

APPENDIX B

TRAFFIC FORECAST REPORT



Traffic Forecast Report

8-80104.00 KY 90 Corridor Study

Pulaski County, Kentucky

July 29, 2022

Table of Contents

Introduction and Study Area	1
Traffic Forecast Type	2
Traffic Counts	2
Segment Counts.....	2
Intersection Counts.....	3
Traffic Growth Rates	4
Historical Traffic Count Trends	4
KYTC Statewide Model Forecasts	5
Population Growth.....	5
Selected Growth Rate	5
2022 Traffic Volumes	5
2022 Segment Volumes (AADT, DHV, and Truck Volumes).....	5
2022 Intersection Volumes	6
Future (2045) Traffic Volumes.....	8
Design Year.....	8
Future Growth Rate Considerations.....	8
2045 Segment Volumes (AADT, DHV, and Truck Volumes).....	8

List of Figures

Figure 1: KY 90 Study Area Map.....	1
Figure 2: KY 90 Count Stations Hourly Traffic Volumes	3
Figure 3: Historical Growth on KY 90	4
Figure 4: 2022 Traffic Volumes	7
Figure 5: 2045 Traffic Volumes	10

List of Tables

Table 1: KY 90 Count Station Data	2
Table 2: Kentucky and Pulaski County Population Data.....	5
Table 3: Baseline (2022) Traffic Volumes.....	6
Table 4: Truck Percentages (Percent of AADT)	6
Table 5: Future Year (2045) Traffic Volumes	8

Appendices

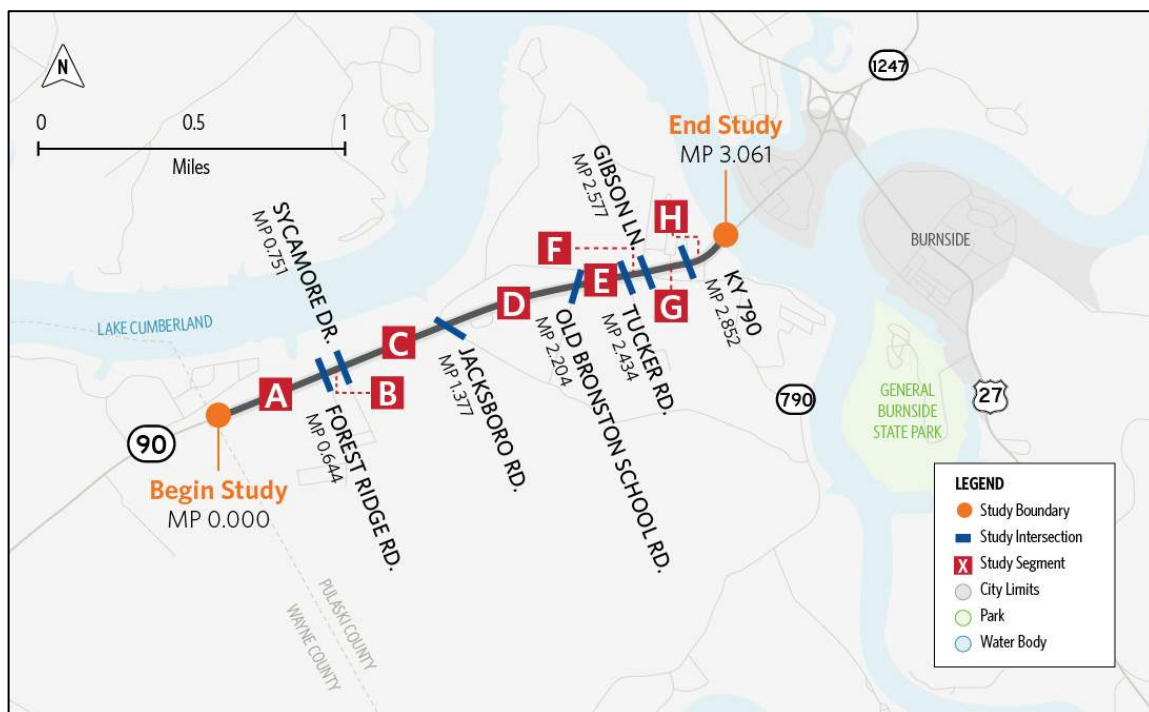
- Appendix A: Traffic Count Data
- Appendix B: Intersection Turning Movement Counts

Introduction and Study Area

The Kentucky Transportation Cabinet (KYTC) initiated a study to evaluate KY 90 between the Wayne County line (milepost 0.00) and the New Cumberland River Bridge over Lake Cumberland (milepost 3.061) in Pulaski County. KY 90 in the study area is just south of the City of Somerset and west of the City of Burnside. The first 1.4 miles of KY 90 (closest to Wayne County) is classified as a rural minor arterial highway, while the rest of the study area is classified as an urban minor arterial highway. The study corridor is shown in **Figure 1** along with the eight main evaluation segments and the seven study intersections.

The objective of the KY 90 Corridor Study is to identify short-term and long-term improvements to reduce congestion and improve safety, capacity, and mobility along KY 90 within the study area. This report summarizes the methodology used to develop the KY 90 Corridor Study traffic forecasts.

Figure 1: KY 90 Study Area Map



Traffic Forecast Type

The traffic forecast developed for the KY 90 corridor addressed total traffic and trucks for both 2022 and 2045. The forecast results include:

- 2022 and 2045 Average Annual Daily Traffic (AADT) and Design Hourly Volume (DHV) volumes
- 2022 and 2045 Truck AADT and DHV volumes

Traffic Counts

KYTC provided traffic count data for the corridor, including hourly segment traffic counts. Peak period intersection turning movement counts were obtained as part of the study in late March 2022.

