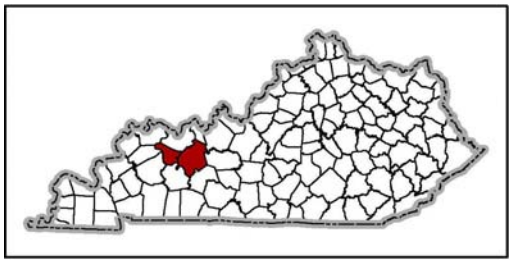
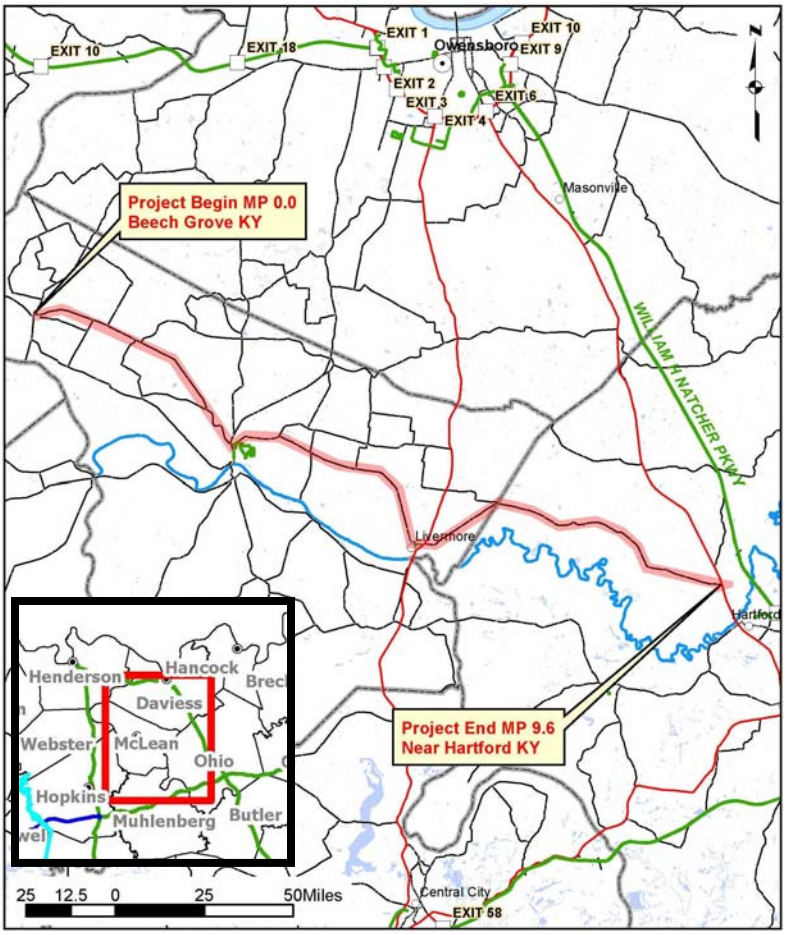
Data Needs Analysis





Scoping Study

Ohio/McLean County—KY 136

KY 136 Reconstruction
(MCLEAN)MP 0.0 to MP 22.618
(OHIO)MP 0.0 to MP 9.6

Item No. **2-8812.00**

Prepared by
KYTC District 2 Planning
January 2015

KENTUCKY TRANSPORTATION CABINET

I. PRELIMINARY PROJECT INFORMATION

County: McLean | **Item No.:** 2-8812.00
Route Number(s):* KY 136 | **Road Name:**
Program No.: 9012101D | **UPN:** FD04 075 0136 000-023
Federal Project No.: | **Type of Work:** Reconstruction

2014 **Highway Plan Project Description:**

REPLACE, IMPROVE ALIGNMENTS AND APPROACHES, AND ADDRESS SAFETY ISSUES WITH BRIDGES ON KY 136 FROM MP 0 TO 22.618 IN MCLEAN COUNTY AND MP 0 TO 9.6 IN OHIO COUNTY. (14CCN)

Beginning MP: 0 | **Ending MP:** 22.618 | **Project Length:** 22.618

In TIP: ☐ Yes ☐ No | Reconcile Project Information in Clearview

State Class.: ☐ Primary ☑ Secondary | **Route is on:** ☐ NHS ☐ NN ☐ Ext Wt

Functional Class.: ☐ Urban ☑ Rural Collector | **Truck Class.:** A | **% Trucks:** 10% - 34.3%

MPO Area: Not Applicable | **Terrain:** Rolling

ADT (current): 2620* (2013)

