

APPENDIX E

HIS DATA

HORIZONTAL CURVES

County Name	Begin MP	End MP	Route	Degree of Curve	Curve Class (Range)
SIMPSON	16.325	16.82	KY 100	0.1	0.0-3.4 DEGREES
SIMPSON	16.815	17.08	KY 100	1.1	0.0-3.4 DEGREES
SIMPSON	17.083	17.33	KY 100	0.2	0.0-3.4 DEGREES
SIMPSON	17.331	17.55	KY 100	1.4	0.0-3.4 DEGREES
SIMPSON	17.553	18.15	KY 100	0.1	0.0-3.4 DEGREES
SIMPSON	18.146	18.33	KY 100	1.4	0.0-3.4 DEGREES
SIMPSON	18.333	18.53	KY 100	0.1	0.0-3.4 DEGREES
SIMPSON	18.53	18.64	KY 100	1.2	0.0-3.4 DEGREES
SIMPSON	18.639	18.82	KY 100	1.7	0.0-3.4 DEGREES
SIMPSON	18.815	18.87	KY 100	2.9	0.0-3.4 DEGREES
SIMPSON	18.868	19.12	KY 100	0.1	0.0-3.4 DEGREES
ALLEN	0	0.133	KY 100	1.4	0.0-3.4 DEGREES
ALLEN	0.133	0.201	KY 100	4.8	3.5-5.4 DEGREES
ALLEN	0.201	0.328	KY 100	3.8	3.5-5.4 DEGREES
ALLEN	0.328	0.454	KY 100	1.8	0.0-3.4 DEGREES
ALLEN	0.454	0.639	KY 100	0.6	0.0-3.4 DEGREES
ALLEN	0.639	1.077	KY 100	0	0.0-3.4 DEGREES
ALLEN	1.077	1.225	KY 100	3.1	0.0-3.4 DEGREES
ALLEN	1.225	1.528	KY 100	0.3	0.0-3.4 DEGREES
ALLEN	1.528	1.662	KY 100	6.8	5.5-8.4 DEGREES
ALLEN	1.662	1.778	KY 100	0.3	0.0-3.4 DEGREES
ALLEN	1.778	1.924	KY 100	2	0.0-3.4 DEGREES
ALLEN	1.924	2.162	KY 100	0	0.0-3.4 DEGREES
ALLEN	2.162	2.242	KY 100	3	0.0-3.4 DEGREES
ALLEN	2.242	2.418	KY 100	1.6	0.0-3.4 DEGREES
ALLEN	2.418	2.675	KY 100	2.4	0.0-3.4 DEGREES
ALLEN	2.675	2.834	KY 100	0.1	0.0-3.4 DEGREES
ALLEN	2.834	3.02	KY 100	3.8	3.5-5.4 DEGREES
ALLEN	3.02	3.169	KY 100	5	3.5-5.4 DEGREES
ALLEN	3.169	3.321	KY 100	0	0.0-3.4 DEGREES
ALLEN	3.321	3.419	KY 100	3.6	3.5-5.4 DEGREES
ALLEN	3.419	3.523	KY 100	0	0.0-3.4 DEGREES
ALLEN	3.523	3.66	KY 100	7.6	5.5-8.4 DEGREES
ALLEN	3.66	3.821	KY 100	0.2	0.0-3.4 DEGREES
ALLEN	3.821	3.942	KY 100	4.1	3.5-5.4 DEGREES
ALLEN	3.942	4.14	KY 100	0	0.0-3.4 DEGREES
ALLEN	4.14	4.453	KY 100	1.5	0.0-3.4 DEGREES
ALLEN	4.453	4.55	KY 100	5.8	5.5-8.4 DEGREES
ALLEN	4.55	4.732	KY 100	0.3	0.0-3.4 DEGREES
ALLEN	4.732	4.922	KY 100	2.2	0.0-3.4 DEGREES
ALLEN	4.922	5.639	KY 100	0	0.0-3.4 DEGREES
