

Horizontal and Vertical Curve Data (NORTHBOUND LANES)

Does not meet KYTC Standards

STRUCTURE NAME	APPR. Station P.V.I. OR P.I.	APPR. M.P.	Grade			Vertical Length of Curve			Horizontal Radius of Curve ¹	Clear Zone ADT over 6000		VERTICAL CURVE TYPE	Superelevation fmax = 0.1	CALCULATED
			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
Jefferson Co. (Begin at MP 0.000) STA. 327+28.51														
	327+28.51	0.000								20	20			
	333+00.00	0.108	-0.500	0.359	0.859	96	466	400		20	20	S		
	356+00.00	0.544	0.359	-0.400	0.759	84	659	500		20	20	C		
	360+37.26	0.627							5729.6	20	20		2.8	105
	382+50.00	1.046	-0.400	0.300	0.700	96	857	600		20	20	S		
	393+55.00	1.255	0.300	-0.300	0.600	84	1000	600		20	20	C		
	404+00.00	1.453	-0.300	0.800	1.100	96	364	400		20	20	S		
	413+08.45	1.625							11459.2	20	20		2.00	144
	420+00.00	1.756	0.800	-0.540	1.340	84	373	500		20	20	C		
	444+08.00	2.212	-0.540	0.500	1.040	96	385	400		20	20	S		
	450+50.00	2.334	0.500	-0.500	1.000	84	400	400		20	20	C		
	654+00.00	6.188	-0.500	0.500	1.000	96	400	400		20	20	S		
	464+50.00	2.599	0.500	-0.500	1.000	84	400	400		20	20	C		
	471+00.00	2.722	-0.500	0.500	1.000	96	400	400		20	20	S		
	485+00.00	2.987	0.500	-0.500	1.000	84	400	400		20	20	C		
	499+00.00	3.252	-0.500	0.518	1.018	96	393	400		20	20	S		
	516+00.00	3.574	0.518	1.800	1.282	96	273	350		20	20	S		
	563+37.71	4.471							5371.5	20	20		3.00	102
	586+00.00	4.900	1.200	3.835	2.635	96	152	400		20	20	S		
	594+50.00	5.061	3.835	-2.000	5.835	84	171	1000		20	20	C		
FROM I-264, STA. BEGIN AT 50+00														
	066+00.00	5.395	3.462	0.540	2.922	84	171	500		20	20	S		
	075+38.56	5.572							1909.9	20	20		8.30	72
	081+00.00	5.679	0.540	-2.640	3.180	84	314	1000		20	20	C		
	091+00.00	5.868	-2.640	-0.680	1.960	96	204	400		20	20	S		
	099+88.38	6.036							2864.8	20	20		5.50	82
	102+50.00	6.086	-0.680	1.710	2.390	96	209	500		20	20	S		
	126+50.00	6.540	1.710	-1.650	3.360	84	446	1500		20	20	C		
	135+38.62	6.709							5729.6	20	20		2.80	105
	145+50.00	6.900	-1.650	3.000	4.650	96	194	900		20	20	S		
	167+50.00	7.317	3.000	-1.000	4.000	84	400	1600		20	20	C		
	167+99.30	7.326							2864.8	20	20		5.50	82
	189+50.00	7.734	-0.760	1.480	2.240	96	223	500		20	20	S		
	203+50.00	7.999	1.480	-1.770	3.250	84	431	1400		20	20	C		
	221+00.00	8.330	-1.770	3.000	4.770	96	189	900		20	20	S		
	235+00.00	8.595	3.000	0.800	2.200	84	455	1000		20	20	S		
	274+34.34	9.340							7639.4	20	20		2.00	117
	277+00.00	9.391	0.800	-0.800	1.600	84	625	1000		20	20	C		
	291+00.00	9.656	-0.800	1.400	2.200	96	273	600		20	20	S		