Access Control: ☐ None ☑ Permit ☐ Fully Controlled ☐ Partial Spacing:

Median Type: ☑ Undivided ☐ Divided (Type):

Existing Bike Accommodations: Shared Lane | **Ped:** ☐ Sidewalk

Posted Speed: ☑ 35 mph ☑ 45 mph ☑ 55 mph ☐ Other (Specify):

KYTC Guidelines Preliminarily Based on : MPH Proposed Design Speed

Roadway Data:	EXISTING	COMMON GEOMETRIC PRACTICES**
No. of Lanes	2	2
Lane Width	varies	12'
Shoulder Width	varies from 0 to 4 feet	8'
Max. Superelevation***		
Minimum Radius***		
Maximum Grade		6%
Minimum Sight Dist.		495'
Sidewalk Width(urban)		4'
Clear-zone†		

Existing Rdwy. Plans available?
☑ Yes ☐ No
Year of Plans: 1929-1955

☐ Traffic Forecast Requested
Date Requested: 11/14/2014

☐ Mapping/Survey Requested
Date Requested:

Type:

Project Notes/Design Exceptions?

Notes:
1. The Truck Class is AAA from MP 8.9 to 10.3.
2. The speed limit changes along the corridor upon entering and exiting towns.

Note: This project crosses two counties. The above project information is in McLean County. The following page begins with project information in Ohio County.

I. PRELIMINARY PROJECT INFORMATION (cont.)

County:	Ohio	**Item No.:**	2-8812.00
Route Number(s):*	KY 136	**Road Name:**	
Program No.:	9012101D	**UPN:**	FD04 092 0136 000-010
Federal Project No.:		**Type of Work:**	Reconstruction

2014 **Highway Plan Project Description:**

REPLACE, IMPROVE ALIGNMENTS AND APPROACHES, AND ADDRESS SAFETY ISSUES WITH BRIDGES ON KY 136 FROM MP 0 TO 22.618 IN MCLEAN COUNTY AND MP 0 TO 9.6 IN OHIO COUNTY. (14CCN)

Beginning MP: 0 **Ending MP:** 9.6 **Project Length:** 9.6

In TIP: ☐ Yes ☐ No

Reconcile Project Information in Clearview

State Class.: ☐ Primary ☑ Secondary

Route is on: ☐ NHS ☐ NN ☐ Ext Wt

Functional Class.: ☐ Urban ☑ Rural Collector

Truck Class.: A **% Trucks:** 10% - 31%

MPO Area: Not Applicable

Terrain: Rolling

ADT (current): 1291 (2013)

Access Control: ☐ None ☐ Permit ☐ Fully Controlled ☐ Partial Spacing:

Median Type: ☑ Undivided ☐ Divided (Type):

Existing Bike Accommodations: Shared Lane **Ped:** ☐ Sidewalk

Posted Speed: ☐ 35 mph ☐ 45 mph ☑ 55 mph ☐ Other (Specify):

KYTC Guidelines Preliminarily Based on : **MPH Proposed Design Speed**

Roadway Data:	**EXISTING**	**PRACTICES****
No. of Lanes	2	2
Lane Width	9'	12'
Shoulder Width	2'	8'
Max. Superelevation***		
Minimum Radius***		
Maximum Grade		6%
Minimum Sight Dist.		495'
Sidewalk Width(urban)		4'
Clear-zone†		
Project Notes/Design Exceptions?		

Existing Rdwy. Plans available?
☑ Yes ☐ No
Year of Plans: 1929-1955

☐ Traffic Forecast Requested
Date Requested: 11/14/2014

☐ Mapping/Survey Requested
Date Requested:

Type:

Bridge No.:‡	(Bridge #1)	(Bridge #2)
Sufficiency Rating		
Total Length	Bridge data shown on page 8	
Width, curb to curb		
Span Lengths		
Year Built		
Posted Weight Limit		
Structurally Deficient?		
Functionally Obsolete?		
Existing Bridge Type		

Existing Geotech Data Available?
☐ Yes ☐ No

Detour Length(s):

*If more than one road is included in the project, include additional sheets.
**Based on proposed Design Speed
***AASHTO's A Policy on Geometric Design of Highways and Streets
+AASHTO's Roadside Design Guide
‡If more than two bridges are located on the project, include additional sheets.

II. PROJECT PURPOSE AND NEED

A. Legislation

Funds shown are in the approved 2014 Highway Plan. These funds should be adequate to improve the 10 bridge/culvert structures that had been identified when the project was estimated. However, additional funds may be needed if further needs are identified in the project area.