Segment Counts

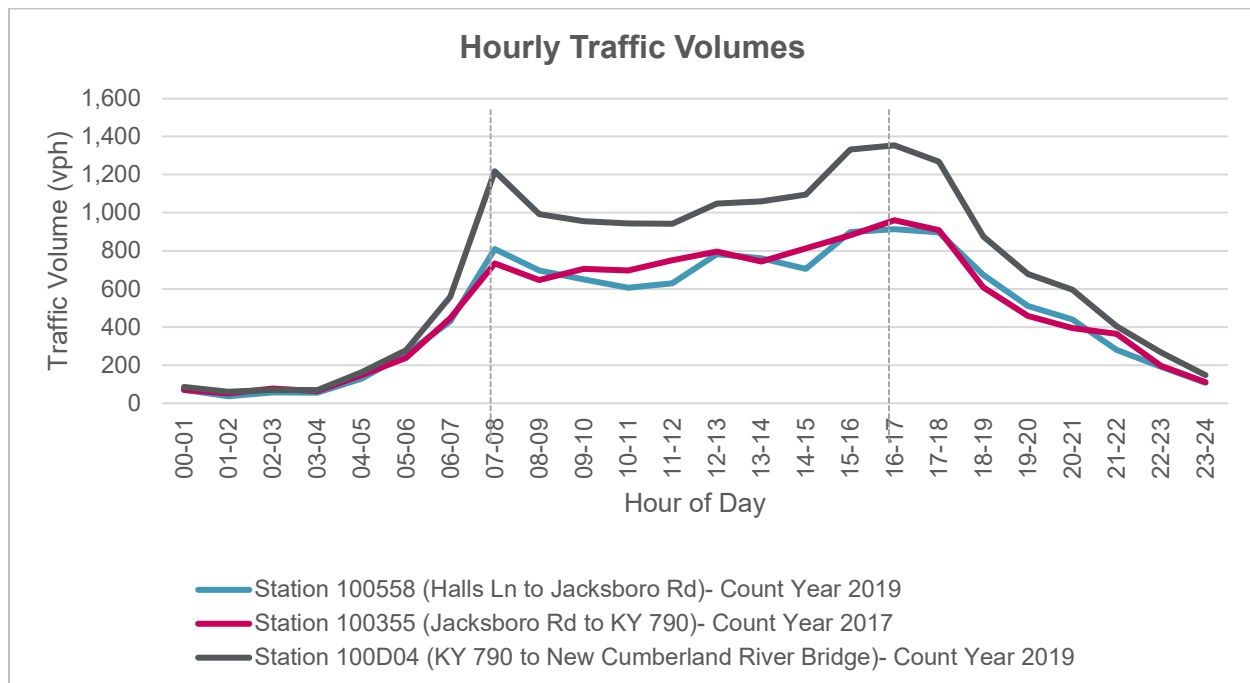
KYTC conducts short-term hourly counts at three locations in the study corridor. The first count station (station ID: 100558) covers the segment from Halls Lane (in Wayne County) to Jacksboro Road, the second count station (station ID: 100355) covers the segment from Jacksboro Road to KY 790, and the last count station (station ID: 100D04) covers the segment from KY 790 to the New Cumberland River Bridge. **Table 1** presents the counts conducted in 2017 and 2019. The counts provided hourly traffic volume data by vehicle class and direction. The raw traffic count data is provided in **Appendix A**. A graph of the hourly volumes for these three count stations is presented in **Figure 2**, which shows the AM peak is occurring between 7 and 8 am, and the PM peak is occurring between 4 and 5 pm.

Table 1: KY 90 Count Station Data

Count Station	County	Route	Begin Milepoint	End Milepoint	Count Year	AADT	K Factor	D Factor	% Single Truck*	% Combo Truck*	% Total Trucks*
100558	Pulaski	KY 90	0.00	1.377	2019	10,408	9.9	58	6.1	3.8	9.8
100355	Pulaski	KY 90	1.377	2.852	2017	10,719	7.3	56	6.1	3.8	9.8
100D04	Pulaski	KY 90	2.852	3.061	2019	15,279	8.6	57	6.1	3.8	9.8

**The truck percentages for all count stations come from station 100D04, which is the only classification count station in the study area.*

Figure 2: KY 90 Count Stations Hourly Traffic Volumes



2020 counts were provided for stations 100355 and 100D04. Counts from previous years were also provided for these same stations. A comparison was made between the 2020 counts and the previous years to determine if changes in travel patterns and volumes were impacted significantly by the COVID-19 pandemic. The 2020 AADT volume at station 100355 was 9% higher than the 2017 volume and the 2020 AADT volume at station 100D04 was 40% lower than the 2019 count. This difference showed that travel pattern changes during the COVID-19 pandemic had a significant impact on traffic in the study area. A 24-hour volume count (AADT of 15,751 vehicles per day) was conducted at count station 100D04 in 2022 as part of this project to validate this volume discrepancy. It indicated that volumes post-2020 had increased back to pre-pandemic values.

Intersection Counts

To evaluate intersection level traffic operations and to confirm the design hour volumes from the segment counts it was necessary to collect intersection turning movement counts at the seven study intersections. These counts were conducted in late March 2022 at the following seven KY 90 intersections. The counts are shown in **Figure 4** (rounded to the nearest 10 vehicles per hour (vph)).

1. Forest Ridge Road
2. Sycamore Drive
3. Jacksboro Road
4. Old Bronston School Road
5. Tucker Road
6. Gibson Lane
7. KY 790

These counts were used to develop the 2022 design hour volumes. An evaluation of these 2022 intersection counts indicated they were consistent with expectations based on historical traffic volumes. **Appendix B** provides the detailed intersection turning movement count data.

Traffic Growth Rates

2022 was selected as the baseline year for analysis due to recent intersection counts being available for comparison and no findings of significant inconsistencies between pre COVID-19 counts and 2022 counts. 2045 was selected as the design year. The growth rate for the study area was determined by comparing the results from three independent assessments:

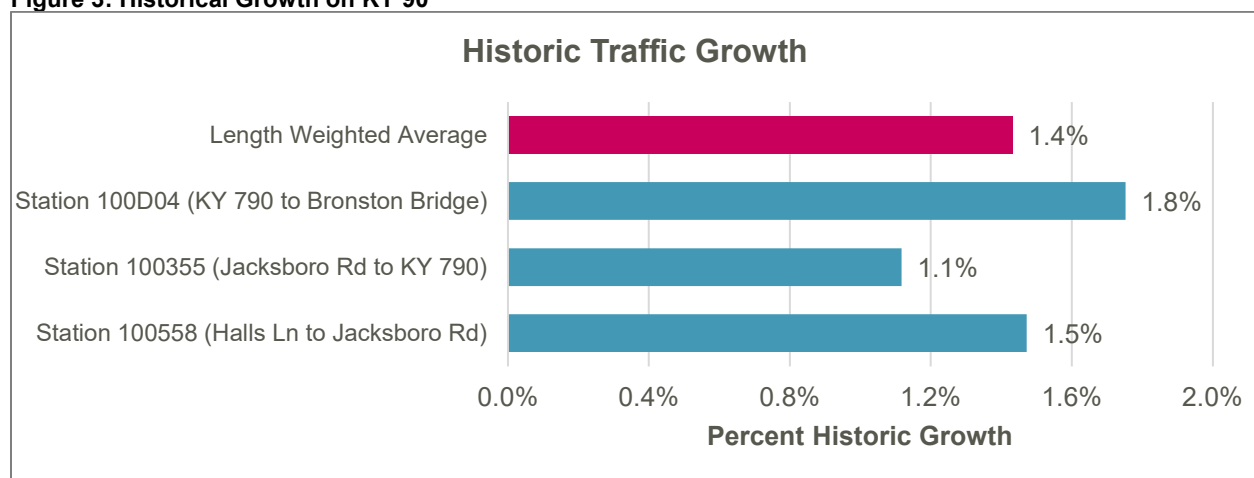
1. Reviewing historical traffic counts for growth trends
2. Analyzing results from the KYTC statewide model 5976_KYSTMv19
3. Examining the expected population growth in Pulaski County.

