SUPERELEVATION TABLES

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-1103 (19)	

30-5
312

LAKE COUNTY
LAK 1-2.16

SOUTHBOUND LANE				Station	NORTHBOUND LANE			
Elevation 126.5' Lt. ℄	Elevation 114.5' Lt. ℄	Elevation 102.5' Lt. ℄	Elevation 90.5' Lt. ℄		Elevation 90.5' Rt. ℄	Elevation 102.5' Rt. ℄	Elevation 114.5' Rt. ℄	Elevation 126.5' Rt. ℄
750.89	750.70	750.51	750.32	114+00	743.92	743.73	743.54	743.35
750.42	750.23	750.04	749.85	+25	743.42	743.23	743.04	742.85
749.94	749.75	749.56	749.37	+50	742.92	742.73	742.54	742.36
749.47	749.28	749.09	748.90	+75	742.42	742.23	742.04	741.85
748.99	748.80	748.61	748.42	115+00	741.92	741.73	741.54	741.35
748.52	748.33	748.14	747.95	+25	741.42	741.23	741.04	740.85
748.04	747.85	747.66	747.47	+50	740.92	740.73	740.54	740.35
747.57	747.38	747.19	747.00	+75	740.42	740.23	740.04	739.85
747.09	746.90	746.71	746.52	116+00	739.92	739.73	739.54	739.35
746.62	746.43	746.24	746.05	+25	739.92	739.23	739.04	738.85
746.14	745.95	745.76	745.57	+50	738.92	738.73	738.54	738.35
745.67	745.48	745.29	745.10	+75	738.42	738.23	738.04	737.85
745.19	745.00	744.81	744.62	117+00	737.92	737.73	737.54	737.35
744.72	744.53	744.34	744.15	+25	737.42	737.23	737.04	736.85
744.24	744.05	743.86	743.67	+50	736.92	736.73	736.54	736.35
743.77	743.58	743.39	743.20	+75	736.42	736.23	736.04	735.85
743.29	743.10	742.91	742.72	118+00	735.92	735.73	735.54	735.35
742.82	742.63	742.44	742.25	+25	735.42	735.23	735.04	734.85
742.34	742.15	741.96	741.77	+50	734.92	734.73	734.54	734.35
741.87	741.68	741.49	741.30	+75	734.42	734.23	734.04	733.85
741.39	741.20	741.01	740.82	119+00	733.92	733.73	733.54	733.35
740.92	740.73	740.54	740.35	+25	733.42	733.23	733.04	732.85
740.44	740.25	740.06	739.87	+50	732.92	732.73	732.54	732.35
739.97	739.78	739.59	739.40	+75	732.42	732.23	732.04	731.85
739.49	739.30	739.11	738.92	120+00	731.92	731.73	731.54	731.35
739.02	738.83	738.64	738.45	+25	731.42	731.23	731.04	730.85
738.54	738.35	738.16	737.97	+50	730.92	730.73	730.54	730.35
738.07	737.88	737.69	737.50	+75	730.43	730.24	730.05	729.86
737.59	737.40	737.21	737.02	121+00	729.95	729.76	729.57	729.38
737.12	736.93	736.74	736.55	+25	729.49	729.30	729.11	728.92
736.64	736.45	736.26	736.07	+50	729.05	728.86	728.67	728.48
736.17	735.98	735.79	735.60	+75	728.62	728.43	728.24	728.05
735.69	735.50	735.31	735.12	122+00	728.20	728.01	727.82	727.63
735.22	735.03	734.84	734.65	+25	727.80	727.61	727.42	727.23
734.74	734.55	734.36	734.17	+50	727.42	727.23	727.04	726.85
734.27	734.08	733.89	733.70	+75	727.06	726.87	726.68	726.49
733.79	733.60	733.41	733.22	123+00	726.70	726.51	726.32	726.13
733.32	733.13	732.94	732.75	+25	726.37	726.18	725.99	725.80
732.84	732.65	732.46	732.27	+50	726.05	725.86	725.67	725.48
732.37	732.18	731.99	731.80	+75	725.75	725.56	725.37	725.18
731.89	731.70	731.51	731.32	124+00	725.45	725.26	725.07	724.88
731.42	731.23	731.04	730.85	+25	725.19	725.00	724.81	724.62
730.94	730.75	730.56	730.37	+50	Offset to 90.5' Rt. ℄ = 0.00	724.92	724.73	724.54	724.35
730.47	730.28	730.09	729.90	+75	90.91	724.67	724.49	724.30	724.11
729.99	729.80	729.61	729.42	125+00	91.16	724.44	724.26	724.07	723.88
729.52	729.33	729.14	728.95	+25	91.41	724.23	724.06	723.87	723.68
729.04	728.85	728.66	728.47	+50	91.66	724.03	723.86	723.67	723.48
728.57	728.38	728.19	728.00	+75	91.91	723.85	723.68	723.49	723.30
728.09	727.90	727.71	727.52	126+00	92.16	723.67	723.51	723.32	723.13
727.62	727.43	727.24	727.05	+25	92.41	723.53	723.37	723.18	722.99
727.14	726.95	726.76	726.57	+50	92.66	723.38	723.23	723.04	722.85
726.67	726.48	726.29	726.10	+75	92.91	723.26	723.11	722.92	722.73
726.19	726.00	725.81	725.62	127+00	93.16	723.13	722.98	722.79	722.60
725.72	725.53	725.34	725.15	+25	93.41	723.05	722.86	722.67	722.48
725.24	725.05	724.86	724.67	+50	93.66	722.87	722.73	722.54	722.35
724.77	724.58	724.39	724.20	+75	93.91	722.74	722.61	722.42	722.23
724.29	724.10	723.91	723.72	128+00	94.16	722.61	722.48	722.29	722.10
723.75	723.56	723.44	723.25	+25	94.41	722.47	722.36	722.20	722.01
723.21	723.08	722.96	722.77	+50	94.66	722.31	722.23	722.10	721.91
722.68	722.58	722.49	722.30	+75	94.91	722.17	722.11	722.01	721.82