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			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
	734+00.00	18.015	-3.870	2.440	6.310	96	158	1000		20	20	S		
	747+52.95	18.272							7639.4	20	20		2.00	117
	750+00.00	18.319	2.440	-0.600	3.040	84	329	1000		20	20	C		
KY 393 BRIDGE	760+44.26	18.494												
	764+50.00	18.571	-0.600	0.600	1.200	96	333	400		20	20	S		
	794+00.00	19.130	0.600	1.000	0.400	96	1000	400		20	20	S		
	804+00.00	19.319	1.000	0.510	0.490	84	816	400		20	20	C		
	812+00.00	19.470	0.510	1.000	0.490	96	816	400		20	20	S		
	840+00.00	20.001	1.000	-2.923	3.923	84	280	1100		20	20	C		
	847+32.11	20.139							11459.2	20	20		2.00	144
	853+50.00	20.256	-2.923	1.200	4.123	96	170	700		20	20	S		
	869+00.00	20.550	1.200	-2.000	3.200	84	313	1000		20	20	C		
	879+00.00	20.739	-2.000	1.000	3.000	96	133	400		20	20	S		
	886+00.00	20.872	1.000	-1.000	2.000	84	300	600		20	20	C		
	892+50.00	20.995	-1.000	2.737	3.737	96	161	600		20	20	S		
	898+81.00	21.115							11459.2	20	20		2.00	144
	903+00.00	21.194	2.737	-2.000	4.737	84	274	1300		20	20	C		
	914+00.00	21.402	-2.000	2.240	4.240	96	165	700		20	20	S		
	923+00.00	21.573	2.240	-0.500	2.740	84	292	800		20	20	C		
KY 53 BRIDGE	937+11.55	21.828												
	945+00.00	21.977	-0.500	2.950	3.450	181	290	1000		30	20	S		
	965+50.00	22.366	2.950	-2.000	4.950	247	283	1400		30	20	C		
	973+16.48	22.511							11459.2	30	20		2.00	144
	977+00.00	22.583	-2.000	3.000	5.000	181	160	800		30	20	S		
	992+00.00	22.867	3.000	1.930	1.070	247	374	400		30	20	C		
	1008+00.00	23.171	1.930	1.450	0.480	247	833	400		30	20	C		
KY 712 BRIDGE	1012+37.45	23.253												
	1033+00.00	23.644	1.450	-3.000	4.450	247	360	1600		30	20	C		
	1078+00.00	24.496	-3.000	1.560	4.560	181	154	700		30	20	S		
	1079+33.03	24.521							11459.2	30	20		2.00	144
Henry Co. (Begin at MP 24.727)														
	1091+82.20	24.727												
	1093+50.00	24.759	1.560	-0.600	2.160	247	324	700		30	20	C		
	1109+50.00	25.062	-0.600	3.000	3.600	181	167	600		30	20	S		
	1122+25.00	25.303	3.000	-3.900	6.900	247	261	1800		30	20	C		
	1136+25.00	25.568	-3.900	2.670	6.570	181	152	1000		30	20	S		
	1149+50.00	25.819	2.670	-3.000	5.670	247	265	1500		30	20	C		

