

Traffic Forecast Report

AA Highway Improvements Study

Pendleton, Bracken, Mason, Lewis, Greenup, and Carter Counties

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Kentucky Transportation Cabinet



Prepared by:

HMB Professional Engineers



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- Appendix A: Count Data
- Appendix B: 2020 Turning Movement Forecasts
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COMMONLY USED ABBREVIATIONS

AADT	Average Annual Daily Traffic	Adjusted for seasonal and monthly factors
AADTT	Average Annual Daily Truck Traffic	Total truck volume for a year
DHV	Design Hour Volume	30 th highest hour of a year
%T	Truck Percentage	Percentage of trucks to total volume
FC	Functional Class	Street or highway's group based on service
GR	Growth Rate	Calculated value to estimate future volumes
PHF	Peak Hour Factor	Considers 15 min. spike in an hourly count
K-Factor	30 th Highest Hour Factor	DHV divided by ADT (DHV/ADT)
D-Factor	Directional Factor	Percentage of dominant flow to total
MP	Mile Point	Miles increase easterly and northerly
ATR	Automatic Traffic Recorder	Permanent and continuous recording station
KYSTM	Kentucky Statewide Model	Computerized representation of KY roads

INTRODUCTION AND STUDY AREA

The AA Highway Improvements Study was initiated by the Kentucky Transportation Cabinet (KYTC) through the 2018 – 2020 Statewide Planning Services Contract to identify and evaluate potential improvement concepts to improve overall safety and operational performance of the AA Highway (KY 9 / KY 10). Through the application of a data-driven safety and operations analysis, potential improvement concepts will be identified, evaluated, and prioritized to complete a comprehensive transportation improvement plan for the corridor. The study area incorporates KY 9 from the Campbell / Pendleton County line to Grayson (KY 1), and KY 10 from Vanceburg to US 23 in Greenup County (total of approximately 120 miles). The study area is presented in **Figure 1**.

The current project phase is a scoping study. Traffic impacts will be evaluated for the existing conditions (2020) and future year (2045). No distinction is made between No Build and Build volumes for the mainline forecasts as differences are not expected to alter design decisions. For reference, the Design Year was determined to be 2045 per guidance from the scoping meeting (September 20, 2019 scoping meeting).

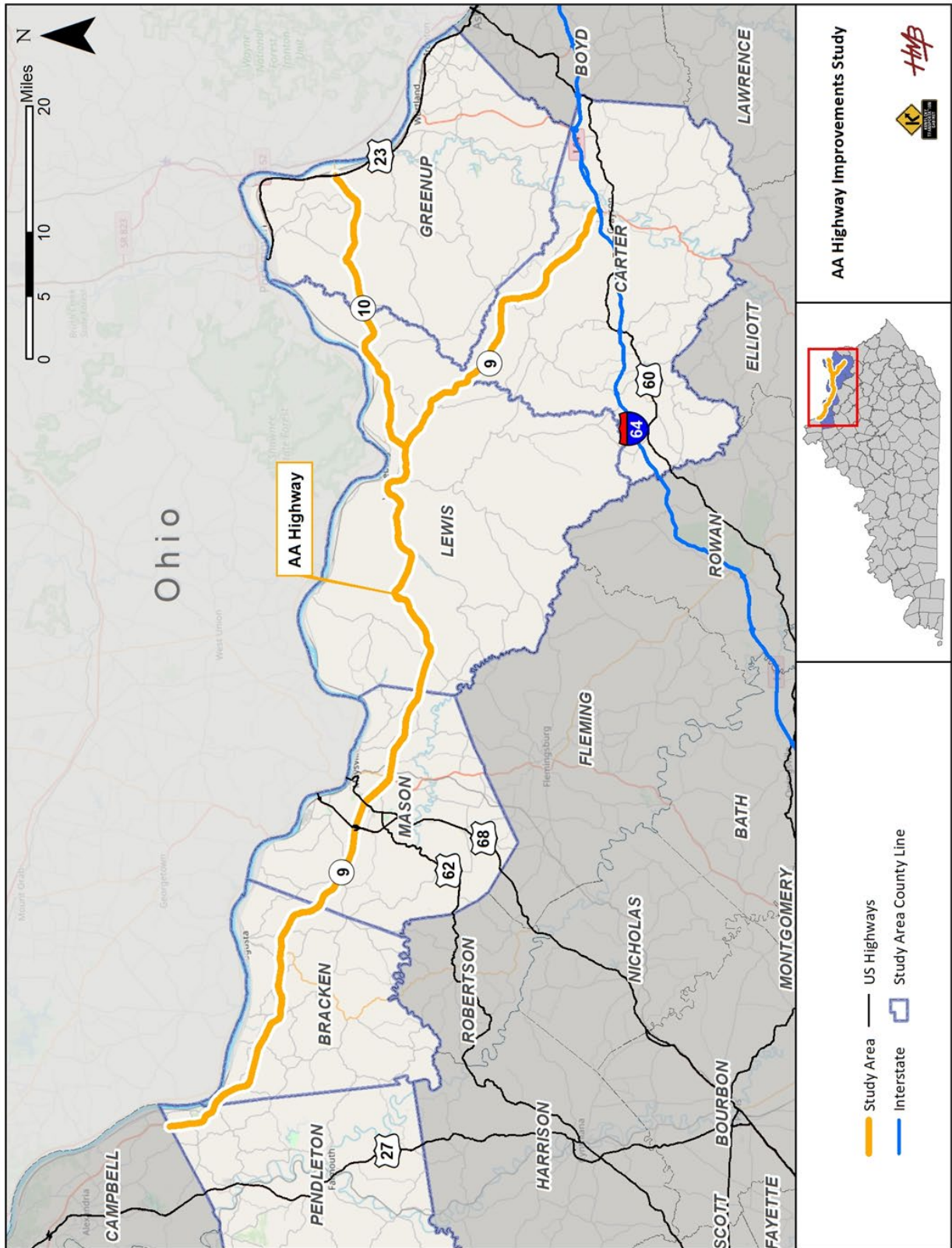
This document summarizes the AA Highway traffic forecast procedure and presents the following types of forecasts:

- 2020 AADT and DHV
- 2045 AADT and DHV
- 2020 / 2045 AADTT
- Select Intersection 2020 / 2045 AM and PM Turning Movement Volumes

Forecasts were developed for the mainline segments initially. Following the existing conditions analysis and identification of potential improvement concept locations, specific intersections were identified for turning movement counts. The locations were chosen where there was need to evaluate concepts that would modify operations or capacity such as adding / modifying turn lanes and / or signal phasing / timing. For these intersections, Current (2020) and Future Year (2045) volumes were determined through the traffic forecasting process.

The following sections provide the information relative to the development and presentation of the traffic forecast numbers.

Figure 1. Study Area



EXISTING TRAFFIC VOLUMES

The most recent AADT volumes on the mainline of the AA Highway (KY 9 and KY 10) in the study area were obtained from the KYTC traffic count reporting system (CTS). The segment, station numbers, mile points, last year of count, and traffic volumes (AADT) are shown in **Table 1. Figures 2 through 6** show the forecasted 2020 AADT, truck traffic volumes (AADTT), and design hourly volumes (DHV).

Table 1. Count Stations and AADT Volumes

Segment No.	County	Route	Station ID	Begin MP	End MP	Last Year of Count	AADT
30	Pendleton	KY 9	096009	4.339	0.000	2014	7,610
29	Bracken	KY 9	012793	19.857	13.585	2017	7,160
28	Bracken	KY 9	012802	13.585	10.259	2016	6,320
27	Bracken	KY 9	012788	10.259	5.546	2017	5,460
26	Bracken	KY 9	012003	5.546	0.000	2018	6,180
25	Mason	KY 9	012003	19.541	19.293	2018	6,180
24	Mason	KY 9	081792	19.293	17.049	2016	5,700
23	Mason	KY 9	081789	17.049	16.179	2018	6,340
22	Mason	KY 9	081782	16.179	15.754	2013	8,570
21	Mason	KY 9	081797	15.754	12.395	2015	8,960
20	Mason	KY 9	081038	12.395	10.744	2018	12,310
19	Mason	KY 9	081A85	10.744	10.256	2017	13,720
18	Mason	KY 9	081A96	10.256	8.969	2016	13,130
17	Mason	KY 9	081004	8.969	7.560	2017	11,810
16	Mason	KY 9	081007	7.560	3.781	2017	8,070
15	Mason	KY 9	081009	3.781	0.000	2016	5,950
14	Lewis	KY 9	068829	31.218	28.380	2017	4,970
13	Lewis	KY 9	068830	28.380	24.256	2018	4,860
12	Lewis	KY 9	068809	24.256	18.553	2016	5,420
11	Lewis	KY 9	068P52	18.553	14.565	2018	5,790
10	Lewis	KY 9	068331	14.565	13.049	2018	6,110
9	Lewis	KY 9	068042	13.049	11.205	2017	4,940
8	Lewis	KY 9	068038	11.205	8.048	2016	5,020
7	Lewis	KY 9	068005	8.048	4.637	2018	2,280
6	Lewis	KY 9	068043	4.637	0.000	2016	2,300
5	Carter	KY 9	022777	18.262	12.821	2016	2,210
4	Carter	KY 9	022791	12.821	11.324	2014	3,090
3	Carter	KY 9	022046	11.324	5.486	2017	3,100
2	Carter	KY 9	022045	5.486	1.078	2016	3,930
1	Carter	KY 9	022044	1.078	0.000	2018	4,530
31	Lewis	KY 10	068045	6.788	8.680	2016	2,500
32	Lewis	KY 10	068039	8.680	12.086	2016	2,560
33	Lewis	KY 10	068040	12.086	15.192	2017	4,510
34	Lewis	KY 10	068046	15.192	17.398	2018	1,330
35	Lewis	KY 10	068041	17.398	19.834	2018	1,120
36	Greenup	KY 10	068041	0.000	0.551	2018	1,120
37	Greenup	KY 10	045783	0.551	3.875	2017	1,350
38	Greenup	KY 10	045759	3.875	8.289	2018	1,760
9	Greenup	KY 10	045034	8.289	11.582	2016	2,860

Figure 3. Mason County Count Stations and 2020 Mainline Volumes

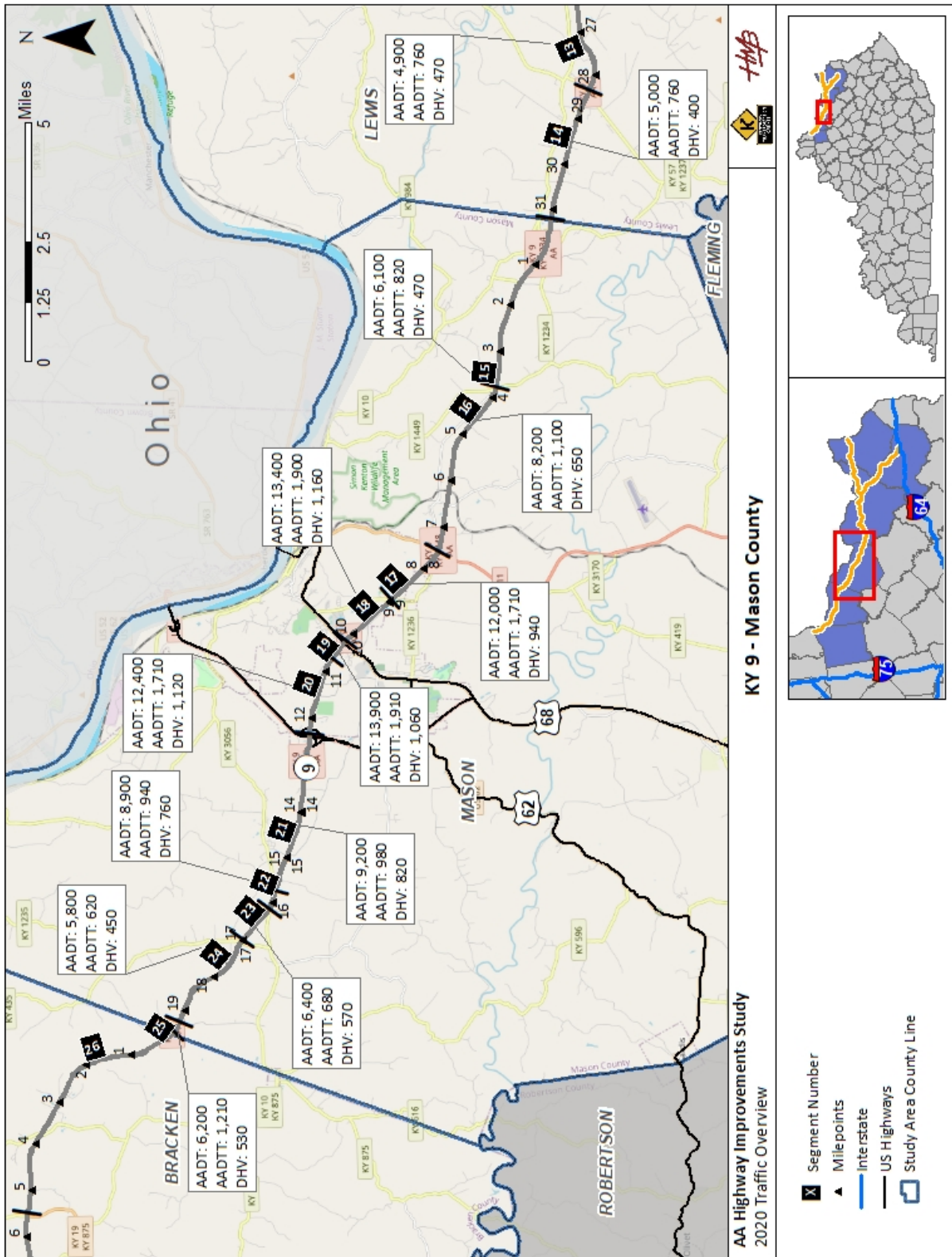


Figure 4. Lewis County (KY 9) Count Stations and 2020 Mainline Volumes

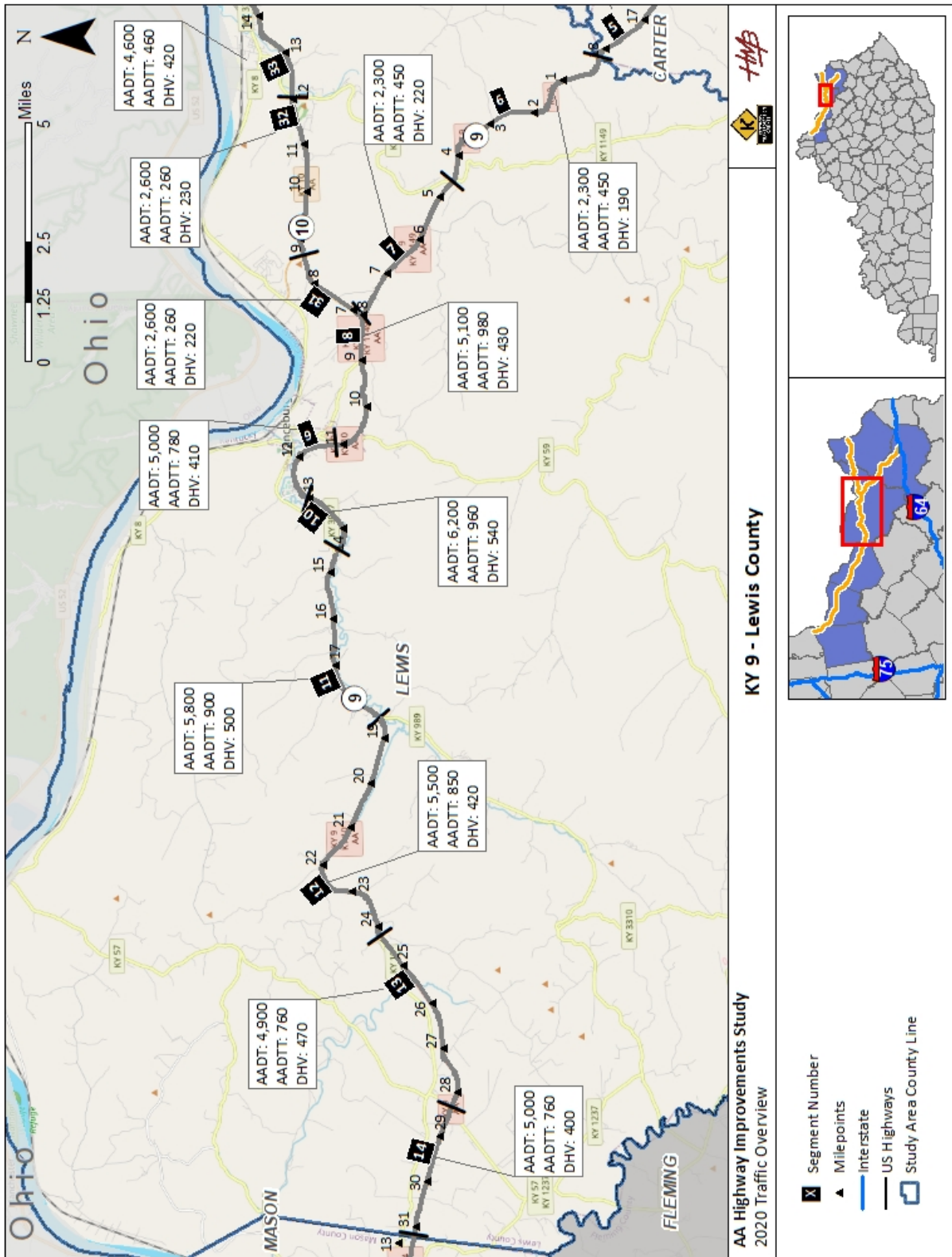


Figure 5. Lewis (KY 10) and Greenup County Count Stations and 2020 Mainline Volumes

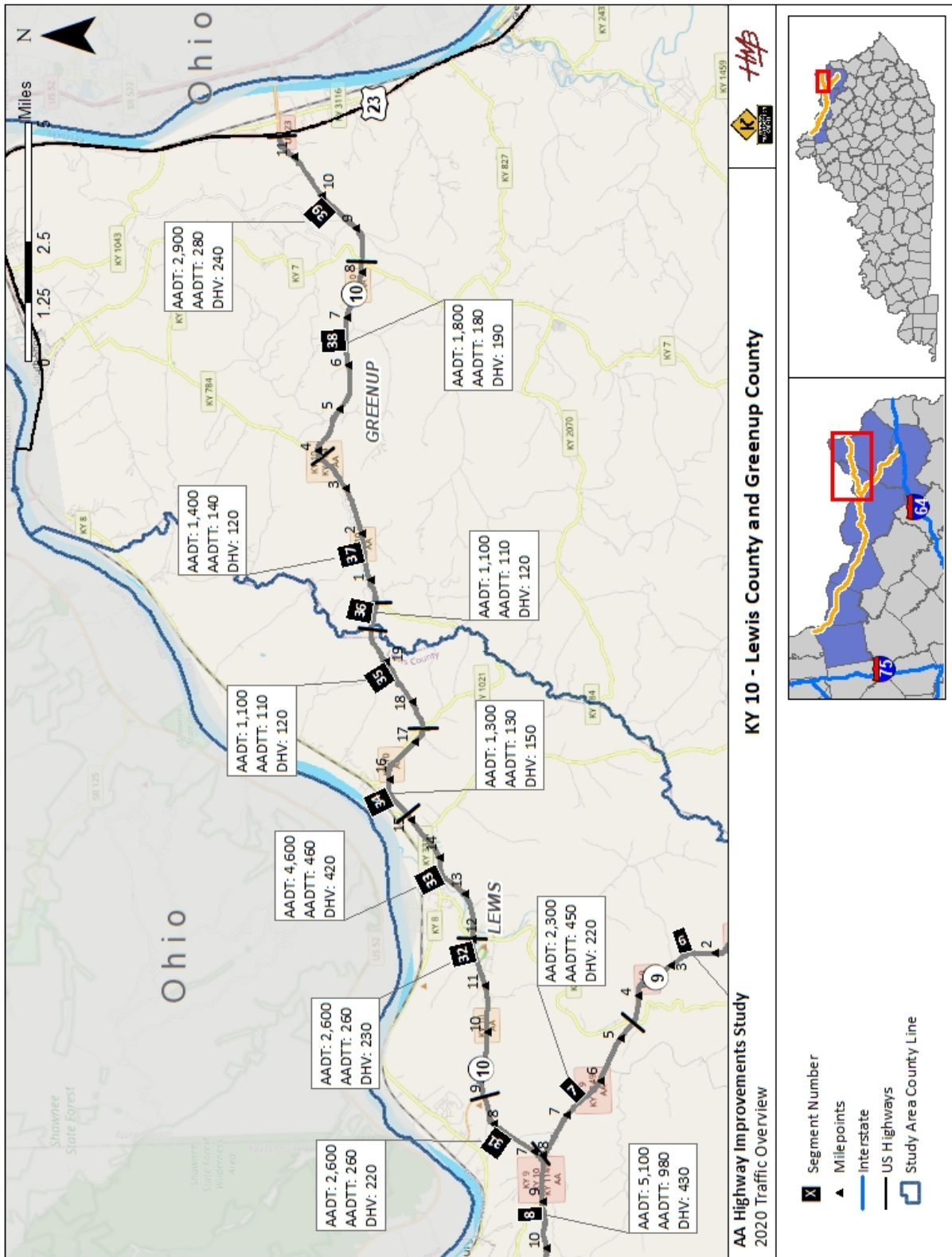
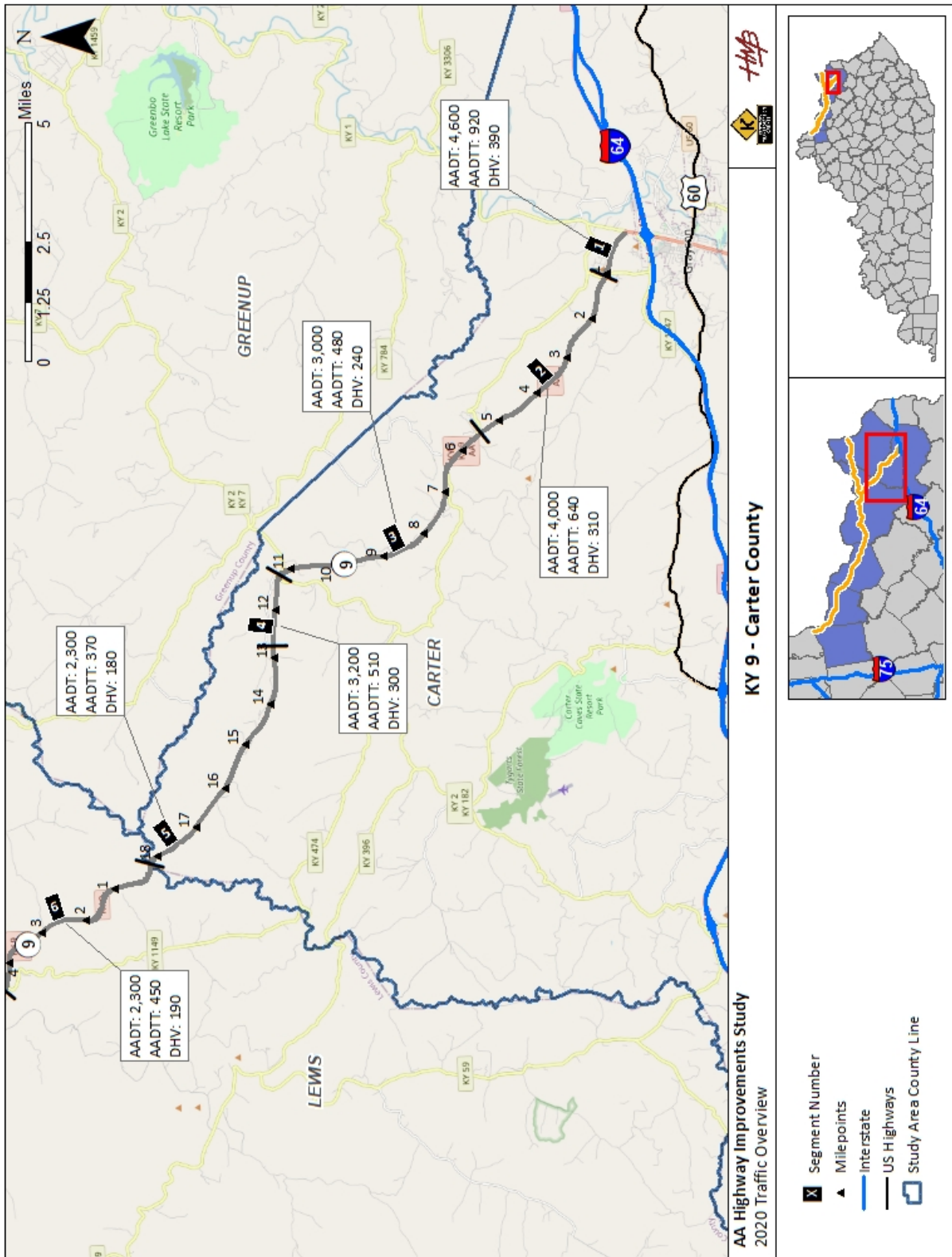


Figure 6. Carter County Count Stations and 2020 Mainline Volumes



Peak period (AM / PM) turning movement counts were conducted at locations where turn lanes / capacity changes may be considered. **Table 2** displays information about the counts. Counts were conducted for the peak hours only (7:00-9:00 AM and 3:00-6:00 PM) except for Clarkson Sherman Road due to the alternative peak hour of the operation of the landfill (6:45-9:00 AM and 2:30-4:30 PM). All counts were conducted prior to shelter-in-place orders resulting from the COVID-19 pandemic except for the intersections of KY 9/ Clarkson Sherman Road and KY 9 / KY 59. At the KY 9 / Clarkson Sherman Road intersection, the focus of the data collection was to determine the amount of turning truck traffic to the nearby landfill. Based on previous knowledge for the intersection, it was observed by KYTC that the volumes were lower than expected and the peak hour may have not been captured. Therefore, a re-count was determined to likely be needed in the future. The KY 9 / KY 59 intersection was to be counted by KYTC District 9 the week after the shelter-in-place orders and therefore was not able to be counted. However, the intersection was counted in 2015 for a previous study.

