

Appendix D Highway Information System Summary of Parkway Data

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Geometric Characteristics

Audubon Parkway, Natcher Parkway and US 60
Henderson to Bowling Green

COUNTY	BEGIN MP	END MP	LENGTH (MILES)	NUMBER OF LANES	LANE WIDTH (FT)	INSIDE SHOULDER WIDTH (FT)	OUTSIDE PAVED SHOULDER WIDTH (FT)	OUTSIDE SHOULDER TYPE	SPEED LIMIT	ROADWAY TYPE	PAVEMENT TYPE
Audubon Parkway, MP 0.000 to MP 23.441											
Henderson	0.000	15.780	15.8	4	12	6	10	Paved w/ Bituminous Material	70	Divided Highway	High Rigid (Reinforce Jointed)
	15.780	15.883	0.1	4	12	6	10	Paved w/ Portland Cement	70	Divided Highway	High Rigid (Reinforce Jointed)
Daviess	15.883	23.441	7.6	4	12	6	10	Paved w/ Bituminous Material	70	Divided Highway	High Rigid (Reinforce Jointed)
Natcher Parkway, MP 2.473 to MP 72.264											
Warren	2.473	20.246	18.2	4	12	6	10	Paved w/ Bituminous Material	70	Divided Highway	Composite;Flexible over Rigid
Butler	20.246	34.724	14.5	4	12	6	10	Paved w/ Bituminous Material	70	Divided Highway	High Flexible
	34.724	37.143	2.4	4	12	6	10	Paved w/ Bituminous Material	70	Divided Highway	Composite;Flexible over Rigid
Ohio	37.710	61.553	23.8	4	12	6	10	Paved w/ Bituminous Material	70	Divided Highway	High Ridid (Reinforce Jointed)
	44.373	61.553	17.2	4	12	6	12	Paved w/ Bituminous Material	70	Divided Highway	High Ridid (Reinforce Jointed)
Daviess	61.553	71.080	9.5	4	12	6	10	Paved w/ Bituminous Material	70	Divided Highway	High Ridid (Reinforce Jointed)
	71.080	72.264	1.2	4	12	6	10	Paved w/ Bituminous Material	65	Divided Highway	High Ridid (Reinforce Jointed)
US 60, MP 10.849 to MP 17.498											
Daviess	10.849	17.498	6.6	4	12	6	10	Paved w/ Bituminous Material	55	Divided Highway	High Rigid (Reinforce Jointed)

Highway Systems
Audubon and Natcher Parkway and US 60
Henderson to Bowling Green

COUNTY	BEGIN MP	END MP	STATE SYSTEM	NATIONAL TRUCK NETWORK	NATIONAL HIGHWAY SYSTEM	FUNCTIONAL CLASSIFICATION	TRUCK WEIGHT CLASS
Audubon Parkway, MP 0.000 to MP 23.4410							
Henderson	0.000	15.883	State Primary (Parkway)	Yes	Yes	Rural Principal Arterial	AAA
Davies	15.883	23.441	State Primary (Parkway)	Yes	Yes	Rural Principal Arterial	AAA
Natcher Parkway, MP 2.473 to MP 72.264							
Warren	2.473	9.523	State Primary (Parkway)	Yes	Yes	Urban Freeways & Expressways	AAA
	9.523	20.246	State Primary (Parkway)	Yes	Yes	Urban Freeways & Expressways	AAA
Butler	20.246	37.143	State Primary (Parkway)	Yes	Yes	Rural Principal Arterial	AAA
Ohio	37.143	61.553	State Primary (Parkway)	Yes	Yes	Rural Principal Arterial	AAA
Daviess	61.553	72.264	State Primary (Parkway)	Yes	Yes	Rural Principal Arterial	AAA
US 60, MP 10.849 to MP 17.498							
Daviess	10.849	17.498	State Primary (Other)	Yes	Yes	Urban Freeways & Expressways	AAA

Bridge Characteristics
Audubon Parkway, Natcher Parkway, and US 60
Henderson to Bowling Green

Mainline Bridges - Audubon Parkway															
COUNTY	MP	BRIDGE NO.	DIRECTION	FEATURES INTERSECTED	Length (FT)	WIDTH (GUTTER TO GUTTER)(FT)	SUFFICIENCY RATING	Structural Function 1	DESIGN LOAD	INVENTORY RATING	OPERATING RATING	Load I (lbs)	Load II (lbs)	Load III (lbs)	Load IV (lbs)
Henderson	0.005	051800073L	WB	Pennyryle Pky	190.90	26	78.5	FO	HS 20-44	HS23.9		110,000	112,000	116,000	132,000
Henderson	0.005	051800073R	EB	Pennyryle Pky	190.90	26	77.5	FO	HS 20-44	HS23.9		110,000	112,000	116,000	132,000
Henderson	6.223	051800077L	WB	Lick Creek	69.90	39	97.9	ND	HS 20-44	HS30.0		144,000	148,000	158,000	190,000
Henderson	6.223	051800077R	EB	Lick Creek	69.90	39	97.9	ND	HS 20-44	HS30.0		144,000	148,000	158,000	190,000
Henderson/ Daviess	15.839	051800072N	EB & WB	Green River	941.90	31 EB, 31 WB	80	ND	HS 20-44	HS13.9	HS31.7	66,000	74,000	88,000	108,000
Daviess	22.701	030800059L	WB	Worthington Rd	140.10	39	91.5	FO	HS 20-44	HS19.5	HS32.2	72,000	76,000	84,000	112,000
Daviess	22.701	030800059R	EB	Worthington Rd	140.10	39	91.5	FO	HS 20-44	HS19.5	HS32.2	72,000	76,000	84,000	112,000
Daviess	23.432	030800058L	WB	US 60 (Wendell Ford Bypass)	189.00	26	78.4	FO	HS 20-44	HS22.8		102,000	104,000	108,000	132,000
Daviess	23.432	030800058R	EB	US 60 (Wendell Ford Bypass)	189.00	26	78.4	FO	HS 20-44	HS22.8		102,000	104,000	108,000	132,000
Mainline Bridges - US 60 Parkway															
Daviess	12.011	030800072L	WB	CS-1235 (Bittel Rd)	143.00	39.25	96	ND	HS 20-44	HS35.0		134,000	144,000	166,000	228,000
Daviess	12.011	030800072R	EB	CS-1235 (Bittel Rd)	143.00	39.25	96	ND	HS 20-44	HS35.0		134,000	144,000	166,000	228,000
Daviess	13.564	030800074L	WB	CS-1330 (Tamarack Rd)	150.00	39.25	96.8	ND	HS 20-44	HS35.0		138,000	144,000	166,000	228,000
Daviess	13.564	030800074R	EB	CS-1330 (Tamarack Rd)	150.00	39.25	96.8	ND	HS 20-44	HS35.0		138,000	144,000	166,000	228,000
Daviess	14.416	030800075L	WB	US 431 (Fredrica St)	172.00	39.25	94.5	ND	HS 20-44	HS20.1		100,000	102,000	106,000	120,000
Daviess	14.416	030800075R	EB	US 431 (Fredrica St)	172.00	39.25	95.5	ND	HS 20-44	HS16.7	HS33.4	100,000	102,000	106,000	120,000
Daviess	15.026	030800077L	WB	J.R. Miller Blvd	151.90	30	79	FO	HS 20-44	HS22.7		110,000	112,000	122,000	162,000
Daviess	15.026	030800077R	EB	J.R. Miller Blvd	151.90	39.25	98	ND	HS 20-44	HS22.7		110,000	112,000	122,000	162,000
Daviess	15.272	030800076L	WB	Sutherland Rd/Veach Rd	115.50	30	79	FO	HS 20-44	HS31.7		136,000	140,000	162,000	236,000
Daviess	15.272	030800076R	EB	Sutherland Rd/Veach Rd	115.50	39.25	98	ND	HS 20-44	HS31.7		136,000	140,000	162,000	236,000
Daviess	15.842	030800078L	WB	Horse Fork Crk	92.80	34	93	ND	HS 20-44	HS23.6		90,000	96,000	112,000	184,000
Daviess	15.842	030800078R	EB	Horse Fork Crk	92.80	39.25	100	ND	HS 20-44	HS40.3		90,000	96,000	112,000	184,000
Daviess	16.943	030800068L	WB	Old Hartford Rd	149.90	33.8	91	FO	HS 20-44	HS25.0		122,000	124,000	136,000	180,000
Daviess	16.943	030800068R	EB	Old Hartford Rd	149.90	40	100	ND	HS 20-44	HS32.8		122,000	124,000	136,000	180,000
Mainline Bridges - Natcher Parkway															
Daviess	72.255	030800085L	SB	60 (Wendell Ford Bypass)	189.00	25	76.4	FO	HS 20-44	HS21.7		98,000	98,000	102,000	118,000
Daviess	72.255	030800085R	NB	60 (Wendell Ford Bypass)	189.00	25	79.4	FO	HS 20-44	HS21.7		98,000	98,000	102,000	118,000
Daviess	69.846	030800082L	SB	N Fork Panther Creek, Relief #2	155.00	30.5	82.7	ND	HS 20-44 (rehab deck is HS 25)	HS22.2		118,000	118,000	122,000	146,000
Daviess	69.846	030800082R	NB	N Fork Panther Creek, Relief #2	155.00	30.5	82.7	ND	HS 20-44 (rehab deck is HS 25)	HS22.2		118,000	118,000	122,000	146,000
Daviess	69.522	030800081L	SB	N Fork Panther Creek	180.00	30.5	83	ND	HS 20-44 (rehab deck is HS 25)	HS25.5		128,000	134,000	140,000	152,000
Daviess	69.522	030800081R	NB	N Fork Panther Creek	180.00	30.5	83	ND	HS 20-44 (rehab deck is HS 25)	HS25.5		128,000	134,000	140,000	152,000
Daviess	69.327	030800094L	SB	N Fork Panther Creek, Relief #1	155.00	30.5	83	ND	HS 20-44 (rehab deck is HS 25)	HS37.2		142,000	148,000	162,000	216,000
Daviess	69.327	030800094R	NB	N Fork Panther Creek, Relief #1	155.00	30.5	83	ND	HS 20-44 (rehab deck is HS 25)	HS37.2		142,000	148,000	162,000	216,000
Daviess	65.028	030800090L	SB	S Fork Panther Creek, Relief #2	155.00	30	83	ND	HS 20-44A	HS33.9		104,000	110,000	122,000	168,000
Daviess	65.028	030800090R	NB	S Fork Panther Creek, Relief #2	155.00	30	83	ND	HS 20-44A	HS33.9		104,000	110,000	122,000	168,000
Daviess	64.835	030800089L	SB	S Fork Panther Creek, Relief #1	155.00	30	83	ND	HS 20-44A	HS33.9		104,000	110,000	122,000	168,000
Daviess	64.835	030800089R	NB	S Fork Panther Creek, Relief #1	155.00	30	83	ND	HS 20-44A	HS33.9		104,000	110,000	122,000	168,000
Daviess	64.485	030800088L	SB	S Fork Panther Creek	169.50	30	83	ND	HS 20-44	HS32.2		134,000	142,000	162,000	232,000
Daviess	64.485	030800088R	NB	S Fork Panther Creek	169.50	30	83	ND	HS 20-44	HS32.2		134,000	142,000	162,000	232,000
Ohio	60.328	092800067L	SB	KY 764	168.00	30	83	ND	HS 20-44	HS27.8		150,000	144,000	144,000	162,000
Ohio	60.328	092800067R	NB	KY 764	168.00	30	83	ND	HS 20-44	HS27.8		150,000	144,000	144,000	162,000
Ohio	51.491	092800063L	SB	Rough River	245.10	30	71	ND	HS 20-44	HS20.0		86,000	88,000	92,000	108,000
Ohio	51.491	092800063R	NB	Rough River	245.10	30	71	ND	HS 20-44	HS20.0		86,000	88,000	92,000	108,000
Ohio	46.645	092800060L	SB	US 62	227.00	31	80	ND	HS 20-44	HS33.3		182,000	174,000	178,000	220,000
Ohio	46.645	092800060R	NB	US 62	227.00	31	80	ND	HS 20-44	HS33.3		182,000	174,000	178,000	220,000
Ohio	46.146	092800076L	SB	Pidgeon Creek	134.80	39	99	ND	HS 20-44	HS25.5		114,000	122,000	134,000	176,000
Ohio	46.146	092800076R	NB	Pidgeon Creek	134.80	39	99	ND	HS 20-44	HS25.5		114,000	122,000	134,000	176,000
Ohio	45.880	092800075L	SB	P&L Railway - Muddy Cr	236.90	30	82	ND	HS 20-44	HS27.3		126,000	120,000	124,000	160,000
Ohio	45.880	092800075R	NB	P&L Railway - Muddy Cr	236.90	30	82	ND	HS 20-44	HS27.3		126,000	120,000	124,000	160,000
Butler	34.816	016800061N		Green River	778.00	31 & 31 with median barrier	73	ND	HS 20-44	HS13.9	HS31.7	64,000	78,000	96,000	108,000
Butler	29.533	016800060L	SB	KY 70 (Veterans Hwy)	157.00	30	80.5	ND	HS 20-44	HS28.9		164,000	164,000	170,000	192,000
Butler	29.533	016800060R	NB	KY 70 (Veterans Hwy)	157.00	30	80.5	ND	HS 20-44	HS28.9		164,000	164,000	170,000	192,000
Butler	28.523	016800059L	SB	US 231/ KY 79 (S Main St/Bowling Green Rd)	176.00	30	80.4	ND	HS 20-44	HS27.3		142,000	142,000	144,000	156,000
Butler	28.523	016800059R	NB	US 231/ KY 79 (S Main St/Bowling Green Rd)	176.00	30	81.4	ND	HS 20-44	HS27.3		142,000	142,000	144,000	156,000
Butler	24.723	016800057L	SB	Little Muddy Ck	224.50	30	81.3	ND	HS 20-44	HS25.5		166,000	166,000	170,000	182,000
Butler	24.723	016800057R	NB	Little Muddy Ck	224.50	30	81.3	ND	HS 20-44	HS25.5		166,000	166,000	170,000	182,000