Funding	*Phase*	*Year*	*Amount*
SPP	D	2014	$1,500,000
SPP	R	2015	$1,000,000
SPP	U	2016	$1,600,000
SPP	C	2017	$6,900,000

B. Project Status

This was UPL projects 02 092 D0136 1.00 in McLean County and 02 075 D0136 66.00 in Ohio County. The issues were identified by GRADD in 2007. Initial Design funds were authorized for this project on 11/29/2014.

C. System Linkage

This 32.2 mile section of KY 136 is a Rural Major Collector running from Beech Grove, KY in McLean County to Hartford, KY in Ohio County connecting several communities in-between including Livermore, KY and Calhoun, KY(the McLean County Seat).

D. Modal Interrelationships

This is an important freight route carrying as much as 34% truck traffic on some segments.

E. Social Demands & Economic Development

This section of KY 136 currently serves Poultry, Lumber, Mining, Agricultural, and other industries. Improved truck access could benefit current development in the area. KY 136 also provides access to McLean County High School, McLean County Middle School, Livermore Elementary School, and Saint Sebastian Preschool. Myers Creek Park in McLean County is also accessed via KY 136 at MP 13.9.

II. PROJECT PURPOSE AND NEED (cont.)

F. Transportation Demand

This 32.2 mile section of KY 136 contains 10 traffic count road segments. The traffic on these segments is counted by KYTC every 3 years. The highest recorded traffic volume in the project area is 2620 ADT(2013) in McLean County between MP 9.8 and MP 11.7. The McLean County Middle and High Schools are located on this segment. The second highest volume of 2053 ADT (2012) is also in McLean County between MP 18.6 and MP 19.3. This segment provides access to the Livermore Elementary School. The Highest truck percentage in the project area can be found on the 12.8 mile section which connects US 231 in McLean County to US 431 in Ohio County. It was recorded at 34% trucks in 2011 and 31% trucks in 2012. See page 9. KY 136 is designated as a scenic byway from MP 0.0 to MP 9.8 in McLean County.

G. Capacity

This project is to address safety concerns. The capacity of this route is adequate and should not be affected by this project.

H. Safety

92 collisions were reported in the project area during the 3 year period of 1/1/2011 - 1/1/2014. 63 of these were single vehicle accidents while 29 of the collisions involved multiple vehicles. 34 accidents were reported as "ran off roadway", 10 were fixed object collisions, 15 animal collisions and 33 rear end/side swipe/angle/other collisions. CRF greater than or equal to 1 in McLean County from MP. 11.6 to 14.8 and MP 18.5 to 19.5 as well as in Ohio County from MP 2.2 to 3.2. See pages 10 and 11 for collision map and additional collision data.

I. Roadway Deficiencies

This secondary rural major collector is a 2 lane route with lanes as narrow as 8ft and shoulders as narrow as 1ft. Locals have expressed concerns with the horizontal alignment of several curves in the project area. There are vertical curves along this corridor that do not meet the current KYTC Geometric Design Standards.

III. PRELIMINARY ENVIRONMENTAL OVERVIEW

A. Air Quality

Project is in: ☑ Attainment area ☐ Nonattainment or Maintenance Area ☐ PM 2.5 County

STIP Pg.#: 02-8812 **TIP Pg.#:**

Bridges will be inspected by certified Asbestos Inspector prior to demolition

B. Archeology/Historic Resources

☐ Known Archeological or Historic Resources are present

Bridges have agricultural fields on both sides of approaches, except for 2. Most bridges also have a utility easement crossing creek which creates further disturbance. One particular bridge has openings to mines on either side of Barnett Creek on the south side and areas which appear to have no disturbance. Barnett Creek bridge has a large amount of

C. Threatened and Endangered Species

The bridges are located upstream from the Green River from a distance of 0.75 miles to 2.0 miles. Most of the streams had silt deposits from agriculture and field tiling. Bridge 075B00034N over Long Falls creek had very little disturbance and silt and channel was natural. The common Corbicula (Asian clam) was located in this stream only. No other mussels discovered. Indiana bat and northern-long eared bat tree habitat is present on all creeks. Tree cutting restrictions/mitigation an issue. According to KYTC GIS no critical habitat present. No effect on T&E

D. Hazardous Materials

☐ Potentially Contaminated Sites are present ☐ Potential Bridge or Structure Demolition

No underground or other hazardous materials known. Bridge demolition on the 9 bridges will require inspection prior to demolition by a certified asbestos inspector

E. Permitting

Check all that may apply: ☐ Waters of the US ☐ MS4 area ☑ Floodplain Impacts ☐ Navigable Waters of the US Impacts

Are 401/404 Permits likely to be required? ☐ Yes ☐ No Impacts to: ☑ Wetlands ☐ Stream/Lake/Pond

☑ ACE LON ☐ ACE NW ☐ ACE IP ☐ DOW IWQC ☐ Special Use Waters

2 bridges have wetlands on approaches that will likely be disturbed and require review by the Permits SME and the USACE. All creeks will have to be investigated by the Permits SME to determine USACE permits needed.