Table 2. Intersection Turning Movement Count Locations

Route	County	Mile Point	Intersecting Road	Date of Count
KY 9	Bracken	19.805	Iler Road	Tuesday, March 3, 2020
KY 9	Bracken	17.878	Holts Creek Road	Tuesday, March 3, 2020
KY 9	Bracken	15.687	Eden Ridge Road	Wednesday, March 4, 2020
KY 9	Bracken	7.751	Mt. Zion Road	Wednesday, March 4, 2020
KY 9	Mason	12.620	Downing Drive	Tuesday, March 10, 2020
KY 9	Mason	10.860	Kenton Station Drive	Tuesday, March 10, 2020
KY 9	Mason	10.256	US 62	Tuesday, March 10, 2020
KY 9	Mason	9.992	Market Square Drive	Tuesday, March 10, 2020
KY 9	Mason	9.610	Tucker Drive	Tuesday, March 10, 2020
KY 9	Mason	9.435	Walmart Way Entrance No. 1	Tuesday, March 10, 2020
KY 9	Mason	9.274	Walmart Way Entrance No. 2	Tuesday, March 10, 2020
KY 9	Mason	7.560	KY 11	Thursday, March 5, 2020
KY 9	Mason	4.740	Clarkson Sherman Road	Monday, March 16, 2020
KY 9	Lewis	11.205	KY 59 / Fairlane Drive	2015 – Planning Study
KY 9	Carter	6.498	KY 7 (North)	Thursday, March 12, 2020
KY 9	Carter	5.486	KY 7 (South)	Thursday, March 12, 2020
KY 9	Carter	1.078	KY 1959	Tuesday, March 10, 2020

Raw count data collected for this study is included in **Appendix A** for reference. The factored and balanced volumes are included in **Appendix B**.

FUTURE TRAFFIC VOLUMES

Design Year

The Design Year for a construction project is typically 20 years beyond the project's opening date per AASHTO's "A Policy on Design Standards – Interstate System". Given the uncertainty of funding and the construction schedule, a design year of 2045 was agreed upon by the Project Team at the initial scoping meeting.

Growth Rate / Model Output

Initial forecasting efforts relied upon historic traffic count data from CTS. The resulting historical growth rate is shown by count station in **Table 3**. Highlighted values in green show stations with positive growth. KYTC also provided data from the KYTC Traffic Forecasting Tool (TFT) which uses the Kentucky Statewide Traffic Model (KYSTM) base and future output values to obtain growth rates. From the count stations provided, KYTC provided a range of growth between 0.2 and 0.5 percent per year. While most count stations show historically negative growth, a select link analysis (procedure to show where traffic comes from and goes to) from the KYSTM shows there are trips that use the AA Highway and travel to neighboring states. Therefore, the AA Highway acts as a regional connector, not just local trips. With this additional information, a growth rate of 0.5% per year was agreed upon with KYTC.

2045 Traffic Volumes

The resulting 2045 segment volumes are provided on **Figure 7** through **Figure 11**. The figures include DHV along with AADT and AADTT for mainline segments.

For the intersections counted as part of the improvement analysis, the resulting 2045 forecasted turning movement counts are included in **Appendix C**.

Table 3. Historical Growth by Count Station

Segment No.	Station ID	County	Roadway	Begin MP	End MP	Historical Growth Rate
1	022044	CARTER	KY 9	0.000	1.078	-2.0%
2	022045	CARTER	KY 9	1.078	5.486	-2.7%
3	022046	CARTER	KY 9	5.486	11.324	-2.1%
4	022791	CARTER	KY 9	11.324	12.821	-3.0%
5	022777	CARTER	KY 9	12.821	18.262	-3.5%
6	068043	LEWIS	KY 9	0.000	4.637	-3.0%
7	068005	LEWIS	KY 9	4.637	8.048	-3.8%
8	068038	LEWIS	KY 9	8.048	11.205	-2.3%
9	068042	LEWIS	KY 9	11.205	13.049	-2.2%
10	068331	LEWIS	KY 9	13.049	14.565	0.8%
11	068P52	LEWIS	KY 9	14.565	18.553	-0.8%
12	068809	LEWIS	KY 9	18.553	24.256	0.5%
13	068830	LEWIS	KY 9	24.256	28.380	-0.4%
14	068829	LEWIS	KY 9	28.380	31.218	-1.1%
15	081009	MASON	KY 9	0.000	3.781	-1.8%
16	081007	MASON	KY 9	3.781	7.560	-0.8%
17	081004	MASON	KY 9	7.560	8.969	-0.7%
18	081A96	MASON	KY 9	8.969	10.256	-1.7%
19	081A85	MASON	KY 9	10.256	10.744	-1.7%
20	081038	MASON	KY 9	10.744	12.395	-0.7%
21	081797	MASON	KY 9	12.395	15.754	-1.8%
22	081782	MASON	KY 9	15.754	16.179	-1.2%
23	081789	MASON	KY 9	16.179	17.049	-1.3%
24	081792	MASON	KY 9	17.049	19.293	-0.5%
25	012003	MASON	KY 9	19.293	19.541	-0.4%
26	012003	BRACKEN	KY 9	0.000	5.546	-0.3%
27	012788	BRACKEN	KY 9	5.546	10.259	-1.3%
28	012802	BRACKEN	KY 9	10.259	13.585	-1.1%
29	012793	BRACKEN	KY 9	13.585	19.857	-1.2%
30	096009	PENDLETON	KY 9	0.000	4.339	-1.7%
31	068045	LEWIS	KY 10	6.788	8.680	-1.1%
32	068039	LEWIS	KY 10	8.680	12.086	-0.8%
33	068040	LEWIS	KY 10	12.086	15.192	1.2%
34	068046	LEWIS	KY 10	15.192	17.398	-3.1
35	068041	LEWIS	KY 10	17.398	19.834	-0.9%
36	068041	GREENUP	KY 10	0.000	0.551	-0.9%
37	045783	GREENUP	KY 10	0.551	3.875	-2.0%
38	045759	GREENUP	KY 10	3.875	8.289	-0.4%
39	045034	GREENUP	KY 10	8.289	11.582	-0.9%

Figure 7. Pendleton and Bracken County 2045 Mainline Volumes

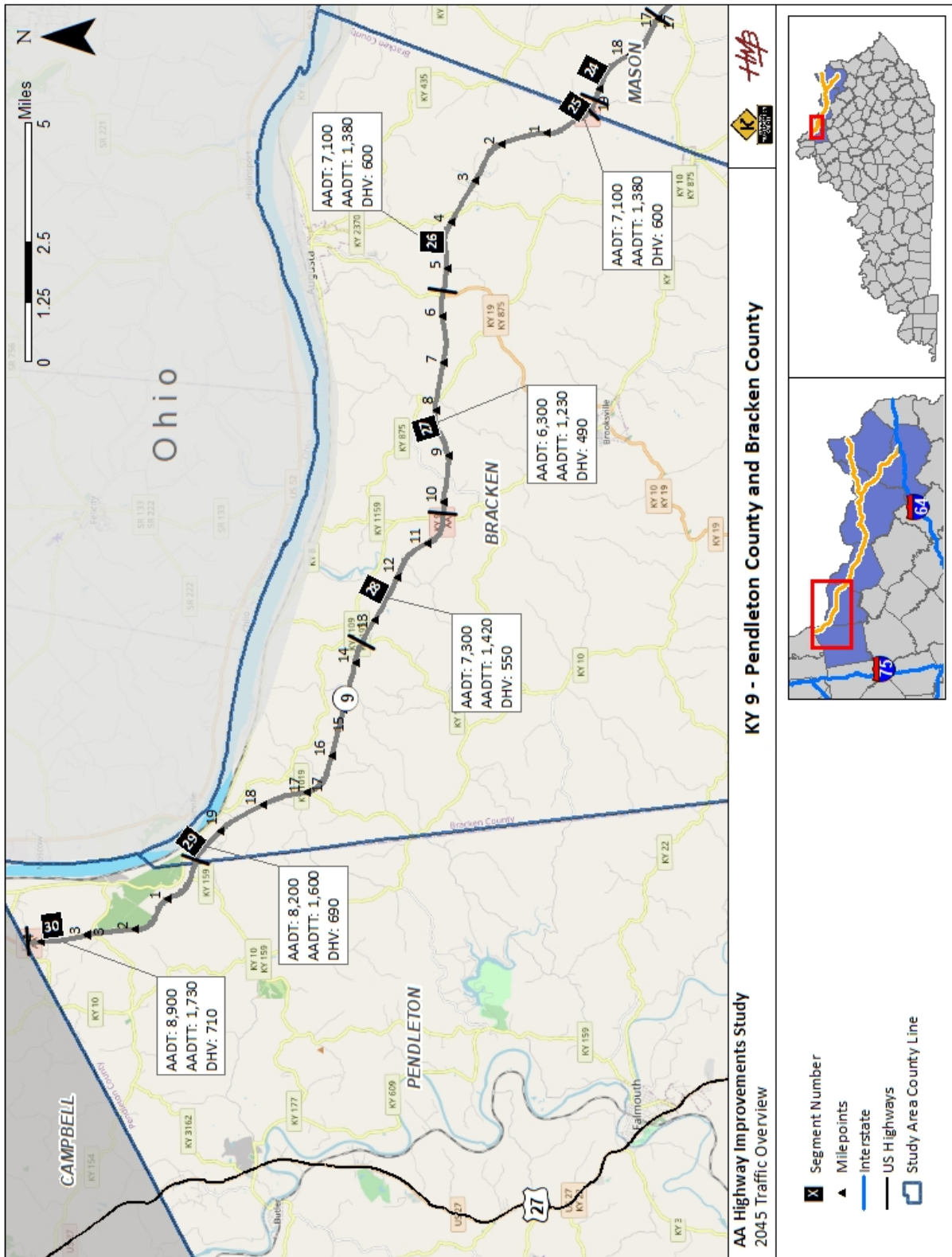


Figure 8. Mason County 2045 Mainline Volumes

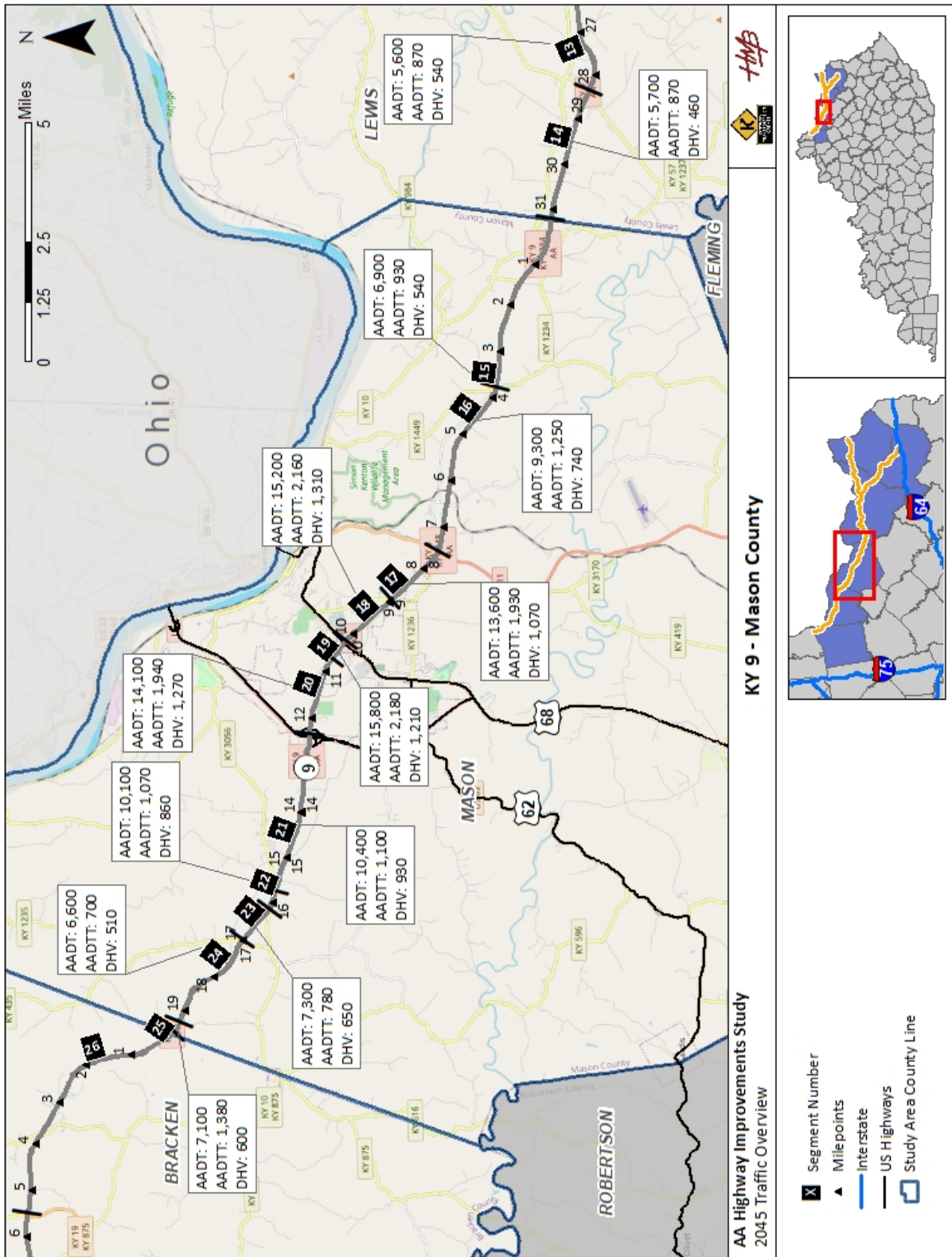


Figure 9. Lewis County (KY 9) 2045 Mainline Volumes

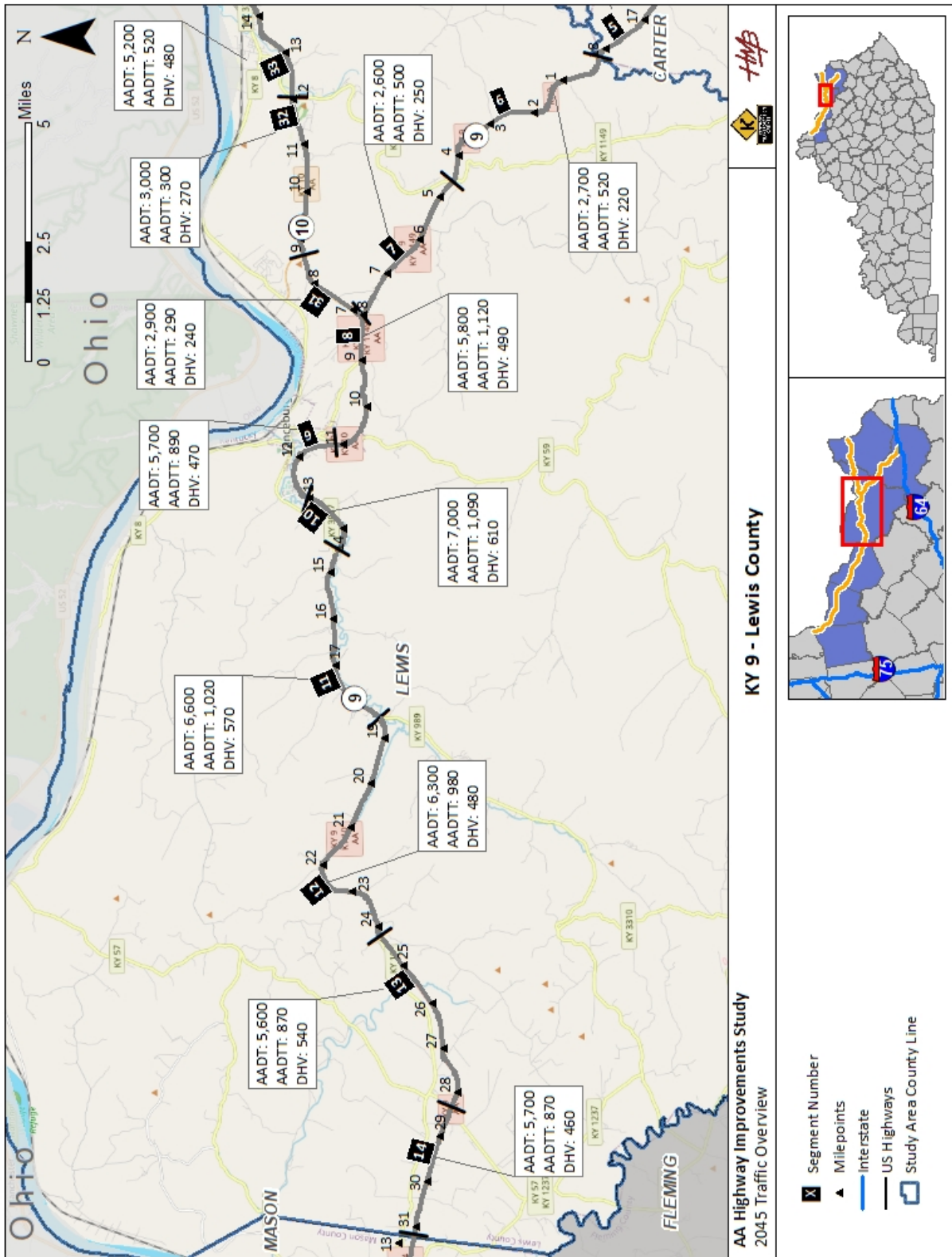


Figure 10. Lewis (KY 10) and Greenup County 2045 Mainline Volumes

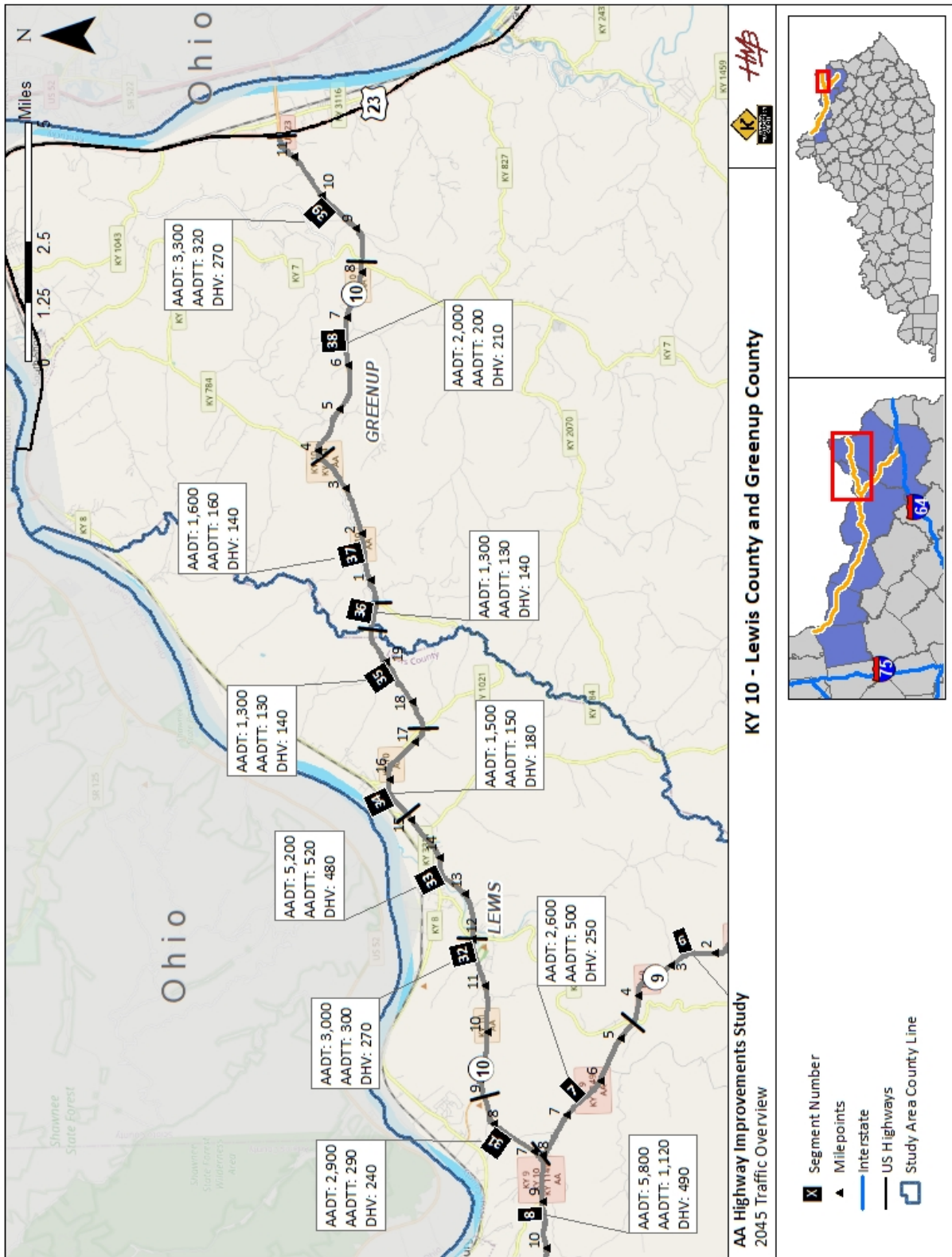
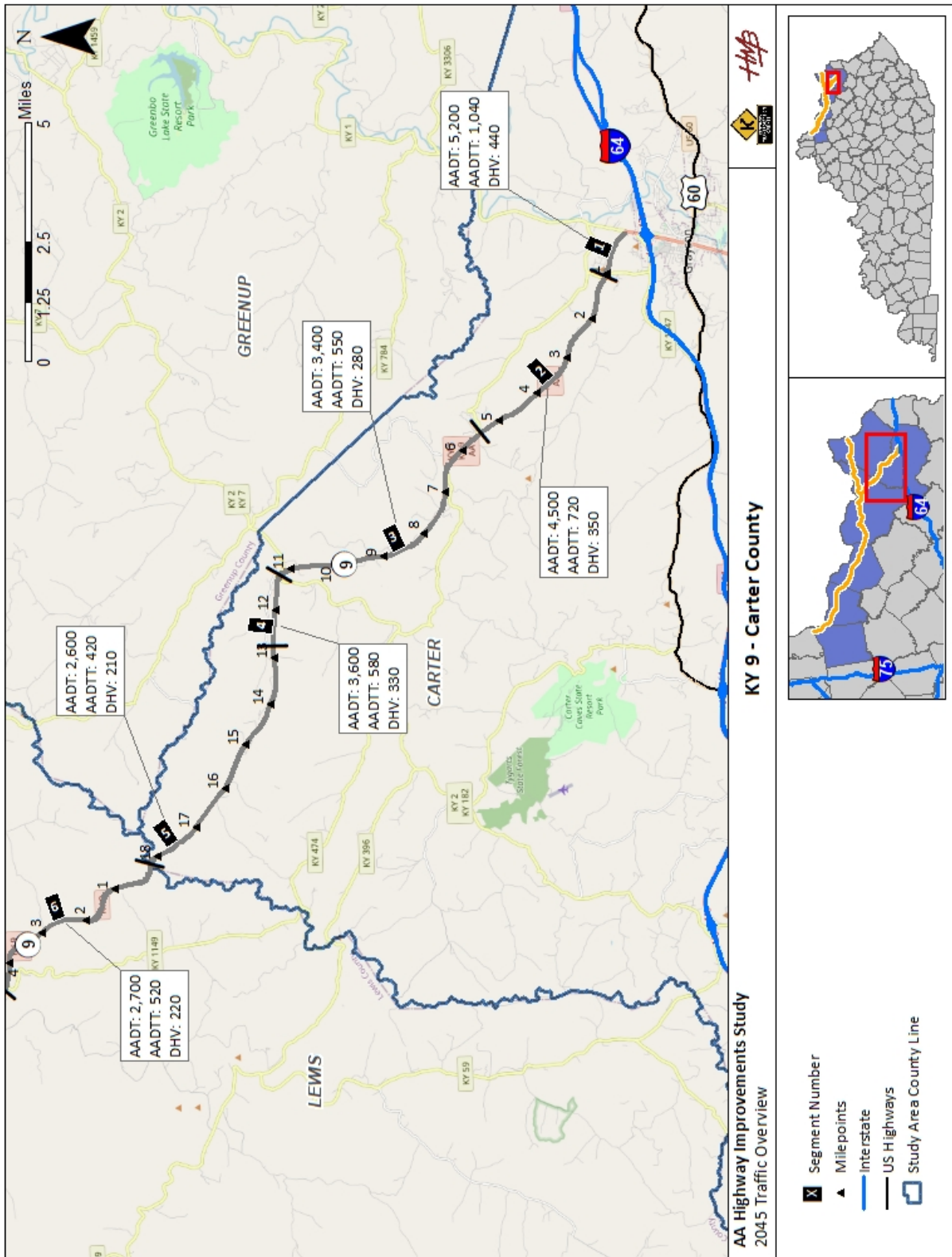


Figure 11. Carter County 2045 Mainline Volumes



DESIGN FACTORS

K-Factor

Hourly factors were calculated from the count data collected for the project mainline segments. Specific factors per each segment are included in **Table 4**.