Bridge Characteristics (continued)
 Audubon Parkway, Natcher Parkway, and US 60
 Henderson to Bowling Green

COUNTY	MP	BRIDGE NO.	DIRECTION	FEATURES INTERSECTED	Length (FT)	WIDTH (GUTTER TO GUTTER)(FT)	SUFFICIENCY RATING	Structural Function ¹	DESIGN LOAD	INVENTORY RATING	OPERATING RATING	Load I (lbs)	Load II (lbs)	Load III (lbs)	Load IV (lbs)
Mainline Bridges - Natcher Parkway (continued)															
Warren	15.627	114B00054L	SB	Gasper River	258.00	30	82	ND	HS 20-44	HS27.3		136,000	142,000	154,000	194,000
Warren	15.627	114B00054R	NB	Gasper River	258.00	30	82	ND	HS 20-44	HS27.3		136,000	142,000	154,000	194,000
Warren	7.083	114B00053L	SB	US 68 (Russellville Rd)	220.00	30	80.3	ND	HS 20-44	HS32.2		144,000	152,000	164,000	212,000
Warren	7.083	114B00053R	NB	US 68 (Russellville Rd)	220.00	30	80.3	ND	HS 20-44	HS32.2		144,000	152,000	164,000	212,000
Warren	6.003	114B00052L	SB	CSX Railroad	194.00	30	82.9	FO	HS 20-44	HS25.0		140,000	146,000	158,000	176,000
Warren	6.003	114B00052R	NB	CSX Railroad	194.00	35.1	95.1	ND	HS 20-44	HS25.0		140,000	146,000	158,000	176,000
Warren	5.686	114B00051L	SB	US 31W (Nashville Rd)	202.00	30	79.2	ND	HS 20-44	HS18.9	HS31.1	86,000	88,000	98,000	112,000
Warren	5.686	114B00051R	NB	US 31W (Nashville Rd)	202.00	30	69.3	ND	HS 20-44	HS18.9	HS31.1	86,000	88,000	98,000	112,000
Warren	2.079		SB	I-65	412.50	54		ND	HS 25						
Warren	2.079		NB	I-65	412.50	54		ND	HS 25						

¹ Structural Function: ND = Not Determined, FO = Functionally Obsolete, SD = Structurally Deficient

Bridge Characteristics (continued)
Audubon Parkway, Natcher Parkway, and US 60
Henderson to Bowling Green

COUNTY	MP	BRIDGE NO.	FEATURES INTERSECTED	NB/WB MINIMUM VERTICAL CLEARANCE (FT) ²	SB/EB MINIMUM VERTICAL CLEARANCE (FT) ²	SUFFICIENCY RATING	STRUCTURAL FUNCTION ¹	NB/WB MINIMUM HORIZ CLEARANCE FROM OEL (FT)	SB/EB MINIMUM HORIZ CLEARANCE FROM OEL (FT)	DESIGN LOAD	INVENTORY RATING	OPERATING RATING
Overpass Bridges - Audubon Parkway												
Henderson	0.595	051B00074N	KY 812 (Airline Rd)	16.46 (CL)	16.81 (CL)	96.5	ND	45	48	H20-44	HS22.2	
Henderson	3.917	051B00075N	Posey Ball Rd	16.54 (CL)	16.72 (CL)	99	ND	48	45	H20-44	HS20.0	
Henderson	5.333	051B00076N	KY 1078	16.97 (CL)	16.31 (OEL)	98.9	ND	50	45	H20-44	HS23.9	
Henderson	7.888	051B00078N	Tom Smith Rd	16.51 (OEL)	17.17 (IES)	99	ND	48	50	H20-44	HS20.1	
Henderson	8.928	051B00079N	Alves Ferry Rd	16.56 (OES)	17.88 (IES)	99	ND	> 40	48	H20-44	HS21.1	
Henderson	10.141	051B00080N	KY 416	17.07 (OEL)	16.77 (CL)	97.3	ND	38.74	42.23	HS20-44	HS21.1	
Daviess	18.049	030B00063N	KY 1554	16.92 (CL)	16.75 (CL)	90.1	ND	> 45	N/A (guardrail)	H20-44	HS13.9	HS32.8
Daviess	19.711	030B00061N	KY 279	16.86 (CL)	16.81 (CL)	82.5	ND	> 45	> 50	H20-44	HS12.2	HS32.2
Daviess	20.799	030B00060N	Lyddane Bridge Rd	16.57 (CL)	16.55 (CL)	85.2	ND	> 50	> 45	H20-44	HS12.8	HS25.0
Overpass Bridges - US 60 Parkway												
Daviess	10.839	030B00058L	WB Audubon Pkwy	17.24 (IES)	16.90 (OEL)	78.4	FO	25	> 30	HS 20-44	HS22.8	
Daviess	10.849	030B00058R	EB Audubon Pkwy	18.49 (IES)	18.28 (OEL)	78.4	FO	25	> 30	HS 20-44	HS22.8	
Daviess	10.982	030B00071N	KY 2701 (W. 5th St. Rd.)	16.74 (CL)	16.42 (CL)	94	FO	> 40	> 30	HS20-44	HS22.2	
Daviess	11.611	030B00053N	KY 81 (W Parrish Ave)	15.61 (CL)	15.31 (CL)	82	ND	N/A (guardrail)	N/A (guardrail)	HS20-44	HS20.6	
Daviess	12.600	030B00156N	Carter Rd	16.5 (CL)	17.04 (CL/IEL)	98.1	ND	30.33 TO PIER 3	31.02 TO PIER 1	HS 25	HS18.9	HS31.7
Daviess	16.460	030B00163N	US 231 (New Hartford Rd)	17.73 (CL)	17.78 (CL)	92.3	ND	10.70 TO PIER 3	10.67 TO PIER 1	HS 25	HS18.9	HS61.1
Daviess	17.491	030B00085L	SB Natcher Pkwy	16.81 (IES)	16.64 (OEL)	76.4	FO	> 40	> 36	HS 20-44	HS21.7	
Daviess	17.499	030B00085R	NB Natcher Pkwy	18.01 (IES)	17.89 (OEL)	79.4	FO	> 40	> 36	HS 20-44	HS21.7	
Overpass Bridges - Natcher Parkway												
Daviess	71.705	030B00084N	Fairview Dr	16.22 (CL)	16.18 (CL)	77.9	ND	N/A (guardrail)	N/A (guardrail)	HS 20-44	HS26.6	
Daviess	70.281	030B00083N	KY 1456 (Newbolt Rd)	16.03 (CL)	16.06 (CL)	92.4	ND	N/A (guardrail)	N/A (guardrail)	H20-44	HS37.8	
Daviess	68.806	030B00093N	Sutherland Ln	16.35 (OEL)	18.04 (IEL)	75.6	ND	Guardrail	Guardrail	H20-44	HS11.7	HS61.1
Daviess	67.199	030B00092N	Masonville Habit Rd	16.52 (OEL)	16.24 (CL)	85.6	ND	Guardrail	Guardrail	H20-44	HS30.6	
Daviess	65.906	030B00091N	KY 142	17.39 (CL)	16.45 (OEL)	92.3	ND	Guardrail	Guardrail	H20-44	HS27.8	
Daviess	62.352	030B00086N	Crane Pond Rd	15.96 (CL)	16.08 (CL)	92.4	ND	Guardrail	Guardrail	H20-44	HS27.8	
Ohio	55.916	092B00065N	KY 1414	16.05 (OES)	17.84 (IEL)	92.3	ND	Guardrail	Guardrail	H20-44	HS21.1	
Ohio	52.655	092B00064N	Hoopee Hill Rd	16.41 (IES)	16.21 (OES)	89.5	ND	Guardrail	Guardrail	H20-44	HS16.7	HS28.9
Ohio	49.888	092B00062N	KY 69	16.52 (CL)	16.46 (CL)	88.5	ND	Guardrail	Guardrail	HS20-44	HS15.6	HS35.0
Ohio	47.588	092B00061N	Maples Rd	18.52 (OES)	16.74 (OES)	94.1	ND	Guardrail	Guardrail	H20-44	HS17.2	HS25.5
Ohio	45.323	092B00074N	Davis Rd	16.66 (OES)	17.85 (IES)	94.9	ND	Guardrail	Guardrail	H20-44	HS17.8	HS28.4
Ohio	43.343	092B00072L	WB W. KY Pkwy	16.57 (CL)	17.35 (CL)	85	FO	Guardrail	Guardrail	HS 20-44	HS30.0	
Ohio	43.311	092B00072R	EB W. KY Pkwy	17.32 (CL)	18.04 (CL)	95	FO	Guardrail	Guardrail	HS 20-44	HS30.0	
Ohio	40.599	092B00070N	Cromwell Rd	18.09 (IES)	16.39 (OES)	94.1	ND	Guardrail	Guardrail	H 20-44	HS17.2	HS27.8
Ohio	39.064	092B00069N	KY 505	17.89 (IES)	16.62 (OES)	84.9	ND	Guardrail	Guardrail	H 20-44	HS15.0	HS25.0
Butler	35.932	016B00054N	US 231 (Beaver Dam Rd)	19.19 (IEL)	16.88 (OEL)	88.7	ND	26.13	30.82	HS 20-44	HS15.0	HS40.5
Butler	33.741	016B00053N	KY 403 (Logansport Rd)	17.34 (IES)	15.76 (OES)	94	ND	Guardrail	Guardrail	H20-44	HS23.0	
Butler	26.957	016B00063N	Cool Springs Rd	17.38 (OES)	16.28 (OES)	76.5	FO	Guardrail	Guardrail	H20-44	HS25.2	
Butler	25.810	016B00062N	KY 403 (Woodbury Loop)	16.20 (OES)	17.98 (IES)	79.1	ND	32.91 to Rock	28.90	H20-44	HS12.6	HS21.1
Warren	17.201	114B00056N	KY 626 (Highland Church Rd)	18.52 (IES)	17.22 (OES)	90.9	ND	Guardrail	Guardrail	H 20-44	HS18.3	HS30.0
Warren	12.564	114B00060N	Prices Chapel Rd	16.27 (OES)	19.14 (IES)	71.2	ND	Guardrail	Guardrail	H 20-44	HS9.4	HS9.4
Warren	11.771	114B00059N	KY 2665 (Glen Lily Rd)	>40	>40	70.8	ND	25.15 NB Side Pier Wall to OEL	25.98 SB Side Pier Wall to OEL	H 20-44	HS11.1	HS18.5
Warren	10.220	114B00058N	KY 2665 (Glen Lily Rd)	18.96 (OES)	16.78 (OES)	95.6	ND	Guardrail	Guardrail	H 20-44	HS18.3	HS27.8
Warren	9.523	114B00055N	US 231 (Morgantown Rd)	16.31 (CL)	16.41 (CL)	96.1	ND	18.41 (OEL to pier) 7.88 (OES to pier)	18.57 (OEL to pier) 8.07 (OES to pier)	HS 20-44	HS18.9	HS36.1
Warren	3.699	114B00057N	Elrod Rd	16.78 (OES)	17.05 (OES)	98	ND	Guardrail	Guardrail	H20-44	HS21.1	
Warren	2.591	114B00050N	Three Springs Rd	17.99 (IES)	16.27 (OES)	74.6	FO	Guardrail	Guardrail	H20-44	HS18.3	HS28.9