ALLEN	5.639	5.91	KY 100	0.3	0.0-3.4 DEGREES
ALLEN	5.91	6.53	KY 100	0	0.0-3.4 DEGREES
ALLEN	6.53	6.708	KY 100	2.5	0.0-3.4 DEGREES
ALLEN	6.708	7.075	KY 100	0	0.0-3.4 DEGREES
ALLEN	7.075	7.151	KY 100	3.7	3.5-5.4 DEGREES
ALLEN	7.151	7.268	KY 100	1.7	0.0-3.4 DEGREES
ALLEN	7.268	7.494	KY 100	0	0.0-3.4 DEGREES
ALLEN	7.494	7.627	KY 100	0.9	0.0-3.4 DEGREES
ALLEN	7.627	7.744	KY 100	0.1	0.0-3.4 DEGREES
ALLEN	7.744	7.886	KY 100	6.8	5.5-8.4 DEGREES
ALLEN	7.886	8.163	KY 100	0	0.0-3.4 DEGREES
ALLEN	8.163	8.405	KY 100	4.2	3.5-5.4 DEGREES
ALLEN	8.405	8.557	KY 100	0.3	0.0-3.4 DEGREES
ALLEN	8.557	8.647	KY 100	5.6	5.5-8.4 DEGREES
ALLEN	8.647	8.765	KY 100	0	0.0-3.4 DEGREES
ALLEN	8.765	8.905	KY 100	5.9	5.5-8.4 DEGREES
ALLEN	8.905	9.013	KY 100	0.5	0.0-3.4 DEGREES
ALLEN	9.013	9.126	KY 100	9.1	8.5-13.9 DEGREES
ALLEN	9.126	9.323	KY 100	0.2	0.0-3.4 DEGREES
ALLEN	9.323	9.387	KY 100	2	0.0-3.4 DEGREES
ALLEN	9.387	9.6	KY 100	6.1	5.5-8.4 DEGREES
ALLEN	9.6	9.728	KY 100	0.4	0.0-3.4 DEGREES
ALLEN	9.728	9.906	KY 100	3.5	3.5-5.4 DEGREES
ALLEN	9.906	10.12	KY 100	0	0.0-3.4 DEGREES
ALLEN	10.115	10.2	KY 100	8.9	8.5-13.9 DEGREES
ALLEN	10.196	10.22	KY 100	7.2	5.5-8.4 DEGREES
ALLEN	10.219	10.28	KY 100	0.8	0.0-3.4 DEGREES
ALLEN	10.278	10.4	KY 100	7.9	5.5-8.4 DEGREES
ALLEN	10.4	10.53	KY 100	0.2	0.0-3.4 DEGREES
ALLEN	10.527	10.61	KY 100	2.6	0.0-3.4 DEGREES
ALLEN	10.609	10.7	KY 100	3.1	0.0-3.4 DEGREES
ALLEN	10.699	10.78	KY 100	0.3	0.0-3.4 DEGREES
ALLEN	10.779	10.94	KY 100	3	0.0-3.4 DEGREES
ALLEN	10.944	11.05	KY 100	0.3	0.0-3.4 DEGREES
ALLEN	11.045	11.12	KY 100	3.7	3.5-5.4 DEGREES
ALLEN	11.122	11.29	KY 100	0.1	0.0-3.4 DEGREES
ALLEN	11.288	11.38	KY 100	3	0.0-3.4 DEGREES
ALLEN	11.375	11.49	KY 100	0.7	0.0-3.4 DEGREES
ALLEN	11.486	11.62	KY 100	2.4	0.0-3.4 DEGREES
ALLEN	11.623	11.7	KY 100	2.4	0.0-3.4 DEGREES
ALLEN	11.699	11.84	KY 100	0.4	0.0-3.4 DEGREES
ALLEN	11.839	11.93	KY 100	4.4	3.5-5.4 DEGREES
ALLEN	11.931	12.61	KY 100	0.1	0.0-3.4 DEGREES
ALLEN	12.61	13.05	KY 100	0.2	0.0-3.4 DEGREES