RAMP "C-D" S.R. # 91 INTERCHANGE							
Elevation Lt. Edge Pavement	Elevation Edge Pavt 4.5 Lt. ℄	Elev. Paved Shoulder 1.5' Lt. ℄	Profile Grade On ℄	Station	Elev. Paved Shoulder 1.5' Rt. ℄	Elevation Edge Pavt 4.5 Rt. ℄	Elevation Rt. Edge Pavement
751.73	751.61	751.61	751.60	5+23.01	751.60	751.60	751.61
751.72	751.61	751.61	751.59	+25	751.60	751.60	751.62
751.48	751.50	751.50	751.50	+50	751.52	751.56	751.67
751.07	751.27	751.32	751.34	+75	751.36	751.41	751.64
750.66	751.04	751.09	751.11	6+00	751.13	751.18	751.43
750.37	750.75	750.80	750.82	+25	750.84	750.89	751.14
750.02	750.40	750.45	750.47	+50	750.49	750.54	750.79
749.97	750.35	750.40	750.42	+53.13	750.44	750.49	750.75
749.55	749.97	750.03	750.05	+75	750.07	750.13	750.41
749.02	749.48	749.54	749.57	7+00	749.60	749.66	749.98
748.42	748.93	748.99	749.02	+25	749.05	749.11	749.43
747.89	747.35	747.41	748.44	+50	748.47	748.53	748.85
747.34	747.77	747.83	747.86	+75	747.89	747.95	748.27
747.03	747.46	747.51	747.54	+88.61	747.57	747.63	747.95
746.79	747.19	747.25	747.28	8+00	747.31	747.37	747.69
746.24	746.61	746.67	746.70	+25	746.73	746.79	747.11
745.66	746.03	746.09	746.12	+50	746.15	746.21	746.53
745.10	745.45	745.51	745.54	+75	745.57	745.63	745.95
744.53	744.87	744.93	744.96	9+00	744.99	745.05	745.37
744.46	744.80	744.86	744.89	+08.13	744.92	744.98	745.30
743.96	744.29	744.35	744.38	+25	744.41	744.47	744.79
743.38	743.71	743.77	743.80	+50	743.83	743.89	744.21
742.81	743.13	743.19	743.22	+75	743.25	743.31	743.63
742.23	742.55	742.61	742.64	10+00	742.67	742.73	743.05
741.65	741.97	742.03	742.06	+25	742.09	742.15	742.15
741.07	741.39	741.45	741.48	+49.98	741.51	741.57	741.90
740.49	740.81	740.87	740.90	+75	740.93	740.99	741.31
739.91	740.23	740.29	740.32	11+00	740.35	740.41	740.73
739.33	739.65	739.71	739.74	+25	739.77	739.83	740.15
738.75	739.07	739.13	739.16	+50	739.19	739.25	739.57
738.17	738.49	738.55	738.58	+75	738.61	738.67	738.99
737.59	737.91	737.97	738.00	12+00	738.03	738.09	738.41
737.01	737.33	737.39	737.42	+25	737.45	737.51	737.83
736.43	736.75	736.81	736.84	+50	736.87	736.93	737.25
735.85	736.17	736.23	736.26	+75	736.29	736.35	736.67
735.27	735.59	735.65	735.68	13+00	735.71	735.77	736.09
735.69	735.01	735.07	735.10	+25	735.13	735.19	735.51
734.11	734.43	734.39	734.52	+50	734.55	734.61	734.93
733.65	733.97	734.03	734.06	+69.70	734.09	734.15	734.47