¹ Structural Function: ND = Not Determined, FO = Functionally Obsolete, SD = Structurally Deficient

² IES- Inside Edge of Shoulder; IEL- Inside Edge of Lane; CL-Center Line; OEL-Outside Edge of Lane; OES-Outside Edge of Shoulder

Bridge Characteristics (continued)
Audubon Parkway, Natcher Parkway, and US 60
Henderson to Bowling Green

Culverts - Audubon Parkway

COUNTY	CULVERT NO.	MP	SUFFICIENCY RATING	STRUCTURAL FUNCTION ¹	DESIGN LOAD	INVENTORY RATING	OPERATING RATING	LOCATION
Henderson	051B00070N	11.362	63.1	FO	HS20-44	HS20.0		24' x 20' barrel - Eutopia Rd
Henderson	051B00071N	13.360	53.7	FO	HS20-44	HS11.1	HS22.2	20' x 20' barrel - Curdsville Rd
Daviess	030B00062N	18.727	68	ND	HS 20	HS61.2		Rhodes Ck

Culverts - Natcher Parkway

Daviess	030B00087N	63.251	53.5	FO	HS 20-44	HS11.1	HS22.2	24' x 15' barrel - Poplar Log Bridge Rd
Ohio	092B00066N	57.829	63.4	ND	HS 20-44	HS11.1	HS33.3	Double-barrel, ea. barrel is 10' x 6' - Barnett Ck
Ohio	092B00073N	44.734	63.4	ND	HS 20-44	HS11.1	HS33.3	Double-barrel, ea. barrel is 12' x 9' - Three Lick Fork
Ohio	092B00071N	42.091	56.5	FO	HS 20-44	HS11.1	HS22.2	24' x 15' barrel - Bald Knob Rd
Ohio	092B00068N	38.565		ND	H 20-44	HS11.1	HS18.5	Double-barrel, ea. barrel is 16' x 7' - W Pong Indian Camp Ck
Butler	016B00058N	28.334	83.7	ND	HS 20-44A	HS20.0		Double-barrel, ea. barrel is 16' x 7' - Renfro Ck
Butler	016B00056N	22.927	69	ND	HS 20-44A	HS20.0		24' x 15' barrel - KY 1435
Butler	016B00055N	21.208	77.3	FO	HS 20-44	HS20.0		24' x 15' barrel - Landing Rd

¹ Structural Function: ND = Not Determined, FO = Functionally Obsolete, SD = Structurally Deficient

Horizontal and Vertical Curve Data

Audubon Parkway

Henderson to Owensboro

URBAN/RURAL	STATION	MP	GRADE		VERTICAL LENGTH OF CURVE		HORIZONTAL CURVE		STOPPING SIGHT DISTANCE	
			IN %	OUT %	MINIMUM CRITERIA (FT)	ACTUAL (FT)	e	RADIUS ¹ ACTUAL (FT)	MINIMUM CRITERIA (FT)	ACTUAL (FT)
Henderson County - MP 0.00										
URBAN	117+50	0.425	-2.22	0.56	267	400	-	-	425	734
URBAN	126+50	0.463	0.56	-0.50	89	400	-	-	425	1218
RURAL	136+50	0.653	-0.50	0.50	181	400	-	-	730	1506
RURAL	154+13	0.987	-	-	-	-	0.048	ILLEGIBLE	-	-
RURAL	172+00	1.325	0.50	-0.50	247	700	-	-	730	1429
RURAL	203+00	1.912	-0.50	0.51	182	400	-	-	730	1498
RURAL	218+50	2.206	0.51	-1.00	371	600	-	-	730	1017
RURAL	235+00	2.518	-1.00	0.30	235	400	-	-	730	1183
RURAL	270+00	3.181	0.30	0.96	119	400	-	-	730	2239
RURAL	287+50	3.513	0.96	-0.50	360	700	-	-	730	1090
RURAL	302+00	3.787	-0.50	1.00	272	400	-	-	730	1036
RURAL	313+50	3.992	1.00	-1.21	547	900	-	-	730	937
RURAL	324+00	4.191	-1.21	0.50	310	400	-	-	730	918
RURAL	334+00	4.380	0.50	-0.50	247	600	-	-	730	1379
RURAL	349+00	4.647	-0.50	0.52	184	500	-	-	730	1827
RURAL	365+50	4.959	0.52	0.92	73	400	-	-	730	3580
RURAL	405+00	5.707	0.92	-2.36	810	1500	-	-	730	993
RURAL	425+00	6.086	-2.36	0.50	517	600	-	-	730	954
RURAL	433+50	6.247	0.50	-0.50	247	400	-	-	730	1279
RURAL	438+50	6.342	-0.50	1.00	272	400	-	-	730	1036
RURAL	448+50	6.531	1.00	3.00	362	400	-	-	730	2400
RURAL	460+00	6.749	3.00	-1.50	1112	1800	-	-	730	929
RURAL	473+00	6.995	-1.50	0.50	362	400	-	-	730	2400
RURAL	487+00	7.260	0.50	2.00	272	400	-	-	730	1036
RURAL	503+63	7.575	-	-	-	-	0.024	11459	-	-
RURAL	510+00	7.696	2.00	-1.04	750	1200	-	-	730	924
RURAL	524+00	7.946	-1.04	-0.50	97	400	-	-	730	2727
RURAL	552+00	8.442	-0.50	2.38	521	800	-	-	730	1198
RURAL	575+50	8.887	2.38	-2.13	1112	2600	-	-	730	1116
RURAL	602+00	9.389	-2.13	0.50	475	800	-	-	730	1428
RURAL	629+61	9.912	-	-	-	-	0.024	11459	-	-
RURAL	645+00	10.203	0.50	2.66	391	800	-	-	730	2595
RURAL	665+00	10.582	2.66	-1.90	1126	2000	-	-	730	973
RURAL	703+00	11.302	-1.90	3.00	887	1000	-	-	730	815
RURAL	733+00	11.902	3.00	-2.84	1442	2400	-	-	730	942
RURAL	764+50	12.517	-2.84	2.50	966	1000	-	-	730	755
RURAL	780+00	12.811	2.50	-2.00	1112	1900	-	-	730	955
RURAL	795+00	13.095	-2.00	1.29	595	700	-	-	730	879
RURAL	809+00	13.360	1.29	-0.50	441	900	-	-	730	1054
RURAL	820+00	13.568	-0.50	0.50	181	600	-	-	730	2209
RURAL	829+50	13.748	-	-	-	-	RC	22918	-	-
RURAL	849+00	14.118	0.50	-2.91	842	1500	-	-	730	974
RURAL	872+00	14.553	-2.91	-1.28	295	400	-	-	730	961
RURAL	886+00	14.818	-1.28	-0.51	139	400	-	-	730	1931
RURAL	903+96	15.158	-	-	-	-	0.06	4583	-	-
RURAL	906+00	15.197	-0.51	0.00	93	400	-	-	730	2844
RURAL	923+25	15.524	0.00	3.00	543	800	-	-	730	1120
Daviss County - MP 15.88										
RURAL	942+50	15.888	3.00	-3.00	1482	2400	-	-	730	929
RURAL	946+39	16.605	-3.00	-0.53	447	800	-	-	730	1650
RURAL	937+63	16.439	-	-	-	-	0.08	3274	-	-
RURAL	939+50	16.474	-0.53	1.14	302	2000	-	-	730	4300
RURAL	969+50	17.042	1.14	-1.26	593	1600	-	-	730	1199
RURAL	986+50	17.364	-1.26	0.00	228	800	-	-	730	2331
RURAL	1022+00	18.037	0.00	-0.86	212	800	-	-	730	1655