F. Noise

Are existing or planned noise sensitive receptors adjacent to the proposed project? ☑ Yes ☐ No

Is this considered a "Type I Project" according to the KYTC Noise Analysis and Abatement Policy? ☐ Yes ☐ No

Receptors will be disturbed temporarily during construction

G. Socioeconomic

Check all that may apply: ☐ Low Income/Minority Populations ☐ Relocations ☑ Local Land Use Plan available

McLean and Ohio County Comprehensive Plans available from 2009

H. Section 4(f) or 6(f) Resources

The following are present on the project: ☐ Section 4(f) Resources ☐ Section 6(f) Resources

None

Anticipated Environmental Document: None (Completely State funded)

ENVIRONMENTAL REVIEW DOCUMENT REQUIRED

IV. PROJECT SCOPING, NEEDS & PURPOSE

A. Scoping & Need:

This 32 mile section of KY 136 is a 2 lane secondary rural major collector with narrow shoulders and lanes as narrow as 8 feet which do not meet current KYTC Geometic Design Standards. KY 136 provides access to 4 schools and several industries that generate truck traffic. The truck percentage along this route has been recorded as high as 34%. 92 collisions were reported in this project area in the 3 year period of 1/1/2011 to 1/1/2014. The District office has identified 10 bridge/culvert structures in need of improvement.

B. Draft Project Purpose:

Address service, geometric deficiencies and safety concerns of KY 136 from MP 0.0 to MP 22.618 in McLean County and from MP 0.0 to MP 9.6 in Ohio County.

V. PROJECT ESTIMATE & METHODOLOGY

Estimate Methodology:

This was the estimated cost of improving the 10 bridge/culvert structures identified by the District Office in 2013. Additional funds may be needed if further spot improvements are identified.

Current Estimate

Phase	Estimate
Planning	0
Design	1,500,000
R/W	1,000,000
Utilities	1,600,000
Const	6,900,000
Total	**11,000,000**

VI. UTILITIES POTENTIALLY AFFECTED - CONTACT INFORMATION

1. McLean County Water
Calhoun, KY 42327

2. Ohio County Water
130 East Washington Street
Hartford, KY 42347
Eddie Williams 270-298-9890

3. Kenergy
6402 Old Corydon Road
Henderson, KY 42420
John Newland 270-826-3991

4. Atmos Energy
3275 Highland Pointe Drive
Owensboro, KY 42303
Jim Capps 270-685-8103

5. AT&T
3021 Old Hartford Road
Owensboro, KY 42303
David Ryan 270-685-7615

VII. TABLES AND EXHIBITS

Item# 2-8812.00			STRUCTURES INDENTIFIED BY THE DISTRICT OFFICE AS NEEDING IMPROVEMENT				
COUNTY	**ID**	**MP**	**STATUS**	**SR**	**INTERSECTION**	**LENGTH**	**YEAR**
MCLEAN	075B00034N	8.156	FUNCTIONALLY OBSOLETE	67	LONG FALLS CREEK	128.9	1928
MCLEAN	075B00011N	10.091	FUNCTIONALLY OBSOLETE	47.1	MYER CREEK	36.1	1956
MCLEAN	075B00009N	16.061	FUNCTIONALLY OBSOLETE	76.5	WEST FORK BUCK CREEK	119.1	1932
MCLEAN	075B00010N	17.784	FUNCTIONALLY OBSOLETE	**38.9**	BUCK CREEK	253	1932
OHIO	092B00088N	0.171	NOT DEFICIENT	84.7	STILLHOUSE BRANCH	23	1932
OHIO	092B00087N	1.07	FUNCTIONALLY OBSOLETE	76.6	HANLEY CREEK	131.9	1932
OHIO	092B00085N	3.356	FUNCTIONALLY OBSOLETE	76.6	BARNETT CREEK	165	1932
OHIO	092B00089N	5.425	**STRUCTURALLY DEFICIENT**	60.9	BR OF LITTLE NO CREEK	23	1932
OHIO	092B00084N	5.668	FUNCTIONALLY OBSOLETE	76.6	LITTLE NO CREEK	53.1	1932
OHIO	092B00083N	5.998	FUNCTIONALLY OBSOLETE	74.9	BIG NO CREEK	53.1	1928

Note: Additional spot improvements may be identified and need to be addressed.

