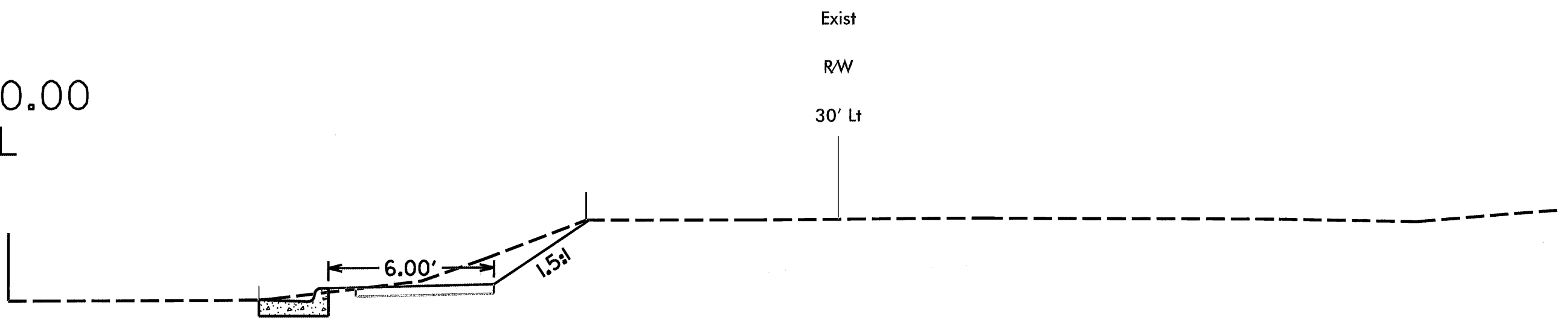


10+70.00

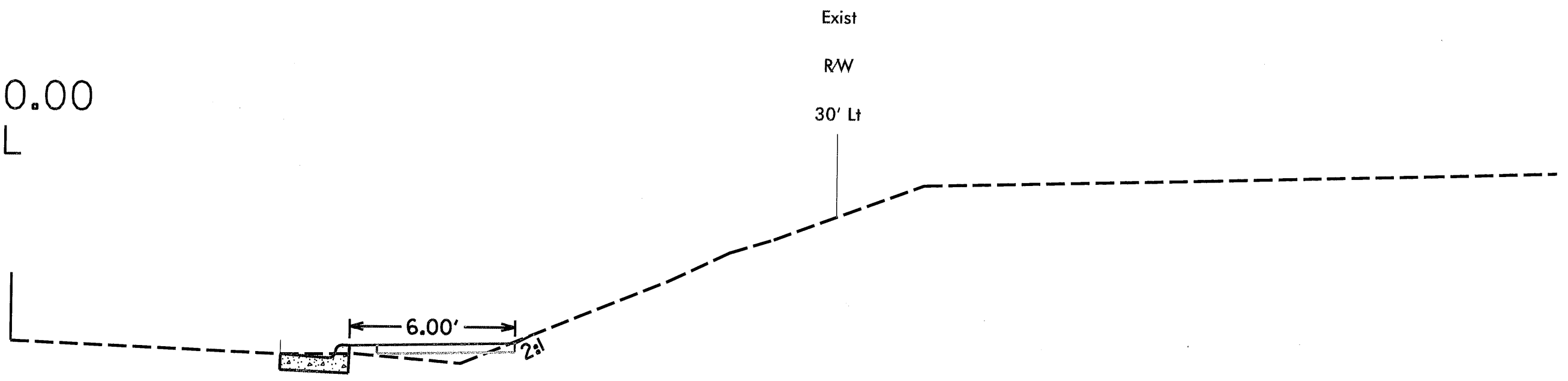
L



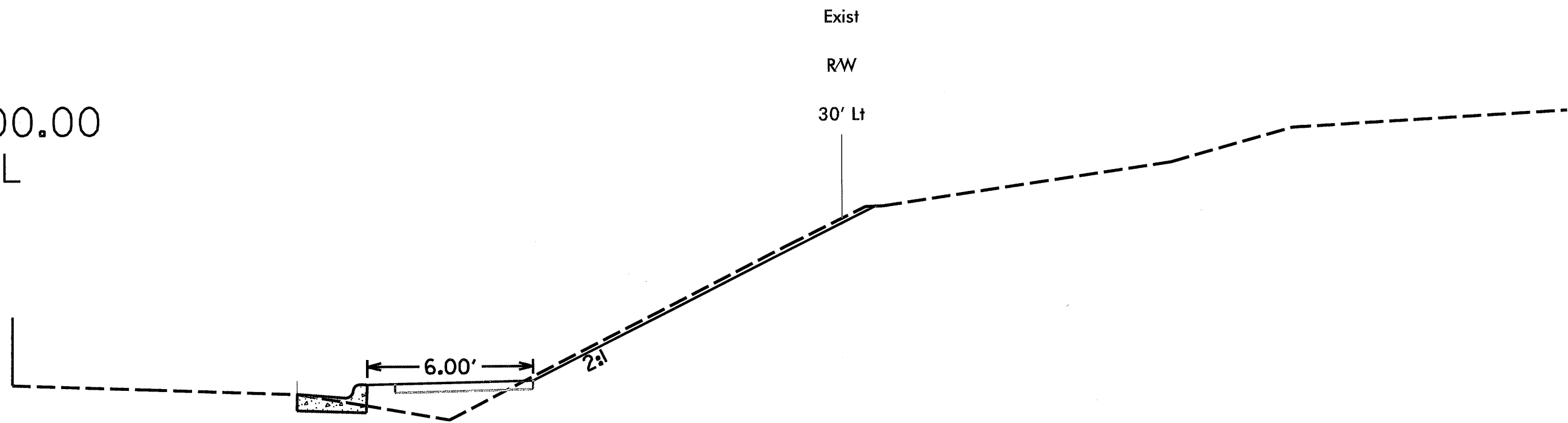
11+00.00
L



11+50.00
L



12+00.00
L



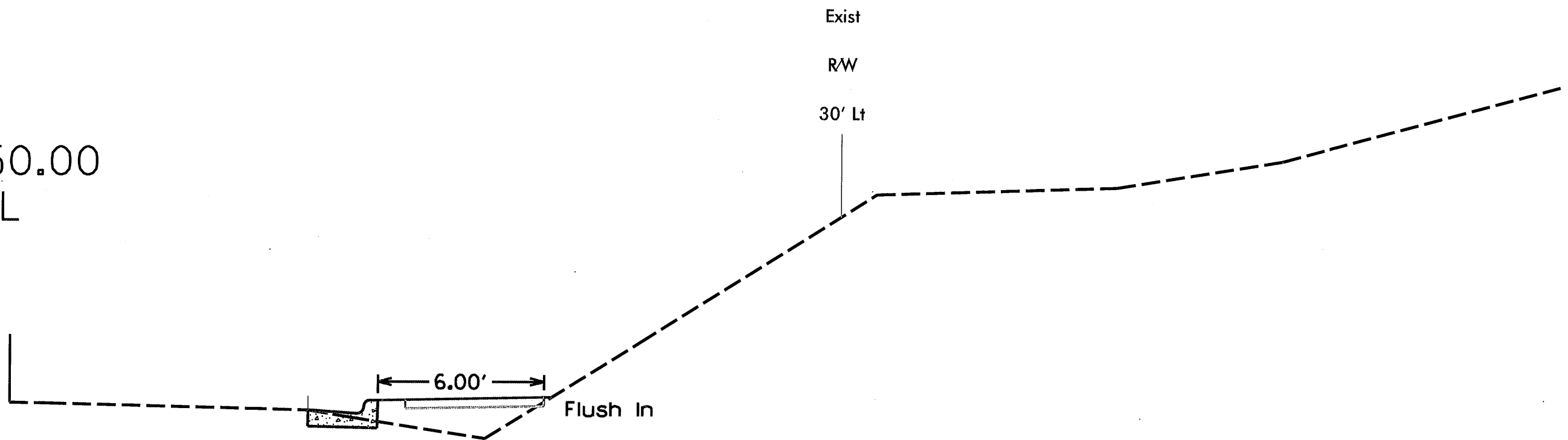
6.00'

2:1

Exist
RW
30' Lt

12+50.00

L



Exist

R/W

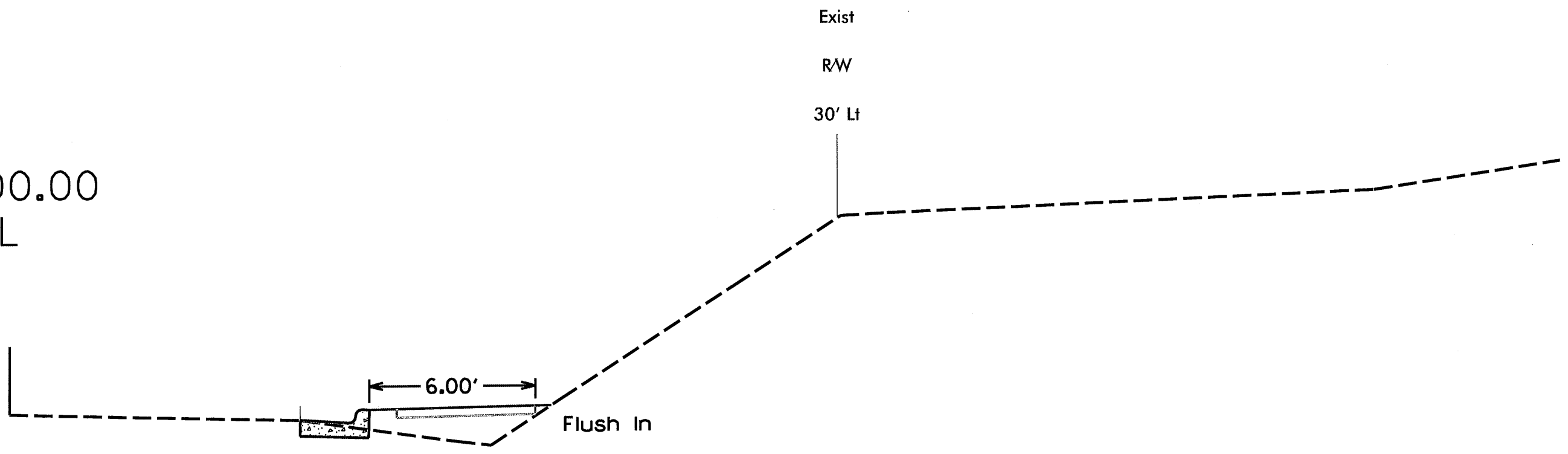
30' Lt

6.00'