SOUTHBOUND LANE				Station	NORTHBOUND LANE				
Elevation 126.5' Lt. ℄	Elevation 114.5' Lt. ℄	Elevation 102.5' Lt. ℄	Elevation 90.5' Lt. ℄		Offset ℄ Elev. Rt. ℄		Elevation 102.5' Rt. ℄	Elevation 114.5' Rt. ℄	Elevation 126.5' Rt. ℄
722.14	722.08	722.01	721.82	129+00	95.16	722.02	721.98	721.92	721.73
721.60	721.57	721.54	721.35	+25	95.41	721.88	721.86	721.83	721.64
721.06	721.06	721.06	720.87	+50	95.66	721.73	721.73	721.73	721.54
720.53	720.56	720.59	720.40	+75	95.91	721.59	721.61	721.64	721.45
719.99	720.05	720.11	719.92	130+00	96.16	721.45	721.48	721.54	721.35
719.46	719.55	719.64	719.45	+25	96.41	721.31	721.36	721.45	721.26
718.91	719.04	719.16	718.97	+50	96.66	721.17	721.23	721.36	721.17
718.38	718.53	718.69	718.50	+75	96.91	721.04	721.11	721.27	721.08
717.84	718.03	718.21	718.02	131+00	97.16	720.90	720.98	721.17	720.98
717.75	717.94	718.13	717.94	+04	97.20	720.88	720.96	721.15	720.96

RAMP "C" S.R. # 91 INTERCHANGE		
Station	P.G. On ℄	Elevation Rt. Edge Pavement
3+69.70	733.65	733.97
+75	733.53	733.86
4+00	732.95	733.35
+25	732.37	732.83
+50	731.79	732.31
+75	731.21	731.80
5+00	730.63	731.28
+25	730.05	730.77
+50	729.47	730.25
+75	728.89	729.73
6+00	728.31	729.22
+19.70	727.85	728.81
+25	727.73	728.69
+50	727.15	728.11
+75	726.58	727.54
7+00	726.05	727.01
+25	725.58	726.54
+50	725.15	726.11
+75	724.78	726.74
8+00	724.25	725.41
+25	724.18	725.14
+50	723.95	724.92
+75	723.78	724.74
+98.98	723.67	724.63
9+00	723.65	724.59
+25	723.58	724.45
+50	723.55	724.35
+75	723.58	724.31
10+00	723.65	724.31
+25	723.78	724.37
+50	723.95	723.47
+75	724.18	724.58
11+00	724.45	724.82
+25	724.78	725.11
+43.98	725.06	725.34