075B00010N SR38.9 MP17.7

089B00089N STRUCTURALLY DEFICIENT MP5.4

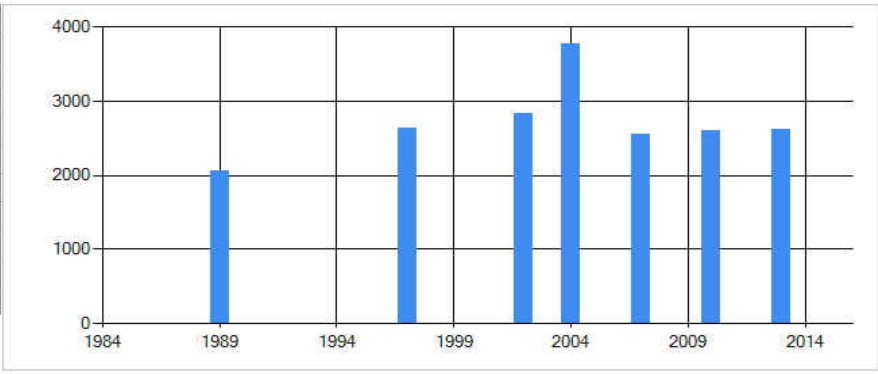
VII. TABLES AND EXHIBITS (cont.)

Historical Traffic Volume Summary
Station Details:

Sta ID:	075037	Begin MP:	9.8190	Newest Count:	
Map:	MapIt	Begin Desc:	KY 81	AADT:	2620
District:	2	End Mp:	11.7530	Year:	2013
County:	McLean	End Desc:	KY 250	% Single:	5.2830
Route:	075-KY-0136 -000	Impact Year:		% Combo:	4.8650
Route Desc:		Year Added:		K Factor:	8.30
				D Factor:	55

Definitions:
Sta. ID - Three digit county number + station number
MP - milepoint
Impact Year – year of significant change to traffic pattern within station segment
AADT – Annual Average Daily Traffic – the annualized average 24-hour volume of vehicles on a segment of roadway
% Single – single unit truck volume as a percentage of the AADT
% Combo – combination truck volume as a percentage of the AADT
K Factor – peak hour volume as a percentage of the AADT
D Factor – percentage of peak hour volume flowing in the peak direction

Year	AADT	Year	AADT	Year	AADT
2015		2005		1995	
2014		2004	3780	1994	
2013	2620	2003		1993	
2012		2002	2840	1992	
2011		2001		1991	
2010	2600	2000		1990	
2009		1999		1989	2060
2008		1998		1988	
2007	2560	1997	2640	1987	
2006		1996		1986	



VII. TABLES AND EXHIBITS (cont.)

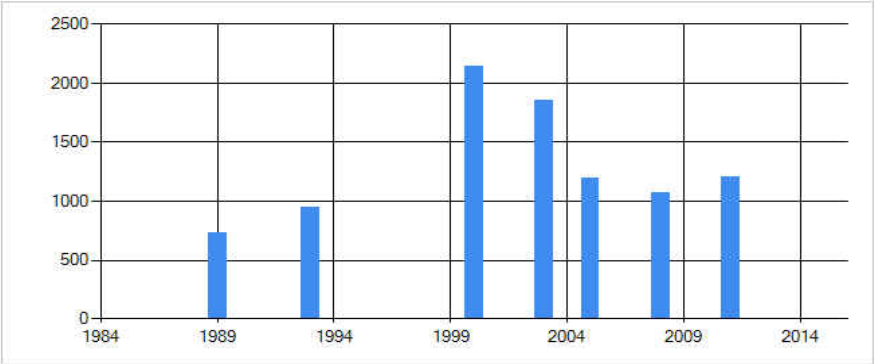
Historical Traffic Volume Summary

Station Details:

Sta ID:	075250	Begin MP:	19.3340	Newest Count:	
Map:	MapIt	Begin Desc:	US 431 (HENTON STREET)	AADT:	1210
District:	2	End Mp:	21.5370	Year:	2011
County:	McLean	End Desc:	BILL TAYLOR ROAD	% Single:	28
Route:	075-KY-0136 -000	Impact Year:		% Combo:	6.30
Route Desc:		Year Added:		K Factor:	
				D Factor:	

