

CURVE TABLE

Painesville-Euclid Rd
S.H. 520 Sec. B(P) & Lakeline
Lake County

WIDENING: In general, the widening on this project will be carried out as shown on the Typical Sections. However, if necessary, widening may be placed on one side only at the direction of the engineer. Widening shall not be placed in widths less than one foot.

87+19.13		D=4°-15'		102+30.70	
ELEV. AT LT. EDGE PAV'T	ADD TO RT. EDGE PAV'T	STATION	PROFILE ELEV.	SUBT. FROM PROFILE ELEV.	ELEV. AT RT. EDGE PAV'T
617.33	0.00	T.S. 87+19.13	617.51	.18	617.33
617.43	.04	+43.13	617.57		617.39
617.60	.15	+67.13	617.63		617.45
617.84	.33	+91.13	617.69		617.51
618.15	.58	88+15.13	617.75		617.57
618.53	.91	+39.13	617.80		617.62
618.92	1.24	+63.13	617.86		617.68
619.22	1.49	+87.13	617.91		617.73
619.46	1.67	89+11.13	617.97		617.79
619.63	1.78	+35.13	618.03		617.85
619.74	1.83	S.C. +59.13	618.09		617.91
619.77		+75	618.12		617.94
619.83		90+00	618.18		618.00
619.89		+25	618.24		618.06
619.95		+50	618.30		618.12
620.01		+75	618.36		618.18
620.07		91+00	618.42		618.24
620.13		+25	618.48		618.30
620.19		+50	618.54		618.36
620.25		+75	618.60		618.42
620.31		92+00	618.66		618.48
620.37		+25	618.72		618.54
620.43		+50	618.78		618.60
620.49		+75	618.84		618.66
620.55		93+00	618.90		618.72
620.61		+25	618.96		618.78
620.67		+50	619.02		618.84
620.73		+75	619.08		618.90
620.79		94+00	619.14		618.96
620.85		+25	619.20		619.02
620.91		+50	619.26		619.08
620.97		+75	619.32		619.14
621.03		95+00	619.38		619.20
621.09		+25	619.44		619.26
621.15		+50	619.50		619.32
621.21		+75	619.56		619.38
621.27		96+00	619.62		619.44
621.33		+25	619.68		619.50
621.39		+50	619.74		619.56
621.45		+75	619.80		619.62
621.51		97+00	619.86		619.68
621.57		+25	619.92		619.74
621.63		+50	619.98		619.80
621.69		+75	620.04		619.86
621.75		98+00	620.10		619.92
621.81		+25	620.16		619.98
621.87		+50	620.22		620.04
621.93		+75	620.28		620.10
621.99		99+00	620.34		620.16
622.05		+25	620.40		620.22
622.11		+50	620.46		620.28
622.17		+75	620.52		620.34
622.21	1.83	C.S. +90.70	620.56		620.38
622.22	1.78	100+14.70	620.62		620.44
622.17	1.67	+38.70	620.68		620.50
622.04	1.49	+62.70	620.73		620.55
621.85	1.24	+86.70	620.79		620.61
621.58	.91	101+10.70	620.85		620.67
621.31	.58	+34.70	620.91		620.73
621.11	.33	+58.70	620.96		620.78
620.99	.15	+82.70	621.02		620.84
620.94	.04	102+06.70	621.05		620.90
620.95	.00	S.T. +30.70	621.14	.18	620.95

137+37.89		D=3°-30'		152+00	
ELEV. AT LT. EDGE PAV'T	SUBT. FROM PROFILE ELEV.	STATION	PROFILE ELEV.	ADD TO RT. EDGE PAV'T	ELEV. AT RT. EDGE PAV'T
592.09		137+37.89	592.26		592.09
591.62		+62.89	591.67	.10	591.72
591.28		+87.89	591.39	.22	591.50
590.95		138+12.89	591.27	.45	591.40
590.70		+37.89	591.01	.67	591.32
590.50		+62.89	590.89	.79	591.29
590.34		+87.89	590.81	.92	591.28
590.29		139+00	590.79	1.00	591.29
590.27		+25	590.77		591.27
590.27		+50	590.77		591.27
590.26		+75	590.76		591.26
590.23		140+00	590.73		591.23
590.19		+25	590.69		591.19
590.14		+50	590.64		591.14
590.10		+75	590.60		591.10
590.08		141+00	590.58		591.08
590.07		+25	590.57		591.07
590.06		+50	590.56		591.06
590.04		+75	590.54		591.04
590.02		142+00	590.52		591.02
590.02		+25	590.52		591.02
590.02		+50	590.52		591.02
590.03		+75	590.53		591.03
590.03		143+00	590.53		591.03
590.04		+25	590.54		591.04
590.05		+50	590.55		591.05
590.06		+75	590.56		591.06
590.07		144+00	590.57		591.07
590.00		+25	590.50		591.00
589.95		+50	590.45		590.95
589.92		+75	590.42		590.92
589.85		145+00	590.35		590.85
589.68		+25	590.18		590.68
589.35		+50	589.85		590.35
588.91		+75	589.41		589.91
588.48		146+00	588.98		589.48
588.05		+25	588.55		589.05
587.61		+50	588.11		588.61
587.18		+75	587.58		588.18
586.75		147+00	587.25		587.75
586.32		+25	586.82		587.32
585.88		+50	586.38		586.88
585.47		+75	585.97		586.47
585.04		148+00	585.54		586.04
584.62		+25	585.12		585.62
584.19		+50	584.69		585.19
583.78		+75	584.28	1.00	584.78
583.50		149+00	583.99	.98	584.48
583.31		+25	583.75	.84	584.20
583.15		+50	583.57	.85	584.00
583.09		+60.93	583.50	.83	583.92
582.97		+85.93	583.37	.80	583.77
582.89		150+10.93	583.25	.72	583.61
582.88		+35.93	583.15	.55	583.43
582.89		+60.93	583.08	.38	583.27
582.91		+85.93	583.05	.28	583.17
582.93		151+10.93	583.05	.16	583.09
582.92		+25	583.05	.16	583.08
582.94		+50	583.08	.11	583.05
582.97		+75	583.13	.03	583.00
583.00		152+00	583.17	.00	583.00