D-Factor

Directional factors were calculated from the count data collected and shown by segment in **Table 4**.

TRUCK VOLUMES

Truck percentages and volumes were derived from count information available through the KYTC Traffic Count Reporting System and the KYTC Vehicle Classification spreadsheet.

The same growth rate used for overall traffic growth of 0.5 percent per year is recommended to be applied for the truck volumes. Truck volumes by mainline segment are listed in **Table 5**.

Table 4. Design Factors

Segment No.	Station ID	County	Roadway	Begin MP	End MP	K Factor	D-Factor
1	022044	CARTER	KY 9	0.000	1.078	8.4%	58%
2	022045	CARTER	KY 9	1.078	5.486	7.7%	53%
3	022046	CARTER	KY 9	5.486	11.324	8.0%	56%
4	022791	CARTER	KY 9	11.324	12.821	9.1%	58%
5	022777	CARTER	KY 9	12.821	18.262	7.7%	58%
6	068043	LEWIS	KY 9	0.000	4.637	7.9%	58%
7	068005	LEWIS	KY 9	4.637	8.048	9.3%	51%
8	068038	LEWIS	KY 9	8.048	11.205	8.3%	58%
9	068042	LEWIS	KY 9	11.205	13.049	8.1%	56%
10	068331	LEWIS	KY 9	13.049	14.565	8.6%	57%
11	068P52	LEWIS	KY 9	14.565	18.553	8.5%	52%
12	068809	LEWIS	KY 9	18.553	24.256	7.6%	58%
13	068830	LEWIS	KY 9	24.256	28.380	9.5%	57%
14	068829	LEWIS	KY 9	28.380	31.218	7.9%	56%
15	081009	MASON	KY 9	0.000	3.781	7.7%	59%
16	081007	MASON	KY 9	3.781	7.560	7.9%	56%
17	081004	MASON	KY 9	7.560	8.969	7.8%	56%
18	081A96	MASON	KY 9	8.969	10.256	8.6%	56%
19	081A85	MASON	KY 9	10.256	10.744	7.6%	51%
20	081038	MASON	KY 9	10.744	12.395	9.0%	58%
21	081797	MASON	KY 9	12.395	15.754	8.9%	54%
22	081782	MASON	KY 9	15.754	16.179	8.5%	55%
23	081789	MASON	KY 9	16.179	17.049	8.9%	57%
24	081792	MASON	KY 9	17.049	19.293	7.7%	58%
25	012003	MASON	KY 9	19.293	19.541	8.4%	57%
26	012003	BRACKEN	KY 9	0.000	5.546	8.4%	57%
27	012788	BRACKEN	KY 9	5.546	10.259	7.7%	56%
28	012802	BRACKEN	KY 9	10.259	13.585	7.4%	58%
29	012793	BRACKEN	KY 9	13.585	19.857	8.3%	67%
30	096009	PENDLETON	KY 9	0.000	4.339	7.9%	58%
31	068045	LEWIS	KY 10	6.788	8.680	8.2%	58%
32	068039	LEWIS	KY 10	8.680	12.086	8.8%	58%
33	068040	LEWIS	KY 10	12.086	15.192	9.1%	56%
34	068046	LEWIS	KY 10	15.192	17.398	11.4%	57%
35	068041	LEWIS	KY 10	17.398	19.834	10.7%	53%
36	068041	GREENUP	KY 10	0.000	0.551	10.7%	53%
37	045783	GREENUP	KY 10	0.551	3.875	8.2%	53%
38	045759	GREENUP	KY 10	3.875	8.289	10.4%	57%
39	045034	GREENUP	KY 10	8.289	11.582	8.1%	58%

Table 5. Truck Volumes Mainline Segments

Segment No.	Station ID	County	Roadway	Begin MP	End MP	Truck %	2020 Daily Truck Volume	2045 Daily Truck Volume
1	022044	CARTER	KY 9	0.000	1.078	19.874%	920	1,040
2	022045	CARTER	KY 9	1.078	5.486	15.923%	640	720
3	022046	CARTER	KY 9	5.486	11.324	15.923%	480	550
4	022791	CARTER	KY 9	11.324	12.821	15.923%	510	580
5	022777	CARTER	KY 9	12.821	18.262	15.923%	370	420
6	068043	LEWIS	KY 9	0.000	4.637	19.148%	450	520
7	068005	LEWIS	KY 9	4.637	8.048	19.148%	450	500
8	068038	LEWIS	KY 9	8.048	11.205	19.148%	980	1,120
9	068042	LEWIS	KY 9	11.205	13.049	15.451%	780	890
10	068331	LEWIS	KY 9	13.049	14.565	15.451%	960	1,090
11	068P52	LEWIS	KY 9	14.565	18.553	15.451%	900	1,020
12	068809	LEWIS	KY 9	18.553	24.256	15.451%	850	980
13	068830	LEWIS	KY 9	24.256	28.380	15.451%	760	870
14	068829	LEWIS	KY 9	28.380	31.218	15.151%	760	870
15	081009	MASON	KY 9	0.000	3.781	13.395%	820	930
16	081007	MASON	KY 9	3.781	7.560	13.395%	1,100	1,250
17	081004	MASON	KY 9	7.560	8.969	14.169%	1,710	1,930
18	081A96	MASON	KY 9	8.969	10.256	14.169%	1,900	2,160
19	081A85	MASON	KY 9	10.256	10.744	13.735%	1,910	2,180
20	081038	MASON	KY 9	10.744	12.395	13.735%	1,710	1,940
21	081797	MASON	KY 9	12.395	15.754	10.558%	980	1,100
22	081782	MASON	KY 9	15.754	16.179	10.558%	940	1,070
23	081789	MASON	KY 9	16.179	17.049	10.558%	680	780
24	081792	MASON	KY 9	17.049	19.293	10.558%	620	700
25	012003	MASON	KY 9	19.293	19.541	19.418%	1,210	1,380
26	012003	BRACKEN	KY 9	0.000	5.546	19.418%	1,210	1,380
27	012788	BRACKEN	KY 9	5.546	10.259	19.418%	1,070	1,230
28	012802	BRACKEN	KY 9	10.259	13.585	19.418%	1,250	1,420
29	012793	BRACKEN	KY 9	13.585	19.857	19.418%	1,420	1,600
30	096009	PENDLETON	KY 9	0.000	4.339	19.418%	1,520	1,730
31	068045	LEWIS	KY 10	6.788	8.680	9.869%	260	290
32	068039	LEWIS	KY 10	8.680	12.086	9.869%	260	300
33	068040	LEWIS	KY 10	12.086	15.192	9.869%	460	520
34	068046	LEWIS	KY 10	15.192	17.398	9.599%	130	150
35	068041	LEWIS	KY 10	17.398	19.834	9.711%	110	130
36	068041	GREENUP	KY 10	0.000	0.551	9.711%	110	130
37	045783	GREENUP	KY 10	0.551	3.875	9.599%	140	160
38	045759	GREENUP	KY 10	3.875	8.289	9.599%	180	200
39	045034	GREENUP	KY 10	8.289	11.582	9.599%	280	320

POPULATION

Population data was obtained from the Kentucky State Data Center for Kentucky and all six counties to assist with the determination of growth rates. **Table 6** provides historical population growth by decade. **Table 7** displays population projections by decade.

Table 6. Historical Population Growth

Area	2000	2010	% Growth (2000 – 2010)
Kentucky	4,041,769	4,339,367	7.4%
Pendleton County	14,390	14,877	3.4%
Bracken County	8,279	8,488	2.5%
Mason County	16,800	17,490	4.1%
Lewis County	14,092	13,870	-1.6%
Carter County	26,889	27,720	3.1%
Greenup County	36,891	36,910	0.1%

Source: Kentucky State Data Center (Vintage 2016)

Table 7. Population Forecasts

Area	2010 Census	2015 Estimate	2020 Projection	2030 Projection	2040 Projection	% Growth (2010 – 2040)
Kentucky	4,339,367	4,425,092	4,533,464	4,762,382	4,886,381	12.6%
Pendleton County	14,877	14,408	14,051	13,020	11,603	-22.0%
Bracken County	8,488	8,321	8,139	7,609	6,910	-18.6%
Mason County	17,490	17,099	17,106	16,941	16,448	-6.0%
Lewis County	13,870	13,682	13,434	12,690	11,721	-15.5%
Carter County	27,720	27,158	26,852	25,833	24,386	-12.0%
Greenup County	36,910	36,068	35,475	33,706	31,407	-14.9%

Source: Kentucky State Data Center (Vintage 2016)

Historically, population growth in all six counties is less than that for the state. Population forecasts show decreasing population numbers between 2010 and 2040 for all six counties.

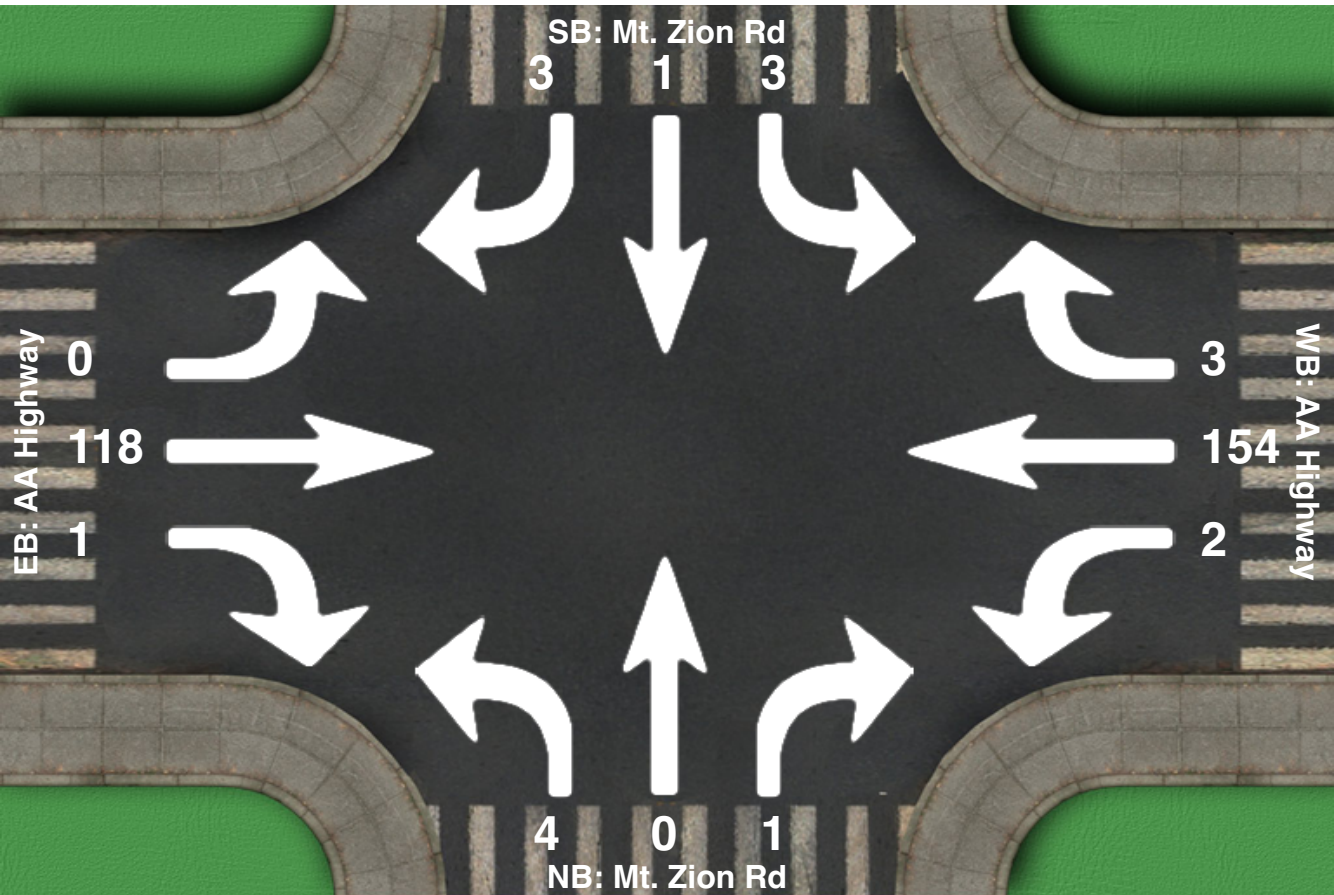
TRAFFIC FORECAST REPORT

APPENDIX A:

COUNT DATA

Intersection Peak Hour

Location: Mt. Zion Rd at AA Highway, Bracken County Ky.
GPS Coordinates: Lat=38.210032, Lon=-84.814381
Date: 2020-03-10
Day of week: Tuesday
Weather: Cloudy/rain
Analyst: Craig Howard



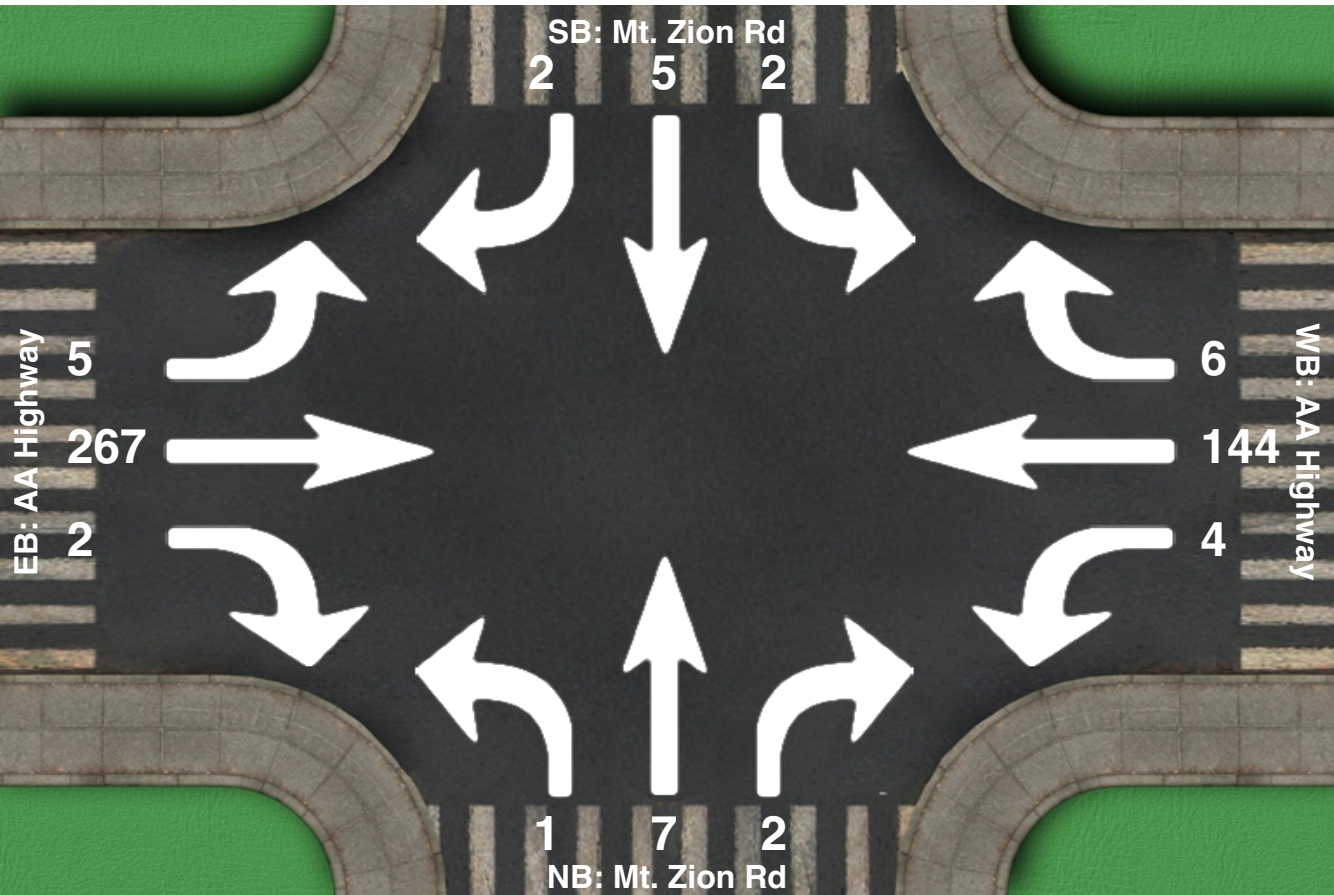
Intersection Peak Hour

07:15 - 08:15

	SouthBound			Westbound			Northbound			Eastbound			Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Vehicle Total	3	1	3	2	154	3	4	0	1	0	118	1	290
Factor	0.38	0.25	0.38	0.50	0.77	0.38	0.50	0.00	0.25	0.00	0.80	0.25	0.87
Approach Factor	0.88			0.78			0.42			0.78			

Intersection Peak Hour

Location: Mt. Zion Rd at AA Highway, Bracken County Ky.
GPS Coordinates: Lat=38.210032, Lon=-84.814381
Date: 2020-03-10
Day of week: Tuesday
Weather: Cloudy
Analyst: Craig Howard



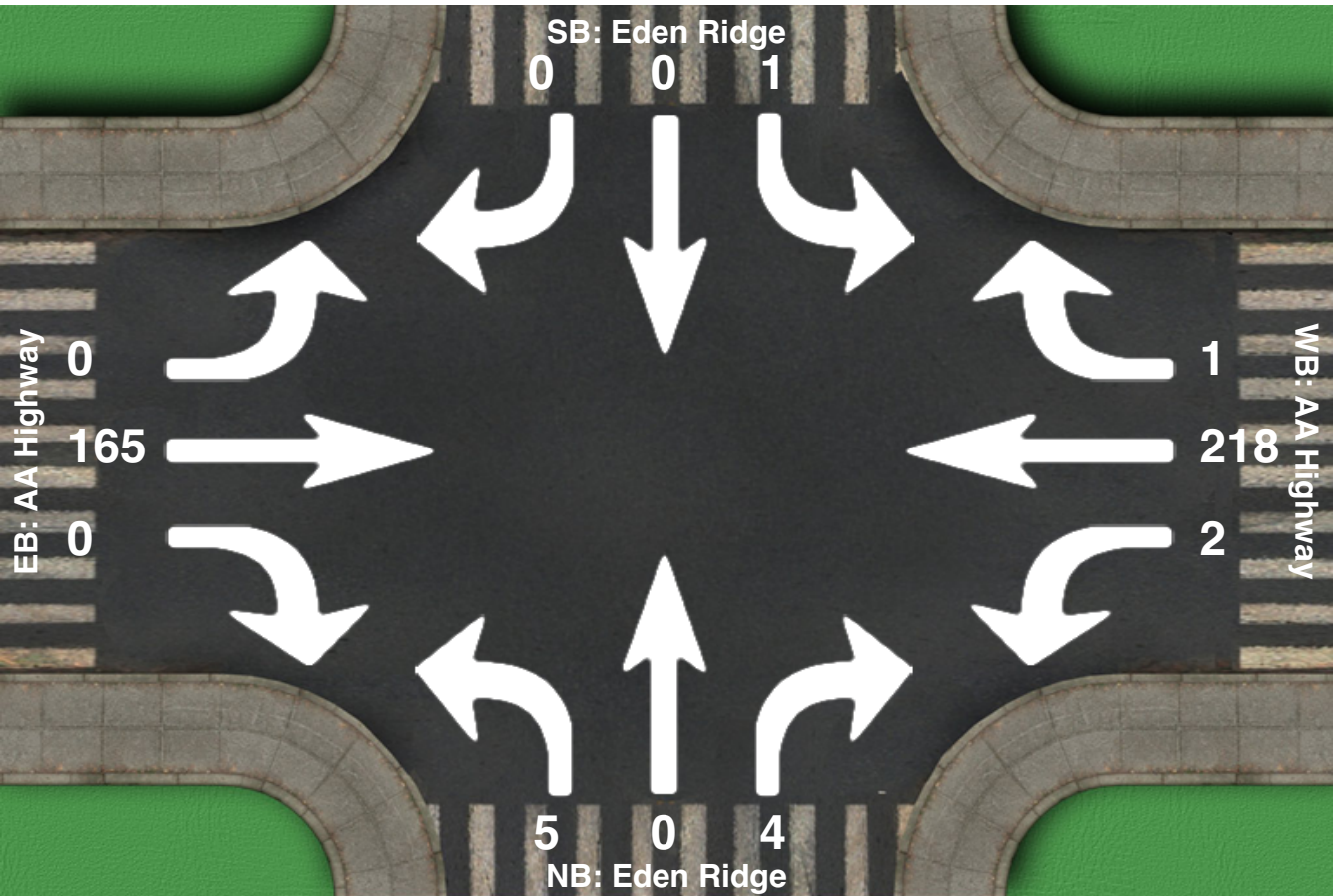
Intersection Peak Hour

16:00 - 17:00

	SouthBound			Westbound			Northbound			Eastbound			Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Vehicle Total	2	5	2	4	144	6	1	7	2	5	267	2	447
Factor	0.50	0.62	0.25	0.50	0.80	0.75	0.25	0.44	0.50	0.42	0.93	0.50	0.89
Approach Factor	0.56			0.82			0.50			0.95			

Intersection Peak Hour

Location: Eden Ridge at AA Highway, Bracken County Ky.
GPS Coordinates: Lat=38.210032, Lon=-84.814381
Date: 2020-03-11
Day of week: Wednesday
Weather: Cloudy
Analyst: Craig Howard



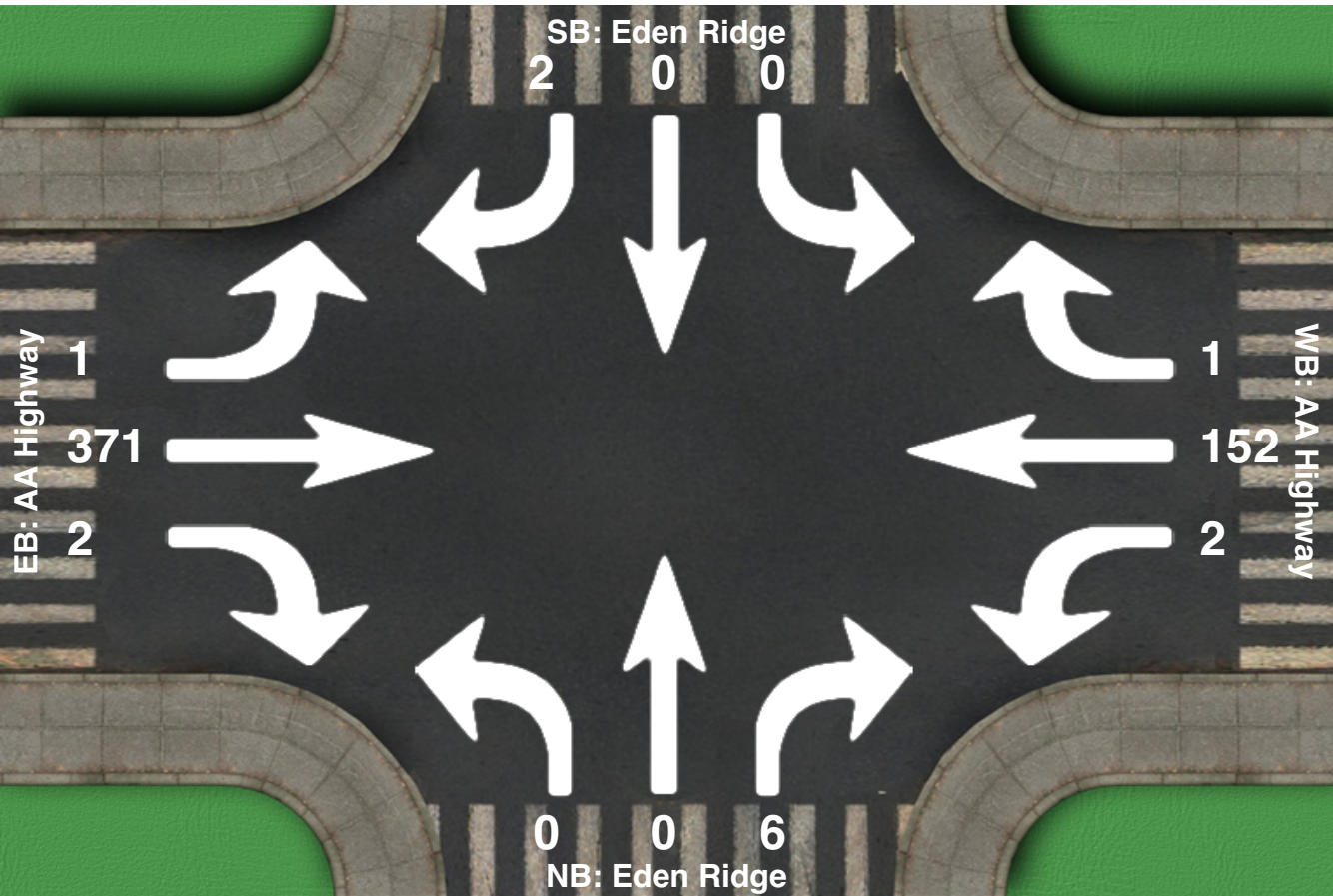
Intersection Peak Hour

07:00 - 08:00

	SouthBound			Westbound			Northbound			Eastbound			Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Vehicle Total	1	0	0	2	218	1	5	0	4	0	165	0	396
Factor	0.25	0.00	0.00	0.50	0.89	0.25	0.62	0.00	0.50	0.00	0.88	0.00	0.88
Approach Factor	0.25			0.89			0.75			0.88			