Horizontal and Vertical Curve Data (continued)

Audubon Parkway
Henderson to Owensboro

URBAN/RURAL	STATION	MP	GRADE		VERTICAL LENGTH OF CURVE		HORIZONTAL CURVE		STOPPING SIGHT DISTANCE	
			IN %	OUT %	MINIMUM CRITERIA (FT)	ACTUAL (FT)	e	RADIUS ¹ ACTUAL (FT)	MINIMUM CRITERIA (FT)	ACTUAL (FT)
RURAL	1038+25	18.345	-0.86	0.00	156	800	-	-	730	3366
RURAL	1082+50	19.183	0.00	0.50	91	1000	-	-	730	7112
URBAN	1110+50	19.713	0.50	0.00	42	800	-	-	425	2558
URBAN	1138+00	20.217	0.00	-0.16	13	600	-	-	425	7044
URBAN	1163+00	20.691	-0.16	0.00	15	800	-	-	425	17614
URBAN	1193+64	21.271	0.00	0.50	48	600	-	-	425	4311
URBAN	1195+66	21.309	-	-	-	-	0.024	11459	-	-
URBAN	1205+00	21.486	0.50	-0.42	77	800	-	-	425	1572
URBAN	1218+50	21.742	-0.42	0.00	40	800	-	-	425	6763
URBAN	1258+50	22.499	0.00	2.00	192	600	-	-	425	3200
URBAN	1269+50	22.708	2.00	-2.00	336	1600	-	-	425	929
URBAN	1280+00	22.907	-2.00	-0.36	158	500			425	1169
URBAN	1282+22	22.949	-	-	-	-	RC	22919	-	-
URBAN	1294+00	23.172	-0.36	2.50	274	800			425	1213
URBAN	1308+00	23.437	2.50	-2.50	420	2000			425	929
URBAN	1115+00	21.245	3.84	-3.87	648	1300	-	-	425	603
URBAN	1126+50	21.463	-3.87	1.07	475	1000	-	-	425	808
URBAN	1132+93	21.585	-	-	-	-	0.06	1145.92	-	-
URBAN	1143+00	21.775	1.07	-0.17	104	300	-	-	425	1021

Horizontal and Vertical Curve Data

William H. Natcher Parkway

Bowling Green to Owensboro

URBAN/RURAL	STATION	MP	GRADE		VERTICAL LENGTH OF CURVE		HORIZONTAL CURVE		STOPPING SIGHT DISTANCE	
			IN %	OUT %	MINIMUM CRITERIA (FT)	ACTUAL (FT)	e	RADIUS ¹ ACTUAL (FT)	MINIMUM CRITERIA (FT)	ACTUAL (FT)
Warren County - MP 2.079										
URBAN	934+00	2.070	2.00	-2.00	336	1600	-	-	425	929
URBAN	955+78	2.482	-	-	-	-	0.058	3820	-	-
URBAN	955+00	2.467	-2.00	-0.75	120	600	-	-	425	1787
URBAN	971+50	2.780	-0.75	0.50	120	600	-	-	425	1787
URBAN	1021+00	3.717	0.50	-0.50	84	600	-	-	425	1379
URBAN	1058+52	4.452	-	-	-	-	0.039	5730	-	-
URBAN	1086+50	4.982	-0.50	0.89	133	600	-	-	425	1619
URBAN	1109+37	5.415	-	-	-	-	RC	11459	-	-
URBAN	1109+50	5.418	0.89	2.59	164	600	-	-	425	1338
URBAN	1123+50	5.683	2.59	-0.58	266	1300	-	-	425	941
URBAN	1145+00	6.090	-0.58	-2.60	170	800	-	-	425	933
URBAN	1154+00	6.260	-2.60	-0.60	192	600	-	-	425	3155
URBAN	1168+59	6.537	-	-	-	-	0.049	4584	-	-
URBAN	1182+50	6.910	-0.60	0.50	105	600	-	-	425	2024
URBAN	1191+50	7.080	0.50	-1.74	188	1000	-	-	425	982
URBAN	1205+00	7.336	-1.74	1.42	303	800	-	-	425	1040
URBAN	1230+00	7.809	1.42	-1.50	245	1300	-	-	425	980
URBAN	1273+00	8.624	-1.50	0.55	197	600	-	-	425	2681
URBAN	1284+00	8.832	0.55	-0.50	89	600	-	-	425	1323
URBAN	1297+27	9.083	-	-	-	-	NC	22918	-	-
URBAN	1316+00	9.433	-0.50	1.00	144	600	-	-	425	1506
URBAN	1341+00	9.907	1.00	3.00	192	800	-	-	425	4000
RURAL	1366+00	10.380	3.00	-1.50	1112	2000	-	-	730	979
RURAL	1378+39	10.615	-	-	-	-	0.029	7639	-	-
RURAL	1394+00	10.910	-1.50	4.00	996	1200	-	-	730	865
RURAL	1435+00	11.687	4.00	-1.00	1235	2200	-	-	730	974
RURAL	1454+25	12.052	-	-	-	-	NC	22918	-	-
RURAL	1461+00	12.179	-1.00	3.00	724	1200	-	-	730	1154
RURAL	1481+00	12.558	3.00	-3.00	1482	2600	-	-	730	967
RURAL	1505+00	13.013	-3.00	-0.52	449	600	-	-	730	1293
RURAL	1518+04	13.260	-	-	-	-	0.029	7639	-	-
RURAL	1532+00	13.524	-0.52	-4.00	860	1600	-	-	730	996
RURAL	1581+50	14.465	-4.00	-0.80	579	800	-	-	730	1021
RURAL	1581+58	14.467	-	-	-	-	NC	22918	-	-
RURAL	1607+00	14.948	-0.80	0.51	236	600	-	-	730	1716
RURAL	1616+50	15.128	0.51	-0.30	199	600	-	-	730	1640
RURAL	1626+68	15.321	-	-	-	-	0.058	3820	-	-
RURAL	1633+00	15.441	-0.30	0.50	145	600	-	-	730	2735
RURAL	1657+50	15.905	0.50	4.00	634	800	-	-	730	914
RURAL	1684+98	16.425	-	-	-	-	RC	11459	-	-
RURAL	1684+98	16.425	4.00	2.24	434	1200	-	-	730	1214
RURAL	1730+35	17.285	-	-	-	-	NC	22918	-	-
RURAL	1732+00	17.316	2.24	-4.00	1542	2600	-	-	730	948
RURAL	1759+00	17.827	-4.00	4.00	1448	1600	-	-	730	800
RURAL	1780+50	18.234	4.00	-1.00	1235	2200	-	-	730	974
RURAL	1783+50	18.291	-	-	-	-	RC	11459	-	-
RURAL	1815+00	18.888	-1.00	-3.50	618	1200	-	-	730	1018
RURAL	1839+50	19.352	-3.50	2.81	1142	1400	-	-	730	878
RURAL	1855+92	19.663	-	-	-	-	RC	11459	-	-
RURAL	1883+00	20.144	2.81	-2.80	1385	2000	-	-	730	877
Butler County - MP 20.246										
RURAL	1904+77	20.556	-	-	-	-	0.058	3820	-	-
RURAL	1923+00	20.902	-2.80	1.71	817	1000	-	-	730	876

Horizontal and Vertical Curve Data (continued)