Flush In

13+00.00

L

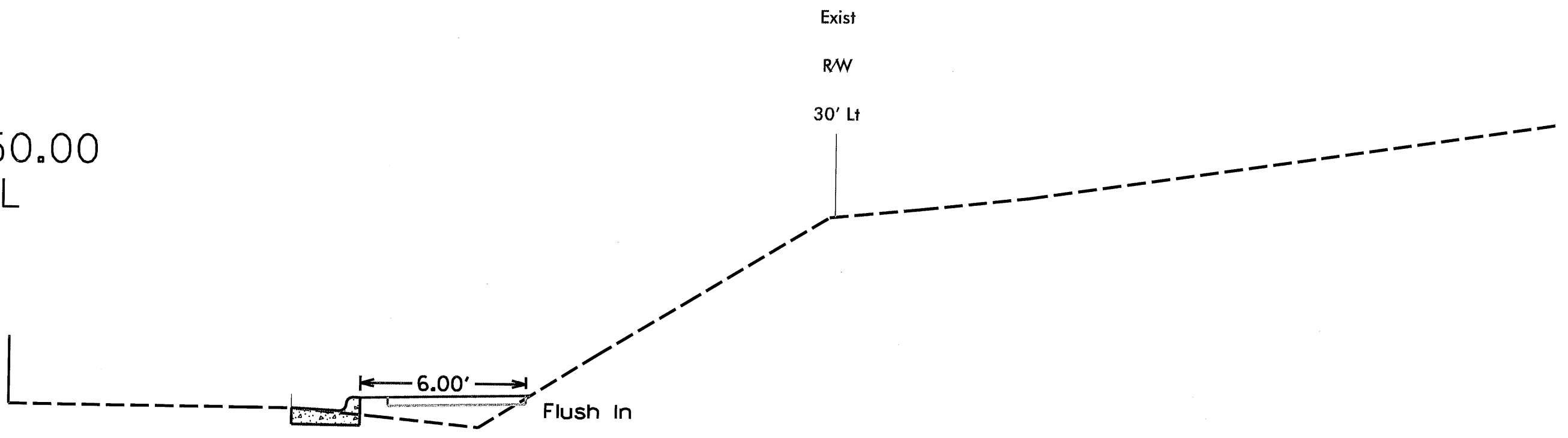


Exist
RW
30' Lt

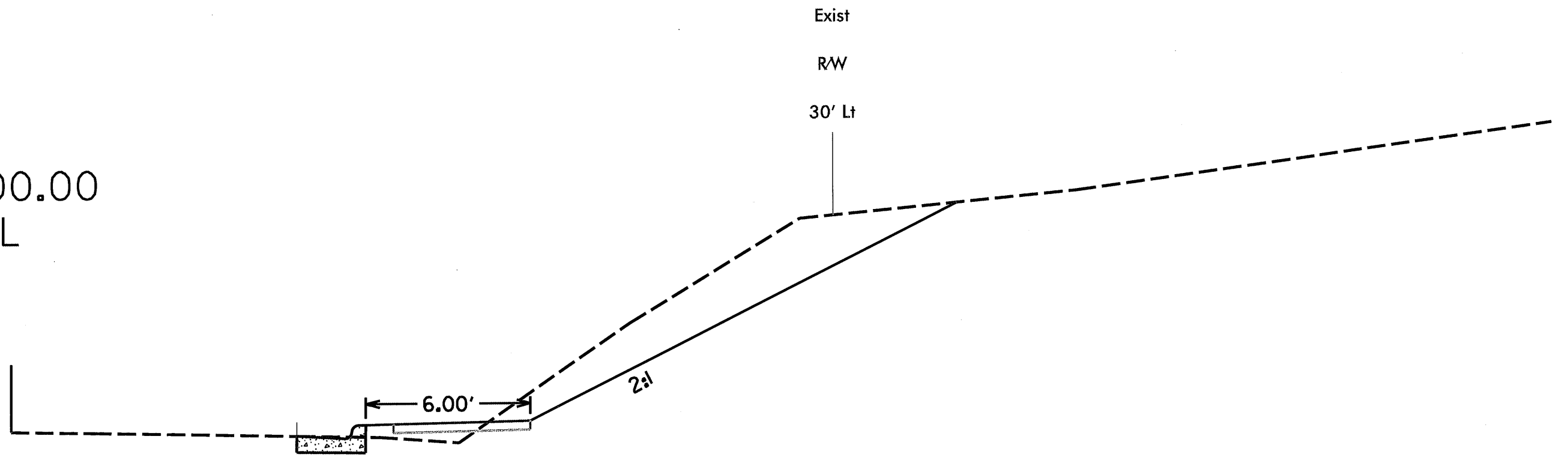
Flush In

6.00'

13+50.00
L



14+00.00
L



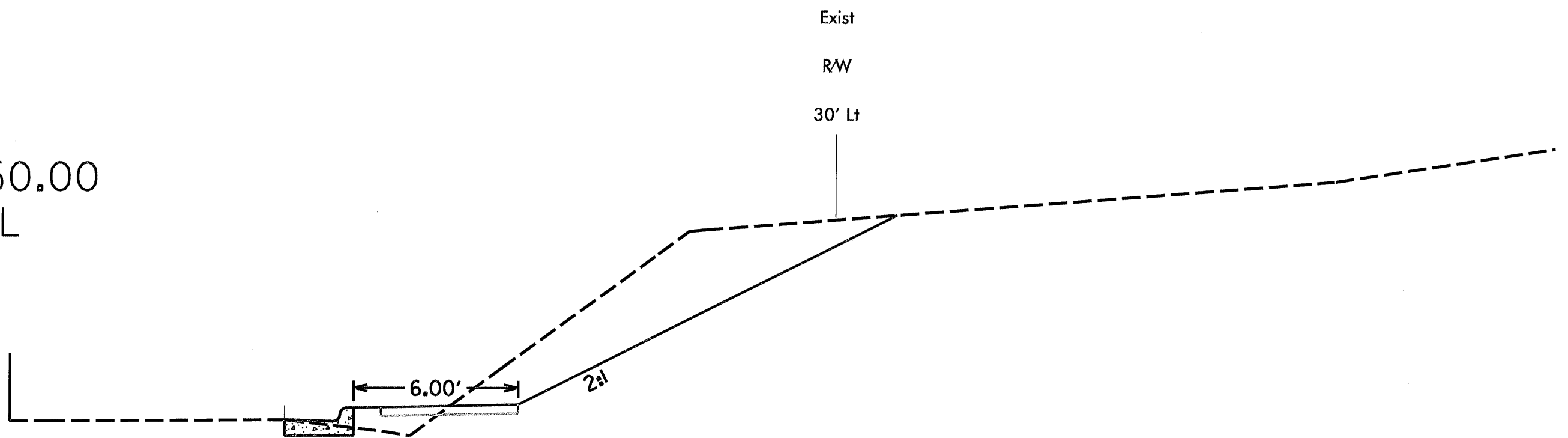
Exist
RW
30' Lt

2:1

6.00'

14+50.00

L



Exist

R/W

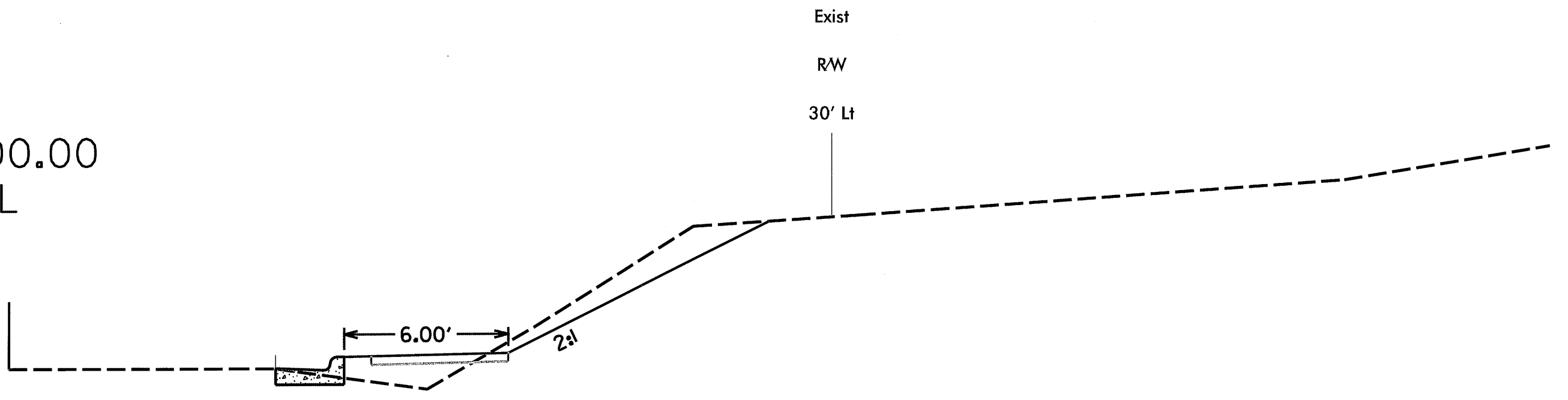
30' Lt

6.00'

2:1

15+00.00

L



Exist

R/W

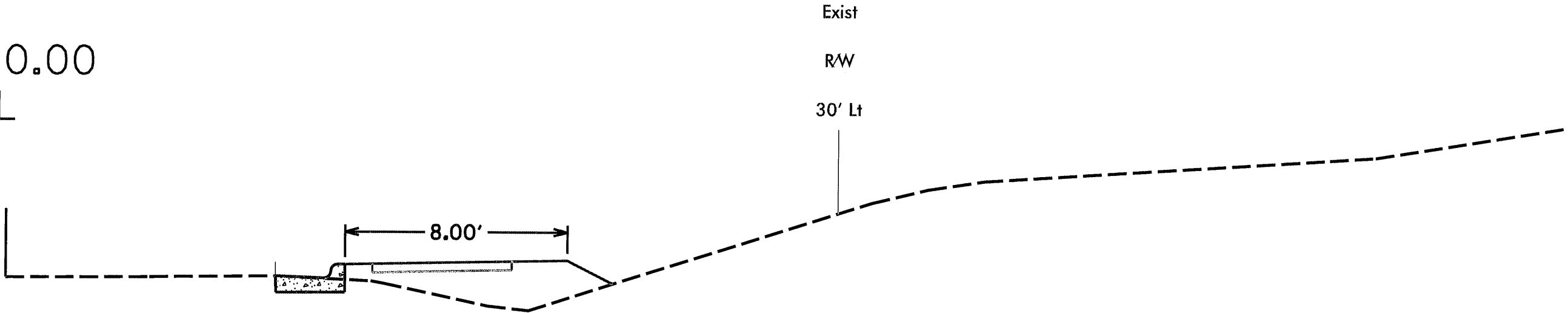
30' Lt

6.00'

2:1

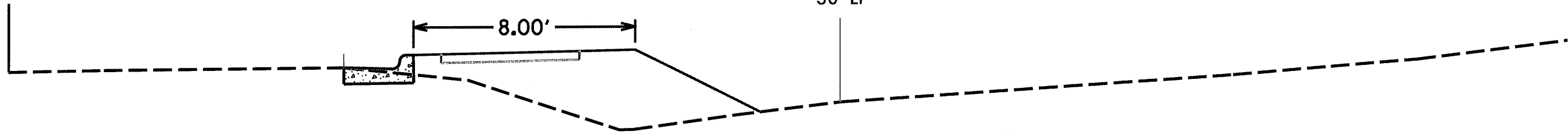
15+50.00

L



16+00.00

L



Exist

R/W

30' Lt

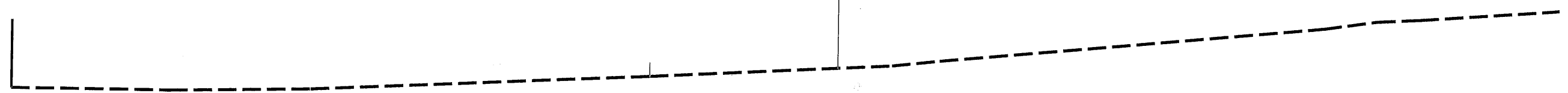
8.00'

