



SUMMARY OF TYPE D1 GUARD RAIL

From Sta	To Sta	Lin Ft on R.	Lin Ft on L.
4+02	21+54	1752	
22+40	26+16		376
13+50	26+22		1272

Sta 2+29.59 to Sta 7+75.90

LEFT					CENTER LINE					RIGHT				
Station	Elevation	Width	Grade	Deflection	Station	Elevation	Width	Grade	Deflection	Station	Elevation	Width	Grade	Deflection
2+29.59	708.92	10.00	710.02		2+29.59	708.92	10.00	710.02		7+75.90	708.92	10.00	710.02	
3+00	707.08	10.08	707.18		3+00	707.18	10.08	707.18		8+00	707.18	10.08	707.18	
4+00	706.73	10.50	706.83		4+00	706.83	10.50	706.83		9+00	706.83	10.50	706.83	
5+00	705.30	10.98	705.40		5+00	705.40	10.98	705.40		10+00	705.40	10.98	705.40	
6+00	703.02	11.82	703.12		6+00	703.12	11.82	703.12		11+00	703.12	11.82	703.12	
7+00	703.00	12.00	703.10		7+00	703.10	12.00	703.10		12+00	703.10	12.00	703.10	
8+00	702.40	12.65	702.50		8+00	702.50	12.65	702.50		13+00	702.50	12.65	702.50	
9+00	702.40	12.97	702.50		9+00	702.50	12.97	702.50		14+00	702.50	12.97	702.50	
10+00	699.03	13.00	699.13		10+00	699.13	13.00	699.13		15+00	699.13	13.00	699.13	
11+00	697.40	4+0	697.50		11+00	697.50	4+0	697.50		16+00	697.50	4+0	697.50	
12+00	695.40	+2.5	695.50		12+00	695.50	+2.5	695.50		17+00	695.50	+2.5	695.50	
13+00	693.40	+3.0	693.50		13+00	693.50	+3.0	693.50		18+00	693.50	+3.0	693.50	
14+00	691.40	+7.5	691.50		14+00	691.50	+7.5	691.50		19+00	691.50	+7.5	691.50	
15+00	689.40	5+0	689.50		15+00	689.50	5+0	689.50		20+00	689.50	5+0	689.50	
16+00	687.40	+2.5	687.50		16+00	687.50	+2.5	687.50		21+00	687.50	+2.5	687.50	
17+00	685.40	+5.0	685.50		17+00	685.50	+5.0	685.50		22+00	685.50	+5.0	685.50	
18+00	683.40	+7.5	683.50		18+00	683.50	+7.5	683.50		23+00	683.50	+7.5	683.50	
19+00	681.40	6+0	681.50		19+00	681.50	6+0	681.50		24+00	681.50	6+0	681.50	
20+00	679.33	13.00	679.43		20+00	679.43	13.00	679.43		25+00	679.43	13.00	679.43	
21+00	677.40	12.73	677.50		21+00	677.50	12.73	677.50		26+00	677.50	12.73	677.50	
22+00	675.33	12.04	675.43		22+00	675.43	12.04	675.43		27+00	675.43	12.04	675.43	
23+00	673.40	11.12	673.50		23+00	673.50	11.12	673.50		28+00	673.50	11.12	673.50	
24+00	671.33	10.84	671.43		24+00	671.43	10.84	671.43		29+00	671.43	10.84	671.43	
25+00	669.40	10.13	669.50		25+00	669.50	10.13	669.50		30+00	669.50	10.13	669.50	
26+00	667.33	10.00	667.43		26+00	667.43	10.00	667.43		31+00	667.43	10.00	667.43	