Historical Traffic Count Trends

Historical AADT information was obtained from KYTC for count stations in the corridor study area. The data included the basic volume numbers as well as supporting information such as heavy vehicle percentages, directional distribution, design hour factor (K factor), and hourly count data. The traffic count data from the most recent 11 years prior to COVID-19 (2020) was used to estimate the historical growth trends. This resulted in using data from 2008 to 2019.

As shown in **Figure 3**, the maximum traffic growth occurred at Station 100D04 (KY 790 to New Cumberland River Bridge) with a 1.8% increase per year, and the minimum traffic growth happened at Station 100355 (Jacksboro Road to KY 790) with a 1.1% increase per year. The resulting length weighted average traffic growth for this time period within the study area is 1.4% (length weighting means that a longer count station segment is weighted proportionately more than a shorter segment).

Figure 3: Historical Growth on KY 90



KYTC Statewide Model Forecasts

The 5976_KYSTMv19 model results for the base year (2019) and the future year (2045) were examined. KYTC staff ran the model and provided the loaded model network files to the consultant team. Compound growth results from the model ranged from a maximum of 1.2% growth to a minimum of 0.6% growth. The length-weighted average growth in the corridor based on the model results was approximately 1.1% per year.

Population Growth

Historical census data and population projections for Pulaski County were examined to assess the past and expected future population growth in the area, see **Table 2**. The data was obtained from the University of Louisville State Data Center. The average annual population growth for Pulaski County from 2010 to 2020 was approximately 0.3%. For the 2020 to 2045 projected time period, population growth in the county is expected to be approximately 0.5% per year.

Table 2: Kentucky and Pulaski County Population Data

Location	Census		Projections				Extrapolation	Annual Growth	
	2010	2020	2025	2030	2035	2040	2045	2010 to 2020	2020 to 2045
Kentucky	4,339,367	4,505,836	4,634,415	4,726,382	4,808,682	4,886,381	4,993,560	0.4%	0.4%
Pulaski County	63,063	65,034	67,345	68,854	70,180	71,296	72,981	0.3%	0.5%

Source: University of Louisville Data Center

Selected Growth Rate

Based on the 1.4% annual historical traffic count growth rate, the 1.1% projected model growth, and the expectation that the study area population will continue to grow at approximately 0.5% per year, a 1.2% annual growth rate was selected for the corridor. This is sufficient to explore the potential effects of a continued modest increase in traffic volumes over the forecast horizon.

2022 Traffic Volumes

The 2022 study volumes were estimated using the selected growth rate of 1.2%, 2022 intersection counts and the KYTC Count Station information (**Table 1**).

2022 Segment Volumes (AADT, DHV, and Truck Volumes)

The 2022 segment volume data is presented in **Table 3**. The intersection turning movement counts that were obtained in 2022 were used to develop the segment AADT volumes. A check was made between the calculated AADT's and the traffic count stations from 2017 / 2019 (grown at 1.2% to 2022) to determine if the intersection counts would yield reasonable results. The 2022 intersection counts resulted in -3% to +12% difference compared to the count stations volumes.

2022 AADTs

The volumes in each segment were calculated by applying a K factor (8.2%) to the highest peak hour volume in each segment. The K factor was estimated using historic traffic (see **Table 1**)

and the 2022 count data (see **Appendix A**). The highest volumes were found to be in the PM peak for each of the eight segments. **Table 3** summarizes 2022 AADT volumes, rounded to the nearest 50 vehicles per day (vpd). The volumes are also shown in **Figure 4**.

Table 3: Baseline (2022) Traffic Volumes

ID	Begin Milepoint	End Milepoint	Segment	AADT	DHV	AADTT	TDHV
A	0.000	0.644	Wayne County Line to Forest Ridge Road	10,050	820	990	50
B	0.644	0.751	Forest Ridge Road to Sycamore Drive	10,600	870	1,040	50
C	0.751	1.377	Sycamore Road to Jacksboro Road	11,150	910	1,090	55
D	1.377	2.204	Jacksboro Road to Old Bronston School Road	12,000	980	1,180	60
E	2.204	2.434	Old Bronston School Road to Tucker Road	12,550	1,030	1,230	60
F	2.434	2.577	Tucker Road to Gibson Lane	13,300	1,090	1,310	65
G	2.577	2.852	Gibson Lane to KY 790	13,950	1,140	1,370	70
H	2.852	3.061	KY 790 to New Cumberland River Bridge	15,350	1,260	1,510	75

Note: AADT rounded to the nearest 50. TAADT and DHV rounded to the nearest 10. TDHV rounded to the nearest 5.

2022 DHVs

DHV values were calculated using the highest peak hour volume in each segment from the turning movement count data and were rounded to the nearest 10vph. Hourly volumes increased along the corridor from west to east approaching the New Cumberland River Bridge.

2022 Truck AADTs and DHVs

Truck percent data was obtained from the KYTC Statewide Traffic Counts Map. This data was used along with the classification count at station 100D04 to estimate Average Annual Daily Truck Traffic (AADTT) and truck DHV volumes for each segment in the corridor in 2022 (AADTT rounded to the nearest 10vpd, truck DHV rounded to nearest 5vph). The results are shown on **Table 3** and **Figure 4**.

Truck percentages used in this calculation are presented in **Table 4**. These are percentages of AADT to calculate both daily and peak hour truck volumes.