16+50.00
L

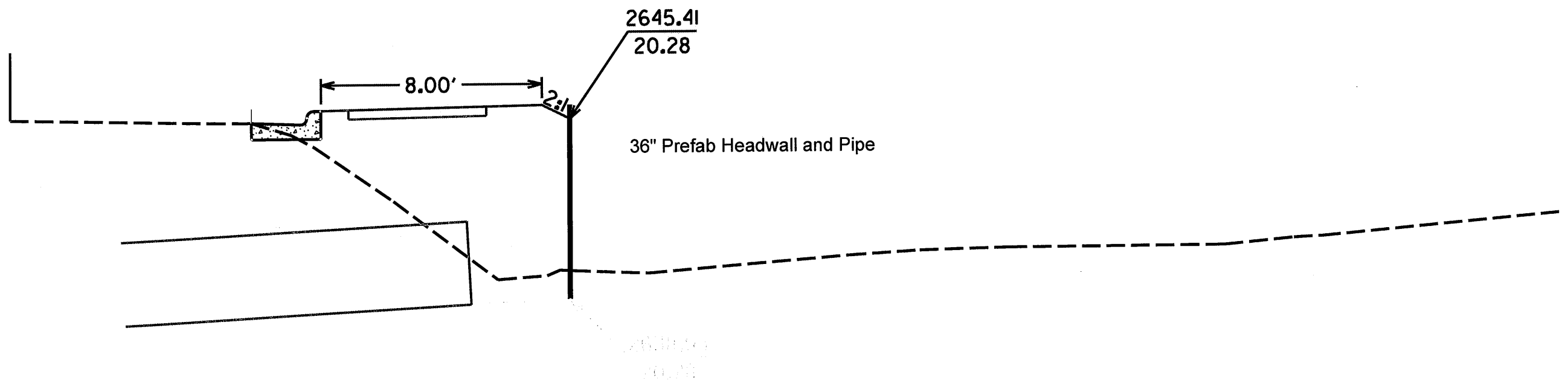
Exist

R/W

30' Lt



16+78.60
L



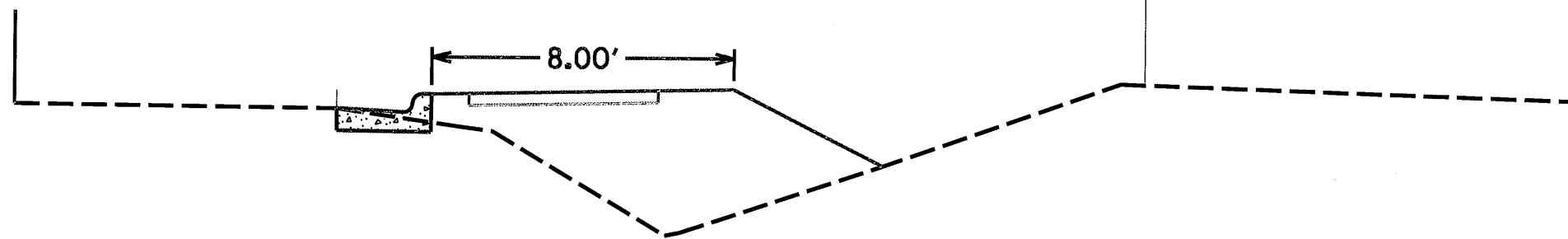
17+00.00

L

Exist

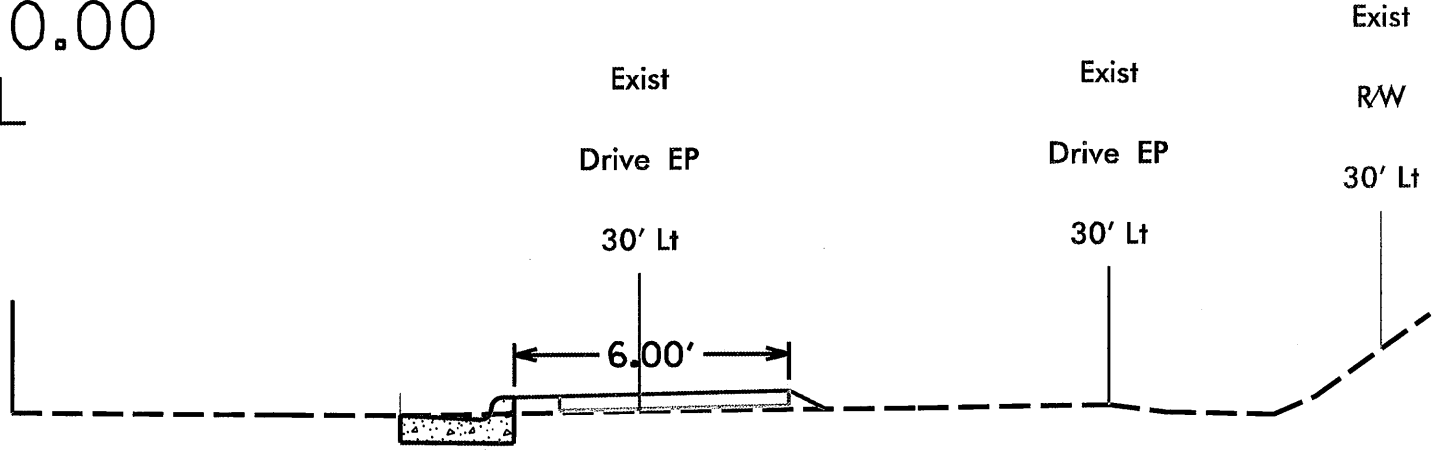
R/W

30' Lt



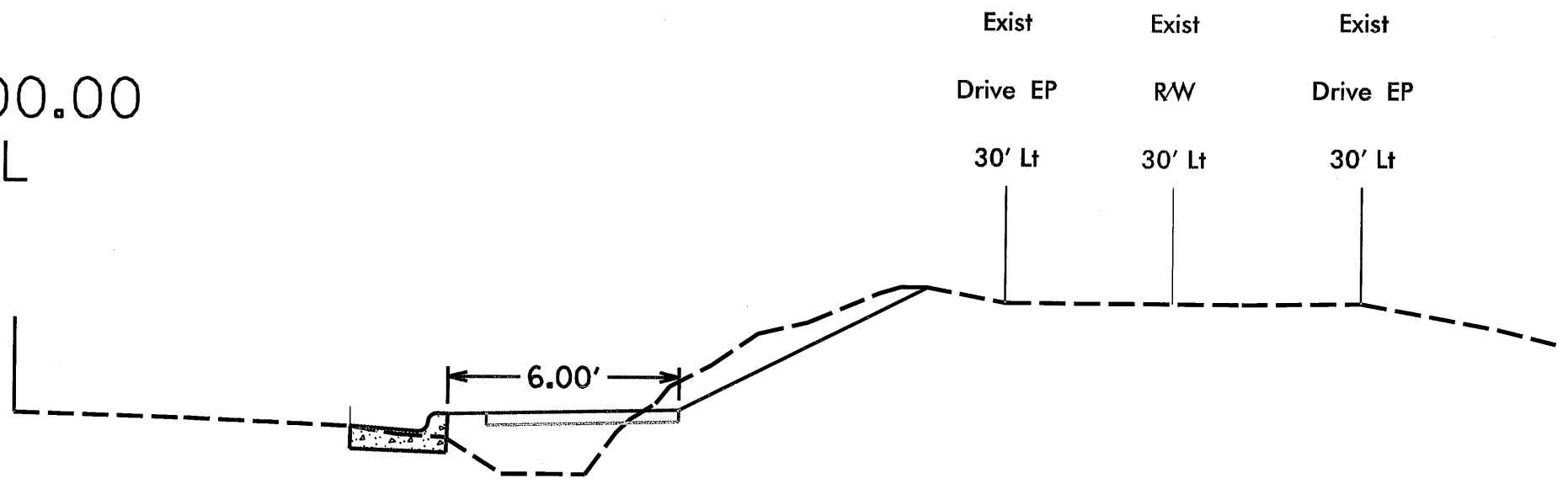
17+50.00

L



18+00.00

L

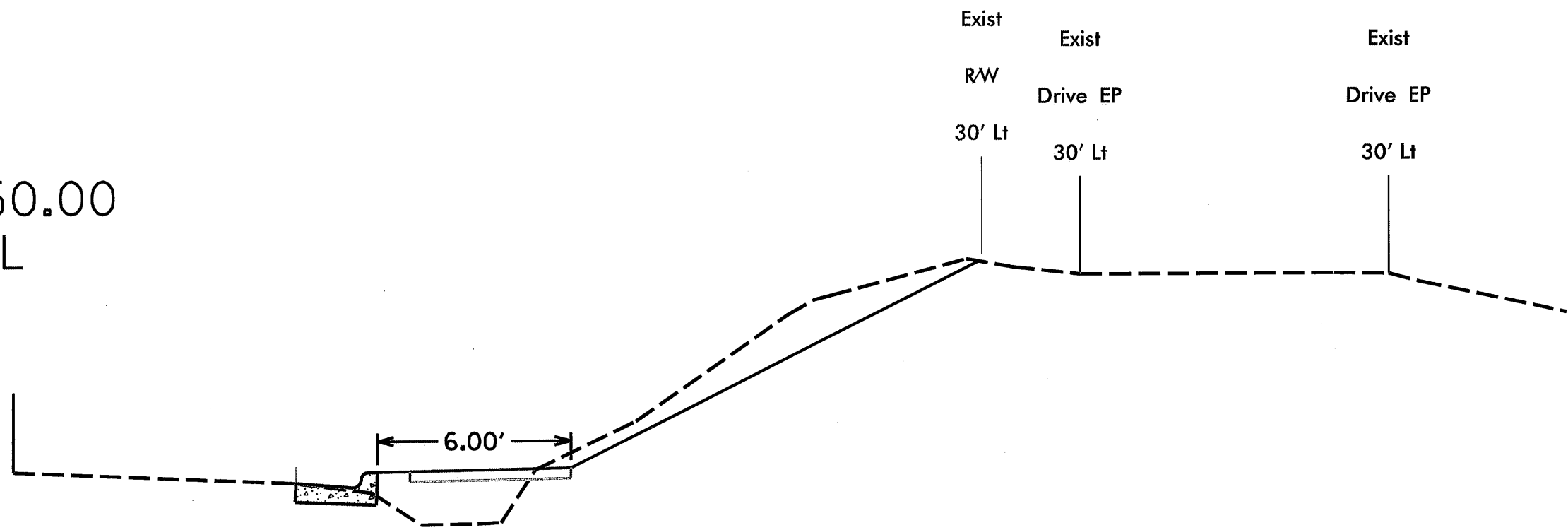


Exist
Drive EP
30' Lt