Sta 11+44.30 to Sta 18+52.69

LEFT					CENTER LINE					RIGHT				
Station	Elevation	Width	Grade	Deflection	Station	Elevation	Width	Grade	Deflection	Station	Elevation	Width	Grade	Deflection
11+44.30	637.96	10.00	637.96		11+44.30	637.96	10.00	637.96		18+52.69	637.96	10.00	637.96	
12+00	637.40	+5.0	637.50		12+00	637.50	+5.0	637.50		19+00	637.50	+5.0	637.50	
13+00	635.40	+7.5	635.50		13+00	635.50	+7.5	635.50		20+00	635.50	+7.5	635.50	
14+00	633.40	+9.430	633.50		14+00	633.50	+9.430	633.50		21+00	633.50	+9.430	633.50	
15+00	633.40	12+0	633.50		15+00	633.50	12+0	633.50		22+00	633.50	12+0	633.50	
16+00	631.41	+2.5	631.51		16+00	631.51	+2.5	631.51		23+00	631.51	+2.5	631.51	
17+00	629.41	PC+29.59	629.51		17+00	629.51	PC+29.59	629.51		24+00	629.51	PC+29.59	629.51	
18+00	627.42	+7.5	627.52		18+00	627.52	+7.5	627.52		25+00	627.52	+7.5	627.52	
19+00	626.61	+9.430	626.71		19+00	626.71	+9.430	626.71		26+00	626.71	+9.430	626.71	
20+00	626.28	13+0	626.38		20+00	626.38	13+0	626.38		27+00	626.38	13+0	626.38	
21+00	624.90	+2.5	625.00		21+00	625.00	+2.5	625.00		28+00	625.00	+2.5	625.00	
22+00	623.79	+9.0	623.89		22+00	623.89	+9.0	623.89		29+00	623.89	+9.0	623.89	
23+00	623.69	+7.5	623.79		23+00	623.79	+7.5	623.79		30+00	623.79	+7.5	623.79	
24+00	622.78	15+0	622.88		24+00	622.88	15+0	622.88		31+00	622.88	15+0	622.88	
25+00	622.00	14+0	622.10		25+00	622.10	14+0	622.10		32+00	622.10	14+0	622.10	
26+00	621.07	+2.5	621.17		26+00	621.17	+2.5	621.17		33+00	621.17	+2.5	621.17	
27+00	620.53	+5.0	620.63		27+00	620.63	+5.0	620.63		34+00	620.63	+5.0	620.63	
28+00	620.16	+7.5	620.26		28+00	620.26	+7.5	620.26		35+00	620.26	+7.5	620.26	
29+00	619.95	15+0	620.05		29+00	620.05	15+0	620.05		36+00	620.05	15+0	620.05	
30+00	619.90	+2.5	620.00		30+00	620.00	+2.5	620.00		37+00	620.00	+2.5	620.00	
31+00	619.90	+9.0	620.00		31+00	620.00	+9.0	620.00		38+00	620.00	+9.0	620.00	
32+00	619.90	+7.5	620.00		32+00	620.00	+7.5	620.00		39+00	620.00	+7.5	620.00	
33+00	619.90	17+0	620.00		33+00	620.00	17+0	620.00		40+00	620.00	17+0	620.00	
34+00	619.90	+10.269	620.00		34+00	620.00	+10.269	620.00		41+00	620.00	+10.269	620.00	
35+00	619.90	+2.5	620.00		35+00	620.00	+2.5	620.00		42+00	620.00	+2.5	620.00	
36+00	619.90	PT+52.69	620.00		36+00	620.00	PT+52.69	620.00		43+00	620.00	PT+52.69	620.00	
37+00	619.90	+7.5	620.00		37+00	620.00	+7.5	620.00		44+00	620.00	+7.5	620.00	
38+00	619.90	13+0	620.00		38+00	620.00	13+0	620.00		45+00	620.00	13+0	620.00	
39+00	619.90	10.00	620.00		39+00	620.00	10.00	620.00		46+00	620.00	10.00	620.00	

Sta 20+00.03 to Sta 32+93.17

LEFT					CENTER LINE					RIGHT				
Station	Elevation	Width	Grade	Deflection	Station	Elevation	Width	Grade	Deflection	Station	Elevation	Width	Grade	Deflection
20+00.03	619.90	10.00	620.00		20+00.03	620.00	10.00	620.00		32+93.17	620.00	10.00	620.00	
21+00	620.05	+2.5	620.00		21+00	620.00	+2.5	620.00		33+00	620.00	+2.5	620.00	
22+00	620.20	+5.0	620.00		22+00	620.00	+5.0	620.00		34+00	620.00	+5.0	620.00	
23+00	620.35	+7.5	620.00		23+00	620.00	+7.5	620.00		35+00	620.00	+7.5	620.00	
24+00	620.50	PC+21+00.03	620.00		24+00	620.00	PC+21+00.03	620.00		36+00	620.00	PC+21+00.03	620.00	
25+00	620.65	+2.5	620.00		25+00	620.00	+2.5	620.00		37+00	620.00	+2.5	620.00	
26+00	620.80	10.00	620.00		26+00	620.00	10.00	620.00		38+00	620.00	10.00	620.00	
27+00	620.95	+5.0	620.00		27+00	620.00	+5.0	620.00		39+00	620.00	+5.0	620.00	
28+00	621.10	+7.5	620.00		28+00	620.00	+7.5	620.00		40+00	620.00	+7.5	620.00	
29+00	621.25	PT+23+17	624.47		29+00	624.47	PT+23+17	624.47		41+00	624.47	PT+23+17	624.47	
30+00	621.40	+5.0	621.50		30+00	621.50	+5.0	621.50		42+00	621.50	+5.0	621.50	
31+00	621.55	+7.5	621.65		31+00	621.65	+7.5	621.65		43+00	621.65	+7.5	621.65	
32+00	621.70	+10.0	621.80		32+00	621.80	+10.0	621.80		44+00	621.80	+10.0	621.80	
33+00	621.85	+12.5	621.95		33+00	621.95	+12.5	621.95		45+00	621.95	+12.5	621.95	
34+00	622.00	+15.0	622.10		34+00	622.10	+15.0	622.10		46+00	622.10	+15.0	622.10	
35+00	622.15	+17.5	622.25		35+00	622.25	+17.5	622.25		47+00	622.25	+17.5	622.25	
36+00	622.30	+20.0	622.40		36+00	622.40	+20.0	622.40		48+00	622.40	+20.0	622.40	
37+00	622.45	+22.5	622.55		37+00	622.55	+22.5	622.55		49+00	622.55	+22.5	622.55	
38+00	622.60	+25.0	622.70		38+00	622.70	+25.0	622.70		50+00	622.70	+25.0	622.70	
39+00	622.75	+27.5	622.85		39+00	622.85	+27.5	622.85		51+00	622.85	+27.5	622.85	
40+00	622.90	+30.0	623.00		40+00	623.00	+30.0	623.00		52+00	623.00	+30.0	623.00	
41+00	623.05	+32.5	623.15		41+00	623.15	+32.5	623.15		53+00	623.15	+32.5	623.15	
42+00	623.20	+35.0	623.30		42+00	623.30	+35.0	623.30		54+00	623.30	+35.0	623.30	
43+00	623.35	+37.												