	Design Speed Based On Horizontal Curvature, Assuming 6% Maximum Superelevation
	55 Miles Per Hour
	50 Miles Per Hour
	45 Miles Per Hour

VERTICAL GRADES

No HIS data was available on vertical grades for this section of KY 100.

TERRAIN

County Name	Route	Begin MP	End MP	Type of Terrain
SIMPSON	KY 100	16.338	17.047	Rolling
SIMPSON	KY 100	17.047	19.115	Rolling
ALLEN	KY 100	0	3.339	Rolling
ALLEN	KY 100	3.339	5.933	Rolling
ALLEN	KY 100	5.933	6.586	Rolling
ALLEN	KY 100	6.586	10.228	Rolling
ALLEN	KY 100	10.228	12	Rolling
ALLEN	KY 100	12	12.285	Rolling
ALLEN	KY 100	12.285	13.1	Rolling

PERCENT PASSING SIGHT DISTANCE

County Name	Route	Begin MP	End MP	Percent Passing Sight Distance
SIMPSON	KY 100	16.338	17.047	63
SIMPSON	KY 100	17.047	19.115	56
ALLEN	KY 100	0	3.339	21
ALLEN	KY 100	3.339	5.933	21
ALLEN	KY 100	5.933	6.586	61
ALLEN	KY 100	6.586	10.228	14
ALLEN	KY 100	10.228	12	23
ALLEN	KY 100	12	12.285	23
ALLEN	KY 100	12.285	13.1	40

POSTED SPEED LIMIT

County Name	Route	Begin MP	End MP	Posted Speed Limit
SIMPSON	KY 100	13.097	19.115	55
ALLEN	KY 100	0	12.078	55
ALLEN	KY 100	12.078	12.721	45

LANES

County Name	Route	Begin MP	End MP	Lane Width	Driving Lanes
SIMPSON	KY 100	13.017	19.115	9	2
ALLEN	KY 100	0	5.94	9	2
ALLEN	KY 100	5.94	13.1	10	2

SHOULDERS

County Name	Route	Begin MP	End MP	Type	Width
SIMPSON	KY 100	13.017	19.115	Combination	4
ALLEN	KY 100	0	13.08	Combination	2

PAVEMENT TYPE

County Name	Route	Begin MP	End MP	Surface Type
SIMPSON	KY 100	10.867	19.115	High Flexible
ALLEN	KY 100	0	13.08	High Flexible

TRUCK WEIGHT CLASS

County Name	Route	Begin MP	End MP	Class	Description
SIMPSON	KY 100	9.742	19.115	AAA	FROM US 31W TO ALLEN COUNTY LINE
ALLEN	KY 100	0	29.583	AAA	From Simpson County line to Monroe County line

TRAFFIC

County Name:	SIMPSON	ALLEN	ALLEN	ALLEN	ALLEN
Route:	KY 100	KY 100	KY 100	KY 100	KY 100
Begin MP:	16.34	0	3.339	6.586	10.228
End MP:	19.115	3.339	6.586	10.228	12.654
Current ADT:	2,260	2,260	2,060	2,370	3,440
Source of Current:	Computer Estimate	Computer Estimate	Computer Estimate	Computer Estimate	Computer Estimate
Last Actual ADT:	2,085	2,085	1,904	2,318	3,231
Year of Count:	2006	2006	2004	2004	2004
End Point:	ALLEN COUNTY LINE	KY 482	RED HILL ROAD	KY 585	US 31E
Traffic Station:	2508	2508	2558	2505	2563
Station Type:	in adjacent county	Coverage	Classification	Coverage	HPMS
Percent Single Unit Traffic:	4.5	4.5	4.5	4.5	4.5
Percent Combination Traffic:	7.1	7.1	7.1	7.1	7.1

SYSTEM

County:	SIMPSON
Route:	KY 100
Begin MP:	12.926
End MP:	19.115
State System:	4:State Secondary
National Highway System:	0:Not on National Highway System
Functional Classification:	07:Rural Major Collector
Type Area:	1:Rural
Urban Area:	00000:Rural
LRS_ID:	KY0100 00000
Fed Aid System Codes:	O: Other Federal-aid System

County:	ALLEN
Route:	KY 100
Begin MP:	0
End MP:	17.244
State System:	4:State Secondary
National Highway System:	0:Not on National Highway System
Functional Classification:	07:Rural Major Collector
Type Area:	1:Rural
Urban Area:	00000:Rural
LRS_ID:	KY0100 00000
Fed Aid System Codes:	O: Other Federal-aid System