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			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
KY 3320 BRIDGE	1154+91.56	25.922												
	1166+00.00	26.132	-3.000	2.900	5.900	181	153	900		30	20	S		
	1168+31.54	26.176							8594.4	30	20		2.00	124
	1192+00.00	26.624	2.900	-1.040	3.940	247	279	1100		30	20	C		
KY 146, LAGRANGE RD. BRIDGE	1200+00.00	26.776	-1.040	0.520	1.560	181	256	400		30	20	S		
	1212+16.58	27.006												
	1224+65.79	27.243							3819.7	30	20		4.20	90
KY 153 BRIDGE	1245+50.00	27.638	0.520	-3.000	3.520	247	284	1000		30	20	C		
	1245+93.08	27.646												
LITTLE KENTUCKY RIVER BRIDGE	1269+38.00	28.090	-3.000	3.000	6.000	181	150	900		30	20	S		
	1270+48.24	28.111												
	1287+50.00	28.433	3.000	-0.680	3.680	247	272	1000		30	20	C		
	1299+50.00	28.660	-0.680	3.000	3.680	181	217	800		30	20	S		
	1322+50.00	29.096	3.000	-2.940	5.940	247	269	1600		30	20	C		
KY 1606 BRIDGE	1333+80.24	29.310							5729.6	30	20		2.80	105
	1346+00.00	29.541	-2.940	-4.000	1.060	247	943	1000		30	20	S		
	1359+25.00	29.792	-4.000	3.000	7.000	181	143	1000		30	20	S		
	1362+65.13	29.856												
	1390+50.00	30.384	3.000	-0.500	3.500	247	286	1000		30	20	C		
	1400+17.60	30.567							11459.2	30	20		2.00	144
KY 157 BRIDGE	1403+00.00	30.621	-0.500	0.500	1.000	181	800	800		30	20	S		
	1415+90.53	30.961												
	1416+50.00	30.972	0.500	-2.220	2.720	247	368	1000		30	20	C		
	1431+00.00	31.247	-2.220	-1.530	0.690	181	1159	800		30	20	S		
	1450+00.00	31.607	-1.530	3.000	4.530	181	177	800		30	20	S		
CSX RAILROAD BRIDGE	1466+00.00	31.910	3.000	-3.920	6.920	247	260	1800		30	20	C		
	1469+17.01	31.970							11459.2	30	20		2.00	144
	1481+25.00	32.199	-3.920	-0.560	3.360	181	238	800		30	20	S		
	1490+00.00	32.364												
	1495+50.00	32.468	-0.560	3.000	3.560	181	225	800		30	20	S		
US 421 BRIDGE	1523+50.00	32.999	3.560	0.700	2.860	247	280	800		30	20	C		
	1539+00.00	33.292	0.700	-1.600	2.300	247	826	1900		30	20	C		
	1542+03.91	33.350												
	1558+00.00	33.652	-1.600	1.800	3.400	181	235	800		30	20	S		
	1559+96.85	33.689							5729.6	30	20		2.80	105
US 421 BRIDGE	1571+50.00	33.908	1.800	-3.000	4.800	247	333	1600		30	20	C		
	1584+50.00	34.154	-3.000	3.000	6.000	181	150	900		30	20	S		
	1600+50.00	34.457	3.000	-3.000	6.000	247	267	1600		30	20	C		
	1619+50.00	34.817	-3.000	2.420	5.420	181	221	1200		30	20	S		
	1632+50.00	35.063	2.420	0.500	1.920	247	521	1000		30	20	C		