Intersection Peak Hour

Location: Eden Ridge at AA Highway, Bracken County Ky.
GPS Coordinates: Lat=38.210032, Lon=-84.814381
Date: 2020-03-11
Day of week: Wednesday
Weather: Cloudy
Analyst: Craig Howard



Intersection Peak Hour

17:00 - 18:00

	SouthBound			Westbound			Northbound			Eastbound			Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Vehicle Total	0	0	2	2	152	1	0	0	6	1	371	2	537
Factor	0.00	0.00	0.50	0.50	0.88	0.25	0.00	0.00	0.50	0.25	0.91	0.50	0.91
Approach Factor	0.50			0.88			0.50			0.90			

Turning Movement Count Report

Count Name	Notes	U = U Turn L = Left Turn T = Thru R = Right Turn P1 = Pedestrian Direction 1 P2 = Pedestrian Direction 2 Veh = Total Vehicles for Approach	Vehicle Volume	
AA Hwy			421	
Location			% Bank 1	% Bank 2
Holts Creek Rd 7-9, Not Available			100.0%	0.0%
Performed By			% Bank 3	% Bank 4
James Pristas			0.0%	0.0%
Date			Pedestrians Volume	
03/11/2020	0			

Breakdown by Movement and Time Period

Period	NB							SB							WB							EB							Total Vehicles	Total Pedestrians
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh		
07:00 AM	0	0	1	2	0	0	3	0	0	1	0	0	0	1	0	0	66	0	0	0	66	0	0	35	1	0	0	36	106	0
07:15 AM	0	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	66	0	0	0	66	0	0	29	0	0	0	29	97	0
07:30 AM	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	62	0	0	0	62	0	0	53	0	0	0	53	117	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	54	2	0	0	57	0	0	43	1	0	0	44	101	0

Breakdown by Movement

Movement / Details	NB							SB							WB							EB							Entire Intersection	
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	Vehicles	Pedestrians
Volume	0	1	1	3	0	0	5	0	1	1	1	0	0	3	0	1	248	2	0	0	251	0	0	160	2	0	0	162	421	0
PHF	-	0.25	0.25	0.38	-	-	0.42	-	0.25	0.25	0.25	-	-	0.75	-	0.25	0.94	0.25	-	-	0.95	-	-	0.75	0.50	-	-	0.76	0.90	-
% Bank 1	-	#####	#####	#####				-	#####	#####	#####				-	#####	#####	#####				-	-	#####	#####				Need a custom report? Contact: support@portablestudie s.com	
% Bank 2	-	0.0%	0.0%	0.0%				-	0.0%	0.0%	0.0%				-	0.0%	0.0%	0.0%				-	-	0.0%	0.0%					
% Bank 3	-	0.0%	0.0%	0.0%				-	0.0%	0.0%	0.0%				-	0.0%	0.0%	0.0%				-	-	0.0%	0.0%					
% Bank 4	-	0.0%	0.0%	0.0%				-	0.0%	0.0%	0.0%				-	0.0%	0.0%	0.0%				-	-	0.0%	0.0%					

Turning Movement Count Report

Count Name	Notes	U = U Turn L = Left Turn T = Thru R = Right Turn P1 = Pedestrian Direction 1 P2 = Pedestrian Direction 2 Veh = Total Vehicles for Approach	Vehicle Volume	
AA HWY			462	
Location			% Bank 1	% Bank 2
Iler Rd 7-9 , Not Available			100.0%	0.0%
Performed By			% Bank 3	% Bank 4
James Pristas			0.0%	0.0%
Date			Pedestrians Volume	
03/10/2020	0			

Breakdown by Movement and Time Period

Period	NB							SB							WB							EB							Total Vehicles	Total Pedestrians
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh		
07:00 AM	0	0	0	0	0	0	0	0	1	0	3	0	0	4	0	0	79	0	0	0	79	0	3	28	0	0	0	31	114	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	59	4	0	0	63	0	1	24	0	0	0	25	91	0
07:30 AM	0	0	0	0	0	0	0	0	1	0	2	0	0	3	0	0	86	3	0	0	89	1	2	48	0	0	0	51	143	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	67	3	0	0	70	0	3	36	0	0	0	39	114	0

Breakdown by Movement

Movement / Details	NB							SB							WB							EB							Entire Intersection	
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	Vehicles	Pedestrians
Volume	0	0	0	0	0	0	0	0	2	0	13	0	0	15	0	0	291	10	0	0	301	1	9	136	0	0	0	146	462	0
PHF	-	-	-	-	-	-	-	-	0.50	-	0.65	-	-	0.75	-	-	0.85	0.63	-	-	0.85	0.25	0.75	0.71	-	-	-	0.72	0.81	-
% Bank 1	-	-	-	-	-	-	-	-	#####	-	#####	-	-	-	-	-	#####	#####	-	-	-	#####	#####	#####	-	-	-	-	Need a custom report? Contact: support@portablestudie s.com	
% Bank 2	-	-	-	-	-	-	-	-	0.0%	-	0.0%	-	-	-	-	-	0.0%	0.0%	-	-	-	0.0%	0.0%	0.0%	-	-	-	-		
% Bank 3	-	-	-	-	-	-	-	-	0.0%	-	0.0%	-	-	-	-	-	0.0%	0.0%	-	-	-	0.0%	0.0%	0.0%	-	-	-	-		
% Bank 4	-	-	-	-	-	-	-	-	0.0%	-	0.0%	-	-	-	-	-	0.0%	0.0%	-	-	-	0.0%	0.0%	0.0%	-	-	-	-		

Turning Movement Count Report

Count Name	Notes	U = U Turn L = Left Turn T = Thru R = Right Turn P1 = Pedestrian Direction 1 P2 = Pedestrian Direction 2 Veh = Total Vehicles for Approach	Vehicle Volume	
AA Hwy			581	
Location			% Bank 1	% Bank 2
Holts Creek Rd 4-6, Not Available			100.0%	0.0%
Performed By			% Bank 3	% Bank 4
James Pristas			0.0%	0.0%
Date	Pedestrians Volume			
03/11/2020	0			

Breakdown by Movement and Time Period

Period	NB							SB							WB							EB							Total Vehicles	Total Pedestrians
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh		
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	40	0	0	102	2	0	0	104	144	0
05:00 PM	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	109	1	0	0	110	145	0
05:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	35	2	0	0	37	0	1	115	1	0	0	117	155	0
05:30 PM	0	1	0	0	0	0	1	0	1	2	1	0	0	4	0	0	42	2	0	0	44	0	1	85	2	0	0	88	137	0

Breakdown by Movement

Movement / Details	NB							SB							WB							EB							Entire Intersection	
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	Vehicles	Pedestrians
Volume	0	1	0	1	0	0	2	0	2	2	1	0	0	5	0	0	151	4	0	0	155	0	2	411	6	0	0	419	581	0
PHF	-	0.25	-	0.25	-	-	0.50	-	0.50	0.25	0.25	-	-	0.31	-	-	0.90	0.50	-	-	0.88	-	0.50	0.89	0.75	-	-	0.90	0.94	-
% Bank 1	-	#####	-	#####								-	#####	#####	#####								-	#####	#####	#####	Need a custom report? Contact: support@portablestudie s.com			
% Bank 2	-	0.0%	-	0.0%								-	0.0%	0.0%	0.0%								-	0.0%	0.0%	0.0%				
% Bank 3	-	0.0%	-	0.0%								-	0.0%	0.0%	0.0%								-	0.0%	0.0%	0.0%				
% Bank 4	-	0.0%	-	0.0%								-	0.0%	0.0%	0.0%								-	0.0%	0.0%	0.0%				

Turning Movement Count Report

Count Name	Notes	U = U Turn L = Left Turn T = Thru R = Right Turn P1 = Pedestrian Direction 1 P2 = Pedestrian Direction 2 Veh = Total Vehicles for Approach	Vehicle Volume	
AA HWY			690	
Location			% Bank 1	% Bank 2
Iler Rd 4-6, Not Available			100.0%	0.0%
Performed By			% Bank 3	% Bank 4
James Pristas			0.0%	0.0%
Date			Pedestrians Volume	
03/10/2020	0			

Breakdown by Movement and Time Period

Period	NB							SB							WB							EB							Total Vehicles	Total Pedestrians
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh		
04:00 PM	0	0	0	0	0	0	0	0	4	0	3	0	0	7	0	0	47	1	0	0	48	0	4	109	0	0	0	113	168	0
04:15 PM	0	0	0	0	0	0	0	0	3	0	4	0	0	7	0	0	56	0	0	0	56	0	4	121	0	0	0	125	188	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	37	1	0	0	38	0	5	114	0	0	0	119	159	0
04:45 PM	0	0	0	0	0	0	0	0	18	0	5	0	0	23	0	0	38	0	0	0	38	0	7	107	0	0	0	114	175	0

Breakdown by Movement

Movement / Details	NB							SB							WB							EB							Entire Intersection	
	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	U	L	T	R	P1	P2	Veh	Vehicles	Pedestrians
Volume	0	0	0	0	0	0	0	0	25	0	14	0	0	39	0	0	178	2	0	0	180	0	20	451	0	0	0	471	690	0
PHF	-	-	-	-	-	-	-	-	0.35	-	0.70	-	-	0.42	-	-	0.79	0.50	-	-	0.80	-	0.71	0.93	-	-	-	0.94	0.92	-
% Bank 1	-	-	-	-	-	-	-	-	#####	-	#####	-	-	-	-	-	#####	#####	-	-	-	-	#####	#####	-	-	-	-	Need a custom report? Contact: support@portablestudie s.com	
% Bank 2	-	-	-	-	-	-	-	-	0.0%	-	0.0%	-	-	-	-	-	0.0%	0.0%	-	-	-	-	0.0%	0.0%	-	-	-	-		
% Bank 3	-	-	-	-	-	-	-	-	0.0%	-	0.0%	-	-	-	-	-	0.0%	0.0%	-	-	-	-	0.0%	0.0%	-	-	-	-		
% Bank 4	-	-	-	-	-	-	-	-	0.0%	-	0.0%	-	-	-	-	-	0.0%	0.0%	-	-	-	-	0.0%	0.0%	-	-	-	-		

Leg Direction Start Time	On-Ramp to Heather French Henry Hwy Southbound					AA Hwy Westbound					Downing Dr Northbound					AA Hwy Eastbound					App Total	Int Total
	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total		
2020-03-10 07:00:00	2	0	5	0	7	14	56	0	0	70	1	0	4	0	5	4	65	4	0	73	155	
2020-03-10 07:15:00	5	0	19	0	24	9	41	0	0	50	0	0	3	0	3	4	90	4	0	98	175	
2020-03-10 07:30:00	8	0	31	0	39	14	50	1	0	65	1	0	2	0	3	1	106	3	0	110	217	
2020-03-10 07:45:00	5	0	9	0	14	23	57	1	0	81	0	0	3	0	3	4	69	6	0	79	177	
2020-03-10 08:00:00	4	0	10	0	14	9	53	1	0	63	1	0	5	0	6	3	81	5	0	89	172	
2020-03-10 08:15:00	0	0	2	0	2	6	37	0	0	43	3	0	6	0	9	4	55	2	0	61	115	
2020-03-10 08:30:00	1	0	3	0	4	5	53	0	0	58	3	0	7	0	10	5	53	2	0	60	132	
2020-03-10 08:45:00	1	1	3	0	5	1	44	0	0	45	5	0	5	0	10	0	78	0	0	78	138	
2020-03-10 16:00:00	7	2	14	0	23	3	87	1	0	91	6	0	6	0	12	6	97	2	0	105	231	
2020-03-10 16:15:00	6	0	7	0	13	2	85	4	0	91	4	0	4	0	8	1	115	0	0	116	228	
2020-03-10 16:30:00	4	0	11	0	15	0	84	1	0	85	2	0	14	0	16	6	85	0	0	91	207	
2020-03-10 16:45:00	6	2	14	0	22	2	88	0	0	90	12	0	10	0	22	6	106	0	0	112	246	
2020-03-10 17:00:00	10	0	22	0	32	5	96	1	0	102	3	0	6	0	9	5	94	3	0	102	245	
2020-03-10 17:15:00	7	0	10	0	17	0	94	1	0	95	6	0	7	0	13	11	107	1	0	119	244	
2020-03-10 17:30:00	10	2	17	0	29	2	95	0	0	97	2	0	13	0	15	2	71	0	0	73	214	
2020-03-10 17:45:00	5	0	7	0	12	1	78	1	0	80	6	0	7	0	13	9	85	0	0	94	199	
Grand Total	81	7	184	0	272	96	1098	12	0	1206	55	0	102	0	157	71	1357	32	0	1460	3095	
% Approach	29.8%	2.6%	67.6%	0.0%		8.0%	91.0%	1.0%	0.0%		35.0%	0.0%	65.0%	0.0%		4.9%	92.9%	2.2%	0.0%			
% Total	2.6%	0.2%	5.9%	0.0%	8.8%	3.1%	35.5%	0.4%	0.0%	39.0%	1.8%	0.0%	3.3%	0.0%	5.1%	2.3%	43.8%	1.0%	0.0%	47.2%		
Lights	72	5	180	0	257	91	1004	9	0	1104	43	0	89	0	132	67	1259	26	0	1352	2845	
% Lights	88.9%	71.4%	97.8%	0.0%	94.5%	94.8%	91.4%	75.0%	0.0%	91.5%	78.2%	0.0%	87.3%	0.0%	84.1%	94.4%	92.8%	81.3%	0.0%	92.6%	91.9%	
Articulated Trucks	7	2	2	0	11	4	74	2	0	80	4	0	11	0	15	2	66	6	0	74	180	
% Articulated Trucks	8.6%	28.6%	1.1%	0.0%	4.0%	4.2%	6.7%	16.7%	0.0%	6.6%	7.3%	0.0%	10.8%	0.0%	9.6%	2.8%	4.9%	18.8%	0.0%	5.1%	5.8%	
Buses and Single-Unit Trucks	2	0	2	0	4	1	20	1	0	22	8	0	2	0	10	2	32	0	0	34	70	
% Buses and Single-Unit Trucks	2.5%	0.0%	1.1%	0.0%	1.5%	1.0%	1.8%	8.3%	0.0%	1.8%	14.5%	0.0%	2.0%	0.0%	6.4%	2.8%	2.4%	0.0%	0.0%	2.3%	2.3%	

Leg Direction Start Time	Kenton Station Dr. Southbound				AA Hwy Westbound				AA Hwy Eastbound				Int Total	
	Right	Left	U-Turn	App Total	Right	Thru	U-Turn	App Total	Thru	Left	U-Turn	App Total		
2020-03-10 07:00:00		0	2	0	2	11	76	0	87	62	1	0	63	152
2020-03-10 07:15:00		0	5	0	5	16	78	0	94	117	1	0	118	217
2020-03-10 07:30:00		0	7	0	7	29	84	0	113	122	1	0	123	243
2020-03-10 07:45:00		1	5	0	6	68	95	0	163	101	1	0	102	271
2020-03-10 08:00:00		0	9	0	9	41	84	0	125	90	1	0	91	225
Forced Peak Hour		1	26	0	27	154	341	0	495	430	4	0	434	956
2020-03-10 08:15:00		1	7	0	8	42	63	0	105	91	2	0	93	206
2020-03-10 08:30:00		1	12	0	13	27	75	0	102	56	1	0	57	172
2020-03-10 08:45:00		0	18	0	18	29	65	0	94	86	5	0	91	203
2020-03-10 16:00:00		4	52	0	56	17	153	0	170	152	2	0	154	380
2020-03-10 16:15:00		2	32	0	34	28	124	0	152	160	1	0	161	347
2020-03-10 16:30:00		6	43	0	49	18	140	0	158	134	3	0	137	344
2020-03-10 16:45:00		2	51	0	53	22	124	0	146	157	1	0	158	357
2020-03-10 17:00:00		3	52	0	55	18	150	0	168	194	2	0	196	419
2020-03-10 17:15:00		9	29	0	38	19	128	0	147	163	1	0	164	349
2020-03-10 17:30:00		2	30	0	32	14	126	0	140	141	4	0	145	317
Forced Peak Hour		16	162	0	178	73	528	0	601	655	8	0	663	1442
2020-03-10 17:45:00		0	29	0	29	16	119	0	135	150	0	0	150	314
Grand Total		31	383	0	414	415	1684	0	2099	1976	27	0	2003	4516
% Approach		7.5%	92.5%	0.0%		19.8%	80.2%	0.0%		98.7%	1.3%	0.0%		
% Total		0.7%	8.5%	0.0%	9.2%	9.2%	37.3%	0.0%	46.5%	43.8%	0.6%	0.0%	44.4%	
Lights		31	373	0	404	411	1554	0	1965	1849	27	0	1876	4245
% Lights		100.0%	97.4%	0.0%	97.6%	99.0%	92.3%	0.0%	93.6%	93.6%	100.0%	0.0%	93.7%	94.0%
Articulated Trucks		0	3	0	3	0	85	0	85	82	0	0	82	170
% Articulated Trucks		0.0%	0.8%	0.0%	0.7%	0.0%	5.0%	0.0%	4.0%	4.1%	0.0%	0.0%	4.1%	3.8%
Buses and Single-Unit Trucks		0	7	0	7	4	45	0	49	45	0	0	45	101
% Buses and Single-Unit Trucks		0.0%	1.8%	0.0%	1.7%	1.0%	2.7%	0.0%	2.3%	2.3%	0.0%	0.0%	2.2%	2.2%

Leg Direction Start Time	AA Hwy Southbound					US Hwy 62 Westbound					AA Hwy Northbound					US Hwy 62 Eastbound					App Total	Int Total
	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total		
2020-03-10 07:00:00	3	27	19	0	49	19	31	7	0	57	13	64	8	0	85	5	42	4	0	51	242	
2020-03-10 07:15:00	5	49	50	0	104	16	46	13	0	75	13	45	9	0	67	2	79	7	0	88	334	
2020-03-10 07:30:00	4	51	59	0	114	22	58	33	0	113	33	54	6	0	93	6	127	11	0	144	464	
2020-03-10 07:45:00	7	32	53	0	92	31	61	34	0	126	38	80	5	0	123	10	128	21	0	159	500	
2020-03-10 08:00:00	8	46	31	0	85	13	41	23	0	77	25	54	4	0	83	6	45	5	0	56	301	
Forced Peak Hour	24	178	193	0	395	82	206	103	0	391	109	233	24	0	366	24	379	44	0	447	1599	
2020-03-10 08:15:00	13	41	23	0	77	14	31	23	0	68	20	56	7	0	83	14	36	16	0	66	294	
2020-03-10 08:30:00	6	37	31	0	74	15	27	19	0	61	19	52	6	0	77	6	42	10	0	58	270	
2020-03-10 08:45:00	13	50	23	0	86	21	35	22	0	78	25	57	6	0	88	8	43	3	0	54	306	
2020-03-10 16:00:00	8	123	48	0	179	21	76	56	0	153	53	104	12	0	169	13	52	8	0	73	574	
2020-03-10 16:15:00	18	110	51	0	179	22	59	62	0	143	43	84	14	0	141	16	56	17	0	89	552	
2020-03-10 16:30:00	18	121	49	0	188	21	73	70	0	164	64	80	16	0	160	23	40	22	0	85	597	
2020-03-10 16:45:00	15	99	62	0	176	23	72	52	0	147	48	83	18	0	149	12	44	14	0	70	542	
2020-03-10 17:00:00	10	139	54	0	203	22	94	90	0	206	72	97	20	0	189	16	45	15	0	76	674	
2020-03-10 17:15:00	7	112	71	0	190	21	79	74	0	174	53	68	13	0	134	18	70	12	0	100	598	
2020-03-10 17:30:00	11	115	41	0	167	16	79	57	0	152	63	89	19	0	171	19	58	17	0	94	584	
Forced Peak Hour	43	465	228	0	736	82	324	273	0	679	236	337	70	0	643	65	217	58	0	340	2398	
2020-03-10 17:45:00	16	118	40	0	174	14	60	56	0	130	41	81	8	0	130	18	60	10	0	88	522	
Grand Total	162	1270	705	0	2137	311	922	691	0	1924	623	1148	171	0	1942	192	967	192	0	1351	7354	
% Approach	7.6%	59.4%	33.0%	0.0%		16.2%	47.9%	35.9%	0.0%		32.1%	59.1%	8.8%	0.0%		14.2%	71.6%	14.2%	0.0%			
% Total	2.2%	17.3%	9.6%	0.0%	29.1%	4.2%	12.5%	9.4%	0.0%	26.2%	8.5%	15.6%	2.3%	0.0%	26.4%	2.6%	13.1%	2.6%	0.0%	18.4%		
Lights	157	1179	681	0	2017	302	885	682	0	1869	614	1033	159	0	1806	184	926	189	0	1299	6991	
% Lights	96.9%	92.8%	96.6%	0.0%	94.4%	97.1%	96.0%	98.7%	0.0%	97.1%	98.6%	90.0%	93.0%	0.0%	93.0%	95.8%	95.8%	98.4%	0.0%	96.2%	95.1%	
Articulated Trucks	2	70	4	0	76	2	1	2	0	5	4	83	9	0	96	5	4	3	0	12	189	
% Articulated Trucks	1.2%	5.5%	0.6%	0.0%	3.6%	0.6%	0.1%	0.3%	0.0%	0.3%	0.6%	7.2%	5.3%	0.0%	4.9%	2.6%	0.4%	1.6%	0.0%	0.9%	2.6%	
Buses and Single-Unit Trucks	3	21	20	0	44	7	36	7	0	50	5	32	3	0	40	3	37	0	0	40	174	
% Buses and Single-Unit Trucks	1.9%	1.7%	2.8%	0.0%	2.1%	2.3%	3.9%	1.0%	0.0%	2.6%	0.8%	2.8%	1.8%	0.0%	2.1%	1.6%	3.8%	0.0%	0.0%	3.0%	2.4%	

Leg Direction Start Time	AA Hwy Southbound				Sawmill Pike Westbound					AA Hwy Northbound					Tucker Drive Eastbound					App Total	Int Total
	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn	App Total	Right	Thru	Left	U-Turn		
2020-03-10 07:00:00	0	38	0	0	38	0	0	0	0	0	1	65	18	0	84	5	0	0	0	5	127
2020-03-10 07:15:00	1	47	2	0	50	0	0	0	0	0	0	63	35	0	98	8	0	1	0	9	157
2020-03-10 07:30:00	3	63	1	0	67	0	0	0	0	0	1	81	44	0	126	16	0	1	0	17	210
2020-03-10 07:45:00	5	59	0	0	64	0	0	0	0	0	0	106	43	0	149	17	0	1	0	18	231
2020-03-10 08:00:00	1	61	2	0	64	0	0	1	0	1	2	72	31	0	105	4	0	1	0	5	175
Forced Peak Hour	10	230	5	0	245	0	0	1	0	1	3	322	153	0	478	45	0	4	0	49	773
2020-03-10 08:15:00	4	54	2	0	60	1	0	1	0	2	2	79	26	0	107	4	0	3	0	7	176
2020-03-10 08:30:00	7	43	1	0	51	3	0	0	0	3	0	66	19	0	85	6	1	3	0	10	149
2020-03-10 08:45:00	6	52	0	0	58	0	1	1	0	2	0	57	20	0	77	4	0	6	0	10	147
2020-03-10 16:00:00	21	164	0	0	185	1	0	0	0	1	1	107	39	0	147	35	0	9	0	44	377
2020-03-10 16:15:00	16	143	2	0	161	2	0	3	0	5	1	96	31	0	128	23	0	9	0	32	326
2020-03-10 16:30:00	16	132	0	0	148	0	0	1	0	1	0	94	29	0	123	23	0	4	0	27	299
2020-03-10 16:45:00	12	136	1	0	149	1	1	0	0	2	0	93	24	0	117	28	0	5	0	33	301
2020-03-10 17:00:00	22	162	1	0	185	4	1	1	0	6	0	119	26	0	145	34	0	8	0	42	378
2020-03-10 17:15:00	17	141	0	0	158	1	1	0	0	2	2	100	32	0	134	26	0	9	0	35	329
2020-03-10 17:30:00	23	142	0	0	165	0	1	0	0	1	0	105	39	0	144	25	0	2	0	27	337
Forced Peak Hour	74	581	2	0	657	6	4	1	0	11	2	417	121	0	540	113	0	24	0	137	1345
2020-03-10 17:45:00	10	131	0	0	141	0	0	0	0	0	0	97	25	0	122	25	0	6	0	31	294
Grand Total	164	1568	12	0	1744	13	5	8	0	26	10	1400	481	0	1891	283	1	68	0	352	4013
% Approach	9.4%	89.9%	0.7%	0.0%		50.0%	19.2%	30.8%	0.0%		0.5%	74.0%	25.4%	0.0%		80.4%	0.3%	19.3%	0.0%		
% Total	4.1%	39.1%	0.3%	0.0%	43.5%	0.3%	0.1%	0.2%	0.0%	0.6%	0.2%	34.9%	12.0%	0.0%	47.1%	7.1%	0.0%	1.7%	0.0%	8.8%	
Lights	164	1473	9	0	1646	13	5	6	0	24	10	1271	477	0	1758	278	1	67	0	346	3774
% Lights	100.0%	93.9%	75.0%	0.0%	94.4%	100.0%	100.0%	75.0%	0.0%	92.3%	100.0%	90.8%	99.2%	0.0%	93.0%	98.2%	100.0%	98.5%	0.0%	98.3%	94.0%
Articulated Trucks	0	69	2	0	71	0	0	1	0	1	0	95	2	0	97	1	0	0	0	1	170
% Articulated Trucks	0.0%	4.4%	16.7%	0.0%	4.1%	0.0%	0.0%	12.5%	0.0%	3.8%	0.0%	6.8%	0.4%	0.0%	5.1%	0.4%	0.0%	0.0%	0.0%	0.3%	4.2%
Buses and Single-Unit Trucks	0	26	1	0	27	0	0	1	0	1	0	34	2	0	36	4	0	1	0	5	69
% Buses and Single-Unit Trucks	0.0%	1.7%	8.3%	0.0%	1.5%	0.0%	0.0%	12.5%	0.0%	3.8%	0.0%	2.4%	0.4%	0.0%	1.9%	1.4%	0.0%	1.5%	0.0%	1.4%	1.7%