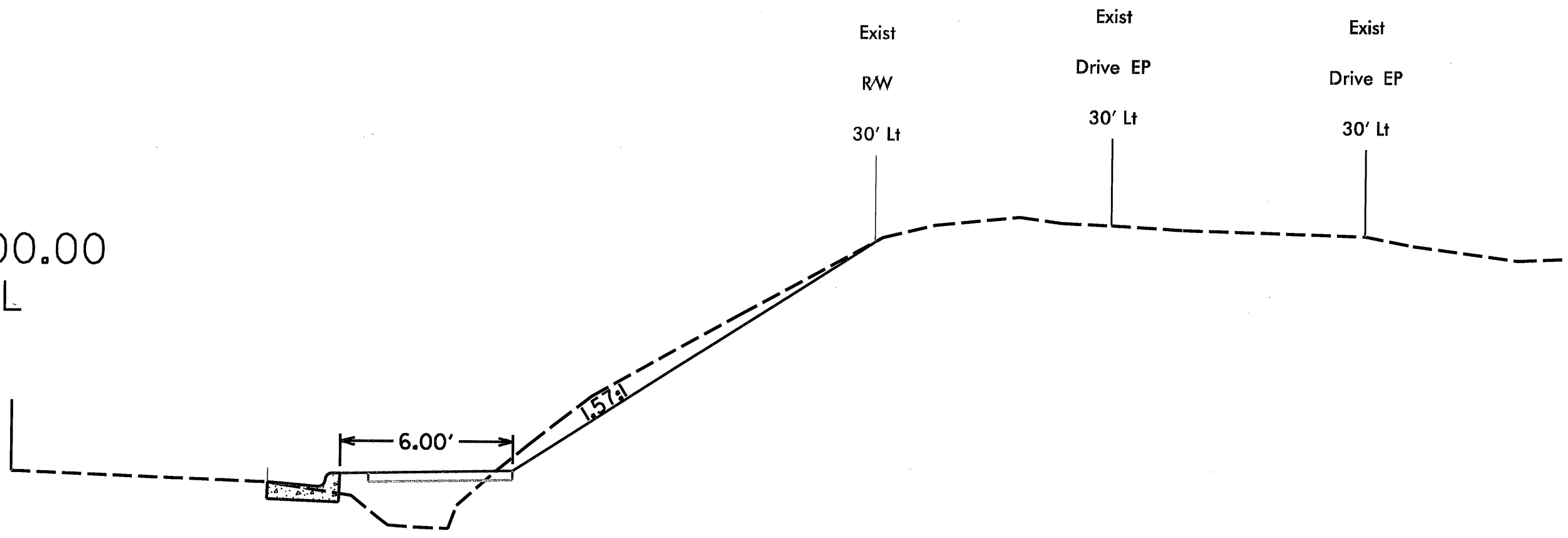
Exist
R/W
30' Lt

Exist
Drive EP
30' Lt

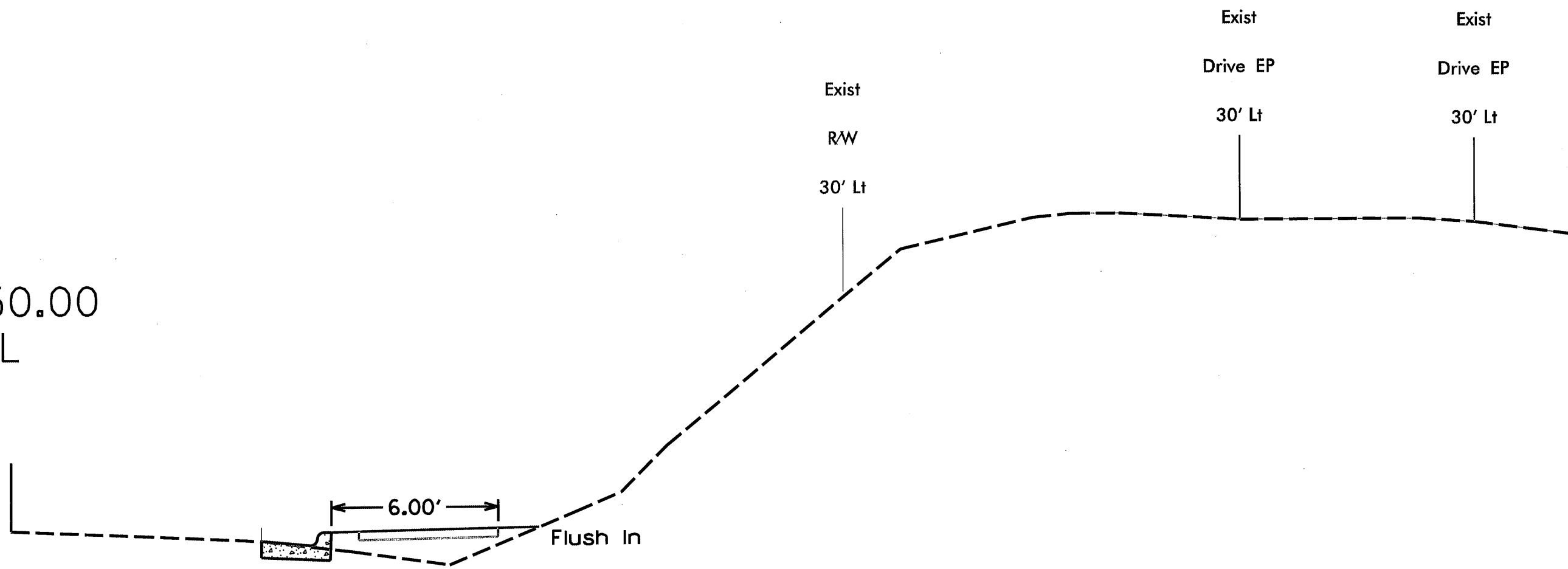
18+50.00
L



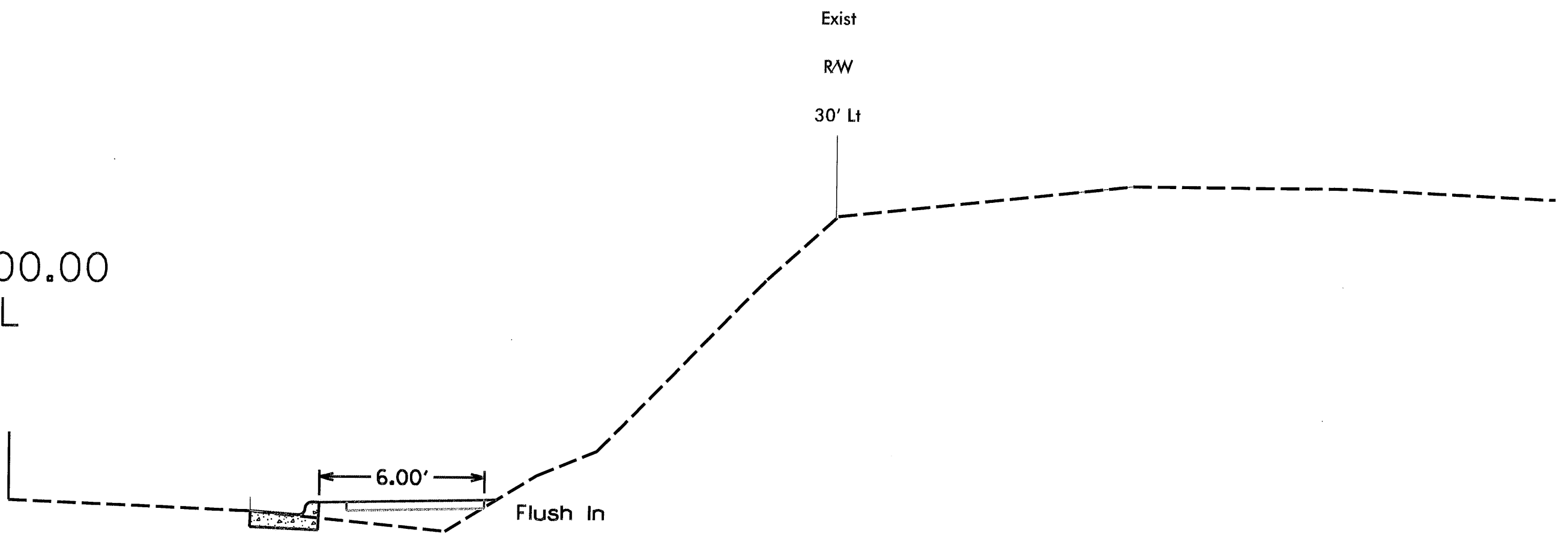
19+00.00
L



19+50.00
L



20+00.00
L

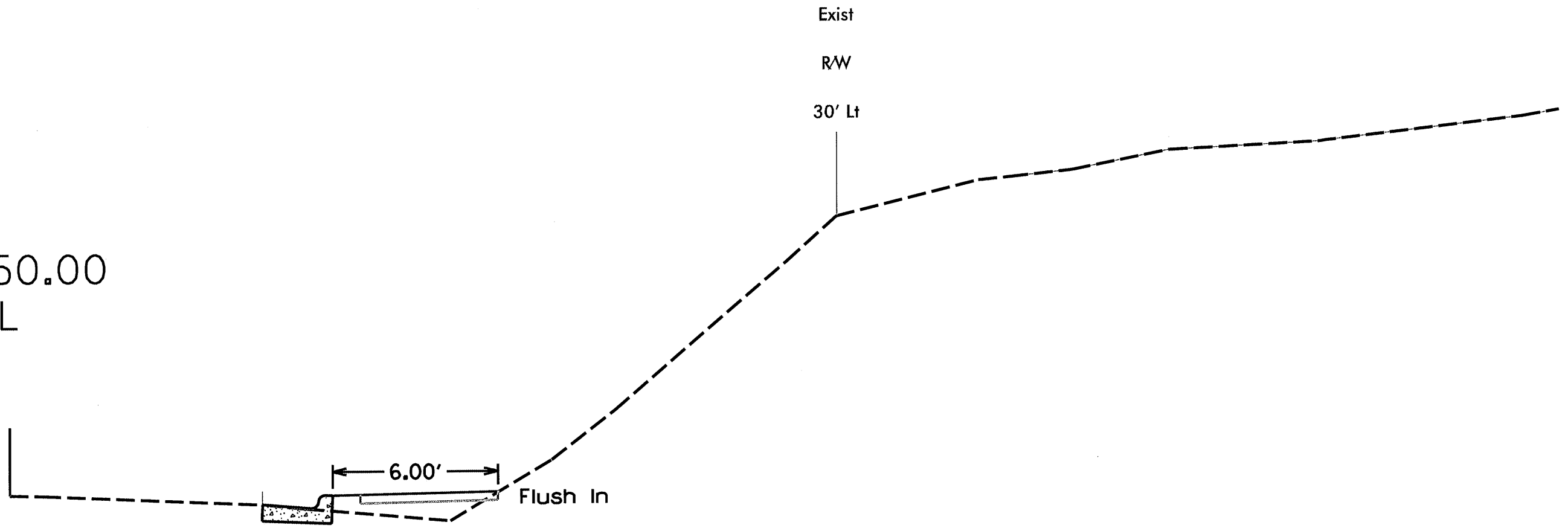


Exist
R/W
30' Lt

6.00'

Flush In

20+50.00
L

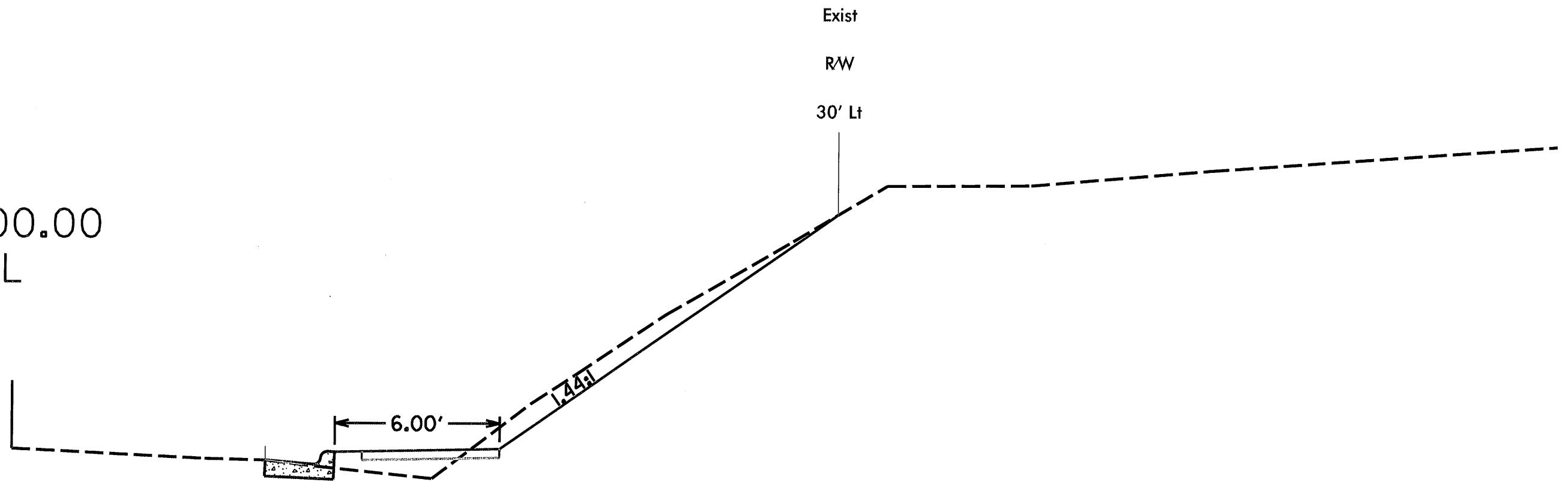


Exist
RW
30' Lt

6.00'