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			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)	Actual (ft)	Minimum (ft)	Actual (ft)	Sag or Crest	e (ft/ft)	V mph
	1649+00.00	35.376	0.500	-2.500	3.000	247	467	1400		30	20	C		
	1651+02.60	35.414							11459.2	30	20		2.00	144
	1668+75.00	35.750	-2.500	1.800	4.300	181	186	800		30	20	S		
JONES LANE CULVERT	1671+12.45	35.820												
	1694+00.00	36.253	1.800	-3.000	4.800	247	333	1600		30	20	C		
	1706+68.61	36.494							11459.2	30	20		2.00	144
	1715+50.00	36.660	-3.000	2.700	5.700	181	158	900		30	20	S		
	1730+00.00	36.935	2.700	0.800	1.900	247	632	1200		30	20	C		
KY 55 BRIDGE	1743+78.98	37.196												
	1749+00.00	37.295	0.800	-2.500	3.300	247	364	1200		30	20	C		
	1770+00.00	37.693	-2.500	3.000	5.500	181	145	800		30	20	S		
										30	20			
Trimble Co. (Begin at MP 38.086)														
	1789+02.00	38.086												
	1789+25.00	38.090	3.000	-3.000	6.000	247	267	1600		30	20	C		
	1790+19.00	38.108							11459.2	30	20		2.00	144
	1803+00.00	38.351	-3.000	-4.000	1.000	247	800	800		30	20	C		
Carroll Co. (Begin at MP 38.808) STA. 1840+56.61														
	1840+56.61	38.808												
	1848+97.00	38.947							2291.8	30	20		6.90	76
	1866+00.00	39.270	-4.000	-3.000	1.000	181	400	400		30	20	S		
	1866+89.00	39.287							2864.8	30	20		5.50	82
MILL CREEK BRIDGE	1869+81.64	39.342												
	1874+00.00	39.421	-3.000	-0.500	2.500	181	160	400		30	20	S		
MILL CREEK BRIDGE	1877+04.51	39.479												
	1885+00.00	39.630	-0.500	-2.250	1.750	181	229	400		30	20	C		
	1888+72.00	39.700							1909.9	30	20		8.30	72
	1895+00.00	39.819	-2.250	-0.850	1.400	181	286	400		30	20	S		
	1905+15.00	40.011							1909.9	30	20		8.30	72
	1916+00.00	40.217	-0.850	-1.600	0.750	247	533	400		30	20	C		
	1922+62.00	40.342							1909.9	30	20		8.30	72
	1939+13.00	40.655							1909.9	30	20		8.30	72
	1947+00.00	40.804	-1.600	2.050	3.650	181	219	800		30	20	S		
	1954+54.00	40.947							1909.9	30	20		8.30	72
	1957+00.00	40.993	2.050	1.000	1.050	247	381	400		30	20	C		
	1968+00.00	41.202	1.000	-1.000	2.000	247	300	600		30	20	C		

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			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
WOODROW WILSON ROAD	1960+83.12	41.066												
	1992+00.00	41.656	-1.000	-0.300	0.700	181	571	400		30	20	S		
	2006+61.00	41.933							5729.6	30	20		2.80	105
	2012+00.00	42.035	-0.300	0.880	1.180	181	339	400		30	20	S		
	2022+00.00	42.224	0.880	-1.000	1.880	247	319	600		30	20	C		
	2032+00.00	42.414	-1.000	0.500	1.500	181	267	400		30	20	S		
	2042+00.00	42.603	0.500	-0.500	1.000	247	400	400		30	20	C		
	2052+00.00	42.793	-0.500	0.500	1.000	181	400	400		30	20	S		
KY 389 BRIDGE	2052+50.00	42.802												
	2063+50.00	43.010	0.500	-0.500	1.000	247	400	400		30	20	C		
	2074+50.00	43.219	-0.500	0.500	1.000	181	400	400		30	20	S		
	2088+16.00	43.477							3819.7	30	20		4.20	90
GREENS BOTTOM RD.	2096+03.35	43.626												
	2109+50.00	43.882	0.500	0.800	0.300	181	1333	400		30	20	S		
	2115+85.00	44.002	0.800	-0.800	1.600	247	500	800		30	20	C		
KY RIVER BRIDGE	2116+00.00	44.005												
	2125+28.00	44.180							1909.9	30	20		8.30	72
CSX RAILROAD BRIDGE	2132+70.57	44.321												
KY 227 BRIDGE	2133+25.34	44.315												
	2136+00.00	44.367	-0.800	0.500	1.300	181	308	400		30	20	S		
	2155+00.00	44.727	0.500	4.000	3.500	181	171	600		30	20	S		
	2169+68.00	45.005							2864.8	30	20		5.50	82
	2208+00.00	45.731	4.000	-0.500	4.500	247	267	1200		30	20	C		
	2218+25.00	46.292	-0.500	-4.000	3.500	247	272	951.32		30	20	C		
	2219+48.00	46.315							2864.8	30	20		5.50	82
	2245+87.50	46.815	-4.000	4.000	8.000	181	153	1225		30	20	S		
KY 1112 BRIDGE	2249+00.00	46.874												
	2264+70.00	47.171							2864.8	30	20		5.50	82
	2278+50.00	47.433	4.000	3.000	1.000	247	400	400		30	20	C		
	2309+49.00	48.020							7639.4	30	20		2.00	117
	2328+50.00	48.380	3.000	-2.960	5.960	247	268	1600		30	20	C		
KY 36 BRIDGE	2359+00.00	48.957	-2.960	2.750	5.710	181	158	900		30	20	S		
	2363+88.97	49.050												
	2374+00.00	49.241	2.750	1.030	1.720	247	349	600		30	20	C		
	2389+50.00	49.535	1.030	2.050	1.020	181	392	400		30	20	S		
	2409+56.00	49.915							5729.6	30	20		2.80	105
	2414+50.00	50.009	2.050	-3.000	5.050	247	297	1500		30	20	C		
	2436+00.00	50.416	-3.000	0.500	3.500	181	171	600		30	20	S		
CHENT-EAGLE STATION RD.	2447+05.93	50.625												
	2455+18.00	50.779							2864.8	30	20		5.50	82