Leg Direction Start Time	AA Hwy Southbound				AA Hwy Northbound				Market Place Dr Eastbound				App Total	Int Total
	Right	Thru	U-Turn	App Total	Thru	Left	U-Turn	App Total	Right	Left	U-Turn	App Total		
2020-03-10 07:00:00	6	34	0	40	61	4	0	65	5	15	0	20	125	
2020-03-10 07:15:00	10	47	0	57	59	4	0	63	2	9	0	11	131	
2020-03-10 07:30:00	9	63	0	72	79	3	0	82	2	14	0	16	170	
2020-03-10 07:45:00	7	61	0	68	109	2	0	111	5	11	0	16	195	
2020-03-10 08:00:00	8	61	0	69	72	3	0	75	6	20	0	26	170	
Forced Peak Hour	34	232	0	266	319	12	0	331	15	54	0	69	666	
2020-03-10 08:15:00	12	52	1	65	84	2	0	86	3	11	0	14	165	
2020-03-10 08:30:00	6	47	0	53	65	5	0	70	4	12	0	16	139	
2020-03-10 08:45:00	14	54	0	68	61	3	0	64	4	16	0	20	152	
2020-03-10 16:00:00	27	158	0	185	105	11	0	116	17	61	0	78	379	
2020-03-10 16:15:00	21	135	0	156	98	8	0	106	29	58	0	87	349	
2020-03-10 16:30:00	45	130	0	175	93	8	0	101	16	68	0	84	360	
2020-03-10 16:45:00	38	123	0	161	88	12	0	100	25	38	0	63	324	
2020-03-10 17:00:00	29	149	0	178	127	9	0	136	23	55	0	78	392	
2020-03-10 17:15:00	31	137	0	168	101	7	0	108	21	46	0	67	343	
2020-03-10 17:30:00	25	145	0	170	105	9	0	114	20	54	0	74	358	
Forced Peak Hour	123	554	0	677	421	37	0	458	89	193	0	282	1417	
2020-03-10 17:45:00	27	124	0	151	86	14	0	100	21	49	0	70	321	
Grand Total	315	1520	1	1836	1393	104	0	1497	203	537	0	740	4073	
% Approach	17.2%	82.8%	0.1%		93.1%	6.9%	0.0%		27.4%	72.6%	0.0%			
% Total	7.7%	37.3%	0.0%	45.1%	34.2%	2.6%	0.0%	36.8%	5.0%	13.2%	0.0%	18.2%		
Lights	315	1423	1	1739	1271	100	0	1371	202	530	0	732	3842	
% Lights	100.0%	93.6%	100.0%	94.7%	91.2%	96.2%	0.0%	91.6%	99.5%	98.7%	0.0%	98.9%	94.3%	
Articulated Trucks	0	68	0	68	91	3	0	94	1	1	0	2	164	
% Articulated Trucks	0.0%	4.5%	0.0%	3.7%	6.5%	2.9%	0.0%	6.3%	0.5%	0.2%	0.0%	0.3%	4.0%	
Buses and Single-Unit Trucks	0	29	0	29	31	1	0	32	0	6	0	6	67	
% Buses and Single-Unit Trucks	0.0%	1.9%	0.0%	1.6%	2.2%	1.0%	0.0%	2.1%	0.0%	1.1%	0.0%	0.8%	1.6%	

Leg Direction Start Time	AA Hwy Southbound				AA Hwy Northbound				Walmart Way Eastbound				App Total	Int Total
	Right	Thru	U-Turn	App Total	Thru	Left	U-Turn	App Total	Right	Left	U-Turn	App Total		
2020-03-10 07:00:00	8	34	0	42	75	0	0	75	0	8	0	8	125	
2020-03-10 07:15:00	12	43	0	55	90	2	0	92	1	8	0	9	156	
2020-03-10 07:30:00	7	70	0	77	118	1	0	119	2	5	0	7	203	
2020-03-10 07:45:00	9	67	0	76	143	0	0	143	0	7	0	7	226	
2020-03-10 08:00:00	11	56	0	67	99	1	0	100	2	6	0	8	175	
Forced Peak Hour	39	236	0	275	450	4	0	454	5	26	0	31	760	
2020-03-10 08:15:00	9	50	0	59	90	4	0	94	0	17	0	17	170	
2020-03-10 08:30:00	7	40	0	47	73	2	0	75	4	10	0	14	136	
2020-03-10 08:45:00	13	44	0	57	73	3	0	76	3	4	0	7	140	
2020-03-10 16:00:00	40	144	0	184	102	5	0	107	13	34	0	47	338	
2020-03-10 16:15:00	34	127	0	161	86	7	0	93	10	38	0	48	302	
2020-03-10 16:30:00	37	114	0	151	90	7	0	97	20	29	0	49	297	
2020-03-10 16:45:00	27	125	0	152	82	3	0	85	6	32	0	38	275	
2020-03-10 17:00:00	39	147	0	186	94	6	0	100	13	52	0	65	351	
2020-03-10 17:15:00	50	113	0	163	92	5	0	97	8	40	0	48	308	
2020-03-10 17:30:00	33	129	0	162	96	7	0	103	25	37	0	62	327	
Forced Peak Hour	149	514	0	663	364	21	0	385	52	161	0	213	1261	
2020-03-10 17:45:00	29	131	0	160	80	5	0	85	15	34	0	49	294	
Grand Total	365	1434	0	1799	1483	58	0	1541	122	361	0	483	3823	
% Approach	20.3%	79.7%	0.0%		96.2%	3.8%	0.0%		25.3%	74.7%	0.0%			
% Total	9.5%	37.5%	0.0%	47.1%	38.8%	1.5%	0.0%	40.3%	3.2%	9.4%	0.0%	12.6%		
Lights	363	1338	0	1701	1367	56	0	1423	122	353	0	475	3599	
% Lights	99.5%	93.3%	0.0%	94.6%	92.2%	96.6%	0.0%	92.3%	100.0%	97.8%	0.0%	98.3%	94.1%	
Articulated Trucks	1	70	0	71	85	2	0	87	0	4	0	4	162	
% Articulated Trucks	0.3%	4.9%	0.0%	3.9%	5.7%	3.4%	0.0%	5.6%	0.0%	1.1%	0.0%	0.8%	4.2%	
Buses and Single-Unit Trucks	1	26	0	27	31	0	0	31	0	4	0	4	62	
% Buses and Single-Unit Trucks	0.3%	1.8%	0.0%	1.5%	2.1%	0.0%	0.0%	2.0%	0.0%	1.1%	0.0%	0.8%	1.6%	

Leg Direction Start Time	AA Hwy Southbound				AA Hwy Northbound				Walmart Way Eastbound				App Total	Int Total
	Right	Thru	U-Turn	App Total	Thru	Left	U-Turn	App Total	Right	Left	U-Turn	App Total		
2020-03-10 07:00:00	0	31	0	31	70	10	0	80	1	0	0	1	112	
2020-03-10 07:15:00	0	45	0	45	96	7	0	103	7	0	0	7	155	
2020-03-10 07:30:00	3	68	0	71	123	22	0	145	6	0	0	6	222	
2020-03-10 07:45:00	3	66	0	69	130	26	0	156	10	0	0	10	235	
2020-03-10 08:00:00	2	56	0	58	96	17	0	113	11	0	0	11	182	
Forced Peak Hour	8	235	0	243	445	72	0	517	34	0	0	34	794	
2020-03-10 08:15:00	3	46	0	49	97	14	0	111	8	1	0	9	169	
2020-03-10 08:30:00	1	45	0	46	73	4	0	77	11	3	0	14	137	
2020-03-10 08:45:00	3	44	0	47	78	15	0	93	10	2	0	12	152	
2020-03-10 16:00:00	13	147	0	160	103	31	0	134	31	4	0	35	329	
2020-03-10 16:15:00	11	128	0	139	94	38	0	132	38	5	0	43	314	
2020-03-10 16:30:00	12	126	0	138	98	39	0	137	41	5	0	46	321	
2020-03-10 16:45:00	14	123	0	137	77	34	0	111	40	6	0	46	294	
2020-03-10 17:00:00	16	144	0	160	93	37	0	130	40	13	0	53	343	
2020-03-10 17:15:00	9	109	0	118	111	39	0	150	46	1	0	47	315	
2020-03-10 17:30:00	10	146	0	156	98	26	0	124	51	8	0	59	339	
Forced Peak Hour	49	522	0	571	379	136	0	515	177	28	0	205	1291	
2020-03-10 17:45:00	6	143	0	149	85	44	1	130	30	3	0	33	312	
Grand Total	106	1467	0	1573	1522	403	1	1926	381	51	0	432	3931	
% Approach	6.7%	93.3%	0.0%		79.0%	20.9%	0.1%		88.2%	11.8%	0.0%			
% Total	2.7%	37.3%	0.0%	40.0%	38.7%	10.3%	0.0%	49.0%	9.7%	1.3%	0.0%	11.0%		
Lights	105	1370	0	1475	1400	401	1	1802	378	49	0	427	3704	
% Lights	99.1%	93.4%	0.0%	93.8%	92.0%	99.5%	100.0%	93.6%	99.2%	96.1%	0.0%	98.8%	94.2%	
Articulated Trucks	1	67	0	68	91	1	0	92	1	2	0	3	163	
% Articulated Trucks	0.9%	4.6%	0.0%	4.3%	6.0%	0.2%	0.0%	4.8%	0.3%	3.9%	0.0%	0.7%	4.1%	
Buses and Single-Unit Trucks	0	30	0	30	31	1	0	32	2	0	0	2	64	
% Buses and Single-Unit Trucks	0.0%	2.0%	0.0%	1.9%	2.0%	0.2%	0.0%	1.7%	0.5%	0.0%	0.0%	0.5%	1.6%	

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File Name : KY 9 & KY 11
Site Code : 00081911
Start Date : 3/5/2020
Page No : 1

Groups Printed- Unshifted

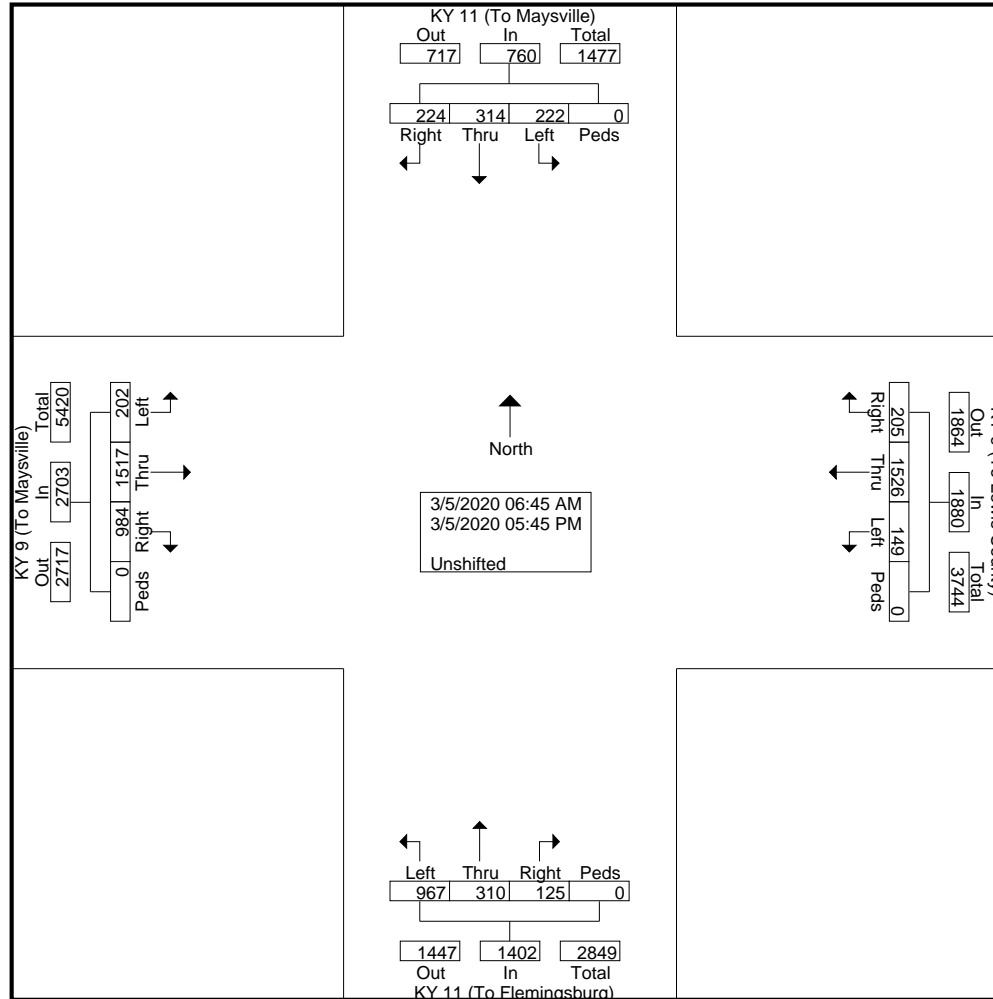
Start Time	KY 11 (To Maysville) From North					KY 9 (To Lewis County) From East					KY 11 (To Flemingsburg) From South					KY 9 (To Maysville) From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:45 AM	3	6	6	0	15	18	64	5	0	87	3	11	57	0	71	21	23	2	0	46	219
Total	3	6	6	0	15	18	64	5	0	87	3	11	57	0	71	21	23	2	0	46	219
07:00 AM	4	5	2	0	11	7	74	4	0	85	5	7	34	0	46	19	24	3	0	46	188
07:15 AM	7	5	4	0	16	16	109	6	0	131	3	23	47	0	73	41	35	6	0	82	302
07:30 AM	11	15	2	0	28	20	115	6	0	141	3	21	60	0	84	31	38	6	0	75	328
07:45 AM	9	12	2	0	23	10	117	9	0	136	7	29	72	0	108	42	49	3	0	94	361
Total	31	37	10	0	78	53	415	25	0	493	18	80	213	0	311	133	146	18	0	297	1179
08:00 AM	8	8	5	0	21	12	65	5	0	82	1	16	49	0	66	31	46	4	0	81	250
08:15 AM	7	4	4	0	15	8	71	9	0	88	2	22	49	0	73	25	30	4	0	59	235
08:30 AM	4	5	5	0	14	5	69	9	0	83	2	16	39	0	57	23	40	5	0	68	222
08:45 AM	8	10	6	0	24	6	65	5	0	76	9	15	38	0	62	27	29	4	0	60	222
Total	27	27	20	0	74	31	270	28	0	329	14	69	175	0	258	106	145	17	0	268	929
*** BREAK ***																					
03:00 PM	6	18	6	0	30	13	59	7	0	79	4	12	33	0	49	60	81	18	0	159	317
03:15 PM	13	15	21	0	49	4	57	8	0	69	6	12	46	0	64	49	89	15	0	153	335
03:30 PM	12	16	7	0	35	12	78	7	0	97	4	11	29	0	44	71	110	11	0	192	368
03:45 PM	24	19	16	0	59	11	71	10	0	92	8	7	52	0	67	55	85	17	0	157	375
Total	55	68	50	0	173	40	265	32	0	337	22	42	160	0	224	235	365	61	0	661	1395
04:00 PM	21	28	18	0	67	9	59	5	0	73	7	13	46	0	66	61	115	8	0	184	390
04:15 PM	17	23	18	0	58	7	55	4	0	66	9	14	48	0	71	70	105	10	0	185	380
04:30 PM	15	25	17	0	57	11	65	9	0	85	16	14	37	0	67	84	116	12	0	212	421
04:45 PM	17	21	13	0	51	9	62	9	0	80	7	9	44	0	60	55	121	13	0	189	380
Total	70	97	66	0	233	36	241	27	0	304	39	50	175	0	264	270	457	43	0	770	1571
05:00 PM	9	32	17	0	58	9	61	6	0	76	7	13	48	0	68	73	112	14	0	199	401
05:15 PM	16	20	13	0	49	4	75	9	0	88	7	21	56	0	84	58	111	25	0	194	415
05:30 PM	7	18	30	0	55	8	72	13	0	93	10	13	46	0	69	46	90	8	0	144	361
05:45 PM	6	9	10	0	25	6	63	4	0	73	5	11	37	0	53	42	68	14	0	124	275
Total	38	79	70	0	187	27	271	32	0	330	29	58	187	0	274	219	381	61	0	661	1452
Grand Total	224	314	222	0	760	205	1526	149	0	1880	125	310	967	0	1402	984	1517	202	0	2703	6745
Apprch %	29.5	41.3	29.2	0		10.9	81.2	7.9	0		8.9	22.1	69	0		36.4	56.1	7.5	0		
Total %	3.3	4.7	3.3	0	11.3	3	22.6	2.2	0	27.9	1.9	4.6	14.3	0	20.8	14.6	22.5	3	0	40.1	

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File Name : KY 9 & KY 11
 Site Code : 00081911
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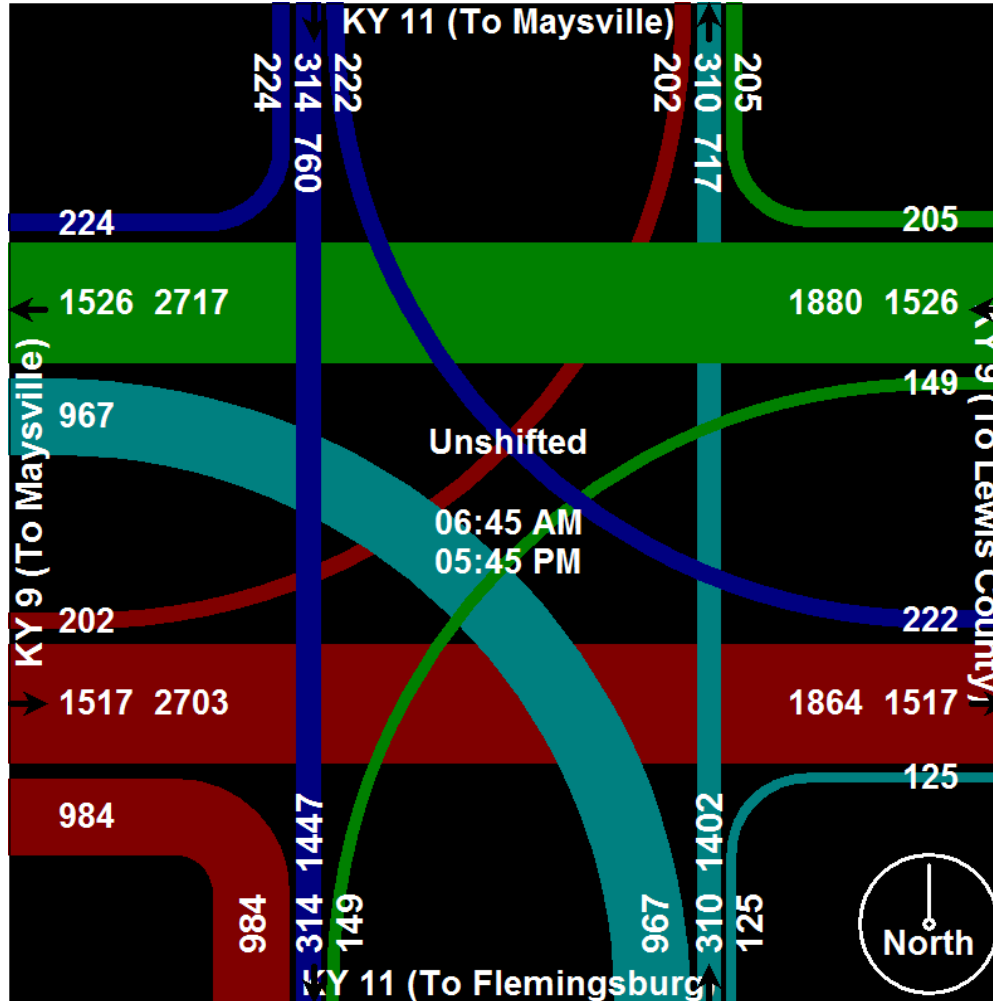


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File Name : KY 9 & KY 11
Site Code : 00081911
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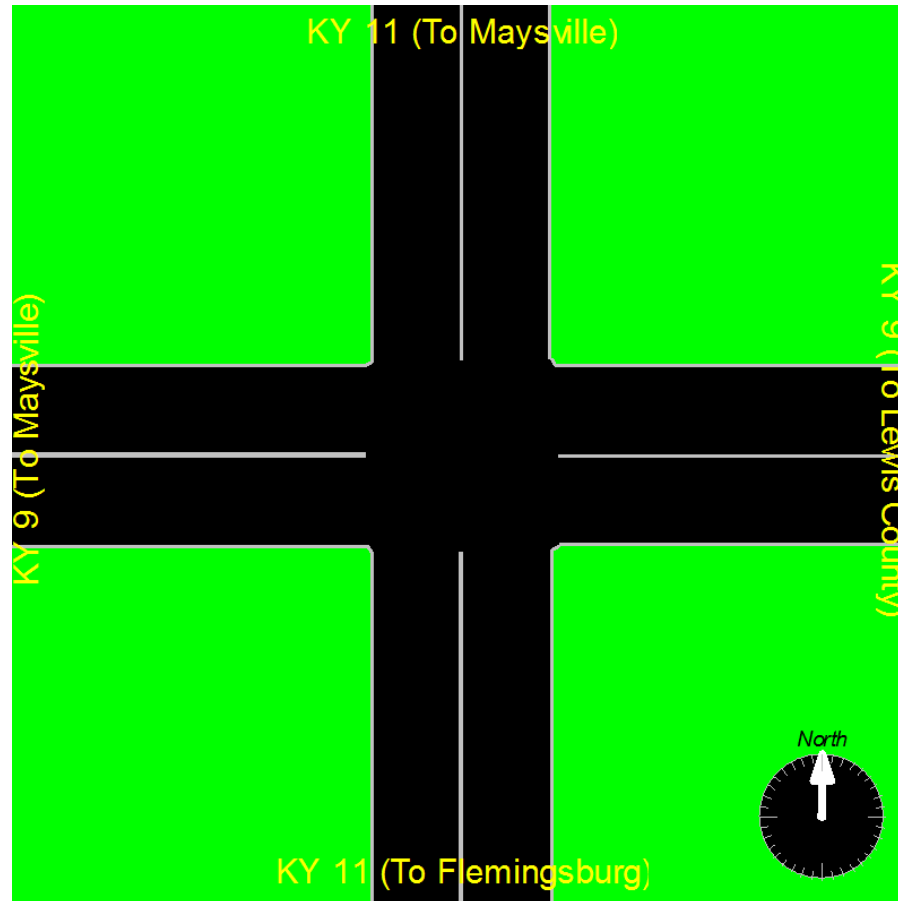


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File Name : KY 9 & KY 11
Site Code : 00081911
Start Date : 3/5/2020
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File Name : KY 9 & Clarkson Sherman Rd.
Site Code : 00819474
Start Date : 3/16/2020
Page No : 1