William H. Natcher Parkway

Bowling Green to Owensboro

URBAN/RURAL	STATION	MP	GRADE		VERTICAL LENGTH OF CURVE		HORIZONTAL CURVE		STOPPING SIGHT DISTANCE	
			IN %	OUT %	MINIMUM CRITERIA (FT)	ACTUAL (FT)	e	RADIUS ¹ ACTUAL (FT)	MINIMUM CRITERIA (FT)	ACTUAL (FT)
RURAL	1944+00	21.299	1.71	-3.00	1164	2000	-	-	730	957
RURAL	1972+08	21.831	-	-	-	-	0.0156	11459	-	-
RURAL	1981+00	22.000	-3.00	-0.57	440	2000	-	-	730	3857
RURAL	2005+00	22.455	-0.57	-0.23	61	1000	-	-	730	10504
RURAL	2020+00	22.739	-0.23	1.96	396	600	-	-	730	1953
RURAL	2030+00	22.928	1.96	-1.55	867	1400	-	-	730	928
RURAL	2053+00	23.364	-1.55	1.66	582	1300	-	-	730	1564
RURAL	2073+00	23.742	1.66	-1.79	851	1600	-	-	730	1001
RURAL	2087+00	24.008	-1.79	1.10	522	1000	-	-	730	1448
RURAL	2112+50	24.491	1.10	-2.10	791	1400	-	-	730	972
RURAL	2132+00	24.860	-2.10	3.08	938	1400	-	-	730	1048
RURAL	2156+00	25.320	3.08	-1.23	1065	2000	-	-	730	1001
RURAL	2182+00	25.812	-1.23	-0.50	132	1000	-	-	730	4911
RURAL	2192+00	26.002	-0.50	0.54	188	1000	-	-	730	3474
RURAL	2197+53	26.107	-	-	-	-	0.029	7639	-	-
RURAL	2213+00	26.400	0.54	2.62	377	1000	-	-	730	3752
RURAL	2242+00	26.949	2.62	-2.12	1172	2000	-	-	730	954
RURAL	2261+00	27.309	-2.12	-2.88	187	1000	-	-	730	1928
RURAL	2286+00	27.782	-2.88	1.46	786	1200	-	-	730	1070
RURAL	2300+00	28.047	1.46	-1.81	808	1400	-	-	730	961
RURAL	2313+00	28.294	-1.81	1.13	532	800	-	-	730	1159
RURAL	2339+00	28.786	1.13	-0.50	402	1600	-	-	730	1456
RURAL	2347+14	28.940	-	-	-	-	0.029	7639	-	-
RURAL	2353+50	29.056	-0.50	1.50	362	1000	-	-	730	4800
RURAL	2378+00	29.520	1.50	-0.50	494	1350	-	-	730	1207
RURAL	2396+00	29.861	-0.50	2.50	543	1000	-	-	730	1360
RURAL	2399+52	29.928	-	-	-	-	RC	11459	-	-
RURAL	2427+00	30.448	2.50	-2.67	1278	2100	-	-	730	936
RURAL	2450+00	30.884	-2.67	1.00	665	1000	-	-	730	1059
RURAL	2461+71	31.106	-	-	-	-	RC	11459	-	-
RURAL	2481+00	31.471	1.00	-4.00	1235	2200	-	-	730	974
RURAL	2507+00	31.963	-4.00	2.50	1177	1300	-	-	730	800
RURAL	2528+08	32.362	-	-	-	-	NC	22918	-	-
RURAL	2539+00	32.569	2.50	3.70	217	600	-	-	730	1858
RURAL	2554+00	32.853	3.70	-1.50	1284	2100	-	-	730	934
RURAL	2586+98	33.478	-	-	-	-	0.058	3820	-	-
RURAL	2590+00	33.535	-1.50	-2.50	247	1000	-	-	730	1579
RURAL	2670+00	35.050	-2.50	0.55	552	1000	-	-	730	1326
RURAL	2647+00	34.615	0.55	3.00	443	600	-	-	730	1337
RURAL	2657+35	34.811	3.00	-3.00	1482	2400	-	-	730	929
RURAL	2679+00	35.217	-3.00	1.28	775	1200	-	-	730	1084
RURAL	2714+50	35.890	1.28	-1.50	687	3700	-	-	730	1694
RURAL	2715+92	35.916	-	-	-	-	NC	22918	-	-
RURAL	2740+50	36.382	-1.50	1.00	453	800	-	-	730	1600
RURAL	2760+41	36.759	-	-	-	-	0.058	3820	-	-
RURAL	2776+10	37.056	1.00	-2.00	741	1250	-	-	730	948
Ohio County - MP 37.143										
RURAL	2784+50	37.415	-2.00	3.00	905	1000	-	-	730	800
RURAL	2810+00	37.898	3.00	-1.70	1161	2100	-	-	730	982
RURAL	2836+47	38.399	-	-	-	-	RC	11459	-	-
RURAL	2828+50	38.248	-1.70	-1.98	70	600	-	-	730	4126
RURAL	2849+00	38.637	-1.98	1.31	595	800	-	-	730	985
RURAL	2885+50	39.328	1.31	-0.50	446	1000	-	-	730	1097
RURAL	2910+73	39.806	-	-	-	-	NC	22918	-	-

Horizontal and Vertical Curve Data (continued)

William H. Natcher Parkway

Bowling Green to Owensboro

URBAN/RURAL	STATION	MP	GRADE		VERTICAL LENGTH OF CURVE		HORIZONTAL CURVE		STOPPING SIGHT DISTANCE	
			IN %	OUT %	MINIMUM CRITERIA (FT)	ACTUAL (FT)	e	RADIUS ¹ ACTUAL (FT)	MINIMUM CRITERIA (FT)	ACTUAL (FT)
RURAL	2925+00	40.076	-0.50	2.00	453	1000	-	-	730	1933
RURAL	2945+80	40.470	2.00	-0.50	618	1000	-	-	730	929
RURAL	2953+62	40.618	-	-	-	-	0.029	7639	-	-
RURAL	2994+00	41.383	-0.50	0.50	181	800	-	-	730	2910
RURAL	3012+00	41.724	0.50	-0.76	311	800	-	-	730	1256
RURAL	3025+50	41.979	-0.76	1.45	399	600	-	-	730	1891
RURAL	3031+57	42.094	-	-	-	-	NC	22918	-	-
RURAL	3041+00	42.273	1.45	-1.00	604	1000	-	-	730	939
RURAL	3082+00	43.049	-1.00	0.54	279	1000	-	-	730	2381
RURAL	3101+00	43.409	0.54	1.00	83	800	-	-	730	6209
RURAL	3112+00	43.618	1.00	-0.54	380	800	-	-	730	1102
RURAL	3118+81	43.747	-	-	-	-	RC	11459	-	-
RURAL	3136+00	44.072	-0.54	1.12	300	800	-	-	730	1797
RURAL	3154+00	44.413	1.12	-3.00	1018	1700	-	-	730	944
RURAL	3173+00	44.773	-3.00	0.50	634	1400	-	-	730	1514
RURAL	3195+00	45.190	0.50	1.32	148	800	-	-	730	3525
RURAL	3218+00	45.625	1.32	-2.00	820	1400	-	-	730	954
RURAL	3243+00	46.099	-2.00	1.11	563	1800	-	-	730	2207
RURAL	3276+00	46.724	1.11	-1.31	597	950	-	-	730	921
RURAL	3277+52	46.753	-	-	-	-	RC	11459	-	-
RURAL	3297+00	47.171	-1.31	1.50	509	800	-	-	730	1249
RURAL	3320+50	47.617	1.50	-2.55	1001	1700	-	-	730	951
RURAL	3339+00	47.967	-2.55	2.34	886	900	-	-	730	743
RURAL	3363+49	48.431	-	-	-	-	0.029	7639	-	-
RURAL	3366+00	48.478	2.34	-2.53	1202	2000	-	-	730	942
RURAL	3388+00	48.895	-2.53	1.01	640	2000	-	-	730	2092
RURAL	3404+56	49.209	-	-	-	-	0.029	7639	-	-
RURAL	3415+00	49.406	1.01	-1.00	496	800	-	-	730	937
RURAL	3440+00	49.880	-1.00	3.00	724	1600	-	-	730	1506
RURAL	3459+50	50.249	3.00	-1.40	1087	1800	-	-	730	940
RURAL	3480+00	50.637	-1.40	1.08	449	1000	-	-	730	1973
RURAL	3499+00	50.997	1.08	-2.56	899	1500	-	-	730	943
RURAL	3522+50	51.442	-2.56	0.60	572	1800	-	-	730	2159
RURAL	3541+00	51.793	0.60	1.00	72	800	-	-	730	7112
RURAL	3558+00	52.115	1.00	2.32	239	800	-	-	730	2230
RURAL	3559+47	52.143	-	-	-	-	0.039	5730	-	-
RURAL	3582+00	52.569	2.32	1.40	227	800	-	-	730	1573
RURAL	3586+07	52.646	-	-	-	-	NC	22918	-	-
RURAL	3611+61	53.130	-	-	-	-	RC	11459	-	-
RURAL	3631+50	53.507	1.40	-2.70	1013	1800	-	-	730	973
RURAL	3636+45	53.600	-	-	-	-	NC	22918	-	-
RURAL	3647+00	53.800	-2.70	1.88	829	800	-	-	730	710
RURAL	3663+50	54.113	1.88	-2.57	1099	1900	-	-	730	960
RURAL	3678+50	54.397	-2.57	3.00	1008	1100	-	-	730	791
RURAL	3684+50	55.121	3.00	-4.00	1729	2800	-	-	730	929
RURAL	3708+50	55.575	-4.00	-1.35	481	600	-	-	730	1101
RURAL	3712+24	55.646	-	-	-	-	RC	11459	-	-
RURAL	3723+00	55.850	-1.35	-2.00	162	600	-	-	730	1947
RURAL	3758+00	56.513	-2.00	3.00	905	1000	-	-	730	800
RURAL	3791+00	57.138	3.00	-3.00	1482	2500	-	-	730	948
RURAL	3828+00	57.838	-3.00	2.86	1060	1200	-	-	730	818
RURAL	3859+00	58.425	2.86	-3.00	1446	2400	-	-	730	941
RURAL	3881+00	58.842	-3.00	3.00	1086	1600	-	-	730	1036
RURAL	3905+00	59.297	3.00	1.00	494	800	-	-	730	940
RURAL	3936+00	59.881	1.00	-3.00	988	1800	-	-	730	985

Horizontal and Vertical Curve Data (continued)

William H. Natcher Parkway
Bowling Green to Owensboro

URBAN/RURAL	STATION	MP	GRADE		VERTICAL LENGTH OF CURVE		HORIZONTAL CURVE		STOPPING SIGHT DISTANCE	
			IN %	OUT %	MINIMUM CRITERIA (FT)	ACTUAL (FT)	e	RADIUS ¹ ACTUAL (FT)	MINIMUM CRITERIA (FT)	ACTUAL (FT)
RURAL	3953+00	60.203	-3.00	1.00	724	800	-	-	730	800
RURAL	3956+08	60.262	-	-	-	-	NC	22918	-	-
RURAL	3975+00	60.620	1.00	-2.28	810	1400	-	-	730	960
RURAL	4010+00	61.283	-2.28	-0.56	311	800	-	-	730	1735
Davies County - MP 61.553										
RURAL	4027+06	61.606	-	-	-	-	RC	11460	-	-
RURAL	4030+00	61.662	-0.56	1.60	391	800	-	-	730	2595
RURAL	4068+00	62.381	1.60	-1.31	718	4150	-	-	730	1755
RURAL	4113+00	63.234	-1.31	0.42	313	600	-	-	730	1321
RURAL	4120+50	63.376	0.42	2.60	395	600	-	-	730	1986
RURAL	4135+00	63.650	2.60	-1.86	1102	2000	-	-	730	984
RURAL	4170+00	64.313	-1.86	-0.54	240	600	-	-	730	1692
RURAL	4182+00	64.541	-0.54	0.00	97	800	-	-	730	5346
RURAL	4212+18	65.112	-	-	-	-	0.029	8594	-	-
RURAL	4227+00	65.393	0.00	1.03	186	600	-	-	730	2157
RURAL	4260+00	66.018	1.03	-1.70	673	1200	-	-	730	975
RURAL	4276+00	66.321	-1.70	-0.50	217	600	-	-	730	1858
RURAL	4287+00	66.529	-0.50	0.50	181	1000	-	-	730	3611
RURAL	4295+71	66.694	-	-	-	-	0.029	8594	-	-
RURAL	4301+00	66.794	-0.50	1.50	362	800	-	-	730	4000
RURAL	4313+50	67.031	1.50	-1.50	741	1200	-	-	730	929
RURAL	4326+50	67.241	-1.50	0.50	362	1400	-	-	730	6400
RURAL	4337+50	67.450	0.50	-0.50	247	800	-	-	730	1479
RURAL	4367+00	68.008	-0.50	0.50	181	800	-	-	730	2910
RURAL	4393+21	68.505	-	-	-	-	NC	22918	-	-
RURAL	4405+00	68.728	0.50	-2.00	618	1200	-	-	730	1018
RURAL	4415+85	68.933	-2.00	0.00	362	600	-	-	730	3200
RURAL	4478+00	70.111	0.00	0.50	91	600	-	-	730	4311
RURAL	4486+01	70.262	-	-	-	-	NC	22918	-	-
URBAN	4519+00	70.887	0.50	1.10	109	600	-	-	425	3611
URBAN	4562+00	71.701	1.10	-1.00	519	1800	-	-	425	1360
URBAN	4592+00	72.270	-1.00	-2.50	371	1200	-	-	425	1319