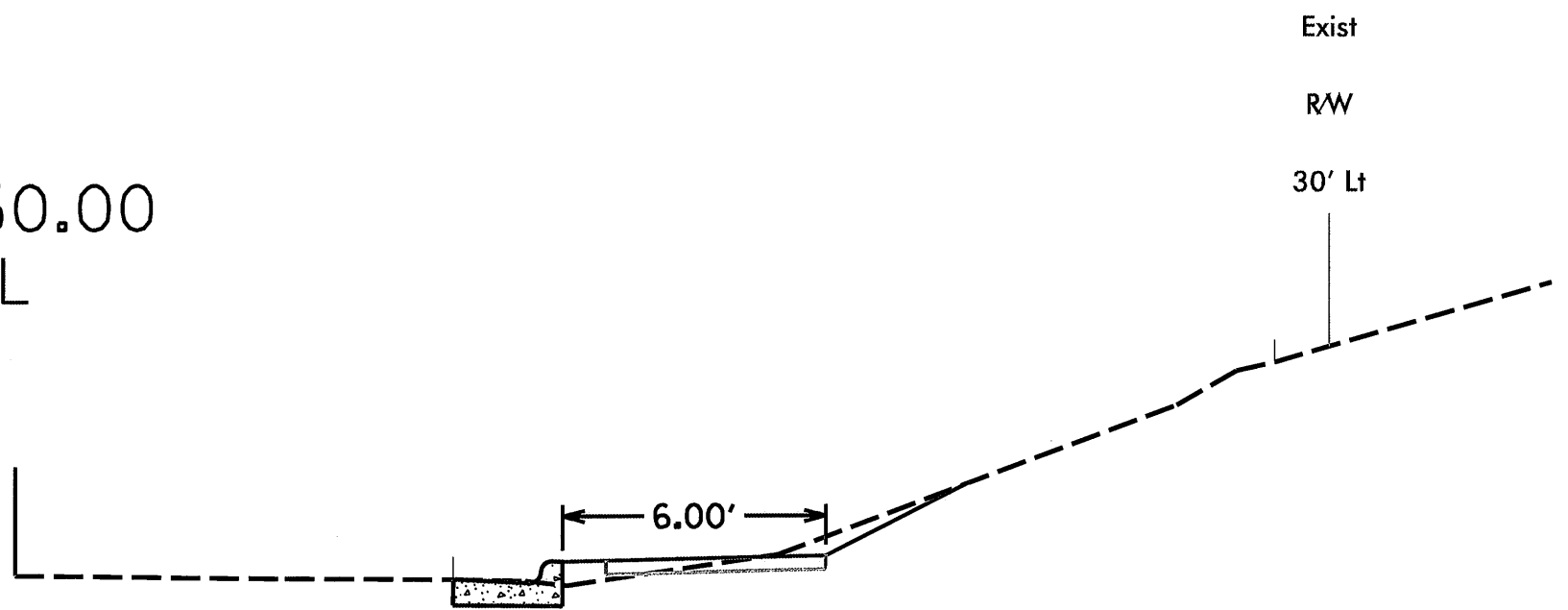
Flush In

21+00.00
L



21+50.00

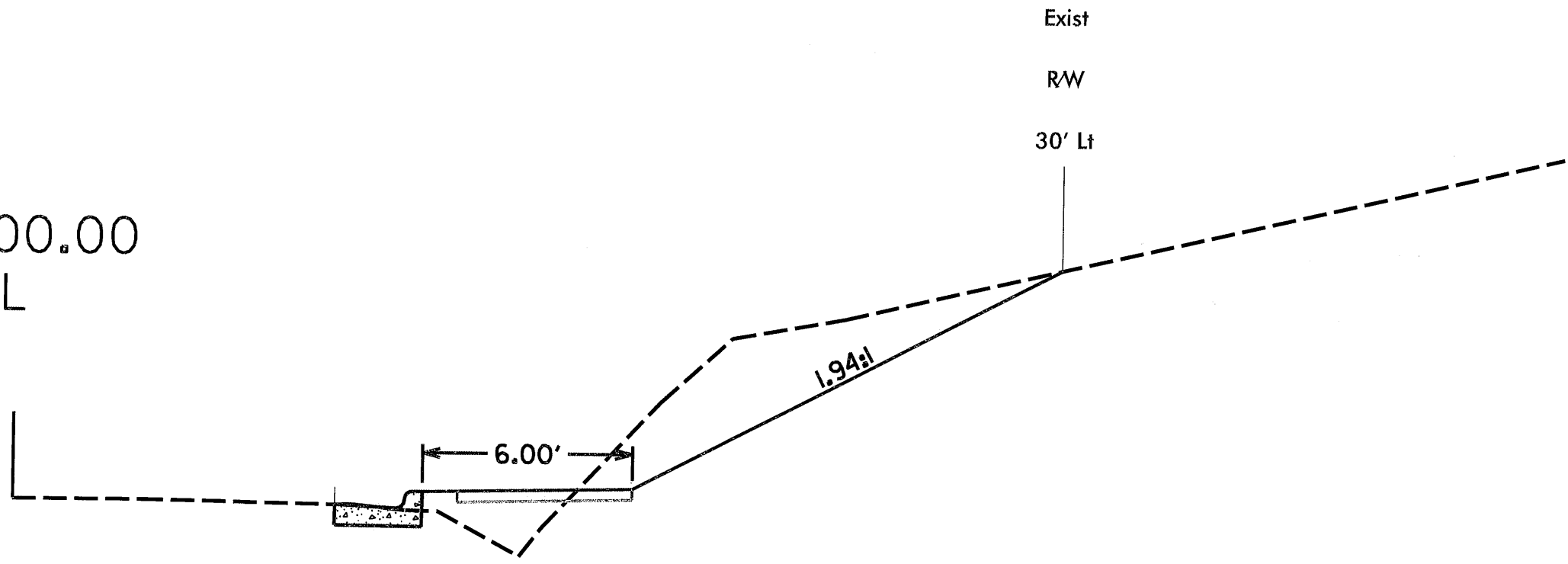
L



6.00'

Exist
RW
30' Lt

22+00.00
L

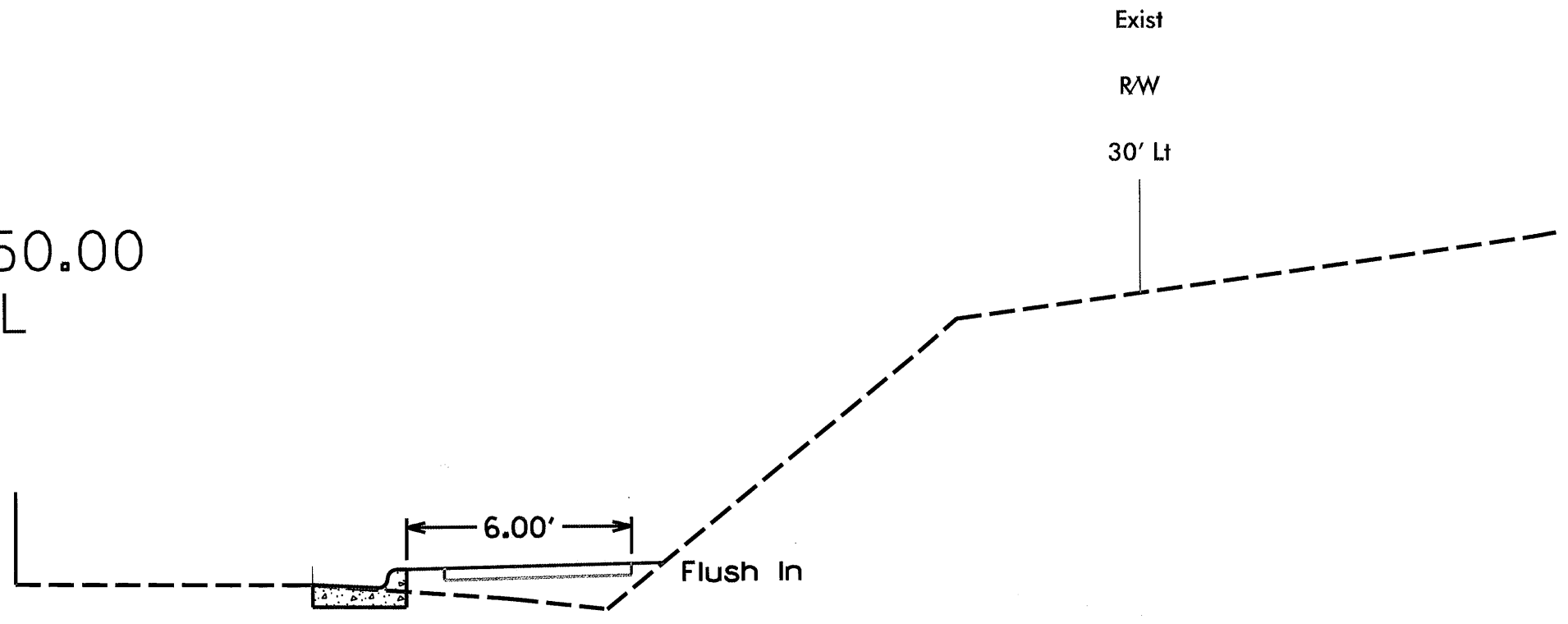


Exist
RW
30' Lt

1.94:1

6.00'

22+50.00
L



Exist
R/W
30' Lt

6.00'

Flush In

Deyton Sidewalk - Mitchell County
Average End Volume Worksheet

Y Unclassified Excavation

Station	Dist.	Area	Avg. Area	Cu. Ft.	Cu. Yds.
10+00.00		0.00			
	50.00		0.68	33.75	1.25
10+50.00		1.35			
	50.00		1.30	65.00	2.41
11+00.00		1.25			
	50.00		1.23	61.25	2.27
11+50.00		1.20			
	50.00		1.23	61.50	2.28
12+00.00		1.26			
	50.00		1.15	57.50	2.13
12+50.00		1.04			
	50.00		0.92	45.75	1.69
13+00.00		0.79			
	50.00		0.89	44.50	1.65
13+50.00		0.99			
	50.00		1.14	57.00	2.11
14+00.00		1.29			
	50.00		5.14	256.75	9.51
14+50.00		8.98			
	50.00		9.40	470.00	17.41
15+00.00		9.82			
	50.00		5.42	271.00	10.04
15+50.00		1.02			
	50.00		1.15	57.25	2.12
16+00.00		1.27			
	50.00		0.94	46.75	1.73
16+50.00		0.60			
	50.00		2.38	119.00	4.41
17+00.00		4.16			
	50.00		2.91	145.50	5.39
17+50.00		1.66			
	50.00		1.69	84.50	3.13
18+00.00		1.72			
	50.00		1.74	87.00	3.22
18+50.00		1.76			
	50.00		2.29	114.50	4.24
19+00.00		2.82			
	50.00		2.17	108.25	4.01
19+50.00		1.51			
	50.00		2.13	106.25	3.94
20+00.00		2.74			
	50.00		1.64	81.75	3.03
20+50.00		0.53			
	50.00		0.27	13.25	0.49
21+00.00		0.00			

Total Cu Yds= 88.44

Deyton Sidewalk - Mitchell County
Average End Volume Worksheet

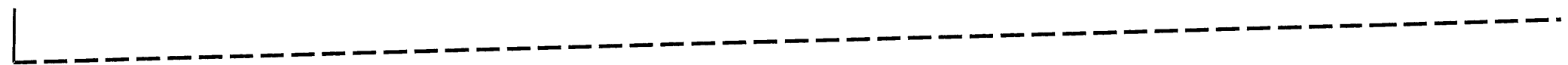
Y Embankment

Station	Dist.	Area	Avg. Area	Cu. Ft.	Cu. Yds.
10+00.00		0.00			
	50.00		2.18	108.75	4.03
10+50.00		4.35			
	50.00		6.01	300.25	11.12
11+00.00		7.66			
	47.88		10.42	499.10	18.49
11+47.88		13.19			
	7.99		12.46	99.55	3.69
11+55.87		11.73			
	3.28		13.06	42.85	1.59
11+59.15		14.40			
	1.48		19.32	28.60	1.06
11+60.63		24.25			
	39.37		17.37	683.82	25.33
12+00.00		10.49			
	50.00		12.89	644.50	23.87
12+50.00		15.29			
	50.00		17.67	883.50	32.72
13+00.00		20.05			
	50.00		15.79	789.25	29.23
13+50.00		11.52			
	50.00		7.63	381.44	14.13
14+00.00		3.74			
	50.00		2.82	141.19	5.23
14+50.00		1.91			
	50.00		1.29	64.61	2.39
15+00.00		0.67			
	50.00		3.62	181.19	6.71
15+50.00		6.57			
	50.00		5.71	285.34	10.57
16+00.00		4.84			
	50.00		11.24	562.00	20.81
16+50.00		17.64			
	50.00		9.73	486.50	18.02
17+00.00		1.82			
	50.00		1.90	94.75	3.51
17+50.00		1.97			
	50.00		1.82	91.00	3.37
18+00.00		1.67			
	50.00		1.30	65.00	2.41
18+50.00		0.93			
	50.00		0.60	29.88	1.11
19+00.00		0.27			
	50.00		0.86	42.92	1.59
19+50.00		1.45			
	50.00		0.85	42.30	1.57
20+00.00		0.24			
	50.00		1.07	53.50	1.98
20+50.00		1.90			
	50.00		0.95	47.50	1.76
21+00.00		0.00			