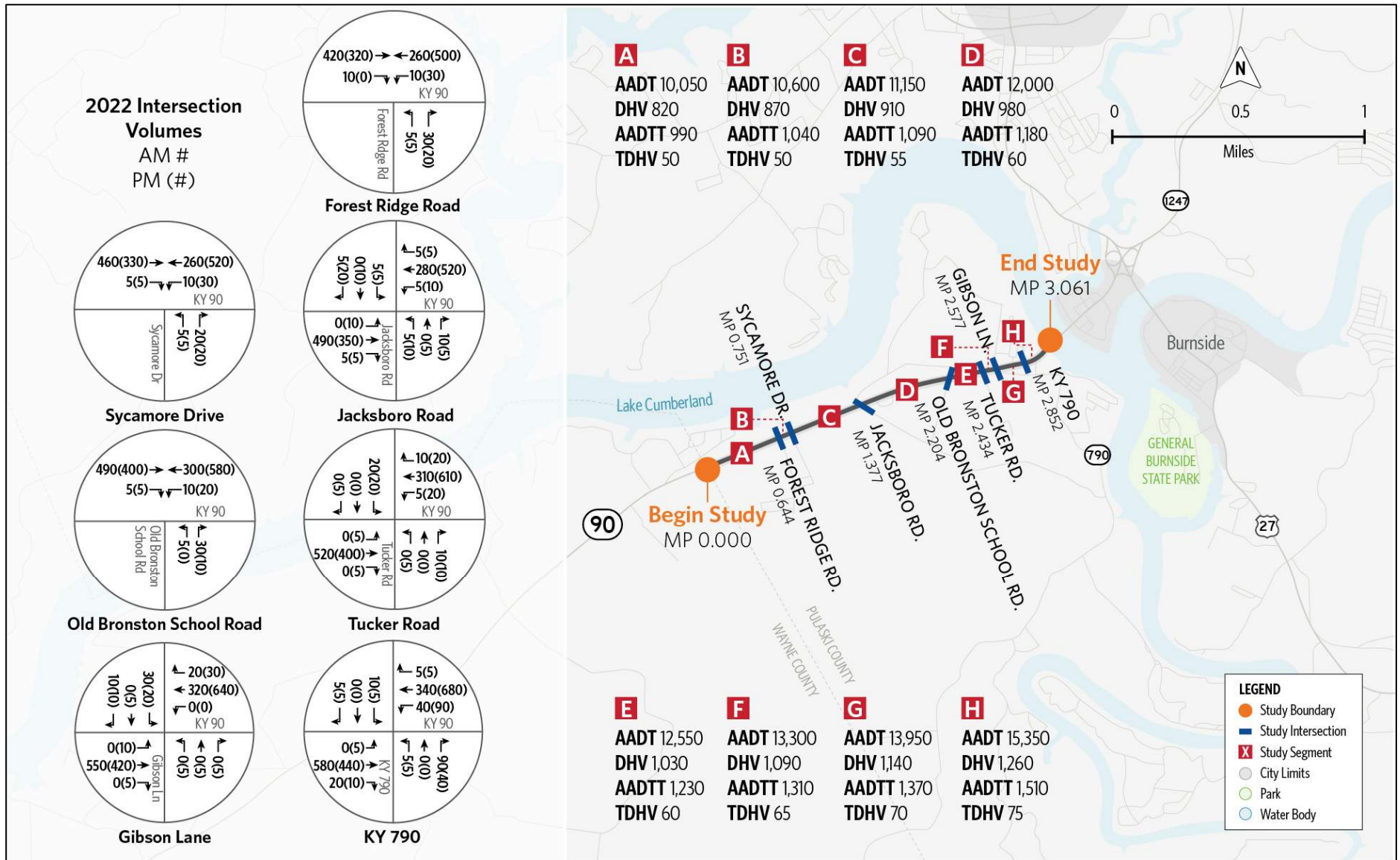
Table 4: Truck Percentages (Percent of AADT)

ID	Begin Milepoint	End Milepoint	Segment	% Trucks of AADT			% Trucks of AADT in Peak Hour		
				Single	Combo	Total	Single	Combo	Total
A to H	0.000	3.061	Wayne County Line to New Cumberland River Bridge	6.1	3.8	9.8	0.4	0.1	0.5

2022 Intersection Volumes

The 2022 intersection volumes were derived from the 2022 intersection traffic counts but have been rounded to the nearest 10. The peak hour in the AM occurred between 7:15am and 8:15am. The peak hour in the PM occurred between 4:30pm and 5:30pm. Volumes increased the closer the intersection was located to the New Cumberland River Bridge.

Figure 4: 2022 Traffic Volumes



Future (2045) Traffic Volumes

Design Year

AASHTO's *A Policy on Geometric Design of Highways and Streets, 7th Edition (2018)* recommends that the design for new construction or improvements to existing roadways consider future traffic volumes expected to use the facility, with these future traffic volumes typically being at least 20 years into the future. During project scoping, the project team selected 2045 as the design year to use in this study.

Future Growth Rate Considerations

The growth rate for the corridor was based on a review of the historical trends, historical population growth in the corridor, and the Kentucky Statewide Traffic Model (5971_KYSTMV19) projections. Since the improvements being developed in this study would not add capacity or substantially change travel speeds the No-Build and Build scenario growth rates were assumed to be the same, leading to one set of future projections.

2045 Segment Volumes (AADT, DHV, and Truck Volumes)

2045 AADTs

The 2045 AADT volumes were calculated by growing the 2022 values using the 1.2% annual growth rate. The 2045 volumes are shown in **Table 5** and **Figure 5**.

Table 5: Future Year (2045) Traffic Volumes

ID	Begin Milepoint	End Milepoint	Segment	AADT	DHV	AADTT	TDHV
A	0.000	0.644	Wayne County Line to Forest Ridge Road	13,200	1,080	1,300	65
B	0.644	0.751	Forest Ridge Road to Sycamore Drive	13,950	1,140	1,370	70
C	0.751	1.377	Sycamore Road to Jacksboro Road	14,650	1,200	1,440	70
D	1.377	2.204	Jacksboro Road to Old Bronston School Road	15,800	1,300	1,550	75
E	2.204	2.434	Old Bronston School Road to Tucker Road	16,500	1,350	1,620	80
F	2.434	2.577	Tucker Road to Gibson Lane	17,500	1,430	1,720	85
G	2.577	2.852	Gibson Lane to KY 790	18,350	1,500	1,800	90
H	2.852	3.061	KY 790 to New Cumberland River Bridge	20,200	1,660	1,980	100

Note: AADT rounded to the nearest 50. TAADT and DHV rounded to the nearest 10. TDHV rounded to the nearest 5.

2045 DHVs

The 2045 DHVs were estimated by applying the K factor to the calculated 2045 AADTs. These results are shown in **Table 5** and **Figure 5**.