Horizontal and Vertical Curve Data

US 60

Owensboro

URBAN/RURAL	STATION	MP	GRADE		VERTICAL LENGTH OF CURVE		HORIZONTAL CURVE		STOPPING SIGHT DISTANCE	
			IN %	OUT %	MINIMUM CRITERIA (FT)	ACTUAL (FT)	e	RADIUS ¹ ACTUAL (FT)	MINIMUM CRITERIA (FT)	ACTUAL (FT)
Daviss County - MP 10.85										
URBAN	121+50	10.711	-0.13	-0.40	23	800	-	-	425	4352
URBAN	126+11	10.798	-	-	-	-	RC	11459	-	-
URBAN	142+50	11.109	-0.40	0.48	84	1600	-	-	425	6476
URBAN	157+50	11.393	0.48	-0.40	74	1000	-	-	425	1726
URBAN	142+50	11.112	-0.40	0.60	96	700	-	-	425	2559
URBAN	179+50	11.813	0.60	2.60	192	500	-	-	425	2800
URBAN	190+50	12.021	2.60	-2.62	438	1500	-	-	425	788
URBAN	201+00	12.220	-2.62	-0.40	213	500	-	-	425	1609
URBAN	202+88	12.255	-	-	-	-	0.028	5730	-	-
URBAN	214+00	12.466	-0.40	0.00	38	800	-	-	425	7112
URBAN	262+50	13.385	0.00	2.80	269	400	-	-	425	724
URBAN	272+75	13.579	2.80	-2.80	470	1500	-	-	425	760
URBAN	283+00	13.773	-2.80	0.00	269	400	-	-	425	724
URBAN	291+59	13.936	-	-	-	-	0.028	5730	-	-
URBAN	305+73	14.203	0.00	2.00	192	500	-	-	425	2800
URBAN	317+52	14.427	2.00	-2.00	336	1200	-	-	425	805
URBAN	332+35	14.698	-2.00	3.00	480	1000	-	-	425	800
URBAN	350+13	15.035	3.00	-2.90	496	2000	-	-	425	855
URBAN	367+70	15.367	-2.90	0.00	278	800	-	-	425	1183
URBAN	380+68	15.613	-	-	-	-	0.042	3820	-	-
URBAN	401+60	16.009	0.00	3.00	288	800	-	-	425	1120
URBAN	413+50	16.235	3.00	-1.86	408	1300	-	-	425	760
URBAN	424+00	16.434	-1.86	2.00	371	700	-	-	425	735
URBAN	447+00	16.869	2.00	-2.91	413	1225	-	-	425	734
URBAN	460+00	17.119	-2.91	-0.36	245	600	-	-	425	1203
URBAN	484+10	17.575	-	-	-	-	0.058	ILLEGIBLE	-	-
URBAN	487+50	17.640	-0.36	2.50	275	800	-	-	425	1211
URBAN	501+51	17.905	2.50	-2.50	420	1250	-	-	425	735

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

Interchange Ramp Data
Audubon Parkway, Natcher Parkway, and US 60
Henderson to Bowling Green

COUNTY	MP	PLAN YEAR	INTERSECTING ROUTE	EXIT NUMBER	ENTRANCE	EXIT	TYPE	LANE WIDTH	SHOULDER		DIVERGENCE ANGLE ¹	ENTRANCE/EXIT RADIUS (FEET)	ENTRANCE/EXIT RADIUS DESIGN SPEED (MPH) ²	RAMP/ LOOP RADIUS (FEET)	PARALLEL LENGTH MEASURED (FEET)	TAPER LENGTH MEASURED (FEET)	TAPER LENGTH (FEET)	SUPER-ELEVATION
									LT	RT								
Interchanges - Audubon Parkway																		
Henderson	0.000	1968	Pennyrile Pwky	1	Ramp A		-	-	-	-		-	-	-			-	-
					Ramp B		-	-	-	-		-	-	-			-	-
					Ramp C	Taper	15	4	6	4° 15'	716	51	none		196	459.25	0.1	
					Ramp D		-	15	4	6		716	51	none			0.1	
Henderson	5.333	1985	KY 1078	5	Ramp A		Parallel	15	4	6		716	41	none	339+346	367		0.084
					Ramp B	Taper	15	4	6	4° 01'	716	41	395		220	541.2	0.084	
					Ramp C		Parallel	15	4	6		716	41	none	392+313	348		0.084
					Ramp D	Taper	15	4	6	3° 49'	716	41	1432.33		328		0.084	
Henderson	10.141	1969	KY 416	10	Ramp A		Loop	16	4	6		230	26	667 / 234	220			0.1
					Ramp B		Loop	16	4	6		150	24	285			0.1	
					Ramp C		Loop	16	4	6		150	24	602 / 324	240			0.1
					Ramp D		Loop	16	4	6		230	26	758 / 241				0.1
Daviness	18.049	1983	KY 1554	18	Ramp A		Taper	15	4	6	3° 58'	716	41	488		208	541.2	0.084
					Ramp B		Loop	15	4	6		230	32	230	470+170	355		0.1
					Ramp C		Parallel	15	4	6		819	41	none	614+256	301		0.077
					Ramp D		Taper	15	4	6	3° 51'	716	41	none		209		0.084
Daviness	23.432	1961	US 60	24	Ramp A		-	15	4	6	-	-	-	-	-	-	-	-
					Ramp B		-	15	4	6	-	-	-	-	-	-	-	-
					Ramp C	Taper	15	4	6	4° 24'	Taper			716		196		0.1
					Ramp D		-	15	4	6		716	51	none			0.1	
Interchanges - Natcher Parkway																		
Warren	2.079	2009	I-65	2	Ramp 1	Loop	16	4	6	-	500	30 ⁴	250				-	0.08
					Ramp 2	Loop	16	4	6	-	500	30 ⁴	250				-	0.08
					Ramp 3	Loop	16	4	6	-	500	30 ⁴	250				-	0.08
					Ramp 4	Loop	16	4	6	-	500	30 ⁴	250				-	0.08
					Ramp 5	Taper	15	4	6		800	51 ⁴	600		1120	1010		0.08
					Ramp 6	Taper	15	4	6	-	800	51 ⁴	600				-	0.08
					Ramp 7	Taper	15	4	6	-	800	51 ⁴	600				-	0.08
					Ramp 8	Taper	15	4	6	?	800	51 ⁴	600			550	325	0.08
Warren	5.666	1971	US 31W	6	Ramp A		Taper	15	4	6		1091	45	none		485		0.074
					Ramp B		Taper	15	4	6	4° 24'	1432	51	none		293	459.25	0.073
					Ramp C		Taper	15	4	6		996	50	none		839		0.09
					Ramp D		Taper	15	4	6	Curve (2° 15')	1273	50	none		198		0.78
Warren	7.062	1971	US 68	7	Ramp A		Taper	15	4	6		1763	50	none		500	459.25	0.061
					Ramp B		Taper	15	4	6	4° 58'	716	51	716		208		0.1
					Ramp C		Taper	15	4	6		716	51	none		984		0.1
					Ramp D		Taper	15	4	6	Curve (illegible)	ILLEGIBLE	-	716.2		239		ILLEGIBLE
Warren	9.505	1971	US 231	9	Ramp A		Loop	16	4	6		230	26	230	400			0.1
					Ramp B		Loop	16	4	6		716	51	358 / 225				0.1
					Ramp C		Loop	16	4	6		230	26	230	359			0.1
					Ramp D		Loop	16	4	6		716	51	358 / 230				0.1
Butler	28.505	1970	US 231	28	Ramp A		Parallel	15	4	6		1123	50	none	113	581	900	0.084
					Ramp B		Taper	15	4	6	4° 44'	1042	50			282	459.25	0.088
					Ramp C		Parallel	15	4	6		716	51		278	540	900	0.1
					Ramp D		Taper	15	4	6	4° 11'	Taper			2865		287	459.25

Interchange Ramp Data
Audubon Parkway, Natcher Parkway, and US 60
Henderson to Bowling Green