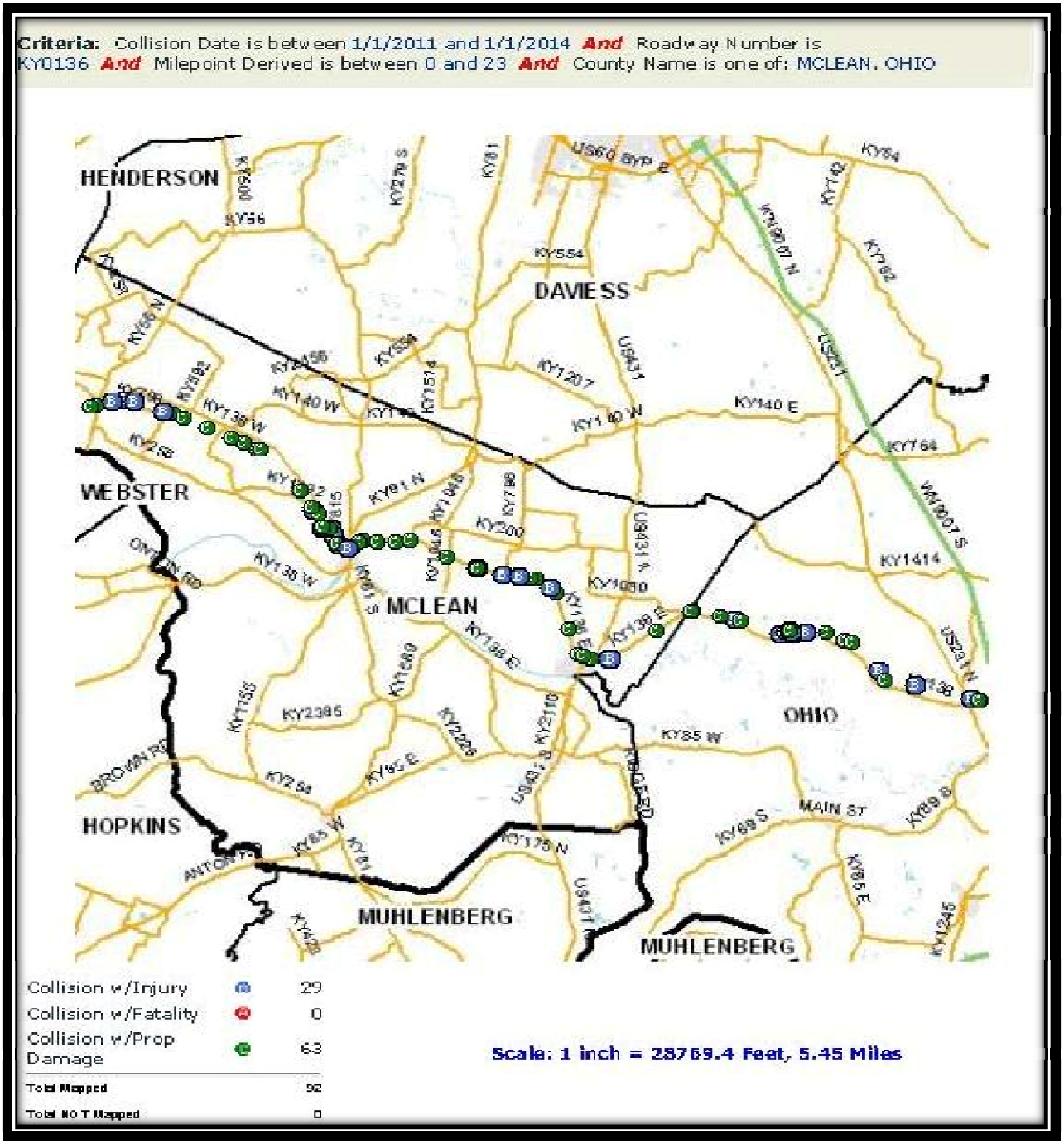
Definitions:
Sta. ID - Three digit county number + station number
MP - milepoint
Impact Year – year of significant change to traffic pattern within station segment
AADT – Annual Average Daily Traffic – the annualized average 24-hour volume of vehicles on a segment of roadway
% Single – single unit truck volume as a percentage of the AADT
% Combo – combination truck volume as a percentage of the AADT
K Factor – peak hour volume as a percentage of the AADT
D Factor – percentage of peak hour volume flowing in the peak direction

Year	AADT	Year	AADT	Year	AADT
2015		2005	1200	1995	
2014		2004		1994	
2013		2003	1860	1993	953
2012		2002		1992	
2011	1210	2001		1991	
2010		2000	2140	1990	
2009		1999		1989	731
2008	1070	1998		1988	
2007		1997		1987	
2006		1996		1986	