Total Cu Yds= 246.27

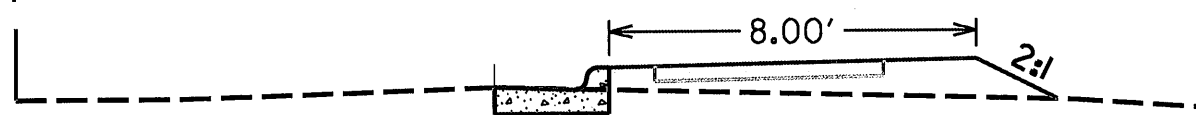
10+00.00

Y

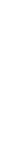


10+50.00

Y

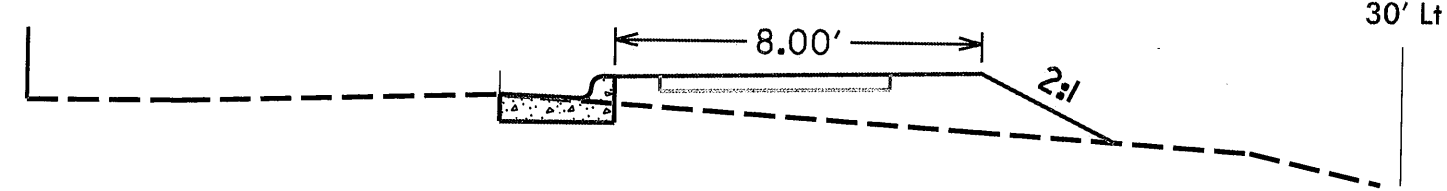


Exist
RW
30' Lt



11+00.00

Y



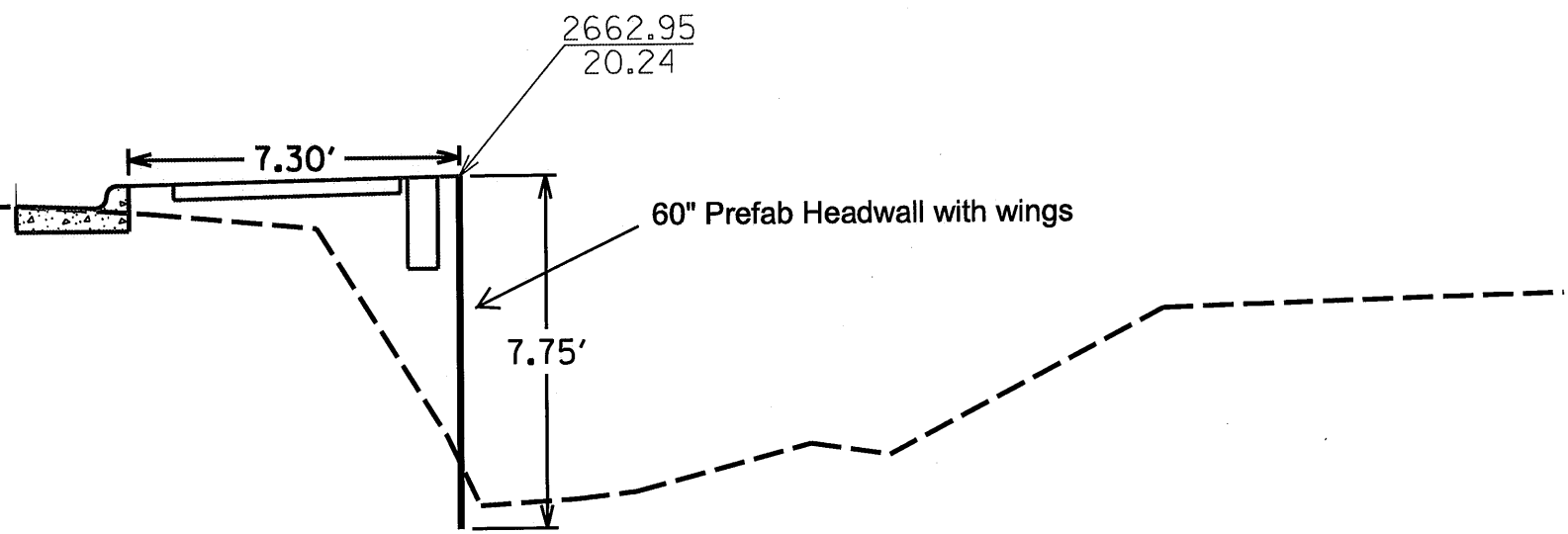
8.00'

2:1

Exist
RW
30' Lt

11+47.88

Y



MR

11+55.87

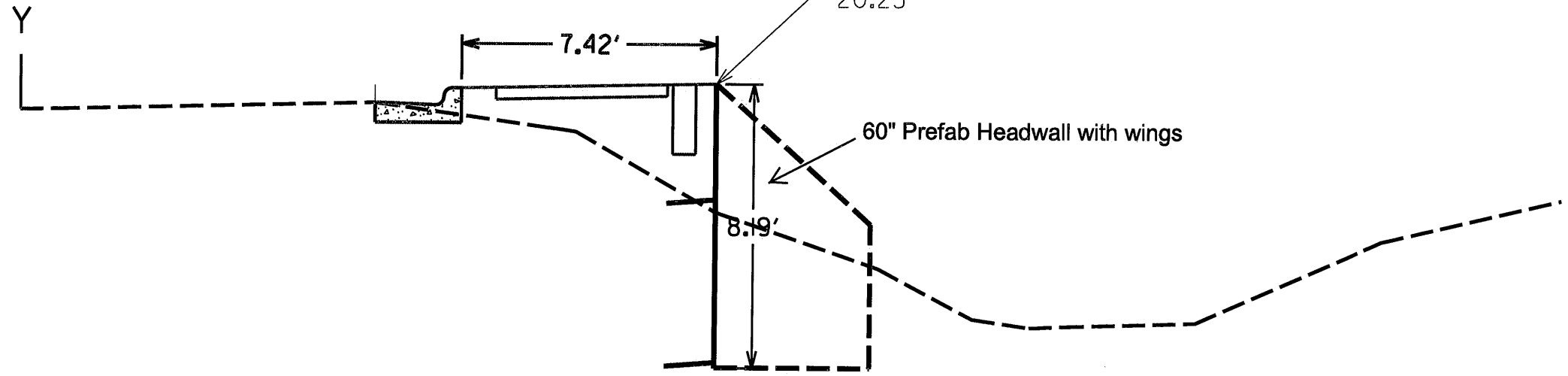
Y

7.42'

$\frac{2663.39}{20.23}$

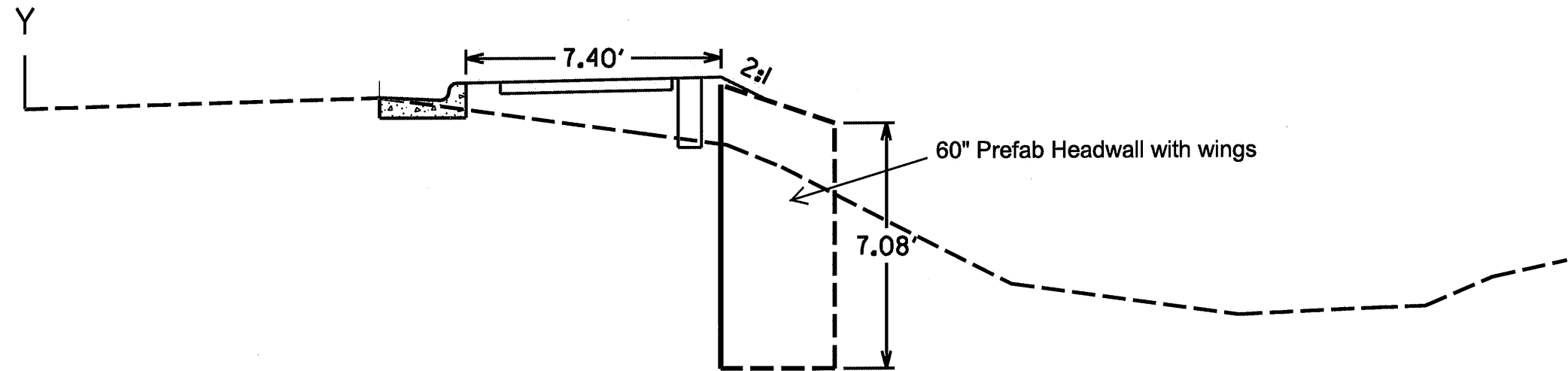
60" Prefab Headwall with wings

8.19'