COUNTY	MP	PLAN YEAR	INTERSECTING ROUTE	EXIT NUMBER	ENTRANCE	EXIT	TYPE	LANE WIDTH	SHOULDER		DIVERGENCE ANGLE ¹	ENTRANCE/ EXIT RADIUS (FEET)	ENTRANCE/ EXIT RADIUS DESIGN SPEED (MPH) ²	RAMP/ LOOP RADIUS (FEET)	PARALLEL LENGTH MEASURED (FEET)	TAPER LENGTH MEASURED (FEET)	TAPER LENGTH (FEET)	SUPER-ELEVATION
									LT	RT								
Interchanges - Natcher Parkway (continued)																		
Butler	29.517	1995	KY 70	29	Ramp A		Parallel	15	4	6		1432	50 ⁴		349+389	471		0.063
						Ramp B	Taper	15	4	6	4° 09'	819	52 ⁴	477	336	540	0.08	
					Ramp C		Parallel	15	4	6		1432	50 ⁴		374+366	433	0.063	
						Ramp D	Taper	15	4	6	3° 33'	764	50 ⁴	409.3	287	540	0.08	
Butler	35.925	1970	US 231	36	Ramp A		Loop	16	4	6	-	1038		3819 / 235	251		0.1	
						Ramp B	Loop	16	4	6	-	239		409 / 239		0.1		
					Ramp C		Loop	16	4	6	-	955		239	252		0.1	
						Ramp D	Loop	16	4	6	-	239		409 / 239		0.1		
Ohio	43.297	1970	WKY PKWY	43	Ramp A		Loop	16	4	6	-	716	39	716 / 358 / 275 / 358	463		0.08	
						Ramp B	Loop	16	4	6	-	955	45	477 / 275 / 358 / 716		0.08		
					Ramp C		Loop	16	4	6	-	716	39	716 / 358 / 275 / 358	460		0.08	
						Ramp D	Loop	16	4	6	-	955	45	477 / 275 / 358 / 716		0.08		
						Ramp E	Taper	15	4	6	4° 30'	716	51	716		347	459.25	0.1
						Ramp F	Parallel	15	4	6	-	716	51	716	258	608	900	0.1
Ohio	49.885	1970	KY 69	50		Ramp G	Taper	15	4	6	4° 30'	716	51	716		313	459.25	0.1
					Ramp A		Loop	16	4	6	-	716	51	716	294	588	900	0.1
						Ramp B	Loop	16	4	6	-	419		230	218		0.09	
					Ramp C		Loop	16	4	6	-	296		276		0.08		
Davess	72.264	1970	US 60	72		Ramp D	Loop	16	4	6	-	339		230	210		0.08	
						Ramp A	-	15	4	6	-	336		314		0.08		
					Ramp B		Loop	16	4	6	-	-		716		0.1		
						Ramp C	Taper	15	4	6	3° 33'	716	51	716 / 358 / 230 / 443		325		0.1
	Ramp D	-	15	4	6	-	716	51	-				0.1					
Interchanges - US 60																		
Davess	10.849	1969	Audubon Parkway	10	Ramp A		Taper	15	4	6	-	716	51	511				0.1
						Ramp B	Loop	15	4	6	5° 13'	716	51	358 / 230		167		0.1
					Ramp C		Parallel	15	4	6		716	51	-	191	676	900	0.1
						Ramp D	Taper	15	4	6	4° 34'	Taper	51	716.2				0.1
Davess	11.611	1969	KY 81	11	Ramp A		Parallel	15	4	6	-	1910	53	-	232	620	900	0.054
						Ramp B	Taper	15	4	6	3° 49'	1910	53	-	218	487.41	0.054	
						Ramp C	Taper	15	4	6	3° 40'	1910	53	-	228	487.41	0.054	
					Ramp D		Parallel	15	4	6	-	1910	53	-	275	504	900	0.054
Davess	12.6	1995	Carter Road	12		Ramp A	Taper	15	4	6	3° 56'	955	40	716		225	540	0.07
					Ramp B		Parallel	15	4	6	-	955	40	-	480+350	350		0.07
						Ramp C	Taper	15	4	6	2° 40'	1146	43	716		227	540	0.063
					Ramp D		Parallel	15	4	6	-	819	39	-	393	696		0.074
Davess	14.416	1968	US 431	14	Ramp A		Parallel	15	4	6	-	1910	53	-	218	585		0.054
						Ramp B	Taper	15	4	6	3° 00'	1910	53	-	243	487.41	0.054	
						Ramp C	Taper	15	4	6	4° 02'	1910	53	-	319	487.41	0.054	
					Ramp D		Parallel	15	4	6	-	1910	53	-	280	525		0.054
Davess	16.46	1967	US 231	16	Ramp A		Parallel	15	4	6	-	1910	53	-	241	655	900	0.054
						Ramp B	Taper	15	4	6	4° 14'	1910	53	-	165	487.41	0.054	
						Ramp C	Taper	15	4	6	4° 11'	1910	53	-	197	487.41	0.054	
					Ramp D		Parallel	15	4	6	-	1910	53	-	245+270	411	900	0.054

Interchange Ramp Data
 Audubon Parkway, Natcher Parkway, and US 60
 Henderson to Bowling Green

COUNTY	MP	PLAN YEAR	INTERSECTING ROUTE	EXIT NUMBER	ENTRANCE	EXIT	TYPE	LANE WIDTH	SHOULDER		DIVERGENCE ANGLE ¹	ENTRANCE/ EXIT RADIUS (FEET)	ENTRANCE/ EXIT RADIUS DESIGN SPEED (MPH) ²	RAMP/ LOOP RADIUS (FEET)	PARALLEL LENGTH MEASURED (FEET)	TAPER LENGTH MEASURED (FEET)	TAPER LENGTH (FEET)	SUPER-ELEVATION	
									LT	RT									
Interchanges - US 60 (continued)																			
Davies	17.498	1970	Natcher Pkwy	17	Ramp A		Taper	15	4	6	-	716	51	-	283	633	720	0.1	
						Ramp B	Loop	16	4	6	9° 10'	716	51	358 / 230 / 443		130			0.1
					Ramp C		Taper	15	4	6	-	716	51	-			900		0.1
						Ramp D	Taper	15	4	6	4° 30'	716	51	-		175	459.25		0.1

¹ Divergence angle not provided in as built plans. Measurement from aerial drawing.

² Design Speed calculated from current AASHTO 10% max superlevation table.

³ Measured from as built plans.

⁴ Design Speed calculated from current AASHTO 8% max superlevation table.

⁵ Provided in As-builts

Interchange Ramp Data											
Audubon Parkway											
Henderson to Owensboro											
INTERCHANGE	EXIT NUMBER	MP	DWG RAMP	TYPE	SPEED ¹	GRADE		VERTICAL LENGTH OF CURVE		STOPPING SIGHT DISTANCE	
						IN %	OUT %	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)
Henderson County											
Edward T. Breathitt (Pennyrile) Parkway	1	0.000	RAMP A	RAMP	45 ²	-0.32	0.56	70	150	360	694
				RAMP	45 ²	0.56	3.00	193	600	360	1351
			RAMP B	LOOP	30 ²	-3.00	-0.50	123	200	200	599
					30 ²	-0.50	1.88	117	300	200	885
			RAMP C	RAMP	50 ²	1.76	-4.51	527	600	425	454
					50 ²	-4.51	0.52	483	350	425	328
			RAMP D	RAMP	50 ²	-1.84	0.95	268	300	425	593
					50 ²	0.95	-0.54	126	200	425	821
KY 1078	5	5.333	RAMP A	RAMP	35	0.23	0.44	10	50	250	936
			RAMP B	RAMP	35	0.83	2.67	90	400	250	6619
			RAMP C	RAMP	35	-2.43	-0.36	102	300	250	1583
			RAMP D	RAMP	35	-1.51	-0.80	35	350	250	1822
					35	-0.80	4.72	271	500	250	406
KY 416	10	10.141	RAMP A	LOOP	25	-1.84	0.53	62	300	155	898
			RAMP B	LOOP	25	1.25	3.89	69	300	155	668
			RAMP C	LOOP	25	-2.00	2.32	112	400	155	414
			RAMP D	LOOP	25	-3.08	-1.21	49	300	155	3963
Daviess County											
KY 1554	18	18.049	RAMP A	RAMP	35	-0.40	2.75	154	500	250	706
				RAMP	35	2.75	-1.60	126	400	250	448
			RAMP B	LOOP	25	1.60	-2.76	52	400	155	447
					25	-2.76	-0.10	69	400	155	803
			RAMP C	RAMP	35	-0.41	-4.00	104	200	250	401
					35	-4.00	-0.37	178	400	250	493
RAMP D	RAMP	35	-0.37	0.10	23	400	250	3093			
US 60	24 / 11	23.432 / 10.849	RAMP A	RAMP	45 ²	-2.50	-0.77	137	400	360	911
				RAMP	45 ²	-0.77	0.88	130	250	360	627
			RAMP B	LOOP	30 ²	0.17	0.77	22	350	200	2150
					30 ²	0.77	2.50	64	400	200	911
			RAMP C	RAMP	50 ²	2.00	-2.17	350	300	425	409
					50 ²	-2.17	0.51	257	300	425	649
			RAMP D	RAMP	50 ²	-0.39	1.20	152	300	425	761
					50 ²	1.20	-1.52	228	300	425	547

Interchange Ramp Data (continued)

US 60
Owensboro

INTERCHANGE	EXIT NUMBER	MP	DWG RAMP	TYPE	SPEED ¹	GRADE		VERTICAL LENGTH OF CURVE		STOPPING SIGHT DISTANCE				
						IN %	OUT %	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)			
Daviess County														
KY 81	12	11.611	RAMP A	RAMP	35	-0.61	2.99	176	400	250	497			
					35	2.99	1.56	41	400	250	955			
			RAMP B	RAMP	35	-0.36	2.88	159	400	250	569			
					35	2.88	1.56	38	400	250	1017			
			RAMP C	RAMP	35	-1.56	-2.26	20	400	250	1741			
					35	-2.26	2.56	236	400	250	378			
			RAMP D	RAMP	35	-1.56	-1.88	9	400	250	3572			
					35	-1.88	1.84	182	400	250	480			
CARTER ROAD	13	12.6	RAMP A	RAMP	35	-0.97	1.33	113	350	250	1095			
			RAMP B	RAMP	35	0.00	-3.54	103	200	250	405			
					35	-3.54	0.90	218	400	250	404			
			RAMP C	RAMP	35	-1.24	1.80	149	400	250	626			
			RAMP D	RAMP	35	-2.39	1.40	186	600	250	655			
			US 431	14	14.416	RAMP A	RAMP	35	1.16	-2.18	97	500	250	573
								35	-2.18	0.50	131	400	250	791
						RAMP B	RAMP	35	0.04	-1.22	37	400	250	1056
35	-1.22	0.50						84	400	250	916			
RAMP C	RAMP	35				-0.50	0.79	63	400	250	1190			
		35				0.79	-0.55	39	400	250	1005			
RAMP D	RAMP	35				-0.50	1.94	120	400	250	997			
		35				1.94	-1.59	102	400	250	506			
US 231	16	16.46	RAMP A	RAMP	35	-1.04	2.95	196	400	250	446			
					35	2.95	1.56	40	400	250	976			
			RAMP B	RAMP	35	0.20	1.56	67	400	250	1131			
					35	-1.58	0.15	85	400	250	910			
			RAMP C	RAMP	35	0.15	2.54	117	250	250	782			
					35	-1.56	-0.65	45	400	250	1648			
			RAMP D	RAMP	35	-0.65	2.57	158	200	250	355			
					50 ²	-2.50	0.79	316	400	425	557			
NATCHER PARKWAY	17 / 72	17.498 / 72.264	RAMP A	RAMP	50 ²	0.79	0.63	13	200	425	6844			
					50 ²	0.63	1.10	45	200	425	1596			
					30 ²	-0.20	0.20	15	100	200	977			
			RAMP B	LOOP	30 ²	0.20	-0.79	19	200	200	1190			
					30 ²	-0.79	2.50	122	400	200	557			
			RAMP C	RAMP	50 ²	-1.31	-4.04	229	400	425	595			
					50 ²	-4.04	0.59	444	350	425	351			
			RAMP D	RAMP	50 ²	1.00	0.30	59	400	425	1741			
					50 ²	0.30	4.20	374	300	425	365			

Interchange Ramp Data (continued)

