

APPENDIX B
HORIZONTAL AND VERTICAL
DEFICIENCIES

KY 59 Horizontal Alignment Deficiencies for 55 mph continued

LEWIS COUNTY KY 59 MP 18.093 - MP 23.190 Continued								
PI STATION	MILEPOINT @ MOC	CURVE DIRECTION (LT/RT)	RADIUS	DESIGN SPEED	MIN. RADIUS @ 8% E-MAX	MEET/EXCEED MIN. RADIUS	COMMENTS	SECTION
224+52.70	22.366	LT	870	55	960	NO		5
227+69.30	22.424	LT	286	55	960	NO		5
230+26.10	22.475	RT	573	55	960	NO		5
243+36.70	22.722	RT	220	55	960	NO		5
251+09.10	22.872	LT	573	55	960	NO		5

KY 59 Vertical Alignment Deficiencies for 55 mph

LEWIS COUNTY KY 59 MP 18.093 - MP 23.190									
VPI STATION	MILEPOINT	CREST OR SAG	CALCULATED HEADLIGHT SIGHT DISTANCE	CALCULATED STOPPING SIGHT DISTANCE	DESIGN SPEED	MINIMUM REQUIRED SIGHT DISTANCE	MEET/EXCEED SIGHT DISTANCE REQUIRED	COMMENTS	SECTION
46+25.00	18.987	C		154	55	495	NO	No curve data on plans. Estimated vertical curve to approximate profile shown on plans	5
147+75.00	20.904	S	367		55	495	NO	Estimated vertical curve to approximate profile shown on plans	5
157+40.00	21.087	C		460	55	495	NO	Estimated vertical curve to approximate profile shown on plans	5
168+25.00	21.294	S	214		55	495	NO	Estimated vertical curve to approximate profile shown on plans	5
173+00.00	21.385	C		204	55	495	NO	Estimated vertical curve to approximate profile shown on plans	5
179+10.00	21.501	C		447	55	495	NO	Estimated vertical curve to approximate profile shown on plans	5
184+00.00	21.595	C		371	55	495	NO		5
207+50.00	22.043	S	253		55	495	NO		5
241+10.00	22.682	S	469		55	495	NO	Estimated vertical curve to approximate profile shown on plans	5