

TABLE 2 --- Geometric and Traffic Characteristics of Existing Highways

Begin MP	End MP	Length (miles)	No. of Lanes	Lane Width (feet)	Shoulder Width (feet)	%Passing Sight Distance	Speed Limit (mph)	Roadway Type	Terrain Type	Pavement Type	ADT		Truck %	LOS		y Rating
											2002	2030		2002	2030	
US 119, Harlan County																
13.213	14.552	1.34	4	12	10	**	55	Divided	Mountainous	High Flexible	9,200	22,200	7.7	A	B	88.4
14.552	16.152	1.60	2	12	10	70	55	Undivided	Mountainous	High Flexible	7,000	16,900	7.3	C	E	86
16.152	33.907	17.76	2	12	10	80	55	Undivided	Mountainous	High Flexible	5,400	13,000	5.4	C	D	87.3
33.907	35.738	1.83	4	12	10	**	55	Divided	Mountainous	High Flexible	4,400	10,600	6.9	A	A	85.9
35.738	39.182	3.44	2	12	10	20	55	Undivided	Mountainous	High Flexible	3,800	9,200	10.5	C	D	84.3
US 119, Letcher County																
0	1.385	1.39	2	12	12	0	55	Undivided	Mountainous	High Flexible	2,800	6,800	11.1	C	D	54.25
1.385	9.392	8.01	2	11	1	0	55	Undivided	Mountainous	High Flexible	1,800	4,300	11.1	C	D	54.25
9.392	10.309	0.92	2	10	1	0	55	Undivided	Mountainous	High Flexible	1,700	4,100	10.3	C	D	54.25
10.309	12.967	2.66	2	10	1	9	55	Undivided	Mountainous	High Flexible	1,700	4,100	9.9	C	D	64.25
12.967	13.41	0.44	2	14	8	9	55	Undivided	Mountainous	High Flexible	1,900	4,600	9.9	B	C	64.25
13.41	13.699	0.29	2	12	1	9	55	Undivided	Mountainous	High Flexible	1,900	4,600	9.9	C	C	64.25
13.699	14.395	0.70	2	11	2	9	55	Undivided	Mountainous	High Flexible	1,900	4,600	9.9	C	C	64.25
14.395	17.551	3.16	2	12	8	9	55	Undivided	Mountainous	High Flexible	3,300	8,000	9.7	C	D	64.25
US 421, Harlan County																
17.851	18.131	0.28	2	12	10	0	55	Undivided	Mountainous	High Flexible	2,500	4,900	14.8	C	C	69.2
18.131	24.941	6.81	2	12	2	17	55	Undivided	Mountainous	High Flexible	2,600	5,100	14.8	C	C	72.3
24.941	27.632	2.69	2	10	2	0	55	Undivided	Mountainous	High Flexible	2,600	5,100	13.3	C	C	77.8
US 421, Leslie County																
0	15.2	15.20	2	10	3	10	55	Undivided	Mountainous	High Flexible	2,000	3,900	14.4	C	C	78.8
15.2	21.041	5.84	2	10	3	25	55	Undivided	Mountainous	High Flexible	5,200	10,100	5.6	C	D	78.8
21.041	21.405	0.36	2	10	3	25	45	Undivided	Mountainous	High Flexible	5,200	10,100	5.6	C	D	78.8
21.405	21.795	0.39	2	10	8	25	35	Undivided	Mountainous	High Flexible	10,200	19,900	5.4	D	E	74.6
21.795	21.949	0.15	2	10	6	25	35	Undivided	Mountainous	High Flexible	10,200	19,900	5.4	D	E	69
21.949	22.212	0.26	2	12	curbed	0	25	Undivided	Mountainous	High Flexible	10,100	19,600	6.1	D	E	56.3
22.212	22.689	0.48	2	12	8	0	35	Undivided	Mountainous	High Flexible	7,800	15,200	6.6	D	D	72.2
22.689	35.4	12.71	2	10	4	0	55	Undivided	Mountainous	High Flexible	1,900	3,100	7.2	B	C	85.7
KY 160, Harlan County																
11.092	11.6	0.51	2	11	curbed	**	25	Undivided	Mountainous	High Flexible	11,700	19,300	**	D	D	76.8
11.6	11.809	0.21	2	11	7	0	25	Undivided	Mountainous	High Flexible	10,100	16,700	**	D	E	81.6
11.809	12.954	1.15	2	10	1	0	35	Undivided	Mountainous	High Flexible	2,300	3,800	**	C	C	84.9
12.954	14.584	1.63	2	10	1	0	55	Undivided	Mountainous	High Flexible	1,500	2,500	16	C	C	84.9
KY 160, Letcher County																
0	1.6	1.60	2	9	1	0	55	Undivided	Mountainous	High Flexible	1,500	2,500	32.9	B	C	78.3
1.6	9.477	7.88	2	9	2	0	55	Undivided	Mountainous	Mixed Bituminous	1,100	1,800	32.9	A	B	78.3
9.477	21.843	12.37	2	9	2	0	55	Undivided	Mountainous	Mixed Bituminous	1,700	3,300	32.9	B	C	78.3