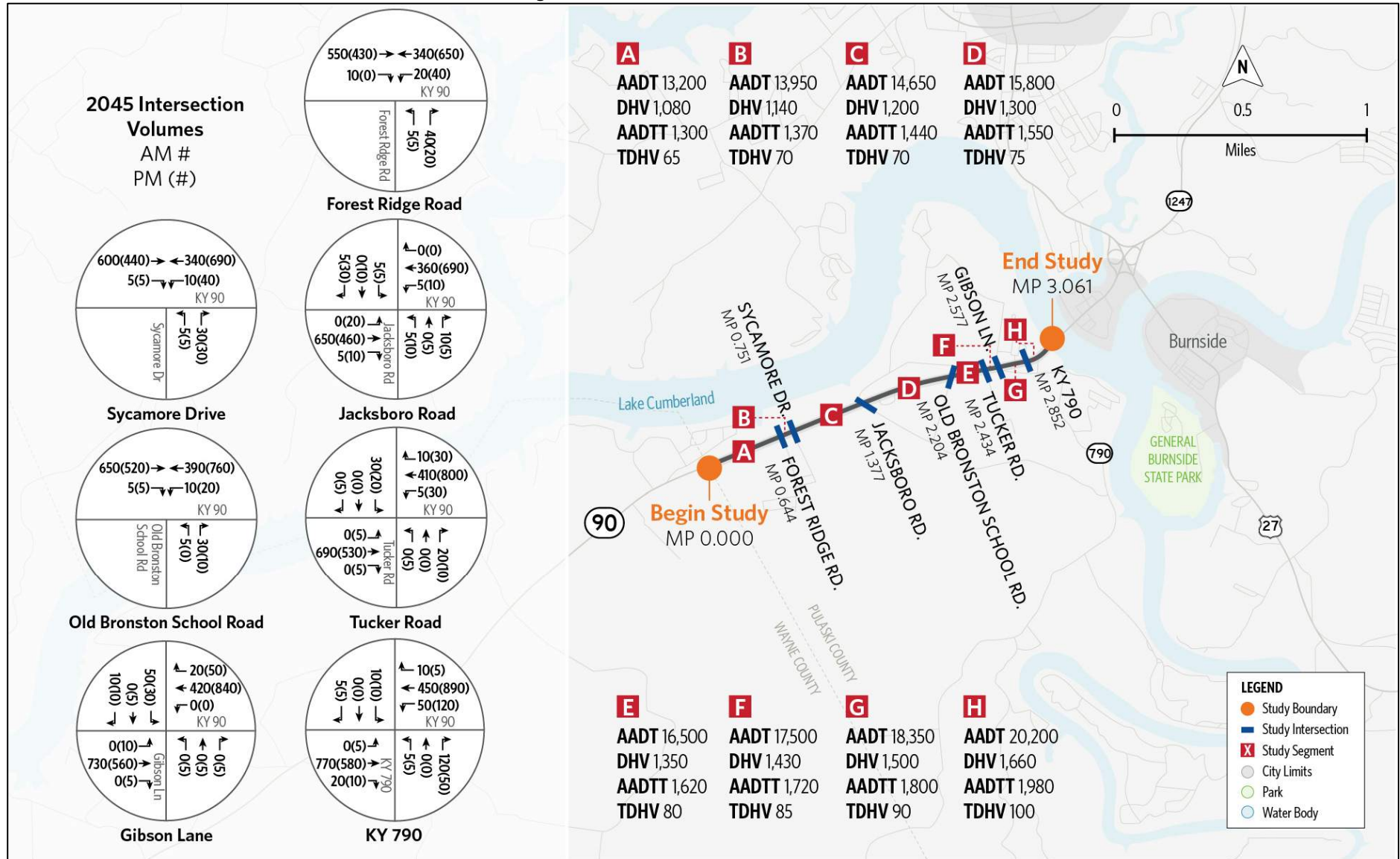
2045 Truck AADTs and DHVs

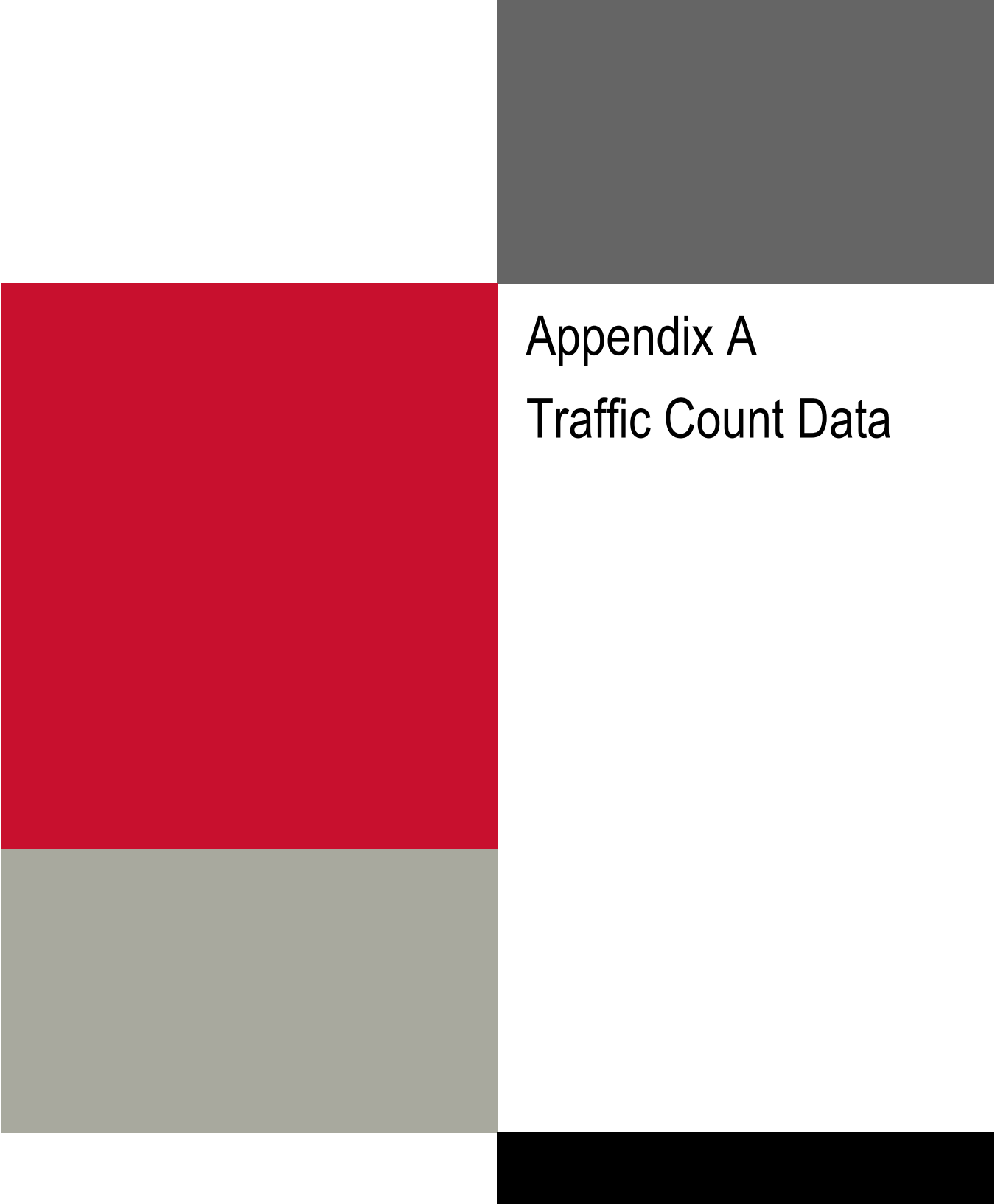
The 2045 truck AADTs and DHVs were based on the corridor growth rate. The results are shown on **Figure 5**. A review of the Kentucky Transportation Center report on truck data for calculating ESAL's¹ shows zero anticipated truck traffic growth for rural minor arterial type facilities, therefore the same truck percentage was used for 2022 and 2045 to calculate truck

¹ [Microsoft Word - KTC-15-26 ESAL Update & Documentation.docx \(uky.edu\)](#)

volumes. **Table 5** shows truck traffic data (AADTT rounded to the nearest 10vpd, truck DHV rounded to nearest 5vph).