MR

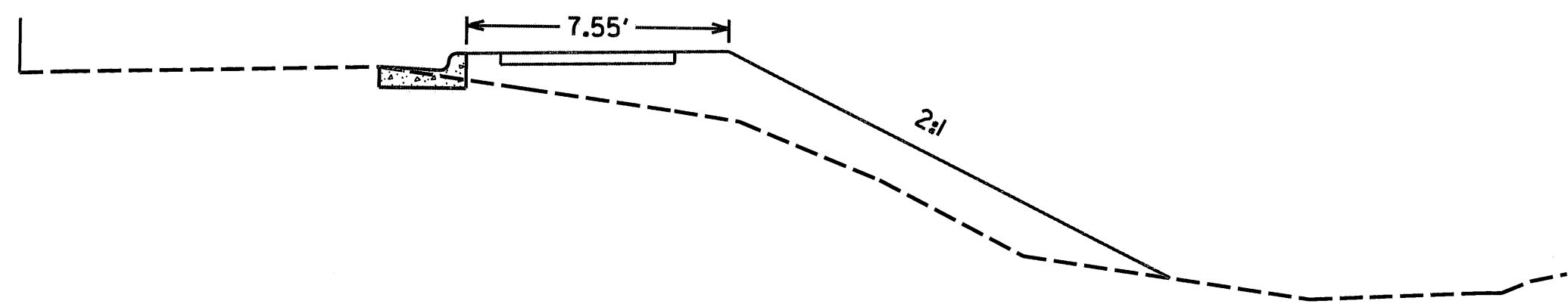
11+59.15



MR

11+60.63

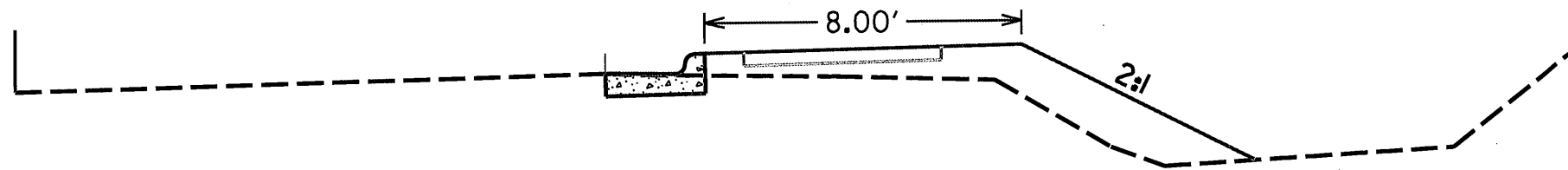
Y



12+00.00

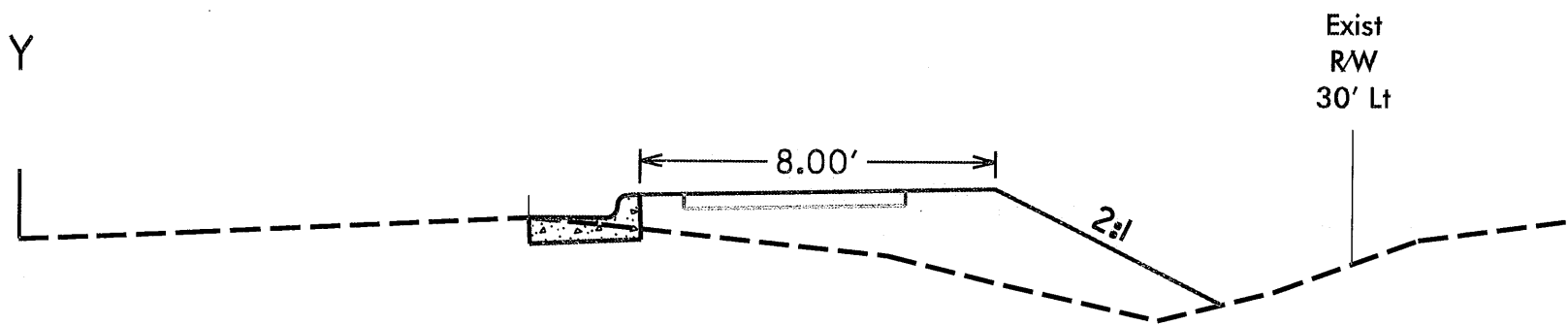
Y

In Radius



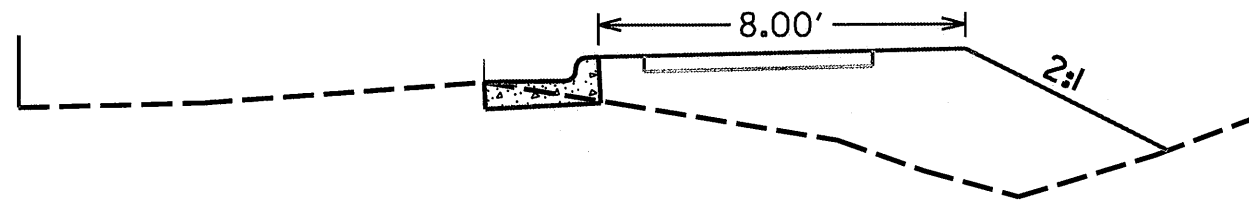
12+50.00

Y

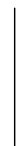


13+00.00

Y

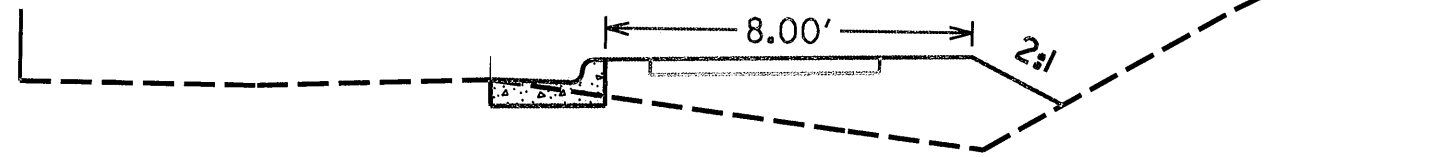


Exist
RW
30' Lt



13+50.00

Y



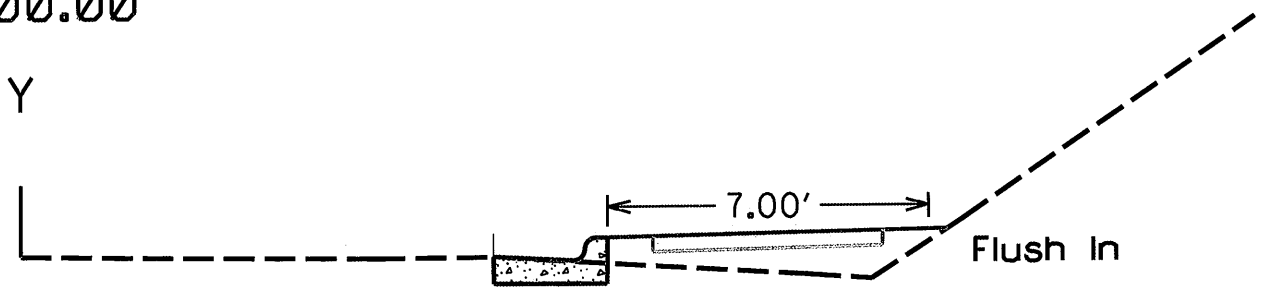
8.00'

2:1

Exist
RW
30' Lt

14+00.00

Y

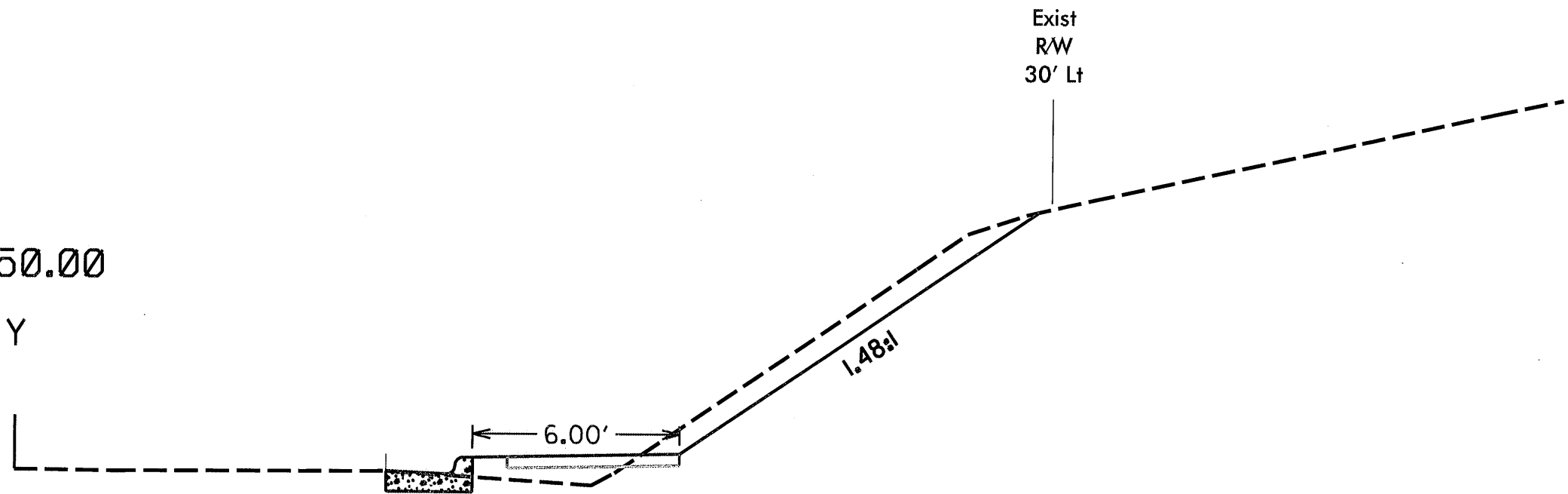


Exist
RW
30' Lt



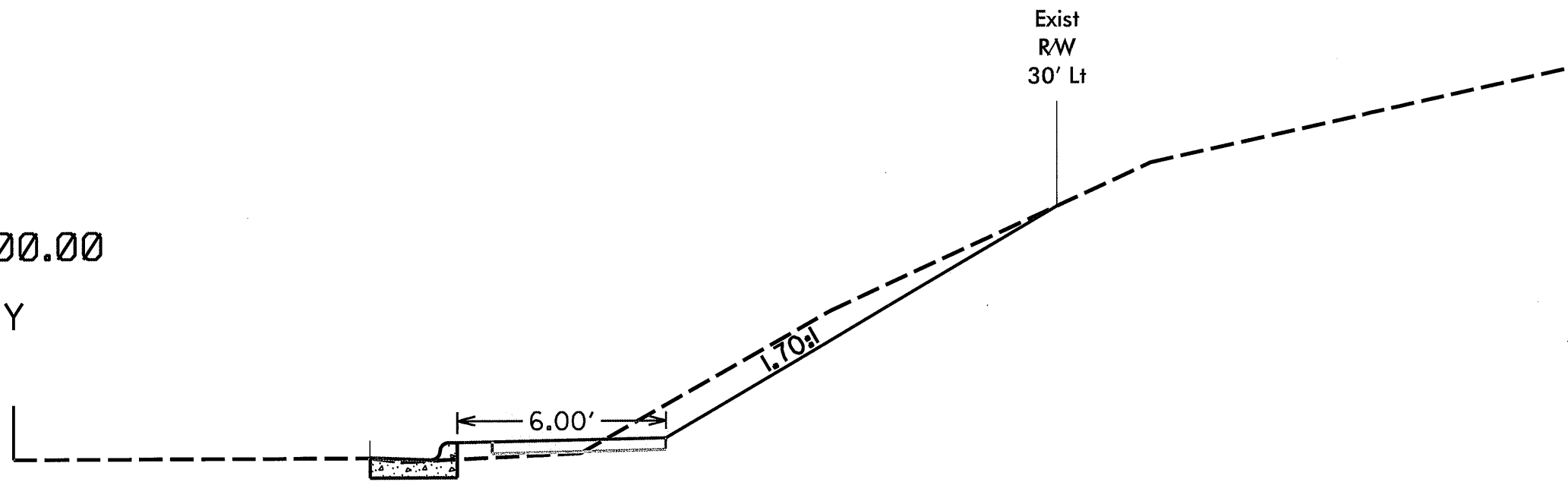
14+50.00

Y



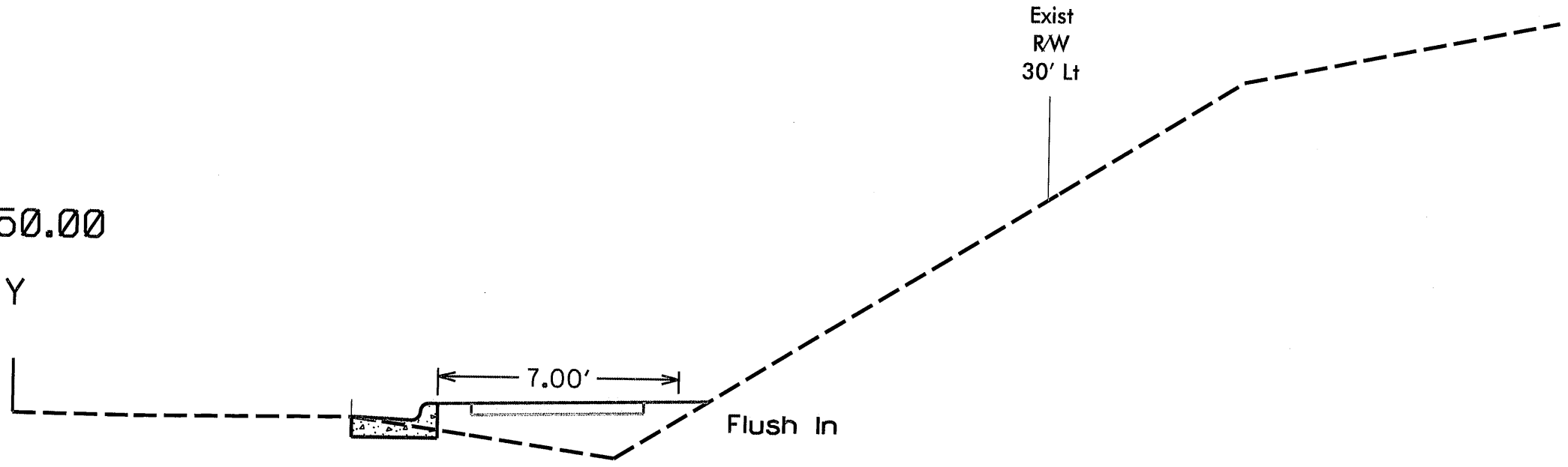
15+00.00

Y



15+50.00

Y



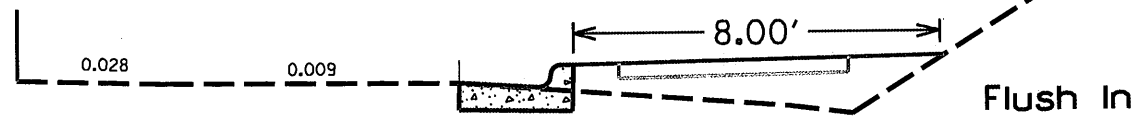
7.00'