RAMP "D" S.R. # 91 INTERCHANGE		
Station	P.G. On ℄	Elevation Lt. Edge Pavement
13+69.70	734.47	734.14
+75	734.35	734.08
14+00	733.77	733.48
+25	733.19	732.84
+50	732.61	732.60
+75	732.03	731.84
15+00	731.45	731.20
+25	730.87	730.74
+50	730.29	730.20
+75	729.71	729.65
16+00	729.13	729.10
+19.70	728.67	728.67
+25	728.55	728.56
+50	727.97	728.04
+75	727.39	727.49
17+00	726.81	726.96
+14.47	726.48	726.65
+25	726.25	726.44
+50	725.71	725.85
+75	725.18	725.47
18+00	724.68	725.01
+25	724.19	724.57
+50	723.73	724.16
+75	723.28	723.75
19+00	722.86	723.38
+25	722.45	723.01
+50	722.06	722.68
+64.47	721.88	722.52
+75	721.70	722.34
20+00	721.35	721.98
+25	721.02	721.66
+50	720.71	721.35
+75	720.42	721.06
21+00	720.15	720.78
+25	719.90	720.54
+50	719.66	720.30
+75	719.45	720.08
22+00	719.26	719.90
+25	719.09	719.73
+50	718.93	719.57
+75	718.80	719.44
+90.60	718.69	719.33
23+25	718.59	719.19
+50	718.52	16' Lt. ℄ = 719.08 18' Lt. ℄ = 719.11
+75	718.46	719.01
24+00	718.38	718.89
+25	718.33	718.77
+50	718.27	718.69
+75	718.26	718.69
25+00	718.18	718.51
+25	718.10	718.38
+49.60	718.00	718.25
+75	717.89	718.14
26+00	717.78	718.02
+25	717.69	717.93
+50	717.59	717.83
+75	717.49	717.73
27+00	717.40	717.64
+25	717.32	717.54
+50	717.23	717.46
+75	717.14	717.37
28+00	717.04	717.26
+25	716.94	717.16
+49.60	716.84	717.06

OFFSETS & ELEVATIONS FOR TRANSITIONS FROM 6 LANES TO 4 LANES

Station	Offset & Elevation from ℄ Survey to Inside Edge Pavt	Elevation 102.5 from ℄ Survey	Elevation 114.5 from ℄ Survey	Elevation 126.5 from ℄ Survey
NORTHBOUND LANES				
131+25	97.41	720.78	721.05	720.86
+50	97.66	720.65	720.73	720.92
+75	97.91	720.54	720.61	720.80
132+00	98.16	720.41	720.48	720.67
+25	98.41	720.30	720.36	720.55
+50	98.66	720.17	720.23	720.42
+75	98.91	720.05	720.11	720.30
133+00	99.16	719.93	719.98	720.17
+25	99.41	719.81	719.86	720.05
+50	99.66	719.69	719.73	719.92
+75	99.91	719.57	719.61	719.80
134+00	100.16	719.44	719.48	719.67
+25	100.41	719.33	719.36	719.55
+50	100.66	719.20	719.23	719.42
+75	100.91	719.09	719.11	719.30
135+00	101.16	718.96	718.98	719.17
+25	101.41	718.84	718.86	719.05
+50	101.66	718.72	718.73	718.92
+75	101.91	718.60	718.61	718.80
136+00	102.16	718.47	718.48	718.67
+25	102.41	718.36	718.36	718.55
+34			718.32	718.51
SOUTHBOUND LANES				
132+50	90.50	715.17	715.36	715.17
+75	91.70	714.67	714.86	714.69
133+00	92.90	714.18	714.38	714.22
+25	94.10	713.72	713.85	713.77
+50	95.30	713.25	713.36	713.32
+75	96.50	712.87	712.96	712.96
134+00	97.70	712.37	712.45	712.49
+25	98.90	711.96	712.02	712.10
+50	100.10	711.56	711.60	711.71
+75	101.30	711.18	711.20	711.35
135+00			710.81	711.00

REVISIONS	3-22-60	Ramp C-D Grade Raise for 16'-4" Br. Cl.	

MICHAEL BAKER, JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. 1
C-43
SUPERELEVATION TABLES

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
B.P.	K.A.	K.A.	R.E.F.		

This Sheet Supersedes Sheet No 30
4-6-60 R.E.C.