TABLE 2 --- Geometric and Traffic Characteristics of Existing Highways

Begin MP	End MP	Length (miles)	No. of Lanes	Lane Width (feet)	Shoulder Width (feet)	%Passing Sight Distance	Speed Limit (mph)	Roadway Type	Terrain Type	Pavement Type	ADT		Truck %	LOS		y Rating
											2002	2030		2002	2030	
KY 221, Harlan County																
8.859	11.415	2.56	2	10	1	0	55	Undivided	Mountainous	Mixed Bituminous	2,600	4,300	**	B	C	81.6
11.415	26.767	15.35	2	10	1	0	55	Undivided	Mountainous	Mixed Bituminous	700	1,200	**	A	A	81.6
KY 221, Leslie County																
0	1.881	1.88	2	9	1	0	55	Undivided	Mountainous	Mixed Bituminous	600	1,000	**	A	A	70.3
KY 221, Perry County																
0	0.486	0.49	2	9	2	0	55	Undivided	Mountainous	Mixed Bituminous	260	400	**	A	A	86.3
KY 699, Leslie County																
0	15.993	15.99	2	9	2	0	55	Undivided	Mountainous	Mixed Bituminous	1,500	2,500	19.5	B	B	76
KY 699, Perry County																
0	12.463	12.46	2	10	2	1	55	Undivided	Mountainous	High Flexible	2,100	3,500	16.2	B	C	83.9
KY 118, Leslie County																
0	3.467	3.47	2	12	12	44	55	Undivided	Mountainous	High Flexible	4,500	8,700	7	C	D	86.5
3.467	3.524	0.06	2	12	12	0	55	Undivided	Flat	High Flexible	4,500	8,700	7	C	D	51
KY 80, Leslie County																
0	9.719	9.72	2	10	2	0	55	Undivided	Mountainous	High Flexible	3,200	5,300	9	C	C	81.7
KY 80, Perry County																
0	7	7.00	2	10	2	0	55	Undivided	Mountainous	High Flexible	3,800	6,300	14.5	C	C	54.1
7	7.91	0.91	2	10	2	0	35	Undivided	Mountainous	High Flexible	9,600	15,800	14.4	D	D	61.6
DB 9006, Daniel Boone Parkway, Leslie County																
35.929	44.063	8.13	2	12	10	54	55	Undivided	Mountainous	High Flexible	5,300	12,800	21.9	C	D	64.5
44.063	44.382	0.32	2	12	10	0	55	Undivided	Mountainous	High Rigid	5,700	13,800	19.6	C	E	50.6
44.382	51.026	6.64	2	12	10	74	55	Undivided	Mountainous	High Flexible	5,900	14,300	18	C	E	91
DB 9006, Daniel Boone Parkway, Perry County																
51.026	58.232	7.21	2	12	12	52	55	Undivided	Mountainous	High Flexible	6,900	16,700	23.8	D	E	90.9
58.232	59.088	0.86	4	12	12	52	55	Undivided	Mountainous	High Flexible	12,800	20,000	17.5	B	D	87.3
KY 7, Letcher County																
0	6.998	7.00	2	9	1	0	55	Undivided	Rolling	High Flexible	1,600	2,600	4	B	B	80.05
6.998	13.497	6.50	2	10	1	0	55	Undivided	Rolling	High Flexible	4,000	6,600	4	C	C	80.05
13.497	13.819	0.32	4	12	10	0	55	Divided	Mountainous	High Flexible	10,300	24,900	4	A	B	87.5
13.819	14.157	0.34	2	12	10	0	55	Undivided	Mountainous	High Flexible	10,300	24,900	**	D	F	82.5
KY 7, Perry County																
0	0.2	0.20	2	10	2	**	35	Undivided	Rolling	High Flexible	3,400	5,600	5.5	C	C	75.6
0.2	13.557	13.36	2	9	2	**	55	Undivided	Rolling	High Flexible	3,400	5,600	5.5	C	C	75.6