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			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
	2457+25.00	50.818	0.500	-1.770	2.270	247	330	750		30	20	C		
	2478+00.00	51.211	-1.770	-1.380	0.390	181	1026	400		30	20	S		
	2489+00.00	51.420	-1.380	-2.000	0.620	247	968	600		30	20	C		
	2518+37.00	51.976							7639.4	30	20		2.00	117
	2533+50.00	52.262	-2.000	2.940	4.940	181	162	800		30	20	S		
	2558+00.00	52.726	2.940	-4.000	6.940	247	274	1900		30	20	C		
Gallatin Co. (Begin at MP 53.433) STA. 2593+61.00														
	2593+61.61	53.433												
	2595+00.00	53.459	-4.000	1.230	5.230	181	153	800		30	20	S		
KY 47 BRIDGE	2595+24.35	53.464												
	2606+00.00	53.668	1.230	-1.500	2.730	247	275	750		30	20	C		
	2616+00.00	53.857	-1.500	3.000	4.500	181	156	700		30	20	S		
	2622+89.00	53.988							7639.4	30	20		2.00	117
	2637+50.00	54.264	3.000	-1.340	4.340	247	276	1200		30	20	C		
	2651+00.00	54.520	-1.340	1.600	2.940	181	204	600		30	20	S		
	2664+50.00	54.776	1.600	-0.860	2.460	247	285	700		30	20	C		
KY 1039 BRIDGE	2675+29.16	54.980												
	2687+50.00	55.211	-0.860	1.080	1.940	181	309	600		30	20	S		
	2718+50.00	55.798	1.080	4.000	2.920	181	205	600		30	20	S		
	2744+00.00	56.281	4.000	-1.040	5.040	247	278	1400		30	20	C		
KY 35 BRIDGE	2765+32.54	56.673												
	2770+00.00	56.762	-1.040	-2.720	1.680	247	357	600		30	20	C		
	2780+00.00	56.951	-2.720	3.000	5.720	181	210	1200		30	20	S		
	2781+25.00	56.975							11459.2	30	20		2.00	144
	2807+69.00	57.746							5729.6	30	20		2.80	105
	2808+00.00	57.752	3.000	1.160	1.840	247	435	800		30	20	C		
	2846+50.00	58.481	1.160	-5.200	6.360	247	252	1600		30	20	C		
	2861+80.00	58.771							1909.9	30	20		8.30	72
	2868+50.00	58.898	-3.200	0.560	3.760	181	319	1200		30	20	S		
	2894+00.00	59.381	0.560	-4.000	4.560	247	351	1600		30	20	C		
KY 465 BRIDGE	2896+34.57	59.425												
	2908+50.00	59.655	-4.000	2.600	6.600	181	197	1300		30	20	S		
	2935+35.00	60.164							4583.7	30	20		3.50	96
	2944+00.00	60.328	2.600	-3.000	5.600	247	321	1800		30	20	C		
KY 455 BRIDGE	2945+57.70	60.357												
	2966+50.00	60.754	-3.000	3.000	6.000	181	200	1200		30	20	S		
	2982+00.00	61.047	3.000	-4.000	7.000	247	271	1900		30	20	C		
	2982+86.00	61.064							2864.8	30	20		5.50	82