Natcher Parkway
Bowling Green to Owensboro

INTERCHANGE	EXIT NUMBER	MP	DWG RAMP	TYPE	SPEED ¹	GRADE		VERTICAL LENGTH OF CURVE		STOPPING SIGHT DISTANCE	
						IN %	OUT %	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)
Warren County											
I-65	2	2.079	RAMP 1	LOOP	30 ²	-2.03	-0.50	75	300	200	786
			RAMP 2	LOOP	30 ²	0.65	2.61	96	275	200	2236
			RAMP 3	LOOP	30 ²	2.61	0.92	20	200	200	738
			RAMP 3	LOOP	30 ²	-1.26	-3.27	24	300	200	687
			RAMP 4	LOOP	30 ²	-3.27	-0.22	149	400	200	623
			RAMP 4	LOOP	30 ²	0.73	2.45	84	300	200	709
			RAMP 5	RAMP	30 ²	2.45	1.90	16	200	200	2062
			RAMP 5	RAMP	45 ²	0.82	-1.81	76	800	360	810
			RAMP 6	RAMP	50 ²	0.15	-1.08	36	200	425	977
			RAMP 6	RAMP	50 ²	-1.08	-1.80	21	400	425	1699
RAMP 7	RAMP	50 ²	-1.80	-0.41	68	250	425	728			
RAMP 7	RAMP	45 ²	-2.00	0.90	142	300	360	552			
RAMP 8	RAMP	45 ²	0.90	0.10	23	200	360	1449			
RAMP 8	RAMP	50 ²	1.54	-1.50	88	400	425	555			
RAMP 8	RAMP	50 ²	-1.50	2.27	185	400	425	472			
US 31 W	6	5.666	RAMP A	RAMP	35	ILLEGIBLE	ILLEGIBLE		ILLEGIBLE	250	-
			RAMP A	RAMP	35	ILLEGIBLE	ILLEGIBLE		ILLEGIBLE	250	-
			RAMP B	RAMP	35	0.46	-4.00	129	400	250	442
			RAMP B	RAMP	35	-4.00	1.00	245	200	250	216
			RAMP C	RAMP	35	ILLEGIBLE	ILLEGIBLE		ILLEGIBLE	250	-
			RAMP C	RAMP	35	ILLEGIBLE	ILLEGIBLE		ILLEGIBLE	250	-
			RAMP D	RAMP	35	1.64	0.15	43	200	250	825
			RAMP D	RAMP	35	0.15	2.79	129	200	250	524
US 68	7	7.062	RAMP A	RAMP	35	ILLEGIBLE	ILLEGIBLE		300	250	-
			RAMP A	RAMP	35	ILLEGIBLE	ILLEGIBLE		200	250	-
			RAMP B	RAMP	35	0.00	0.87	43	300	250	1312
			RAMP B	RAMP	35	0.87	-1.54	70	300	250	598
			RAMP C	RAMP	35	-1.45	2.85	211	300	250	331
			RAMP C	RAMP	35	2.85	-1.02	112	350	250	454
			RAMP D	RAMP	35	-0.54	-1.62	31	300	250	1149
			RAMP D	RAMP	35	-1.62	1.43	149	200	250	389
US 231 MORGANTOWN ROAD	9	9.505	RAMP A	LOOP	25	-1.81	3.96	167	400	155	327
			RAMP A	LOOP	25	3.96	1.67	28	300	155	620
			RAMP B	LOOP	25	0.51	ILLEGIBLE		500	155	-
			RAMP B	LOOP	25	ILLEGIBLE	-0.76		300	155	-
			RAMP C	LOOP	25	0.65	1.67	30	150	155	609
			RAMP C	LOOP	25	1.67	2.52	24	400	155	1767
			RAMP D	LOOP	25	-1.19	-4.09	35	300	250	522
			RAMP D	LOOP	25	-4.09	0.92	145	400	155	366
Butler County											
US 231 BOWLING GREEN ROAD	28	28.505	RAMP A	RAMP	35	-1.56	3.61	254	200	250	209
			RAMP A	RAMP	35	3.61	0.95	77	400	250	605
			RAMP B	RAMP	35	-0.75	-1.85	32	300	250	1126
			RAMP B	RAMP	35	-1.85	1.56	167	250	250	377
			RAMP C	RAMP	35	-1.50	1.58	151	200	250	382
			RAMP C	RAMP	35	1.58	-0.24	53	200	250	692
			RAMP D	RAMP	35	-0.29	-3.80	102	300	250	457
			RAMP D	RAMP	35	-3.80	1.56	263	200	250	204
KY 70	29	29.517	RAMP A	RAMP	35	0.50	-1.31	52	400	250	796
			RAMP B	RAMP	35	0.50	-1.24	50	400	250	820
			RAMP B	RAMP	35	-1.24	0.76	98	400	250	2378
			RAMP C	RAMP	35	1.62	5.26	178	300	250	395
			RAMP C	RAMP	35	5.26	-0.10	155	650	250	512
			RAMP D	RAMP	35	1.34	-4.00	155	800	250	569
			RAMP D	RAMP	35	-4.00	-0.48	172	200	250	312
			RAMP D	RAMP	35	-0.48	1.52	172	200	250	312
US 231 BEAVER DAM ROAD	36	35.925	RAMP A	LOOP	25	-1.50	-4.00	30	200	155	532
			RAMP A	LOOP	25	-4.00	-1.00	87	200	155	400
			RAMP B	LOOP	25	VARIABLE	1.52		300	155	-
			RAMP B	LOOP	25	1.52	-1.00	30	300	155	577
			RAMP C	LOOP	25	-1.00	0.45	42	400	155	1069
			RAMP C	LOOP	25	0.45	1.52	42	400	155	1069
			RAMP D	LOOP	25	VARIABLE	4.00		200	155	-
			RAMP D	LOOP	25	4.00	1.52	42	400	155	1069

Interchange Ramp Data (continued)

Natcher Parkway
Bowling Green to Owensboro

INTERCHANGE	EXIT NUMBER	MP	DWG RAMP	TYPE	SPEED ¹	GRADE		VERTICAL LENGTH OF CURVE		STOPPING SIGHT DISTANCE	
						IN %	OUT %	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)	MINIMUM CRITERIA (FT) ¹	ACTUAL (FT)
Ohio County											
WESTERN KENTUCKY PARKWAY	43	43.297	RAMP A	LOOP	35 ²	-3.60	-0.50	152	200	250	378
					35 ²	-0.50	-2.07	45	200	250	789
			RAMP B	LOOP	35 ²	-2.07	1.60	180	200	250	296
					35 ²	-2.00	3.02	246	400	250	366
			RAMP C	LOOP	35 ²	3.02	1.00	59	200	250	634
					35 ²	-0.50	-3.76	95	300	250	481
			RAMP D	LOOP	35 ²	-3.76	0.50	209	300	250	334
					35 ²	-0.65	-1.04	11	200	250	2874
			RAMP E	RAMP	35 ²	-1.04	-0.80	12	200	250	3027
					35 ²	-0.80	3.00	186	400	250	468
			RAMP E	RAMP	50 ²	-0.81	3.00	365	300	425	375
					50 ²	3.00	-3.59	553	800	425	512
			RAMP F	RAMP	50 ²	-3.59	-2.63	92	200	425	833
					50 ²	2.07	-3.29	450	500	425	449
			RAMP F	RAMP	50 ²	-3.29	0.15	330	800	425	933
					50 ²	-3.59	0.75	416	650	425	621
			RAMP F	RAMP	50 ²	-0.60	1.30	182	300	425	3233
					50 ²	1.30	-1.71	253	400	425	558
			RAMP H	RAMP	50 ²	2.27	1.09	99	300	425	1064
					50 ²	1.09	1.62	26	300	425	2077
RAMP H	RAMP	50 ²	1.62	1.12	43	300	425	2281			
		25	-0.50	-2.29	21	400	155	803			
KY 69	50	49.885	RAMP A	LOOP	25	-2.29	1.60	113	400	155	457
					25	-2.20	3.69	171	400	155	322
			RAMP B	LOOP	25	3.69	1.50	26	400	155	693
					25	-1.50	-1.74	3	400	155	4659
			RAMP C	LOOP	25	-1.74	-0.36	40	250	155	732
					25	-0.80	3.08	112	400	155	459
			RAMP D	LOOP	25	3.08	1.50	19	200	155	784

¹ Assumed minimum design speed

² Design speed provided

**Trailing Guardrail End Treatment
Terminal Type 1 End Section**

Audubon and Natcher Parkway and US 60
Henderson to Bowling Green

COUNTY	DIRECTION	MP	DIRECTION	MP	DIRECTION	MP
Audubon Parkway, MP 0.000 to MP 23.441						
Henderson	WB	14.2	WB	7.1	EB	7.3
	WB	12.9	WB	6.1	EB	7.7
	WB	12.5	WB	4.6	EB	8.2
	WB	12.3	WB	2.8		
	WB	12.1	WB	1.2		
	WB	11.8	WB	0.1		
	WB	11.3	WB	0		
	WB	10.6	EB	0.6		
	WB	9.9	EB	1.3		
	WB	9.7	EB	3		
	WB	9.4	EB	3.7		
	WB	8.4	EB	4.7		
	WB	8.1	EB	6.1		
	WB	7.6	EB	6.3		
Davies	WB	7.3	EB	7.1		
	EB	17.4	WB	22.6	WB	16.9
	EB	18	WB	22.2	WB	15
	EB	19.2	WB	22		
	EB	21	WB	21.7		
	EB	21.3	WB	21.3		
	EB	21.7	WB	21		
	EB	22	WB	18.4		
	EB	22.2	WB	18.1		
EB	22.9	WB	17.2			
Natcher Parkway, MP 0.000 to MP 70.184						
Ohio	NB	37.3	NB	46.2	SB	41.5
	NB	37.9	NB	46.8	SB	41.5
	NB	38.3	NB	47.2	SB	41.7
	NB	38.7	NB	47.7	SB	41.7
	NB	39.2	NB	48.5	SB	42
	NB	39.4	NB	49	SB	42
	NB	39.8	SB	37.3	SB	42.4
	NB	40.2	SB	37.7	SB	42.4
	NB	40.6	SB	38.1	SB	42.7
	NB	40.8	SB	38.5	SB	42.7
	NB	41.6	SB	39	SB	43.9
	NB	41.7	SB	39.2	SB	44.2
	NB	42.2	SB	39.5	SB	44
	NB	42.5	SB	40	SB	44.6
	NB	43.4	SB	40.5	SB	45.2
	NB	43.9	SB	40.5	SB	45.3
	NB	44.1	SB	40.6	SB	45.7
	NB	44.3	SB	40.6	SB	46.6
NB	44.9	SB	40.7	SB	47.1	
NB	45.3	SB	40.7	SB	47.6	
US 60, MP 10.849 to MP 17.498						
Davies	WB	14.9	EB	11.6	Exit 14 (1)	
	WB	14	EB	13.7	Exit 11 (2)	
	WB	11.8	EB	14.5		
	EB	11.3	Exit 16 (3)			