TABLE 2 --- Geometric and Traffic Characteristics of Existing Highways

Begin MP	End MP	Length (miles)	No. of Lanes	Lane Width (feet)	Shoulder Width (feet)	%Passing Sight Distance	Speed Limit (mph)	Roadway Type	Terrain Type	Pavement Type	ADT		Truck %	LOS		y Rating
											2002	2030		2002	2030	
KY 15, Letcher County																
0	0.15	0.15	2	12	10	0	55	Divided	Mountainous	High Flexible	14,900	36,000	6.8	E	F	72.8
0.15	1.095	0.95	2	12	10	0	55	Undivided	Mountainous	High Flexible	14,900	36,000	6.8	E	F	72.8
1.095	1.135	0.04	3	12	10	0	55	Undivided	Mountainous	High Flexible	14,900	36,000	6.8	E	F	72.8
1.135	1.389	0.25	3	12	10	0	55	Divided	Mountainous	High Flexible	14,900	36,000	6.8	E	F	76.1
1.389	1.479	0.09	4	12	10	**	55	Divided	Mountainous	High Flexible	13,800	33,300	6.8	A	C	63
1.479	1.845	0.37	4	12	10	**	55	Undivided	Mountainous	High Flexible	13,800	33,300	6.8	A	C	63
1.845	2.284	0.44	3	12	10	45	55	Undivided	Mountainous	High Flexible	9,900	23,900	5.4	D	E	63
2.284	2.52	0.24	2	12	10	63	55	Undivided	Mountainous	High Flexible	11,200	27,100	5.1	D	F	79.6
2.52	3.265	0.75	2	12	3	63	55	Undivided	Mountainous	High Flexible	11,200	27,100	5.1	D	F	82.5
3.265	4.625	1.36	2	12	10	63	55	Undivided	Mountainous	High Flexible	11,200	27,100	5.1	D	F	82.5
4.625	5.878	1.25	2	12	3	63	55	Undivided	Mountainous	High Flexible	11,200	27,100	5.1	D	F	82.5
5.878	6.888	1.01	2	12	10	63	55	Undivided	Mountainous	High Flexible	10,900	26,300	6.6	D	F	82.5
6.888	7.654	0.77	2	12	3	63	55	Undivided	Mountainous	High Flexible	10,700	25,800	7.4	D	F	82.5
7.654	9.23	1.58	2	12	10	63	55	Undivided	Mountainous	High Flexible	10,600	25,600	7.9	D	F	82.5
9.23	9.667	0.44	4	12	3	**	55	Divided	Rolling	High Flexible	7,300	17,600	11.8	A	B	77.7
9.667	10.492	0.83	2	12	3	100	55	Undivided	Mountainous	High Flexible	7,300	17,600	11.8	C	E	85.5
10.492	10.675	0.18	2	12	10	100	55	Undivided	Mountainous	High Flexible	7,300	17,600	11.8	C	E	85.6
KY 15, Perry County																
0	4	4.00	2	12	10	13	55	Undivided	Mountainous	High Flexible	8,900	21,500	9.3	D	E	61.8
4	4.95	0.95	4	12	10	**	55	Divided	Rolling	High Flexible	9,700	23,400	9.3	A	B	77.3
4.95	6.005	1.06	2	12	10	0	55	Undivided	Rolling	High Flexible	9,700	23,400	9.3	D	E	74.75
6.005	11.119	5.11	4	12	12	**	55	Divided	Rolling	High Flexible	13,600	21,200	7	A	B	83.9
11.119	13.4	2.28	4	12	10	**	55	Divided	Rolling	High Flexible	19,400	30,300	7	B	C	82.5
13.4	13.601	0.20	4	12	8	**	55	Divided	Rolling	High Flexible	30,500	47,600	5.9	C	D	68.1
13.601	13.78	0.18	2	12	6	42	55	Undivided	Rolling	High Flexible	24,400	38,100	10.4	F	F	69.3
13.78	15	1.22	2	12	10	60	55	Undivided	Mountainous	High Flexible	23,800	37,100	10.7	F	F	76.8
15	15.3	0.30	2	12	10	60	55	Divided	Mountainous	High Flexible	23,800	37,100	10.7	F	F	76.8
KY 463, Letcher County																
0	3.307	3.31	2	10	1	0	55	Undivided	Mountainous	High Flexible	1,200	2,000	**	A	B	78.1
KY 463, Perry County																
0	6.521	6.52	2	9	2	0	55	Undivided	Mountainous	High Flexible	1,600	2,600	**	B	B	79.1

Source: KYTC Highway Information System (HIS)

¹ Lane and shoulder widths not meeting current design standards (i.e., less than 12-foot-wide driving lanes and 10-foot-wide shoulders), and unacceptable Level of Service (LOS) ratings (i.e., D, E, F) are shaded.

² Percent Passing Sight Distance - the percent of segment length (estimated to the nearest 10%) which has available passing sight distance (as measured from the driver's eye to the road surface) of at least 1,500 feet. This information is only available for Kentucky maintained roads classified as State Primary or State Secondary.