Horizontal and Vertical Curve Data (NORTHBOUND LANES)

Does not meet KYTC Standards

STRUCTURE NAME	APPR. Station P.V.I. OR P.I.	APPR. M.P.	Grade			Vertical Length of Curve			Horizontal Radius of Curve ¹	Clear Zone ADT over 6000		VERTICAL CURVE TYPE	Superelevation fmax = 0.1	CALCULATED
			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
	3458+50.00	70.085	-1.780	2.900	4.680	181	150	700		30	20	S		
	3477+00.00	70.436	2.900	-2.150	5.050	247	277	1400		30	20	C		
	3481+71.00	70.525							4583.7	30	20		3.50	96
	3511+00.00	71.079	-2.150	2.930	5.080	181	197	1000		30	20			
	3531+86.00	71.475							11459.2	30	20	S	2.00	144
	3539+00.00	71.610	2.930	1.610	1.320	247	379	500		30	20	C		
	3565+00.00	72.102	1.610	-1.820	3.430	247	466	1600		30	20	C		
KY 14 BRIDGE	3563+94.12	72.082												
	3584+23.00	72.466							22918.3	30	20		N.C.	
	3629+52.00	73.324							11459.2	30	20		2.00	144
	3632+00.00	73.371	-1.820	-3.120	1.300	247	462	600		30	20	C		
	3644+50.00	73.608	-3.120	4.000	7.120	181	140	1000		30	20	S		
MCCOY'S FORK,CULVERT	3645+63.87	73.629												
	3658+71.00	73.877							22918.3	30	20		N.C.	
	3674+25.00	74.171	4.000	1.000	3.000	247	350	1050		30	20	C		
	3693+31.00	74.541							5729.6	30	20		2.00	102
	3746+50.00	75.549	1.000	-1.200	2.200	247	682	1500		30	20	C		
KY 1292 BRIDGE	3778+51.44	76.155												
	3783+75.00	76.254	-1.200	2.240	3.440	181	189	650		30	20	S		
	3805+00.00	76.657	2.240	-0.780	3.020	247	265	800		30	20	C		
I-75 BRIDGE	3805+66.79	76.669												
	3809+62.00	76.744							2864.8	30	20		5.50	82
	3827+25.00	77.078							1637.0	30	20		8.10	67
	3846+50.00	77.443	-0.780	-0.500	0.280	181	1071	300		30	20	S		

Horizontal and Vertical Curve Data (SOUTHBOUND LANES)

Notes: 1) The minimum horizontal radius of the curve is 1810' for rural areas and 758' for urban areas.