Groups Printed- Unshifted - Bank 1

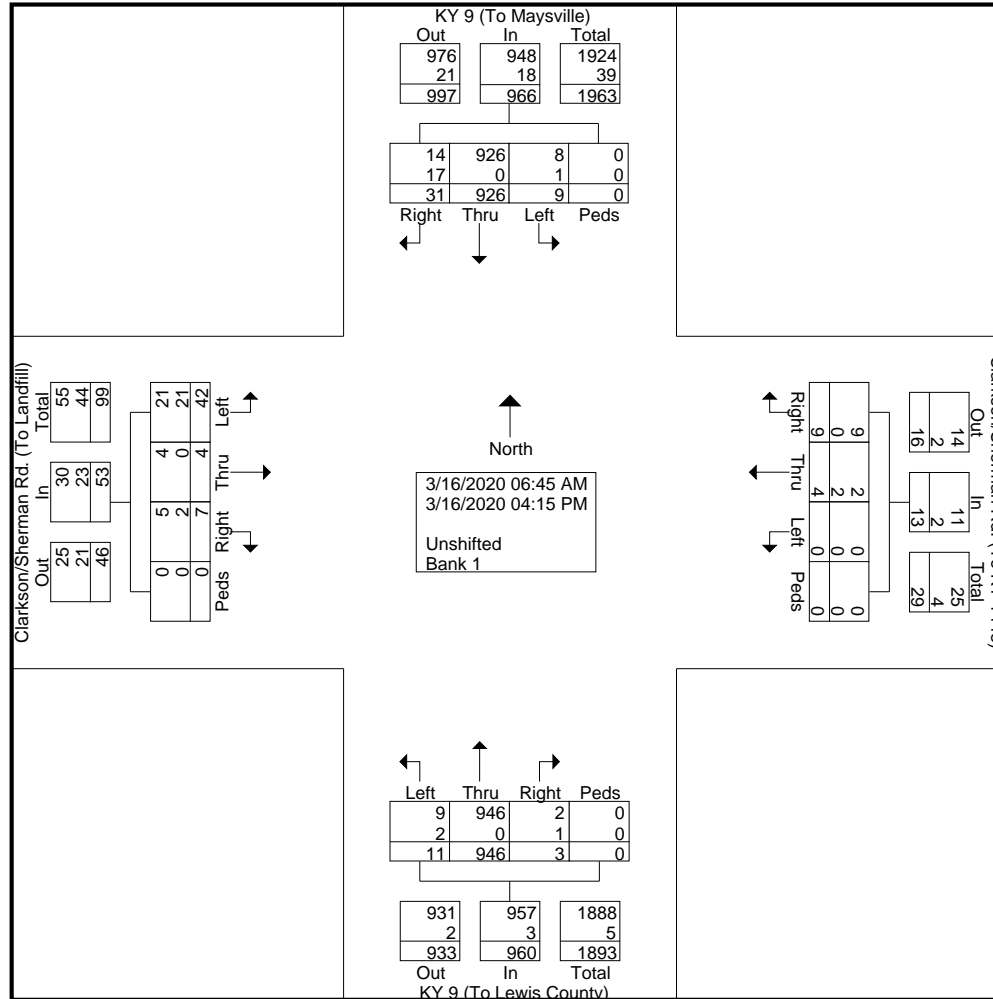
Start Time	KY 9 (To Maysville) From North					Clarkson/Sherman Rd. (To KY 1448) From East					KY 9 (To Lewis County) From South					Clarkson/Sherman Rd. (To Landfill) From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:45 AM	2	21	0	0	23	0	0	0	0	0	0	38	1	0	39	0	0	0	0	0	62
Total	2	21	0	0	23	0	0	0	0	0	0	38	1	0	39	0	0	0	0	0	62
07:00 AM	2	24	0	0	26	0	0	0	0	0	0	54	1	0	55	0	0	0	0	0	81
07:15 AM	0	26	0	0	26	1	2	0	0	3	0	62	4	0	66	0	0	2	0	2	97
07:30 AM	1	25	1	0	27	0	0	0	0	0	0	78	1	0	79	0	0	0	0	0	106
07:45 AM	4	46	0	0	50	1	0	0	0	1	0	78	0	0	78	0	0	3	0	3	132
Total	7	121	1	0	129	2	2	0	0	4	0	272	6	0	278	0	0	5	0	5	416
08:00 AM	2	26	0	0	28	0	0	0	0	0	1	53	1	0	55	1	0	3	0	4	87
08:15 AM	4	28	0	0	32	0	0	0	0	0	2	46	0	0	48	0	0	3	0	3	83
08:30 AM	0	39	0	0	39	0	0	0	0	0	0	46	0	0	46	0	1	2	0	3	88
08:45 AM	3	31	0	0	34	0	1	0	0	1	0	61	0	0	61	0	0	3	0	3	99
Total	9	124	0	0	133	0	1	0	0	1	3	206	1	0	210	1	1	11	0	13	357
*** BREAK ***																					
02:30 PM	2	72	1	0	75	3	0	0	0	3	0	59	1	0	60	1	0	4	0	5	143
02:45 PM	2	69	3	0	74	0	1	0	0	1	0	48	0	0	48	1	0	4	0	5	128
Total	4	141	4	0	149	3	1	0	0	4	0	107	1	0	108	2	0	8	0	10	271
03:00 PM	1	59	1	0	61	0	0	0	0	0	0	71	0	0	71	0	2	0	0	2	134
03:15 PM	2	74	0	0	76	0	0	0	0	0	0	42	2	0	44	0	0	1	0	1	121
03:30 PM	2	99	1	0	102	2	0	0	0	2	0	56	0	0	56	1	0	6	0	7	167
03:45 PM	1	87	1	0	89	0	0	0	0	0	0	50	0	0	50	2	0	4	0	6	145
Total	6	319	3	0	328	2	0	0	0	2	0	219	2	0	221	3	2	11	0	16	567
04:00 PM	2	103	0	0	105	2	0	0	0	2	0	59	0	0	59	1	1	6	0	8	174
04:15 PM	1	97	1	0	99	0	0	0	0	0	0	45	0	0	45	0	0	1	0	1	145
Grand Total	31	926	9	0	966	9	4	0	0	13	3	946	11	0	960	7	4	42	0	53	1992
Apprch %	3.2	95.9	0.9	0		69.2	30.8	0	0		0.3	98.5	1.1	0		13.2	7.5	79.2	0		
Total %	1.6	46.5	0.5	0	48.5	0.5	0.2	0	0	0.7	0.2	47.5	0.6	0	48.2	0.4	0.2	2.1	0	2.7	
Unshifted	14	926	8	0	948	9	2	0	0	11	2	946	9	0	957	5	4	21	0	30	1946
% Unshifted	45.2	100	88.9	0	98.1	100	50	0	0	84.6	66.7	100	81.8	0	99.7	71.4	100	50	0	56.6	97.7
Bank 1	17	0	1	0	18	0	2	0	0	2	1	0	2	0	3	2	0	21	0	23	46
% Bank 1	54.8	0	11.1	0	1.9	0	50	0	0	15.4	33.3	0	18.2	0	0.3	28.6	0	50	0	43.4	2.3

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File Name : KY 9 & Clarkson Sherman Rd.
 Site Code : 00819474
 Start Date : 3/16/2020
 Page No : 2

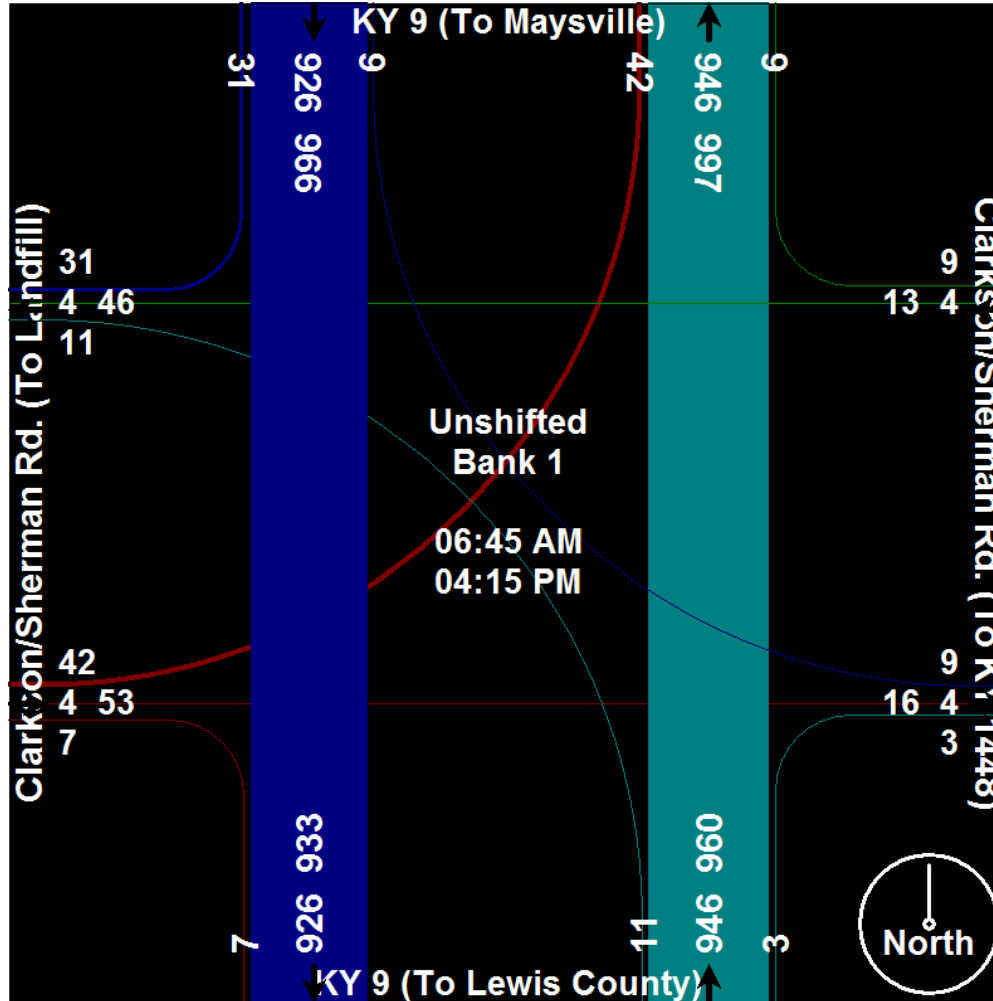


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File Name : KY 9 & Clarkson Sherman Rd.
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File Name : KY 9 & Clarkson Sherman Rd.
Site Code : 00819474
Start Date : 3/16/2020
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File Name : KY 9 & KY 1959
Site Code : 02291959
Start Date : 3/10/2020
Page No : 1

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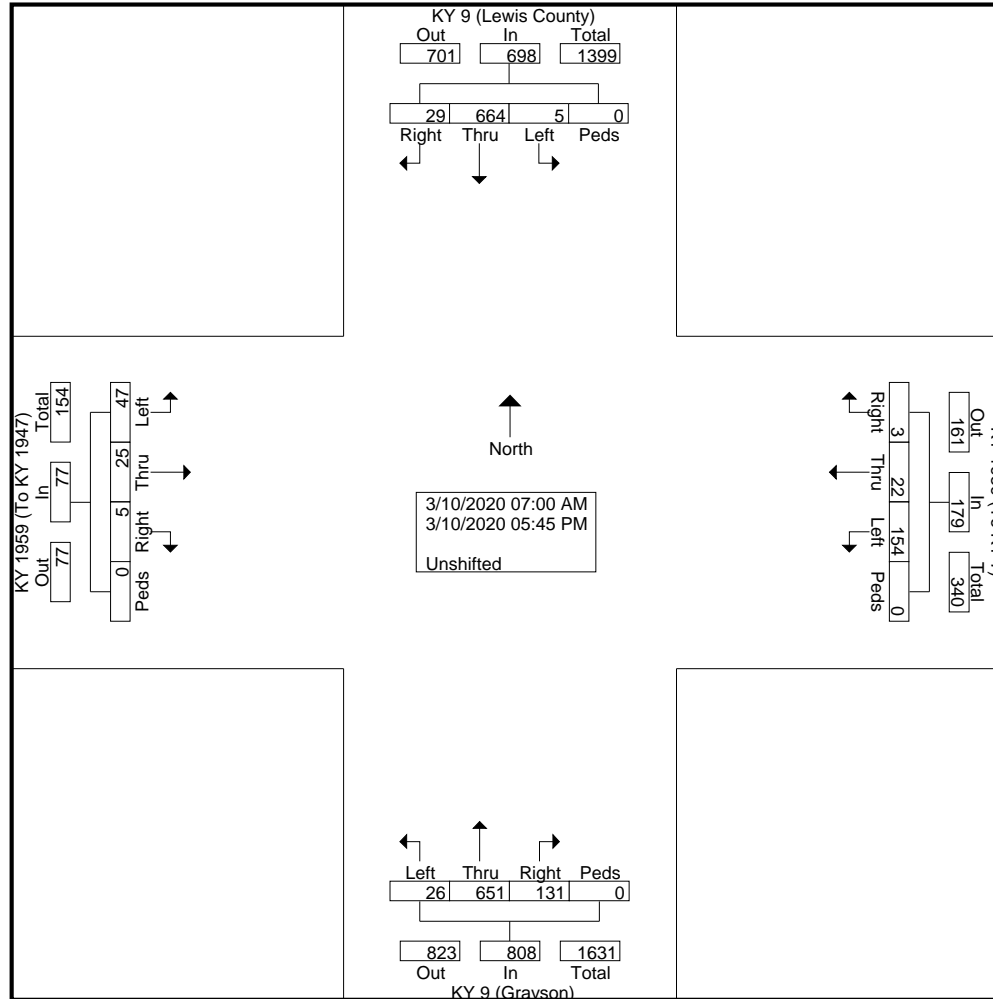
Start Time	KY 9 (Lewis County) From North					KY 1959 (To KY 7) From East					KY 9 (Grayson) From South					KY 1959 (To KY 1947) From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	1	69	0	0	70	0	1	10	0	11	1	22	0	0	23	0	0	1	0	1	105
07:15 AM	2	54	0	0	56	0	0	15	0	15	2	13	0	0	15	0	0	1	0	1	87
07:30 AM	1	36	0	0	37	0	1	17	0	18	1	23	0	0	24	0	0	0	0	0	79
07:45 AM	1	34	0	0	35	0	0	8	0	8	5	17	0	0	22	0	0	1	0	1	66
Total	5	193	0	0	198	0	2	50	0	52	9	75	0	0	84	0	0	3	0	3	337
08:00 AM	4	23	0	0	27	0	2	5	0	7	3	29	0	0	32	0	1	0	0	1	67
08:15 AM	1	39	0	0	40	0	0	2	0	2	1	17	0	0	18	0	0	1	0	1	61
08:30 AM	1	21	0	0	22	0	0	2	0	2	1	25	0	0	26	0	1	1	0	2	52
08:45 AM	3	24	0	0	27	0	1	6	0	7	3	26	0	0	29	2	0	2	0	4	67
Total	9	107	0	0	116	0	3	15	0	18	8	97	0	0	105	2	2	4	0	8	247
*** BREAK ***																					
03:00 PM	1	29	0	0	30	2	0	4	0	6	3	29	0	0	32	1	0	7	0	8	76
03:15 PM	0	37	0	0	37	0	0	6	0	6	8	34	2	0	44	0	0	1	0	1	88
03:30 PM	1	22	2	0	25	0	2	12	0	14	6	36	2	0	44	0	3	2	0	5	88
03:45 PM	3	26	0	0	29	0	2	6	0	8	10	32	1	0	43	0	2	4	0	6	86
Total	5	114	2	0	121	2	4	28	0	34	27	131	5	0	163	1	5	14	0	20	338
04:00 PM	0	29	0	0	29	0	4	7	0	11	13	58	1	0	72	0	3	5	0	8	120
04:15 PM	4	31	0	0	35	0	1	6	0	7	10	32	3	0	45	1	2	4	0	7	94
04:30 PM	0	35	1	0	36	0	0	11	0	11	17	44	1	0	62	0	2	4	0	6	115
04:45 PM	2	30	0	0	32	0	5	10	0	15	12	45	4	0	61	1	1	1	0	3	111
Total	6	125	1	0	132	0	10	34	0	44	52	179	9	0	240	2	8	14	0	24	440
05:00 PM	0	28	0	0	28	0	1	7	0	8	12	33	6	0	51	0	2	4	0	6	93
05:15 PM	3	34	1	0	38	1	1	8	0	10	11	41	3	0	55	0	4	3	0	7	110
05:30 PM	0	37	1	0	38	0	1	4	0	5	9	46	2	0	57	0	2	4	0	6	106
05:45 PM	1	26	0	0	27	0	0	8	0	8	3	49	1	0	53	0	2	1	0	3	91
Total	4	125	2	0	131	1	3	27	0	31	35	169	12	0	216	0	10	12	0	22	400
Grand Total	29	664	5	0	698	3	22	154	0	179	131	651	26	0	808	5	25	47	0	77	1762
Apprch %	4.2	95.1	0.7	0		1.7	12.3	86	0		16.2	80.6	3.2	0		6.5	32.5	61	0		
Total %	1.6	37.7	0.3	0	39.6	0.2	1.2	8.7	0	10.2	7.4	36.9	1.5	0	45.9	0.3	1.4	2.7	0	4.4	

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File Name : KY 9 & KY 1959
 Site Code : 02291959
 Start Date : 3/10/2020
 Page No : 2

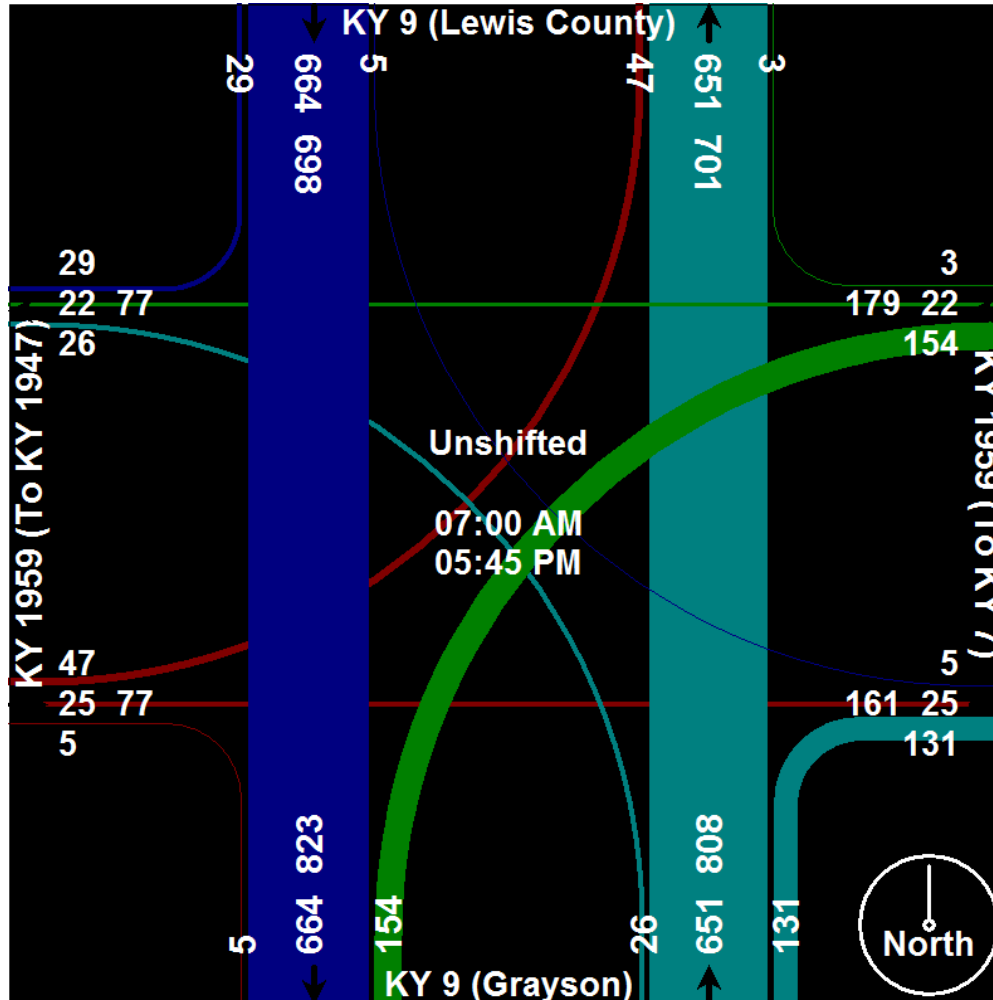


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File Name : KY 9 & KY 1959
Site Code : 02291959
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File Name : KY 9 & KY 1959
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File Name : KY 9 & KY 7 (MP 5.486)
Site Code : 00022975
Start Date : 3/12/2020
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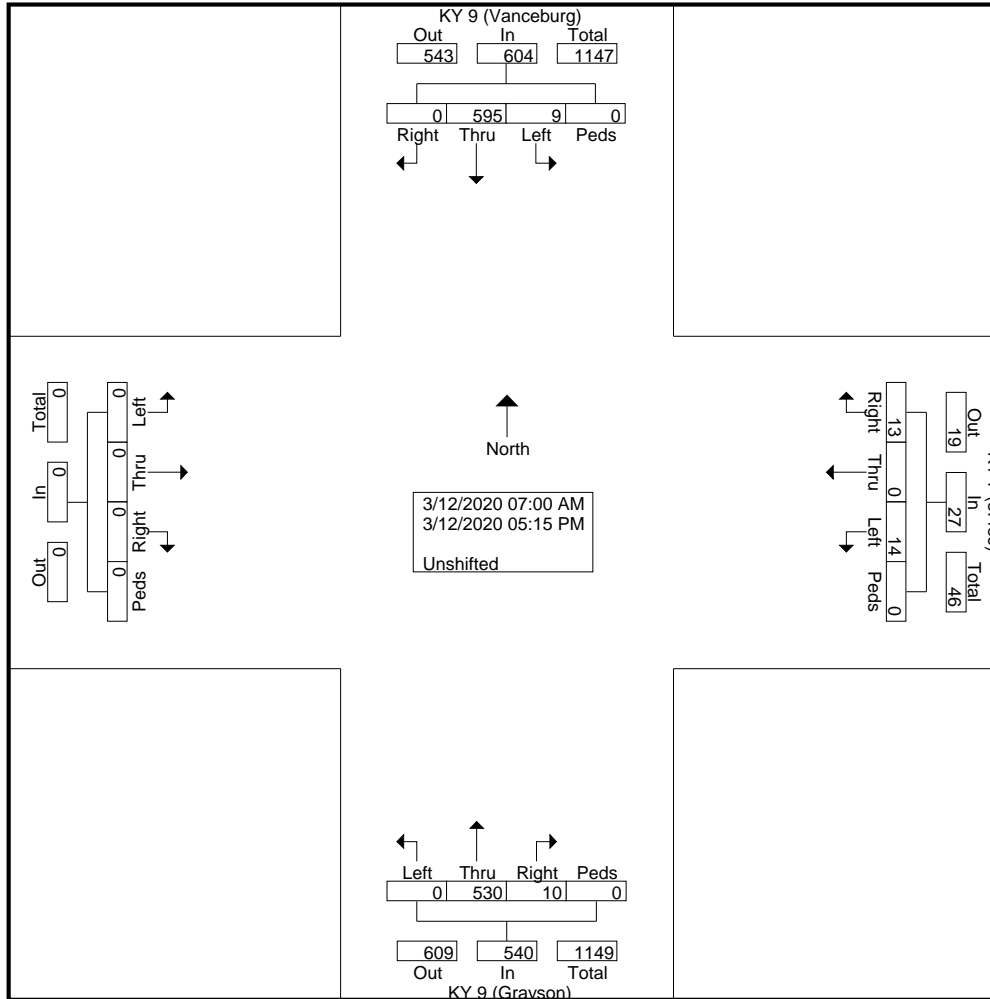
Start Time	KY 9 (Vanceburg) From North					KY 7 (5.486) From East					KY 9 (Grayson) From South					From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	0	51	0	0	51	1	0	1	0	2	0	14	0	0	14	0	0	0	0	0	67
07:15 AM	0	66	0	0	66	0	0	1	0	1	0	15	0	0	15	0	0	0	0	0	82
07:30 AM	0	56	0	0	56	2	0	0	0	2	0	22	0	0	22	0	0	0	0	0	80
07:45 AM	0	35	0	0	35	0	0	3	0	3	1	32	0	0	33	0	0	0	0	0	71
Total	0	208	0	0	208	3	0	5	0	8	1	83	0	0	84	0	0	0	0	0	300
08:00 AM	0	27	0	0	27	0	0	2	0	2	1	27	0	0	28	0	0	0	0	0	57
08:15 AM	0	32	0	0	32	1	0	1	0	2	0	22	0	0	22	0	0	0	0	0	56
08:30 AM	0	42	0	0	42	0	0	1	0	1	0	30	0	0	30	0	0	0	0	0	73
08:45 AM	0	28	0	0	28	2	0	0	0	2	0	21	0	0	21	0	0	0	0	0	51
Total	0	129	0	0	129	3	0	4	0	7	1	100	0	0	101	0	0	0	0	0	237
*** BREAK ***																					
03:30 PM	0	33	1	0	34	0	0	0	0	0	1	53	0	0	54	0	0	0	0	0	88
03:45 PM	0	21	2	0	23	0	0	1	0	1	0	42	0	0	42	0	0	0	0	0	66
Total	0	54	3	0	57	0	0	1	0	1	1	95	0	0	96	0	0	0	0	0	154
04:00 PM	0	37	2	0	39	1	0	0	0	1	0	41	0	0	41	0	0	0	0	0	81
04:15 PM	0	34	1	0	35	0	0	2	0	2	1	48	0	0	49	0	0	0	0	0	86
04:30 PM	0	28	0	0	28	3	0	0	0	3	0	42	0	0	42	0	0	0	0	0	73
04:45 PM	0	29	1	0	30	1	0	0	0	1	2	43	0	0	45	0	0	0	0	0	76
Total	0	128	4	0	132	5	0	2	0	7	3	174	0	0	177	0	0	0	0	0	316
05:00 PM	0	48	1	0	49	2	0	1	0	3	1	40	0	0	41	0	0	0	0	0	93
05:15 PM	0	28	1	0	29	0	0	1	0	1	3	38	0	0	41	0	0	0	0	0	71
Grand Total	0	595	9	0	604	13	0	14	0	27	10	530	0	0	540	0	0	0	0	0	1171
Apprch %	0	98.5	1.5	0		48.1	0	51.9	0		1.9	98.1	0	0		0	0	0	0		
Total %	0	50.8	0.8	0	51.6	1.1	0	1.2	0	2.3	0.9	45.3	0	0	46.1	0	0	0	0	0	