VII. TABLES AND EXHIBITS (cont.)

Collision Map



VII. TABLES AND EXHIBITS (cont.)

Collision Data

FILE	COUNTY	ROAD	MILEPOINT	DATE	VEHICLES	KILLED	INJURED	DIRECTIONAL ANALYSIS	MANNER OF COLLISION
70997604	075	KY0136	4.24	4/12/2011	1	0	1	OTHER COLLISIONS ON SHOULDER	SINGLE VEHICLE
71176356	075	KY0136	13.996	6/18/2012	2	0	0	REAR END - ONE VEHICLE TURNING LEFT	REAR END
71307801	092	KY0136	3.051	5/22/2013	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71260202	075	KY0136	11.346	1/15/2013	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
71020975	075	KY0136	11.782	6/25/2011	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
70968995	075	KY0136	18.783	1/25/2011	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71068449	075	KY0136	12.455	10/25/2011	2	0	0	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
71069013	075	KY0136	4.517	9/2/2011	2	0	1	SIDESWIPE COLLISION - OPPOSITE DIRECTION	SIDESWIPE-OPPOSITE DIREC
71178324	075	KY0136	11.015	3/9/2012	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71178333	075	KY0136	13.143	4/5/2012	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71160464	075	KY0136	21.406	5/24/2012	2	0	0	REAR END - OTHER	REAR END
71329721	075	KY0136	11.974	7/18/2013	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71332028	092	KY0136	6.665	7/24/2013	2	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	ANGLE
71105399	092	KY0136	4.761	1/7/2012	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71216322	075	KY0136	3.195	8/8/2012	2	0	0	ANGLE COLLISION - ONE VEHICLE TURNING LEFT	ANGLE
71052228	075	KY0136	11.844	9/18/2011	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71170313	075	KY0136	22.097	6/6/2012	2	0	0	COLLISION WITH PARKED VEHICLE	SIDESWIPE-OPPOSITE DIREC
71329720	075	KY0136	11.929	7/18/2013	2	0	0	REAR END IN TRAFFIC ONE VEHICLE STOPPED	REAR END
71389379	075	KY0136	13.074	12/3/2013	2	0	1	REAR END - ONE VEHICLE TURNING LEFT	REAR END
71101788	075	KY0136	17.208	10/20/2011	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
70969132	092	KY0136	3.099	2/7/2011	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71325399	075	KY0136	13.036	6/27/2013	2	0	0	COLLISION WITH PARKED VEHICLE	SIDESWIPE-SAME DIREC
71277968	075	KY0136	8.46	3/20/2013	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71276885	092	KY0136	2.758	3/16/2013	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71349852	092	KY0136	0.032	9/9/2013	2	0	0	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
71308510	092	KY0136	3.037	5/17/2013	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71101777	075	KY0136	14.549	12/8/2011	2	0	0	REAR END - OTHER	REAR END
71101788	075	KY0136	12.7	1/3/2012	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71216329	075	KY0136	11.86	10/2/2012	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71234216	075	KY0136	19.846	11/17/2012	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71013458	075	KY0136	17.982	5/30/2011	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71258817	092	KY0136	3.075	1/29/2013	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
70997603	075	KY0136	19.412	4/8/2011	1	0	1	COLLISION WITH ANIMAL	SINGLE VEHICLE
71061018	075	KY0136	11.119	9/23/2011	1	0	1	NON-COLLISION OBJECT COLLISION	SINGLE VEHICLE
71031450	092	KY0136	9.333	7/25/2011	1	0	2	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71079894	092	KY0136	7.683	11/5/2011	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71176353	075	KY0136	8.544	6/13/2012	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71251985	092	KY0136	7.597	1/8/2013	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71208785	092	KY0136	0.077	10/4/2012	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71395262	075	KY0136	21.021	12/15/2013	1	0	0	OTHER ROADWAY OR MID-BLOCK COLLISION	SINGLE VEHICLE
71383729	092	KY0136	0.918	11/26/2013	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71101782	075	KY0136	18.108	12/21/2011	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71077942	092	KY0136	4.984	11/8/2011	2	0	0	SIDESWIPE COLLISION - OPPOSITE DIRECTION	SIDESWIPE-OPPOSITE DIREC
71321850	092	KY0136	9.559	6/13/2013	2	0	0	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
71247671	075	KY0136	8.038	11/29/2012	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71084292	075	KY0136	4.539	10/31/2011	2	0	0	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