TRANSIT. AT STATION	CHORD DEFLECT.	TRANSIT AT STATION	SUPER ELEV.	REMARKS	
87+19.13	0	0°-00'	102+30.70	0.00'	1 Beg. Trans.
87+43.13	24	0°-01'	102+06.70	0.04'	
87+67.13	24	0°-04'	101+82.70	0.15'	
87+91.13	24	0°-09'	101+58.70	0.33'	
88+15.13	24	0°-16'	101+34.70	0.58'	
88+39.13	24	0°-25'	101+10.70	0.91'	
88+63.13	24	0°-37'	100+86.70	1.24'	
88+87.13	24	0°-50'	100+62.70	1.49'	
89+11.13	24	1°-05'	100+38.70	1.67'	
89+35.13	24	1°-23'	100+14.70	1.78'	
89+59.13	24	1°-42'	99+90.70	1.82'	1 End Trans.

EMBANKMENT: Watering Embankments, Density Requirements and Benching, as referred to in Sec. E-1.05 of the general specifications will not be required on this project except between Sta. 88+50 and Sta. 102+30 and between Sta. 126+50 and Sta. 139+50.

SHOULDERS & SLOPES: Item E-1, Roadway Excavation and Item E-4, Borrow shall include the thorough compaction of Earthwork and the final operations of grading necessary to finish the Shoulders and Slopes to approximately the lines indicated on the Typical Sections. The use of template and fine hand grading will not be required.

TRAFFIC NOTE

The highway shall be closed to traffic during the period at construction between Sta. 88+50 and Sta. 102+30.7, also between Sta. 126+50 and Sta. 139+50 during which time a detour will be provided as shown on plans and estimates. Construction between these stations shall be completed as rapidly as possible and the highway re-opened to traffic. During construction of the remaining sections, one-way traffic shall be maintained at all times with suitable lights, signs, barricades, and watchman.

FORMS: Side forms set to line and grade established by the Engineer will be required.

PRIME COAT: The necessity for using prime coat, Item T-30 will be determined by the Engineer. The contractor shall not order materials for this item until specifically directed by the engineer.

SANDING: Bituminous Prime Coat, Item T-30 of Bituminous Material, Sec. M-5.12, A, E, 3 shall be applied by distributor or brooms at the rate of 0.15 gal. per Sq. Yd. and sand cover uniformly spread at the rate of from 4 to 7 lbs. per Sq. Yd. After the Bituminous Material is applied, all material not required to give a uniform coating to the surface shall be swept into all cracks and open joints before the sand cover is placed. (Payment for sand cover is included in price bid per gallon for Bituminous Material.)

COMPACTION OF SUBGRADE: Loosening and watering of subgrade in cuts according to Sec. E-1.11 will not be required, if density requirements can be met by additional rolling except between Sta. 88+50 and Sta. 102+30 and between Sta. 126+50 and Sta. 139+50.

EARTHWORK: All suitable material resulting from Roadway Excavation (unclassified) shall be used to construct the Roadway Shoulders as indicated on the Typical Section.

PROFILE: The profile of the resurfaced pavement shall be approximately 2" above that of the existing pavement.

Superelevated curves shall be built without crown. The crown shall be worked out of the pavement in that portion between the beginning of the transition and the point where the superelevation equals twice the crown. Where existing pavement is superelevated at curves, the material used for this purpose shall be B-35 leveling course and shall be laid in courses not to exceed 3" in depth.