Flush In

Exist
R/W
30' Lt

16+00.00

Y

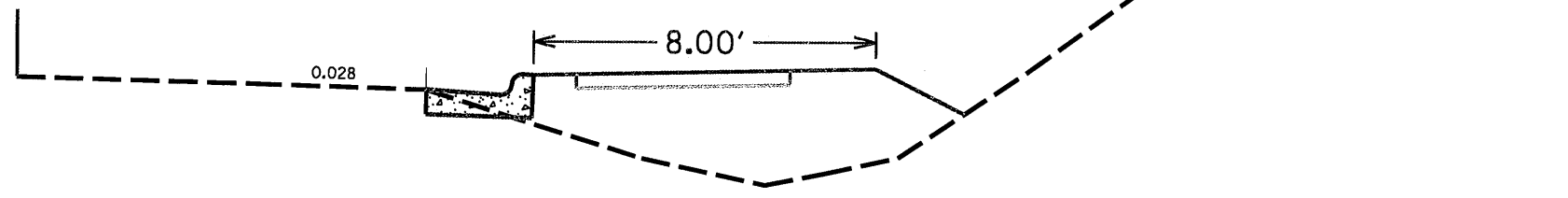


Exist
R/W
30' Lt

Flush In

16+50.00

Y



Exist
RW
30' Lt

0.028

8.00'

17+00.00

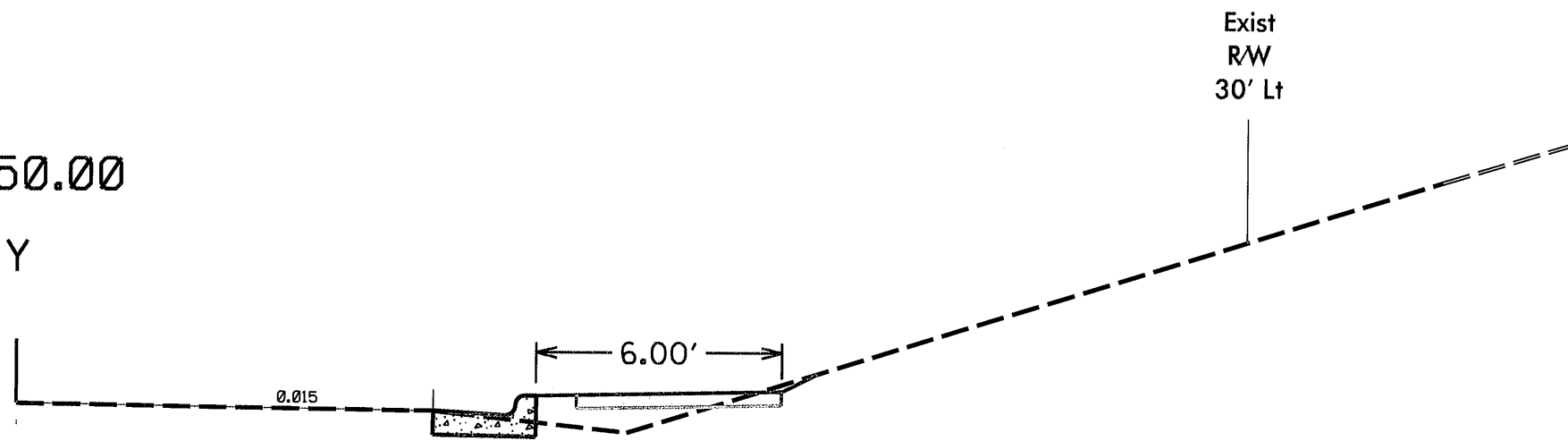
Y

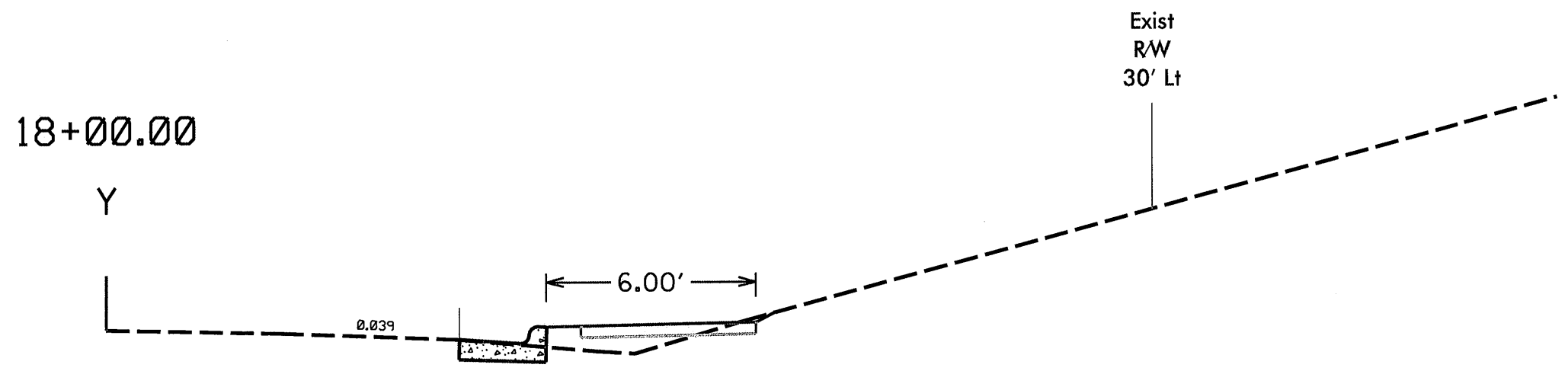


Exist
RW
30' Lt

17+50.00

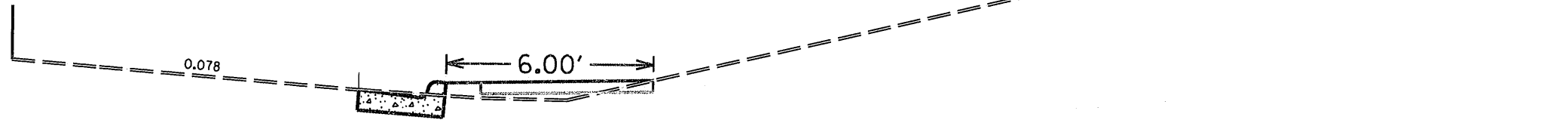
Y





18+50.00

Y



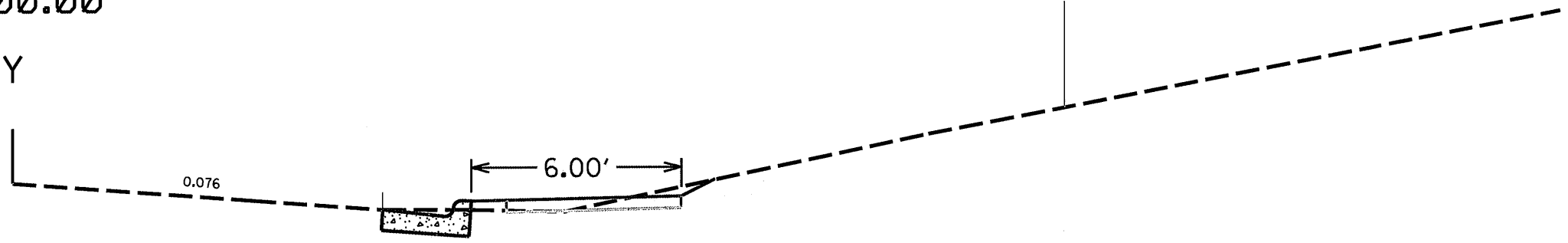
Exist
R/W
30' Lt

0.078

6.00'

19+00.00

Y



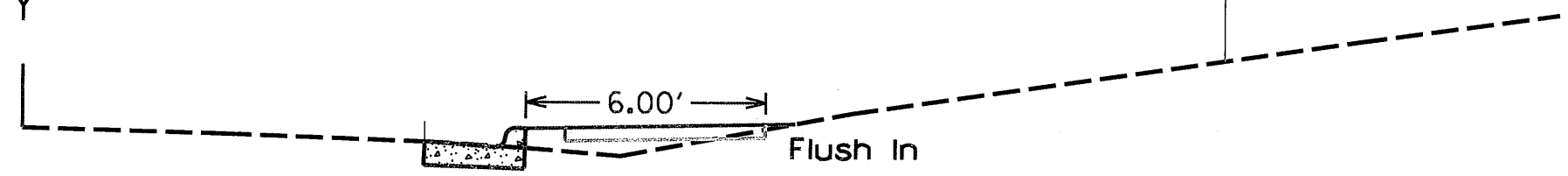
0.076

6.00'

Exist
RW
30' Lt

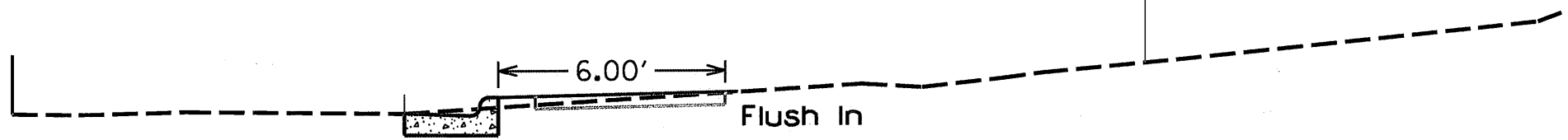
19+50.00

Y



20+00.00

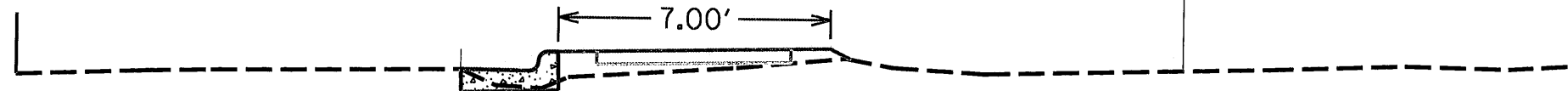
Y



20+50.00

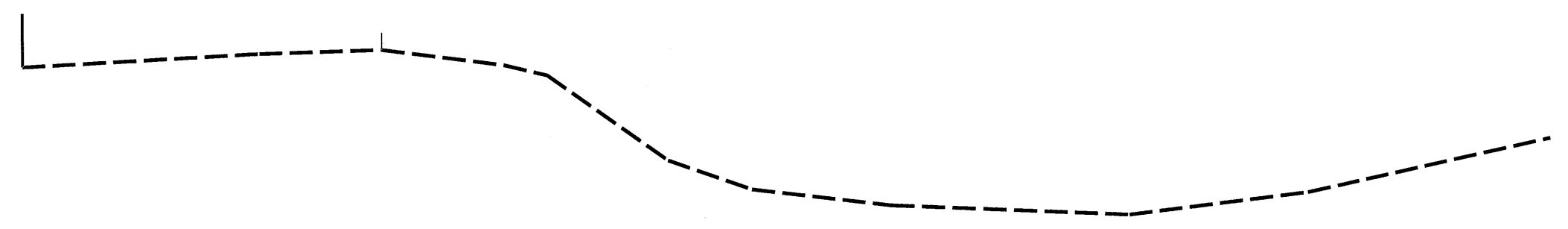
Y

Exist
R/W
30' Lt



21+00.00

Y



Deyton Sidewalk - Mitchell County
Average End Volume
Worksheet

Calculation for Uncl Excav for base under Curb & Gutter

<u>"-L-"</u>					
<u>Location</u>		<u>Length</u>	<u>Width of Base</u>	<u>Depth of Base</u>	<u>Cubic Yards</u>
<u>From</u>	<u>to</u>				
9+97.90	10+20.00	22.10	3.5	0.5	1.43
Radius LB School Drive		48.16	3.5	0.5	3.12
10+65.53	15+78.53	510.56	3.5	0.5	33.09
Radius LB School Exit		47.02	3.5	0.5	3.05
Radius LA School Exit		34.30	3.5	0.5	2.22
16+70.57	22+55.41	580.94	3.5	0.5	37.65
Total =					1243.08
					80.57

<u>"-Y-"</u>					
<u>Location</u>		<u>Length</u>			
<u>From</u>	<u>to</u>				
Radius @ L and Y Intersection		43.50	3.5	0.5	2.82
10+35.57	11+89.70	155.54	3.5	0.5	10.08
Radius LB Parkwood Hill Rd		30.16	3.5	0.5	1.95
Radius LA Parkwood Hill Rd		20.64	3.5	0.5	1.34
12+35.54	20+52.47	822.27	3.5	0.5	53.30
Radius LB Bryan Center Ent		20.53	3.5	0.5	1.33
Total =					1092.64
					70.82
Grand Total =					2335.72
					151.39