Structure Name	Station P.V.I. OR P.I.	APPR. M.P.	Grade			Vertical Length of Curve			Horizontal Radius of Curve ¹	Clear Zone ADT over 6000		VERTICAL CURVE TYPE	Superelevation fmax = 0.1	V mph
			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
Oldham Co. (Begin at MP 11.315)														
	378+59.97	11.315												
	394+06.00	11.608							5729.580	20	20	C	2.8	104.9
	395+00.00	11.626	1.440	-2.954	4.394	84	273	1200		20	20			
MOSER FARM-HITT LN. BRIDGE	402+64.23	11.770												
	405+00.00	11.815	-2.954	0.804	3.758	96	106	400		20	20	S		
	416+00.00	12.023	0.804	-3.000	3.804	84	263	1000		20	20	C		
	445+00.00	12.573	-3.000	4.000	7.000	96	157	1100		20	20	S		
	448+32.00	12.635							2864.780	20	20		5.5	81.6
	467+00.00	12.989	4.000	-2.964	6.964	84	258	1800		20	20	C		
	479+55.88	13.227							5729.580	20	20		2.8	104.9
483+00BK = 482+66.74AH	483+00.00	13.292												
	482+66.74	13.292												
	493+50.00	13.497	-2.964	4.000	6.964	96	158	1100		20	20	S		
	508+99.00	13.791							5729.580	20	20		2.8	104.9
SOUTH FORK HARRODS CREEK,CULVERT	491+00.00	13.450												
	524+00.00	14.075	4.000	-1.682	5.682	84	264	1500		20	20	C		
	553+00.00	14.624	-1.682	3.000	4.682	96	149	700		20	20	S		
	572+55.00	14.994							5729.580	20	20		2.8	104.9
	716+20.00	17.709							5729.580	20	20		2.8	104.9
	739+00.00	18.141	-3.000	0.546	3.546	96	141	500		20	20	S		
	747+94.00	18.310							7639.440	20	20		2.0	117.3
	752+00.00	18.387	0.546	2.341	1.795	96	223	400		20	20	S		
KY 393 BRIDGE	762+25.36	18.450												
	763+00.00	18.464	2.341	-1.200	3.541	84	367	1300		20	20	C		
	808+77.00	19.331							7639.440	20	20		2.0	117.3
	812+00.00	19.392	0.500	-0.600	1.100	84	364	400		20	20	C		
	818+00.00	19.506	-0.600	0.330	0.930	96	430	400		20	20	S		
	835+09.00	19.829							5729.580	20	20		2.8	104.9
	855+00.00	20.207	0.330	0.700	0.370	96	1081	400		20	20	S		
	862+00.00	20.339	0.700	-0.419	1.119	84	358	400		20	20	C		
	870+00.00	20.491	-0.419	0.500	0.919	96	435	400		20	20	S		
	885+00.00	20.775	0.500	-0.258	0.758	84	528	400		20	20	C		

Horizontal and Vertical Curve Data (SOUTHBOUND LANES)

Notes: 1) The minimum horizontal radius of the curve is 1810' for rural areas and 758' for urban areas.

Structure Name	Station P.V.I. OR P.I.	APPR. M.P.	Grade			Vertical Length of Curve			Horizontal Radius of Curve ¹	Clear Zone ADT over 6000		VERTICAL CURVE TYPE	Superelevation fmax = 0.1	V mph
			In %	Out %	Difference %	Minimum K Value	Calc. K Value	Actual (ft)		Actual (ft)	Minimum (ft)			
	463+00.00	31.848	3.000	-3.000	6.000	247	267	1600		30	20	C		
	466+72.00	31.919							11459.160	30	20		2.0	143.6
	478+10.00	32.134	-3.000	-0.944	2.056	181	389	800		30	20	S		
	499+50.00	32.540	-0.944	4.000	4.944	181	162	800		30	20	S		
	511+00.00	32.757	4.000	2.000	2.000	247	500	1000		30	20	C		
	535+50.00	33.221	2.000	-1.745	3.745	247	320	1200		30	20	C		
US 421 BRIDGE	541+99.86	33.355												
	558+83.00	33.674							5729.580	30	20		2.8	104.9
	557+00.00	33.639	-1.745	1.800	3.545	181	226	800		30	20	S		
Carroll Co. (Begin at MP 38.808) STA. 1840+56.61														
	1840+56.61	38.808												
CHENT-EAGLE STATION RD.	2447+10.00	50.625												
	2458+00.00	50.831	0.500	-2.810	3.310	247	302	1000		30	20	C		
	2466+36.00	50.990							2864.789	30	20		5.5	81.6
	2478+50.00	51.220	-2.810	-0.575	2.235	181	269	600		30	20	S		
	2491+50.00	51.466	-0.575	-3.000	2.425	181	289	700		30	20	C		
	2502+50.00	51.674	-3.000	-1.500	1.500	181	400	600		30	20	S		
	2533+50.00	52.261	-1.500	2.940	4.440	181	158	700		30	20	S		
	2545+24.38	52.484							7639.440	30	20		2.0	117.3