Figure 5: 2045 Traffic Volumes



A decorative graphic consisting of several overlapping rectangles in various shades of gray, red, and black. A large red rectangle is on the left, with a dark gray rectangle above it and a medium gray rectangle below it. To the right, there is a dark gray rectangle at the top and a black rectangle at the bottom.

Appendix A

Traffic Count Data

Kentucky Transportation Cabinet

Short-term Hourly Traffic Volume for 04/16/2019 through 04/18/2019

Site names: 100558 Seasonal Factor Grp: 2
 County: Pulaski Daily Factor Grp: 2
 Funct Class: R Minor Arterial - Other Axle Factor Grp: 06
 Location: 100-KY-0090 -000 @ .800 From: WAYNE Growth Factor Grp: 06

	Sun, Apr 14, 2019			Mon, Apr 15, 2019			Tue, Apr 16, 2019			Wed, Apr 17, 2019			Thu, Apr 18, 2019			Fri, Apr 19, 2019			Sat, Apr 20, 2019		
	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg
00:00										70			60								
01:00										38			57								
02:00										56			68								
03:00										55			66								
04:00										129			122								
05:00										258			265								
06:00										430			431								
07:00										810			753								
08:00										696			702								
09:00							681			650											
10:00							645			606											
11:00							644			629											
12:00							728			782											
13:00							675			761											
14:00							786			706											
15:00							840			898											
16:00							1,027			915											
17:00							882			897											
18:00							648			674											
19:00							565			511											
20:00							434			440											
21:00							280			280											
22:00							190			191											
23:00							120			108											
Total							9,145			11,590			2,524								
AM Peak Vol										810											
AM Peak Fct										.844											
AM Peak Hr										7: 00											
PM Peak Vol							1,027			954											
PM Peak Fct							.94			.907											
PM Peak Hr							16: 00			16: 15											
Seasonal Fct							.964			.964			.964								
Daily Fct							.967			.952			.939								
Axle Fct							.485			.485			.485								
Pulse Fct							2.000			2.000			2.000								

Kentucky Transportation Cabinet

Short-term Hourly Traffic Volume for 05/08/2017 through 05/10/2017

Site names: 100355 Seasonal Factor Grp: 3
 County: Pulaski Daily Factor Grp: 3
 Funct Class: U Minor Arterial Axle Factor Grp: 16
 Location: 100-KY-0090 -000 @ 2.000 From: Growth Factor Grp: 16

	Sun, May 7, 2017			Mon, May 8, 2017			Tue, May 9, 2017			Wed, May 10, 2017			Thu, May 11, 2017			Fri, May 12, 2017			Sat, May 13, 2017		
	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg	Road	Pos	Neg
00:00							71			66											
01:00							52			44											
02:00							77			88											
03:00							63			64											
04:00							148			130											
05:00							239			233											
06:00							447			471											
07:00							734			784											
08:00							647			721											
09:00							706			685											
10:00							697			703											
11:00				780			751														
12:00				778			796														
13:00				755			744														
14:00				795			813														
15:00				887			881														
16:00				914			962														
17:00				892			908														
18:00				666			607														
19:00				486			459														
20:00				383			395														
21:00				275			365														
22:00				213			197														
23:00				125			110														
Total				7,949			11,869			3,989											
AM Peak Vol				0			751			0											
AM Peak Fct				0			1			0											
AM Peak Hr				:			11: 00			:											
PM Peak Vol				914			962			0											
PM Peak Fct				1			1			0											
PM Peak Hr				16: 00			16: 00			:											
Seasonal Fct				.953			.953			.953											
Daily Fct				.981			.977			.964											
Axle Fct				.484			.484			.484											
Pulse Fct				2.000			2.000			2.000											

Kentucky Transportation Cabinet

Road Detail Daily Class Distribution Beginning 04/22/2019

Site names: 100D04
 County: Pulaski
 Funct Class: U Minor Arterial
 Location: 100-KY-0090 -000 @ 3.808 From: KY 790 To: US 27

Seasonal Factor Grp: 3
 Daily Factor Grp: 3
 Axle Factor Grp: 16
 Growth Factor Grp: 16