Your Company Name Here

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Your Tagline Here

Default Comments
 Change These in The Preferences Window
 Select File/Preference in the Main Scree
 Then Click the Comments Tab

File Name : KY 9 & KY 7 (MP 5.486)
 Site Code : 00022975
 Start Date : 3/12/2020
 Page No : 2

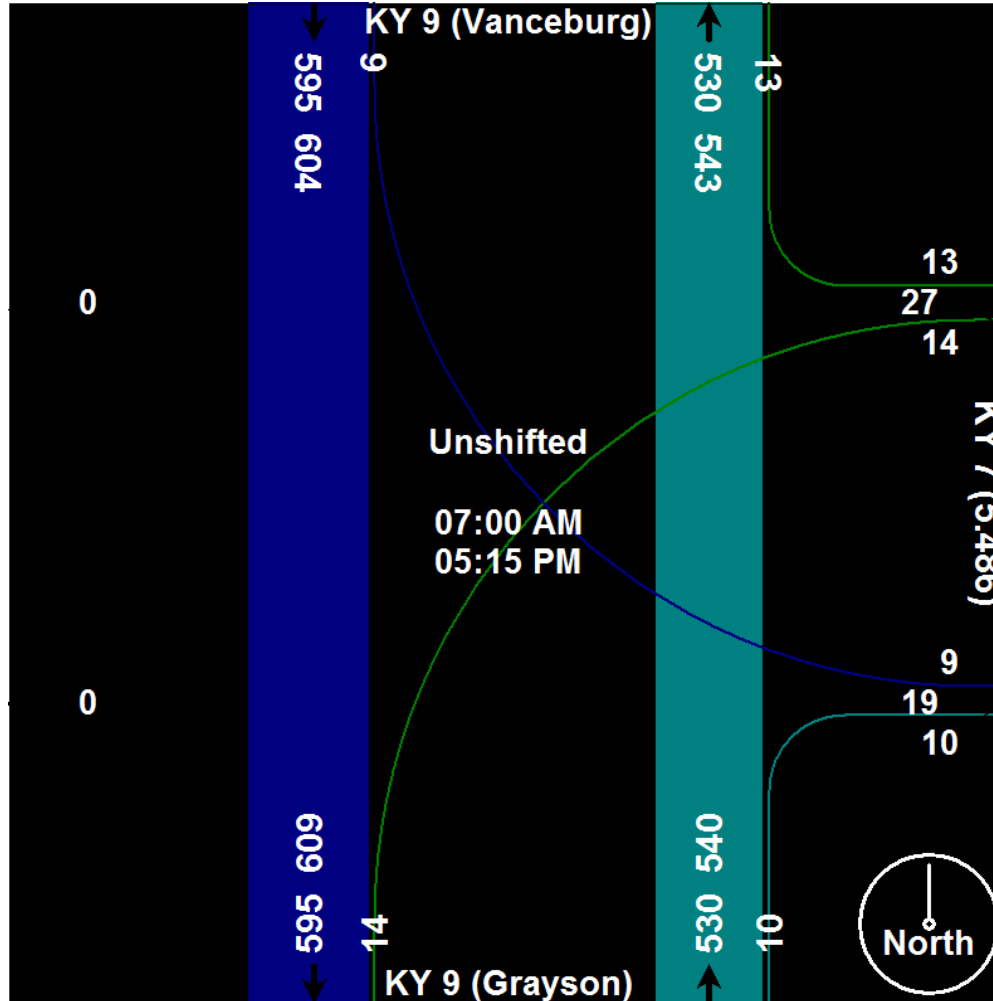


Your Company Name Here

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Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : KY 9 & KY 7 (MP 5.486)
Site Code : 00022975
Start Date : 3/12/2020
Page No : 3

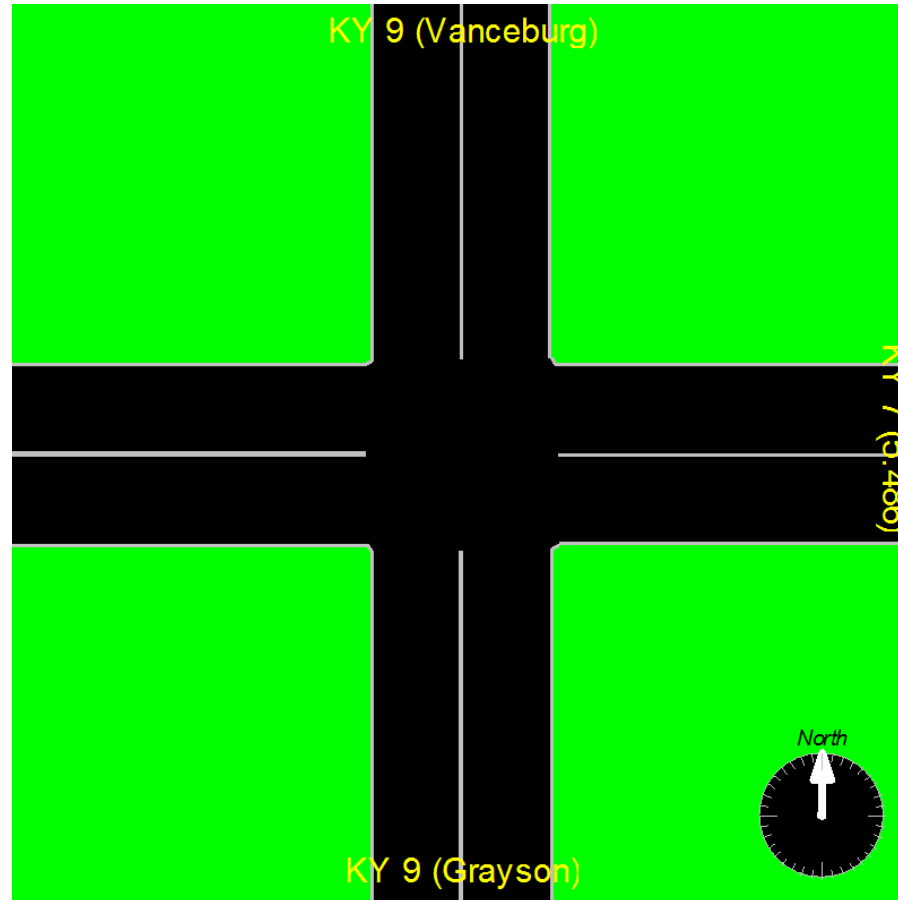


Your Company Name Here

This is your address
Your City, State, Zip Code
Your Tagline Here

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : KY 9 & KY 7 (MP 5.486)
Site Code : 00022975
Start Date : 3/12/2020
Page No : 4



Your Company Name Here

This is your address
Your City, State, Zip Code
Your Tagline Here

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : KY 9 & KY 7 (MP 6.498)
Site Code : 00022976
Start Date : 3/12/2020
Page No : 1

Groups Printed- Unshifted

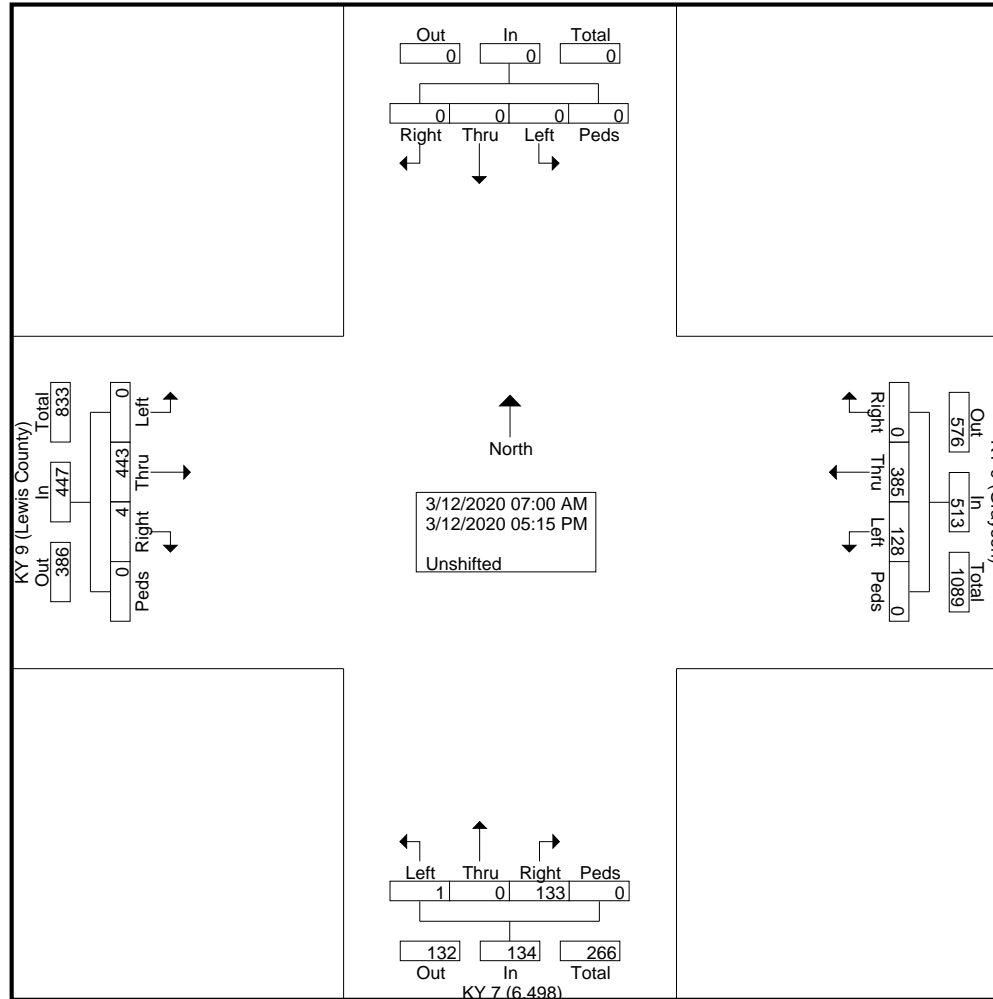
Start Time	From North					KY 9 (Grayson) From East					KY 7 (6.498) From South					KY 9 (Lewis County) From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	0	0	0	0	0	0	14	4	0	18	11	0	0	0	11	0	33	0	0	33	62
07:15 AM	0	0	0	0	0	0	8	9	0	17	21	0	0	0	21	0	34	0	0	34	72
07:30 AM	0	0	0	0	0	0	13	9	0	22	20	0	0	0	20	0	41	0	0	41	83
07:45 AM	0	0	0	0	0	0	16	11	0	27	8	0	0	0	8	0	23	0	0	23	58
Total	0	0	0	0	0	0	51	33	0	84	60	0	0	0	60	0	131	0	0	131	275
08:00 AM	0	0	0	0	0	0	23	5	0	28	4	0	0	0	4	1	19	0	0	20	52
08:15 AM	0	0	0	0	0	0	20	4	0	24	8	0	0	0	8	1	23	0	0	24	56
08:30 AM	0	0	0	0	0	0	24	7	0	31	9	0	0	0	9	0	32	0	0	32	72
08:45 AM	0	0	0	0	0	0	12	4	0	16	6	0	0	0	6	0	21	0	0	21	43
Total	0	0	0	0	0	0	79	20	0	99	27	0	0	0	27	2	95	0	0	97	223
*** BREAK ***																					
03:30 PM	0	0	0	0	0	0	32	17	0	49	5	0	0	0	5	0	30	0	0	30	84
03:45 PM	0	0	0	0	0	0	35	7	0	42	7	0	0	0	7	0	18	0	0	18	67
Total	0	0	0	0	0	0	67	24	0	91	12	0	0	0	12	0	48	0	0	48	151
04:00 PM	0	0	0	0	0	0	33	7	0	40	6	0	0	0	6	0	31	0	0	31	77
04:15 PM	0	0	0	0	0	0	35	7	0	42	6	0	1	0	7	0	26	0	0	26	75
04:30 PM	0	0	0	0	0	0	26	13	0	39	4	0	0	0	4	0	23	0	0	23	66
04:45 PM	0	0	0	0	0	0	36	8	0	44	6	0	0	0	6	1	26	0	0	27	77
Total	0	0	0	0	0	0	130	35	0	165	22	0	1	0	23	1	106	0	0	107	295
05:00 PM	0	0	0	0	0	0	31	6	0	37	8	0	0	0	8	0	35	0	0	35	80
05:15 PM	0	0	0	0	0	0	27	10	0	37	4	0	0	0	4	1	28	0	0	29	70
Grand Total	0	0	0	0	0	0	385	128	0	513	133	0	1	0	134	4	443	0	0	447	1094
Apprch %	0	0	0	0	0	0	75	25	0		99.3	0	0.7	0		0.9	99.1	0	0		
Total %	0	0	0	0	0	0	35.2	11.7	0	46.9	12.2	0	0.1	0	12.2	0.4	40.5	0	0	40.9	

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Your Tagline Here

Default Comments
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 Select File/Preference in the Main Scree
 Then Click the Comments Tab

File Name : KY 9 & KY 7 (MP 6.498)
 Site Code : 00022976
 Start Date : 3/12/2020
 Page No : 2

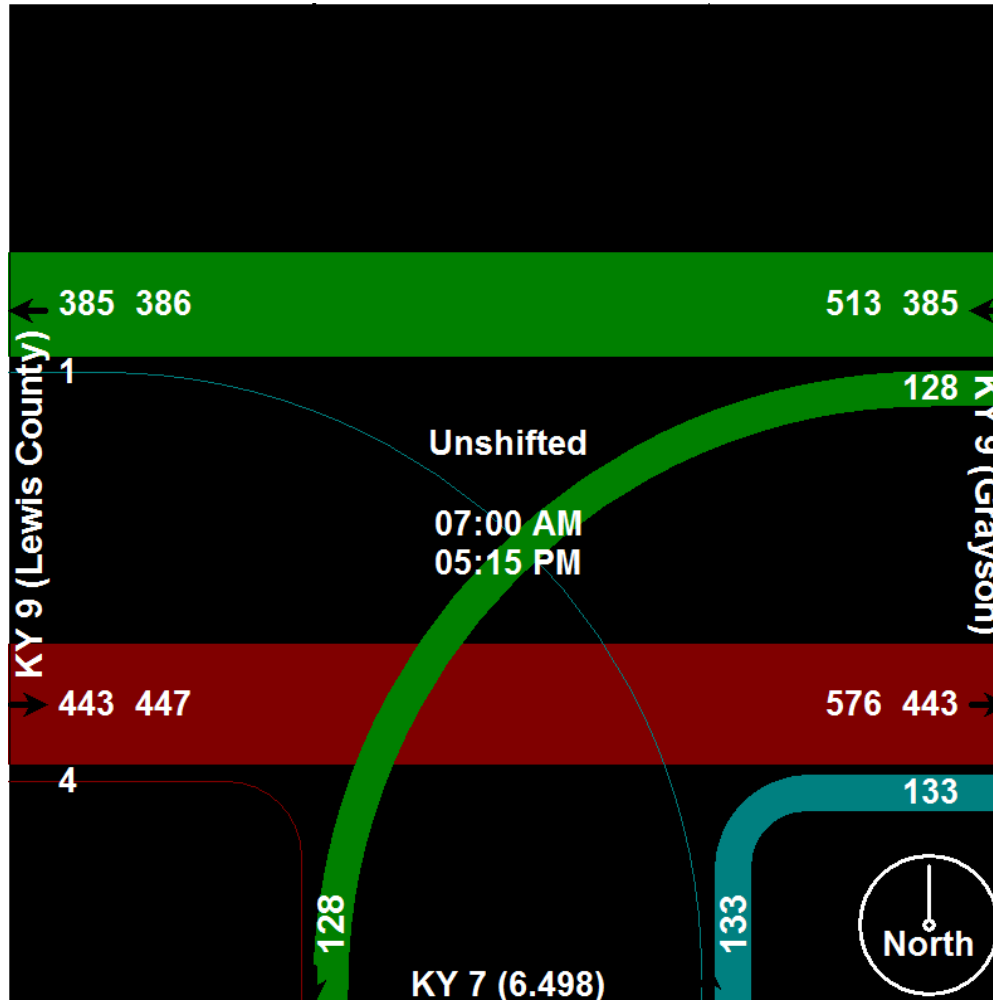


Your Company Name Here

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Default Comments
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Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : KY 9 & KY 7 (MP 6.498)
Site Code : 00022976
Start Date : 3/12/2020
Page No : 3

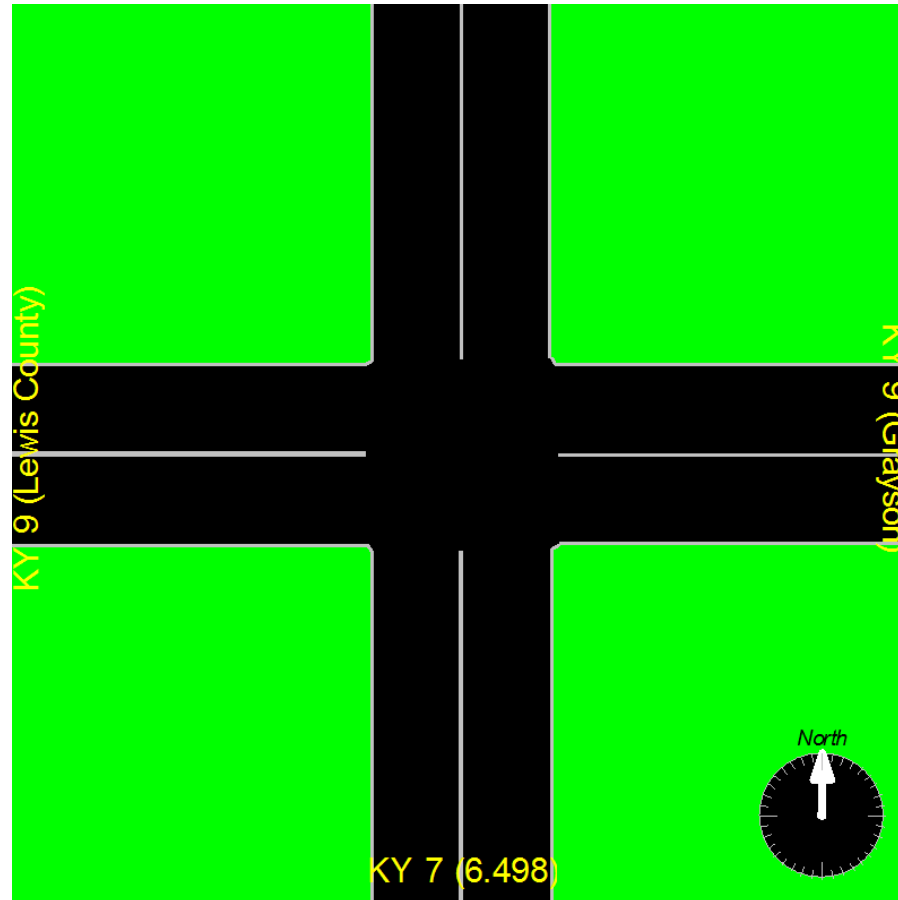


Your Company Name Here

This is your address
Your City, State, Zip Code
Your Tagline Here

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Scree
Then Click the Comments Tab

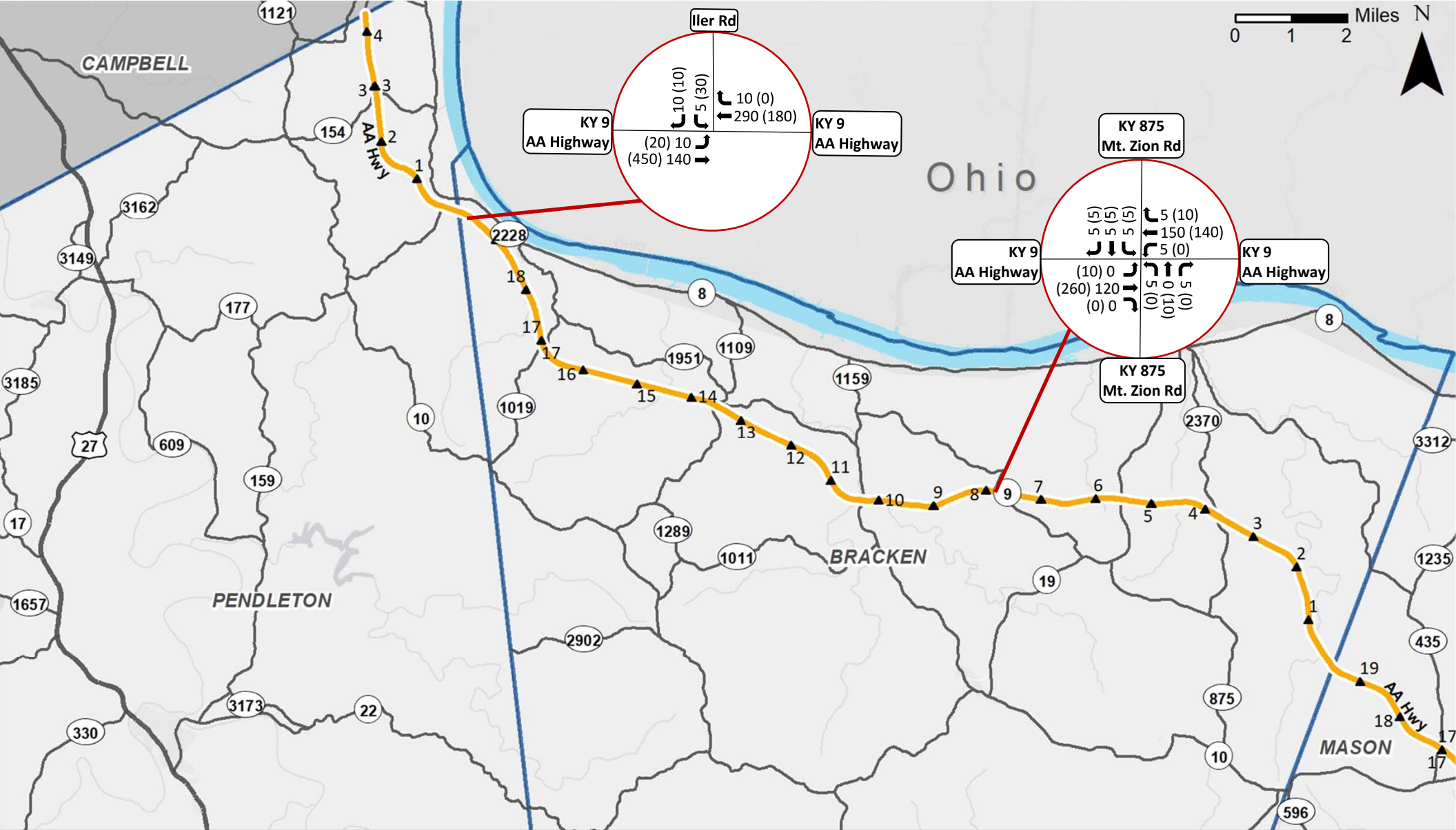
File Name : KY 9 & KY 7 (MP 6.498)
Site Code : 00022976
Start Date : 3/12/2020
Page No : 4



TRAFFIC FORECAST REPORT

APPENDIX B:

2020 TURNING MOVEMENT FORECASTS

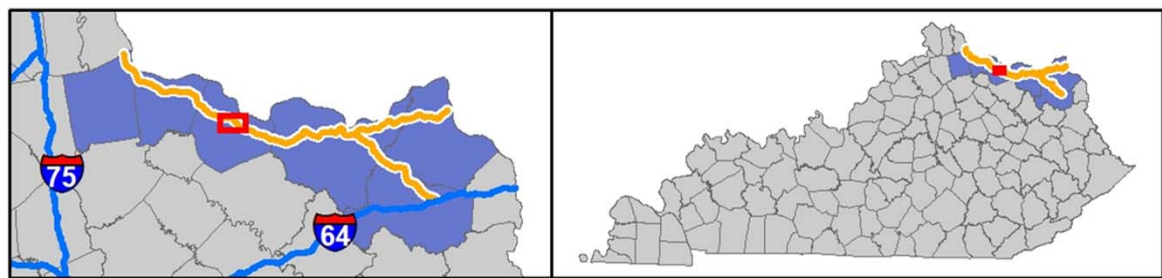


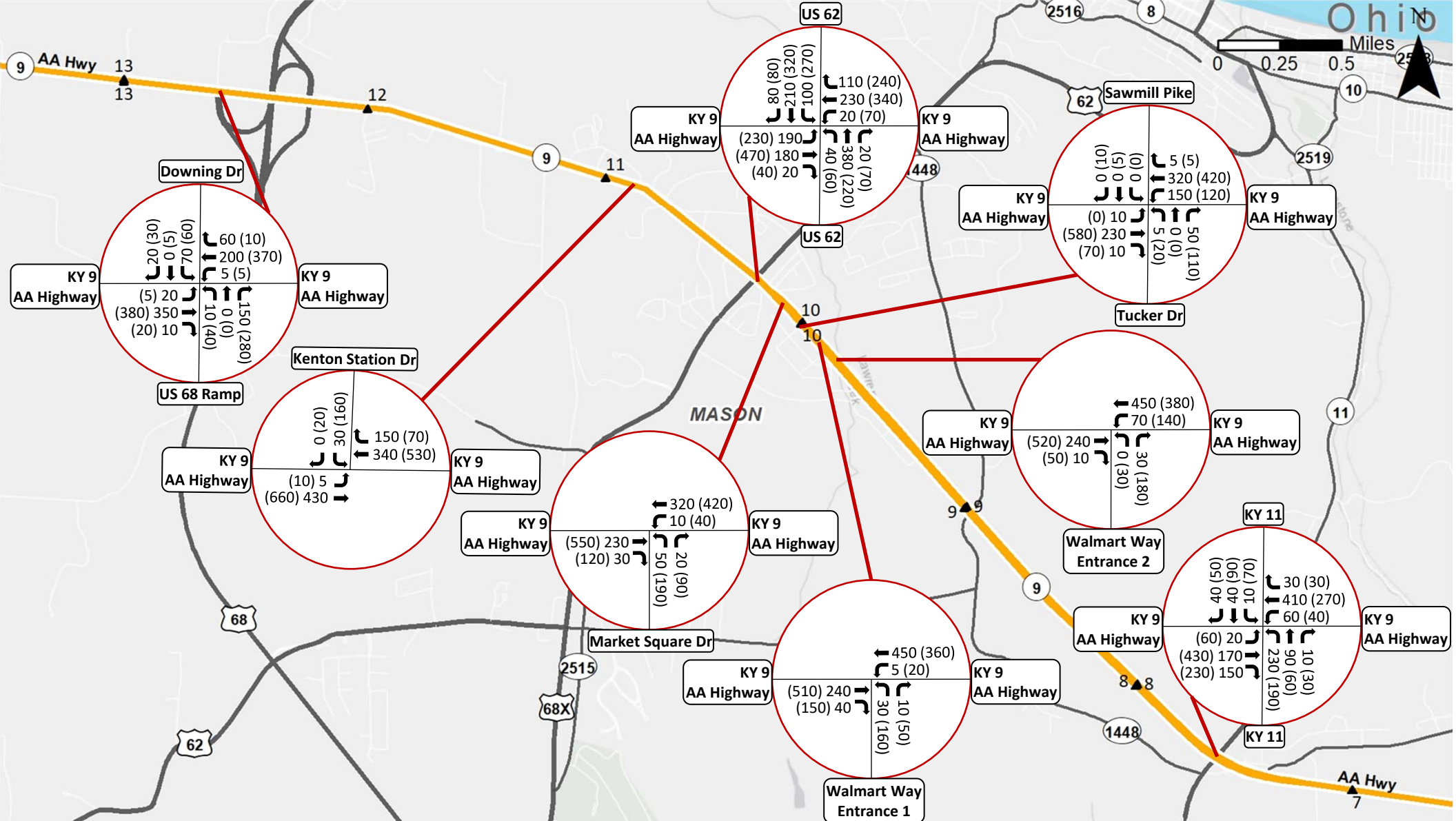
AA Highway Improvements Study
Turning Movement Count Overview



- Study Area
- ▲ Milepoints
- County Line

2020 EXISTING CONDITIONS
AM (PM) Peak Hour Turn Volumes



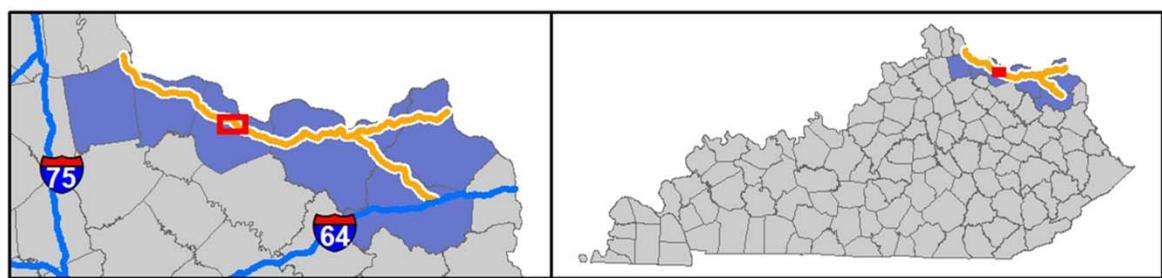


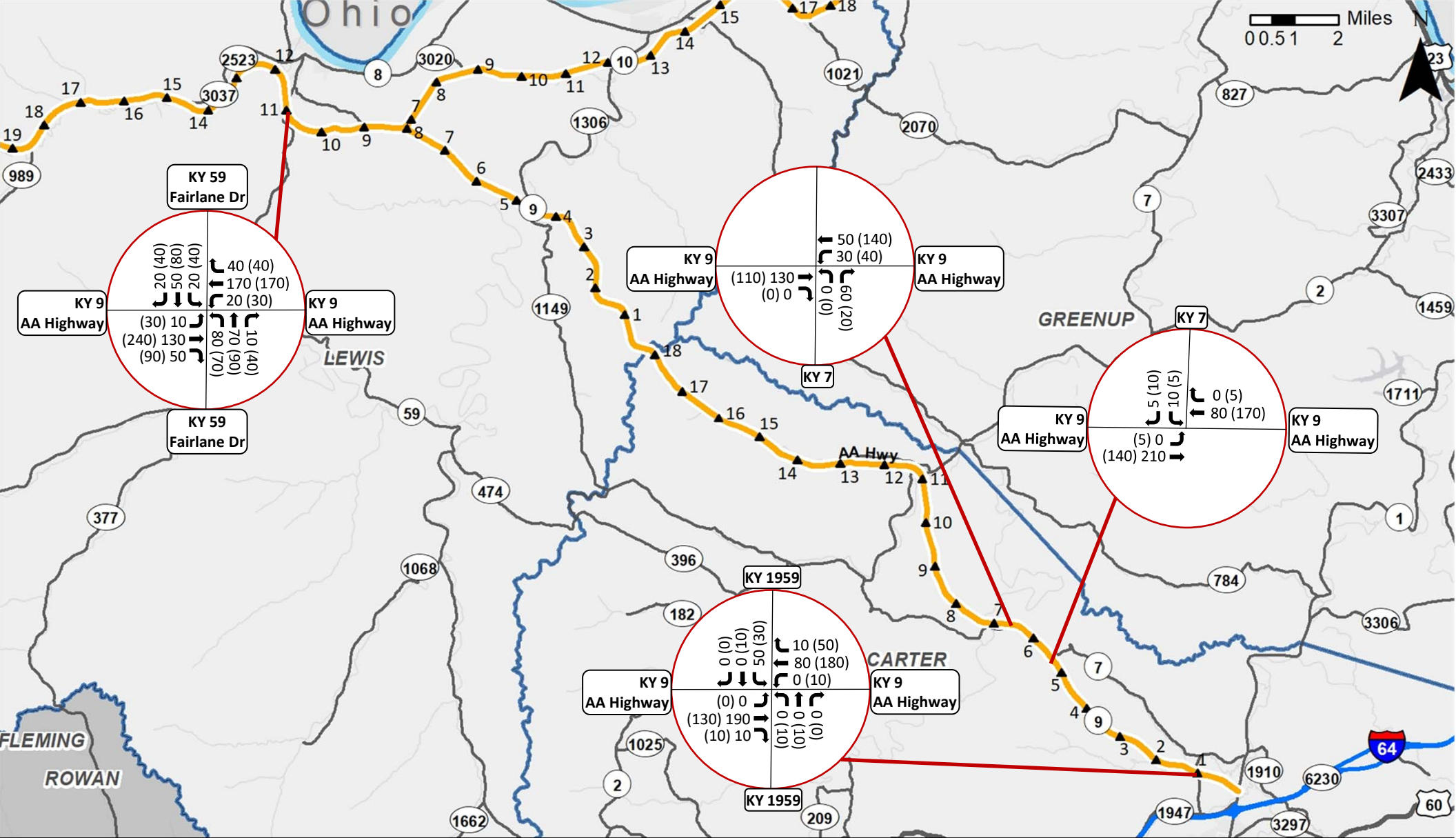
AA Highway Improvements Study
Turning Movement Count Overview



- Study Area
- Milepoints
- County Line

2020 EXISTING CONDITIONS
AM (PM) Peak Hour Turn Volumes





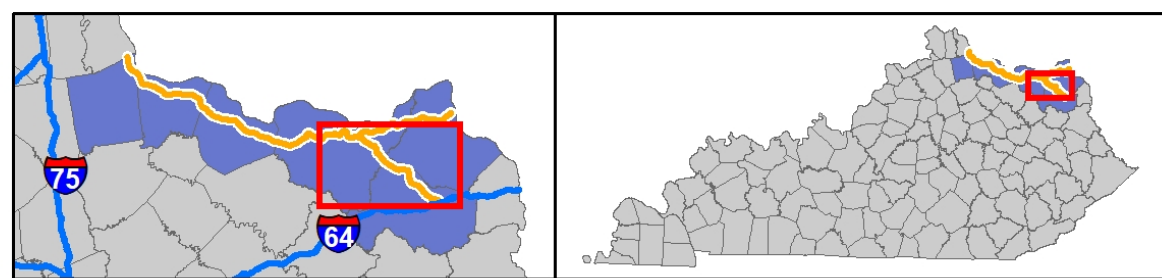
0 0.5 1 2 Miles

AA Highway Improvements Study
Turning Movement Count Overview



- Study Area
- Interstate
- ▲ Milepoints
- County Line

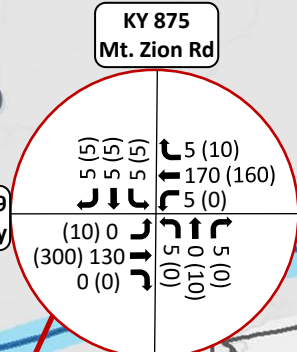
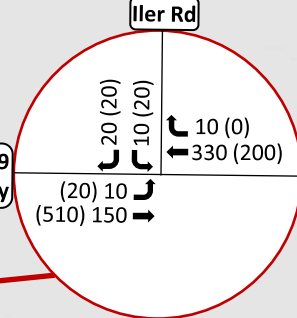
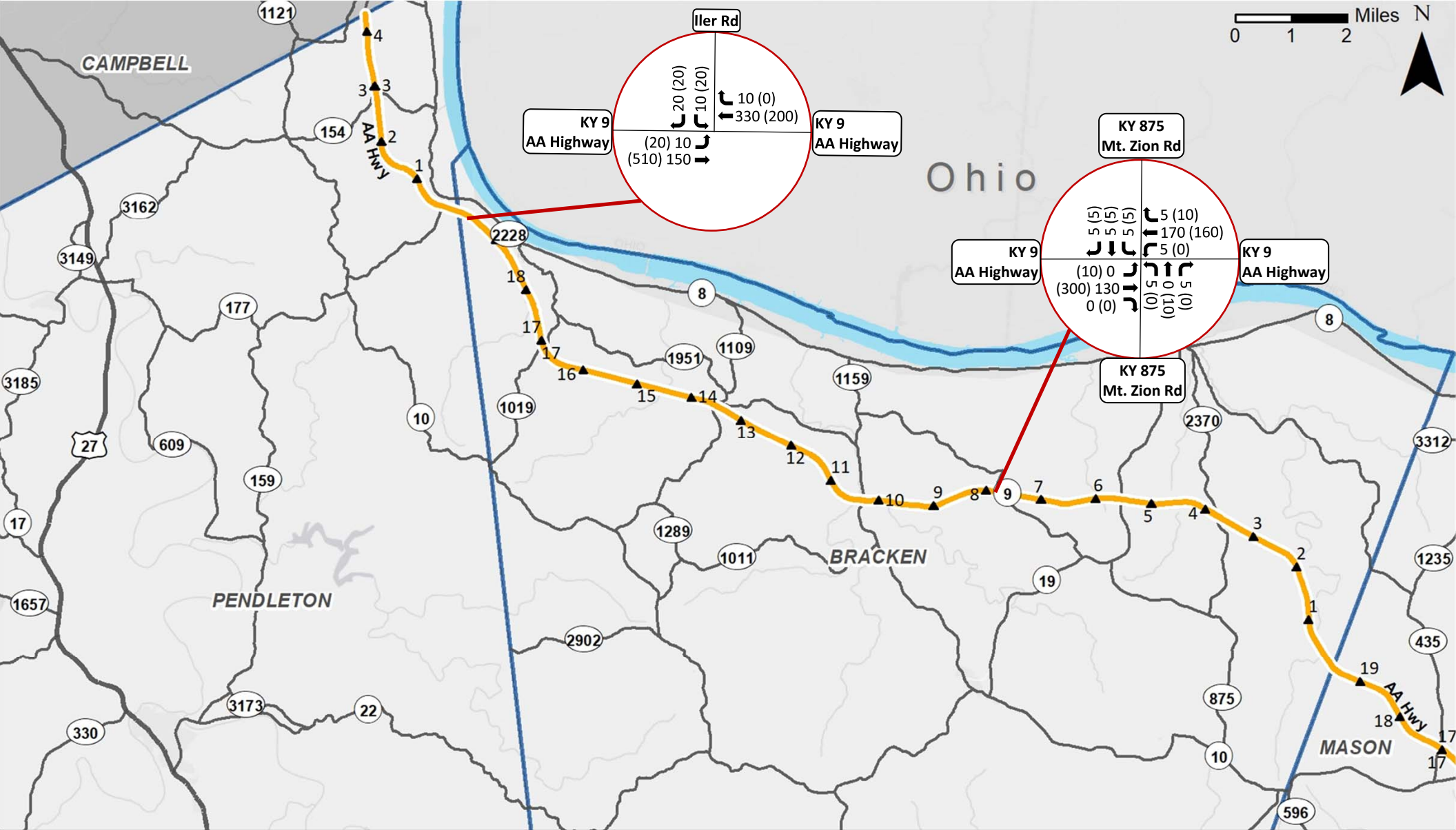
2020 EXISTING CONDITIONS
AM (PM) Peak Hour Turn Volumes



TRAFFIC FORECAST REPORT

APPENDIX C:

2045 TURNING MOVEMENT FORECASTS

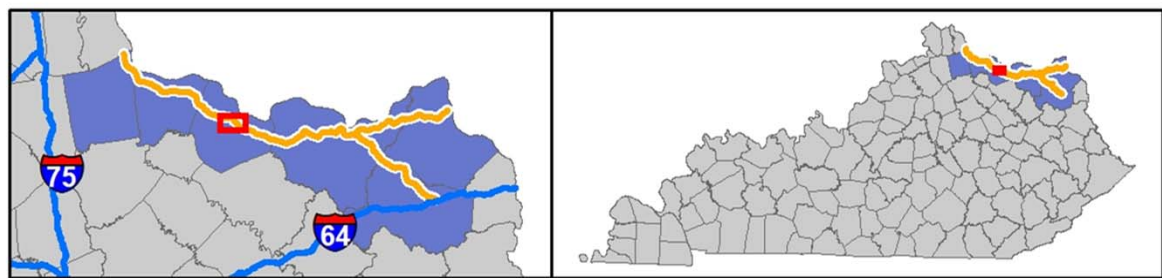


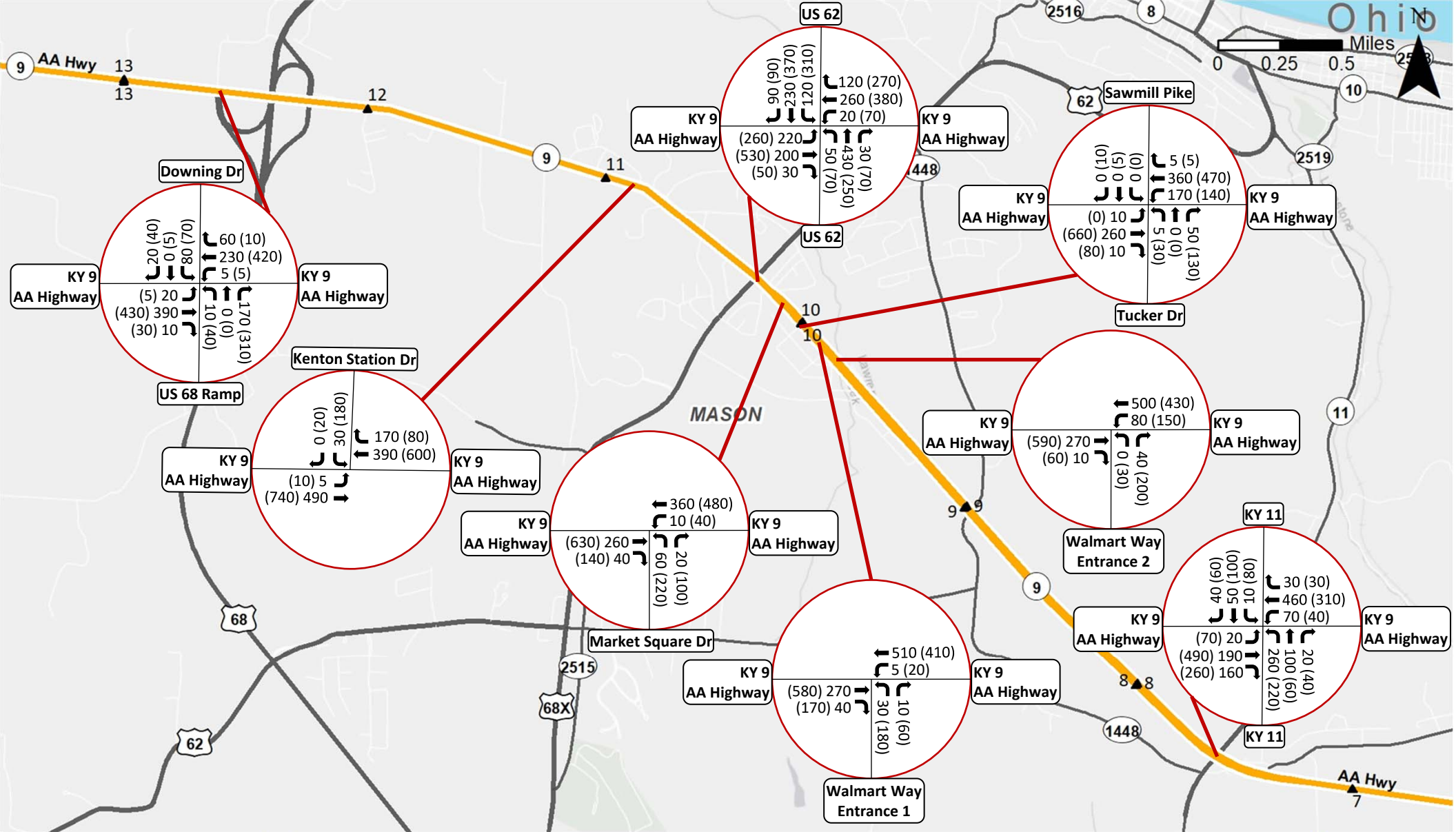
AA Highway Improvements Study
Turning Movement Count Overview



- Study Area
- ▲ Milepoints
- County Line

2045
NO BUILD
CONDITIONS
AM (PM) Peak Hour Turn Volumes



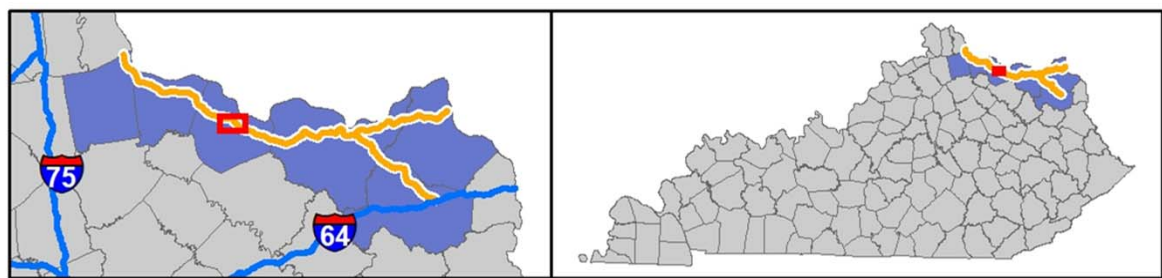


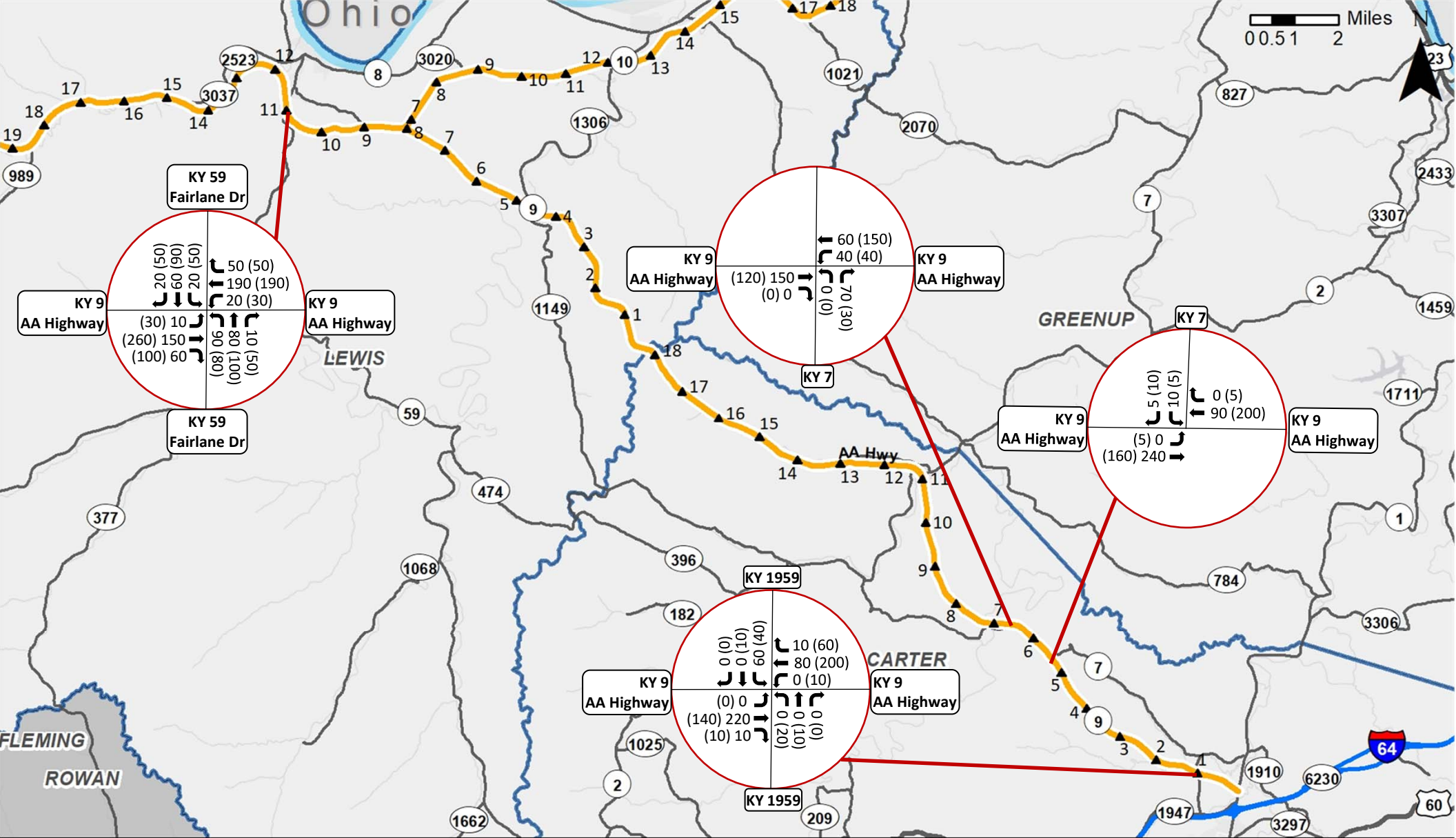
AA Highway Improvements Study
Turning Movement Count Overview



- Study Area
- Milepoints
- County Line

**2045
NO BUILD
CONDITIONS**
AM (PM) Peak Hour Turn Volumes





0 0.5 1 2 Miles

AA Highway Improvements Study
Turning Movement Count Overview



- Study Area
- Interstate
- Milepoints
- County Line

**2045
NO BUILD
CONDITIONS**
AM (PM) Peak Hour Turn Volumes