70962686	075	KY0136	18.468	2/7/2011	2	0	2	1 VEHICLE ENTERING/LEAVING ENTRANCE	ANGLE
71069025	075	KY0136	17.217	10/24/2011	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71052614	075	KY0136	12.375	8/9/2011	2	0	1	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
71050511	075	KY0136	14.549	9/13/2011	2	0	0	ANGLE COLLISION - ONE VEHICLE TURNING LEFT	ANGLE
71085275	092	KY0136	3.176	11/28/2011	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71049752	092	KY0136	1.336	11/19/2011	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71186778	075	KY0136	6.101	7/30/2012	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71148186	092	KY0136	3.047	4/30/2012	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71360557	092	KY0136	4.19	10/5/2013	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
71358037	075	KY0136	6.827	9/24/2013	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71361475	092	KY0136	3.102	9/30/2013	1	0	1	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
71101787	075	KY0136	13.585	12/27/2011	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71216339	075	KY0136	5.732	8/16/2012	2	0	0	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
71325417	075	KY0136	15.002	4/22/2013	2	0	0	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
70997608	075	KY0136	13.469	5/8/2011	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
70997609	075	KY0136	10.401	4/28/2011	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71204265	092	KY0136	3.049	9/17/2012	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71103072	092	KY0136	9.517	1/10/2012	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71154393	075	KY0136	8.698	5/14/2012	2	0	1	SIDESWIPE COLLISION - OPPOSITE DIRECTION	SIDESWIPE-OPPOSITE DIREC
71069015	075	KY0136	22.945	9/6/2011	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71069026	075	KY0136	7.642	10/25/2011	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71121055	075	KY0136	22.36	2/6/2012	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
71146485	092	KY0136	0.04	4/25/2012	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71110622	075	KY0136	11.85	12/13/2011	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
71167991	092	KY0136	9.581	6/22/2012	2	0	0	REAR END IN TRAFFIC ONE VEHICLE STOPPED	REAR END
71002498	075	KY0136	18.964	4/27/2011	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
70968946	092	KY0136	2.881	2/21/2011	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
71020985	075	KY0136	18.466	7/5/2011	1	0	0	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
71091887	092	KY0136	6.312	12/13/2011	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
70969813	075	KY0136	21.872	1/20/2011	1	0	0	COLLISION WITH FIXED OBJECT IN INTERSECTION - FIRST EVE	SINGLE VEHICLE
71387040	092	KY0136	0.037	11/21/2013	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71258319	092	KY0136	1.503	1/24/2013	1	0	0	COLLISION WITH ANIMAL	SINGLE VEHICLE
71008646	092	KY0136	3.521	6/2/2011	2	0	1	OTHER ROADWAY OR MID-BLOCK COLLISION	OPPOSING LEFT TURN
71084295	075	KY0136	12.655	11/4/2011	2	0	0	SIDESWIPE COLLISION - SAME DIRECTION	SIDESWIPE-SAME DIREC
71084307	075	KY0136	12.726	11/16/2011	2	0	1	REAR END IN TRAFFIC LANES BOTH VEHICLES MOVING	REAR END
70963298	092	KY0136	3.584	1/16/2011	1	0	1	COLLISION WITH FIXED OBJECT NON - INTERSECTION - FIRST	SINGLE VEHICLE
70995343	092	KY0136	6.665	4/24/2011	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71186776	075	KY0136	13.1	7/23/2012	2	0	0	1 VEHICLE ENTERING/LEAVING ENTRANCE	ANGLE
71352624	075	KY0136	5.453	9/9/2013	1	0	1	OTHER ROADWAY OR MID-BLOCK COLLISION	SINGLE VEHICLE
71190127	075	KY0136	3.894	6/26/2012	1	0	1	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71325028	092	KY0136	3.076	7/4/2013	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71279322	092	KY0136	3.07	3/25/2013	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE
71013459	075	KY0136	18.227	5/31/2011	2	0	0	OPPOSITE DIRECTION - BOTH VEHICLES GOING STRAIGHT AH	HEAD ON
71353341	075	KY0136	4.186	8/15/2013	2	0	1	SIDESWIPE COLLISION - OPPOSITE DIRECTION	SIDESWIPE-OPPOSITE DIREC
71353346	075	KY0136	13.076	8/8/2013	2	0	2	ANGLE COLLISION - ONE VEHICLE TURNING LEFT	ANGLE
71401876	075	KY0136	3.377	9/22/2013	1	0	0	RAN OFF ROADWAY (1 VEHICLE WITH/EARTH EMBANKMENT/D	SINGLE VEHICLE