		MC	CAR	PU	BUS	2D	SU 3	SU 4+	ST 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+	NA	UNCLS	TOTAL	% SU	% MU	% TRK	AXL
04/22	10-11	4	550	280	6	50	10	1	6	46	0	0	0	0	0	0	953	7.03	5.46	12.49	.461
	11-12	6	608	297	5	63	10	1	12	37	0	0	0	1	0	0	1,040	7.60	4.81	12.40	.466
	12-13	13	726	289	7	53	8	0	10	46	0	0	0	0	0	0	1,152	5.90	4.86	10.76	.467
	13-14	16	689	255	10	49	12	0	5	25	0	0	0	0	0	0	1,061	6.69	2.83	9.52	.478
	14-15	15	727	303	8	55	12	0	12	29	0	0	0	1	0	0	1,162	6.45	3.61	10.07	.474
	15-16	19	871	313	15	51	6	0	10	24	1	0	0	0	0	0	1,310	5.50	2.67	8.17	.482
	16-17	10	931	331	5	64	2	1	7	19	1	0	0	0	0	0	1,371	5.25	1.97	7.22	.486
	17-18	10	876	340	10	42	7	1	3	12	0	0	0	1	0	0	1,302	4.61	1.23	5.84	.489
	18-19	9	586	252	0	28	1	1	4	18	0	0	0	0	0	0	899	3.34	2.45	5.78	.483
	19-20	11	488	171	4	21	2	0	4	10	0	0	0	0	0	0	711	3.80	1.97	5.77	.487
	20-21	7	427	152	4	24	4	0	4	14	0	0	0	0	0	0	636	5.03	2.83	7.86	.480
	21-22	3	310	121	4	12	3	0	1	7	0	0	0	0	0	0	461	4.12	1.74	5.86	.486
	22-23	0	194	50	4	10	1	0	1	4	0	1	0	0	0	0	265	5.66	2.26	7.92	.484
	23-24	0	103	30	1	4	0	0	0	5	0	0	0	0	0	0	143	3.50	3.50	6.99	.475
	Day	123	8086	3184	83	526	78	5	79	296	2	1	0	3	0	0	12466	5.55	3.06	8.61	.478
	ST Count	296	21300	8758	213	1394	201	11	191	843	4	5	1	3	0	1	33221	5.48	3.15	8.63	.477
04/23	00-01	1	51	22	0	5	0	0	0	6	0	0	0	0	0	0	85	5.88	7.06	12.94	.452
	01-02	1	38	13	1	2	0	0	0	6	0	0	0	0	0	0	61	4.92	9.84	14.75	.436
	02-03	0	50	12	0	3	0	0	0	6	0	0	0	0	0	0	71	4.23	8.45	12.68	.444
	03-04	0	42	13	0	3	0	0	0	10	0	0	0	0	0	0	68	4.41	14.71	19.12	.410
	04-05	3	91	42	2	4	3	0	2	15	0	0	0	0	0	0	162	5.56	10.49	16.05	.431
	05-06	1	168	79	4	13	3	0	1	10	0	0	0	0	0	0	279	7.17	3.94	11.11	.471
	06-07	1	330	155	13	38	2	0	3	16	0	1	0	0	0	0	559	9.48	3.58	13.06	.475
	07-08	7	800	316	13	53	6	1	6	15	0	0	0	0	0	0	1,217	6.00	1.73	7.72	.487
	08-09	5	614	289	2	48	7	1	5	21	0	0	0	0	0	1	993	5.84	2.62	8.46	.480
	09-10	5	553	289	8	46	10	0	12	32	1	0	0	0	0	0	956	6.69	4.71	11.40	.468
	10-11	0	581	275	2	39	13	0	3	30	0	0	0	0	0	0	943	5.73	3.50	9.23	.473
	11-12	20	549	283	5	47	6	0	4	28	0	0	0	0	0	0	942	6.16	3.40	9.55	.475
	12-13	19	639	283	6	44	11	1	12	33	0	0	0	0	0	0	1,048	5.92	4.29	10.21	.470
	13-14	16	666	289	6	37	7	1	7	31	0	0	0	0	0	0	1,060	4.81	3.58	8.40	.474
	14-15	15	695	282	4	50	6	0	7	35	1	0	0	0	0	0	1,095	5.48	3.93	9.41	.472
	15-16	16	896	323	14	43	6	0	7	26	0	0	0	0	0	0	1,331	4.73	2.48	7.21	.482
	16-17	11	915	341	5	49	6	1	4	22	0	0	0	0	0	0	1,354	4.51	1.92	6.43	.485
	17-18	12	846	335	2	39	9	0	9	16	0	0	0	0	0	0	1,268	3.94	1.97	5.91	.486

		MC	CAR	PU	BUS	2D	SU 3	SU 4+	ST 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+	NA	UNCLS	TOTAL	% SU	% MU	% TRK	AXL
04/23	18-19	9	575	229	3	37	3	1	4	13	0	0	0	0	0	0	874	5.03	1.95	6.98	.486
	19-20	7	468	167	1	21	2	0	3	10	0	0	0	0	0	0	679	3.53	1.91	5.45	.487
	20-21	1	410	152	1	17	0	0	1	14	0	0	0	0	0	0	596	3.02	2.52	5.54	.482
	21-22	3	285	89	1	15	1	0	2	8	0	0	0	0	0	0	404	4.21	2.48	6.68	.483
	22-23	0	183	65	2	6	2	0	0	7	0	2	0	0	0	0	267	3.75	3.37	7.12	.474
	23-24	0	99	34	0	5	2	0	1	6	0	0	0	0	0	0	147	4.76	4.76	9.52	.465
	Day	153	10544	4377	95	664	105	6	93	416	2	3	0	0	0	1	16459	5.29	3.12	8.41	.477
	ST Count	296	21300	8758	213	1394	201	11	191	843	4	5	1	3	0	1	33221	5.48	3.15	8.63	.477
04/24	00-01	0	56	12	1	0	0	0	1	2	0	0	0	0	0	0	72	1.39	4.17	5.56	.474
	01-02	1	29	15	0	2	1	0	1	6	0	0	0	0	0	0	55	5.45	12.73	18.18	.420
	02-03	1	37	13	1	1	0	0	0	12	0	0	0	0	0	0	65	3.08	18.46	21.54	.392
	03-04	1	33	10	0	4	1	0	0	7	0	0	0	0	0	0	56	8.93	12.50	21.43	.418
	04-05	0	104	31	1	2	0	0	0	7	0	0	0	0	0	0	145	2.07	4.83	6.90	.466
	05-06	3	193	84	5	10	1	0	2	15	0	1	1	0	0	0	315	5.08	6.03	11.11	.459
	06-07	5	300	148	10	21	0	0	1	11	0	0	0	0	0	0	496	6.25	2.42	8.67	.483
	07-08	3	823	292	8	49	7	0	3	20	0	0	0	0	0	0	1,205	5.31	1.91	7.22	.485
	08-09	0	586	296	5	52	5	0	6	25	0	0	0	0	0	0	975	6.36	3.18	9.54	.478
	09-10	6	509	296	4	63	3	0	5	26	0	0	0	0	0	0	912	7.68	3.40	11.07	.476
	Day	20	2670	1197	35	204	18	0	19	131	0	1	1	0	0	0	4296	5.98	3.54	9.52	.475
	ST Count	296	21300	8758	213	1394	201	11	191	843	4	5	1	3	0	1	33221	5.48	3.15	8.63	.477

Kentucky Transportation Cabinet

Pos Detail Daily Class Distribution Beginning 04/22/2019

Site names: 100D04
 County: Pulaski
 Funct Class: U Minor Arterial
 Location: 100-KY-0090 -000 @ 3.808 From: KY 790 To: US 27

Seasonal Factor Grp: 3
 Daily Factor Grp: 3
 Axle Factor Grp: 16
 Growth Factor Grp: 16