 APPR. M.P. TAKEN FROM KYTC ARCHIVE PLANS SITE

 Does not meet KYTC Standards

 CALCULATED M.P.

PAVEMENT CONDITIONS FROM KYTC

Direction	Beginning MP	Ending MP	Length	IRI (2012)	Rutting (inches)	Total Points	Guardrail	Shoulder	Recommended Treatment Year	Recommended Treatment	End of Service Life	Estimated Cost
NB	0.000	3.623	3.623	113	0.2	25	Good	Good	2020	Thin Mill 1.5	2025	1,268,000
SB	0.000	3.623	3.623	107	0.3	22	Good	Good	2024	Thin Mill 1.5	2030	1268000
NB	3.623	9.766	6.143	47	0.1	8	Good	Good	2020	Thin Mill 1.5	2025	2150000
SB	3.623	9.766	6.143	56	0.1	15	Good	Good	2017	Thin Mill 1.5	2021	2150000
NB	9.766	11.315	1.549	46	0.1	5	Good	Good	2020	Thin Mill 1.5	2025	542000
SB	9.766	11.315	1.549	48	0.1	11.5	Fair	Fair	2018	Thin Mill	2023	542000
NB	11.315	22.300	10.985	48	0.1	17	Good	Good	2016	Thin Mill 1.5	2021	3,845,000
SB	11.315	22.300	10.985	49	0.1	13.5	Fair	Fair	2017	Thin Mill 1.5	2021	3845000
NB	22.300	28.173	5.873	52	0.1	10.5	Good	Good	2020	Thin Mill 1.5	2025	2056000
SB	22.300	28.173	5.873	57	0.1	6.5	Good	Good	2020	Thin Mill 1.5	2025	2056000
NB	28.173	37.183	9.010	55	0.1	14	Good	Fair	2018	Thin Mill 1.5	2022	3154000
SB	28.173	37.183	9.010	70	0.1	30.5	Fair	Fair	2013	Thin Mill 1.5	2018	1024000
NB	31.100	38.300	7.200	87	0.1	50	Fair	Fair	2012	Thin Mill 1.5	2014	2520000
NB	37.183	43.948	6.765	74	0.1	38	Good	Good	2012	Thin Mill 1.5	2017	2368000
SB	38.300	43.948	5.648	71	0.1	10	Good	Fair	2023	Thin Mill 1.5	2028	1977000
NB	43.948	56.673	12.725	56	0.1	20.5	Fair	Fair	2016	Thin Mill 1.5	2020	4454000
SB	43.948	56.673	12.725	64	0.1	31.5	Good	Fair	2015	Thin Mill 1.5	2020	4454000
NB	56.673	59.673	3.000	60	0.1	21	Fair	Fair	2018	Thin Mill 1.5	2023	1575000
SB	56.673	59.673	3.000	60	0.1	22	Good	Good	2016	Thin Mill 1.5	2021	1575000
NB	56.673	69.890	13.217	129	0.2	27	Good	Good	2023	Thin Mill 1.5	2030	3576000
SB	59.673	69.890	10.217	117	0.2	23	Good	Good	2018	Thin Mill 1.5	2030	3576000
NB	69.890	77.724	7.834	159	0.1	33	Good	Good	2023	Thin Mill 1.5	2030	2742000
SB	69.890	77.724	7.834	90	0.1	12	Good	Good	2018	Thin Mill 1.5	2030	2742000