		MC	CAR	PU	BUS	2D	SU 3	SU 4+	ST 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+	NA	UNCLS	TOTAL	% SU	% MU	% TRK	AXL
04/22	10-11	3	339	150	3	13	5	1	2	20	0	0	0	0	0	0	536	4.10	4.10	8.21	.469
	11-12	0	348	161	2	36	7	0	2	25	0	0	0	0	0	0	581	7.75	4.65	12.39	.466
	12-13	1	378	148	2	26	3	0	5	32	0	0	0	0	0	0	595	5.21	6.22	11.43	.458
	13-14	2	348	117	6	30	8	0	1	12	0	0	0	0	0	0	524	8.40	2.48	10.88	.479
	14-15	2	364	148	6	35	6	0	9	18	0	0	0	1	0	0	589	7.98	4.75	12.73	.468
	15-16	3	338	146	8	18	2	0	7	16	0	0	0	0	0	0	538	5.20	4.28	9.48	.473
	16-17	3	415	171	4	33	1	1	3	14	1	0	0	0	0	0	646	6.04	2.79	8.82	.480
	17-18	1	343	148	4	17	2	1	2	10	0	0	0	0	0	0	528	4.55	2.27	6.82	.483
	18-19	1	270	116	0	16	0	1	1	11	0	0	0	0	0	0	416	4.09	2.88	6.97	.479
	19-20	2	205	64	2	12	0	0	1	5	0	0	0	0	0	0	291	4.81	2.06	6.87	.486
	20-21	0	169	45	2	11	2	0	2	6	0	0	0	0	0	0	237	6.33	3.38	9.70	.476
	21-22	1	97	47	1	4	0	0	0	4	0	0	0	0	0	0	154	3.25	2.60	5.84	.481
	22-23	0	76	21	3	6	0	0	1	0	0	1	0	0	0	0	108	8.33	1.85	10.19	.489
	23-24	0	44	14	0	0	0	0	0	3	0	0	0	0	0	0	61	0.00	4.92	4.92	.466
	Day	19	3734	1496	43	257	36	4	36	176	1	1	0	1	0	0	5804	5.86	3.70	9.56	.473
	ST Count	47	10863	4332	110	658	91	5	88	457	1	3	0	1	0	1	16657	5.19	3.30	8.49	.476
04/23	00-01	1	21	11	0	2	0	0	0	4	0	0	0	0	0	0	39	5.13	10.26	15.38	.433
	01-02	1	19	6	1	0	0	0	0	4	0	0	0	0	0	0	31	3.23	12.90	16.13	.419
	02-03	0	20	6	0	1	0	0	0	4	0	0	0	0	0	0	31	3.23	12.90	16.13	.419
	03-04	0	25	7	0	2	0	0	0	4	0	0	0	0	0	0	38	5.26	10.53	15.79	.432
	04-05	0	73	32	0	0	2	0	1	7	0	0	0	0	0	0	115	1.74	6.96	8.70	.451
	05-06	1	126	54	2	8	2	0	0	6	0	0	0	0	0	0	199	6.03	3.02	9.05	.476
	06-07	0	241	101	4	17	1	0	1	9	0	0	0	0	0	0	374	5.88	2.67	8.56	.481
	07-08	1	569	198	11	28	6	0	2	10	0	0	0	0	0	0	825	5.45	1.45	6.91	.488
	08-09	0	399	159	2	18	4	0	1	6	0	0	0	0	0	1	590	4.07	1.19	5.25	.490
	09-10	1	361	134	1	21	2	0	3	14	0	0	0	0	0	0	537	4.47	3.17	7.64	.478
	10-11	0	352	146	1	18	9	0	2	13	0	0	0	0	0	0	541	5.18	2.77	7.95	.477
	11-12	3	289	117	3	21	2	0	3	20	0	0	0	0	0	0	458	5.68	5.02	10.70	.466
	12-13	3	332	137	2	26	5	0	10	15	0	0	0	0	0	0	530	6.23	4.72	10.94	.470
	13-14	1	301	125	3	18	4	0	3	18	0	0	0	0	0	0	473	5.29	4.44	9.73	.469
	14-15	3	334	145	2	23	1	0	5	17	0	0	0	0	0	0	530	4.91	4.15	9.06	.473
	15-16	5	365	158	9	22	3	0	3	14	0	0	0	0	0	0	579	5.87	2.94	8.81	.479
	16-17	3	375	171	3	25	2	0	3	16	0	0	0	0	0	0	598	5.02	3.18	8.19	.478
	17-18	1	350	144	1	16	1	0	6	9	0	0	0	0	0	0	528	3.41	2.84	6.25	.482

		MC	CAR	PU	BUS	2D	SU 3	SU 4+	ST 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+	NA	UNCLS	TOTAL	% SU	% MU	% TRK	AXL
04/23	18-19	2	247	105	2	17	3	1	1	10	0	0	0	0	0	0	388	5.93	2.84	8.76	.477
	19-20	1	177	58	0	10	1	0	1	2	0	0	0	0	0	0	250	4.40	1.20	5.60	.491
	20-21	0	163	59	1	7	0	0	0	6	0	0	0	0	0	0	236	3.39	2.54	5.93	.482
	21-22	0	119	32	0	3	0	0	1	2	0	0	0	0	0	0	157	1.91	1.91	3.82	.488
	22-23	0	65	36	1	3	0	0	0	1	0	2	0	0	0	0	108	3.70	2.78	6.48	.480
	23-24	0	39	12	0	0	0	0	1	3	0	0	0	0	0	0	55	0.00	7.27	7.27	.455
	Day	27	5362	2153	49	306	48	1	47	214	0	2	0	0	0	1	8210	4.92	3.20	8.12	.477
	ST Count	47	10863	4332	110	658	91	5	88	457	1	3	0	1	0	1	16657	5.19	3.30	8.49	.476
04/24	00-01	0	23	6	0	0	0	0	0	2	0	0	0	0	0	0	31	0.00	6.45	6.45	.456
	01-02	0	15	6	0	1	0	0	1	4	0	0	0	0	0	0	27	3.70	18.52	22.22	.398
	02-03	1	18	5	1	1	0	0	0	6	0	0	0	0	0	0	32	6.25	18.75	25.00	.390
	03-04	0	18	6	0	1	1	0	0	5	0	0	0	0	0	0	31	6.45	16.13	22.58	.397
	04-05	0	79	23	0	2	0	0	0	4	0	0	0	0	0	0	108	1.85	3.70	5.56	.474
	05-06	0	139	58	3	6	0	0	0	10	0	0	0	0	0	0	216	4.17	4.63	8.80	.468
	06-07	0	216	90	3	8	0	0	0	5	0	0	0	0	0	0	322	3.42	1.55	4.97	.489
	07-08	0	572	191	7	26	2	0	1	10	0	0	0	0	0	0	809	4.33	1.36	5.69	.490
	08-09	0	378	164	1	20	4	0	2	9	0	0	0	0	0	0	578	4.33	1.90	6.23	.485
	09-10	0	309	134	3	30	0	0	1	12	0	0	0	0	0	0	489	6.75	2.66	9.41	.481
	Day	1	1767	683	18	95	7	0	5	67	0	0	0	0	0	0	2643	4.54	2.72	7.26	.480
	ST Count	47	10863	4332	110	658	91	5	88	457	1	3	0	1	0	1	16657	5.19	3.30	8.49	.476

Kentucky Transportation Cabinet

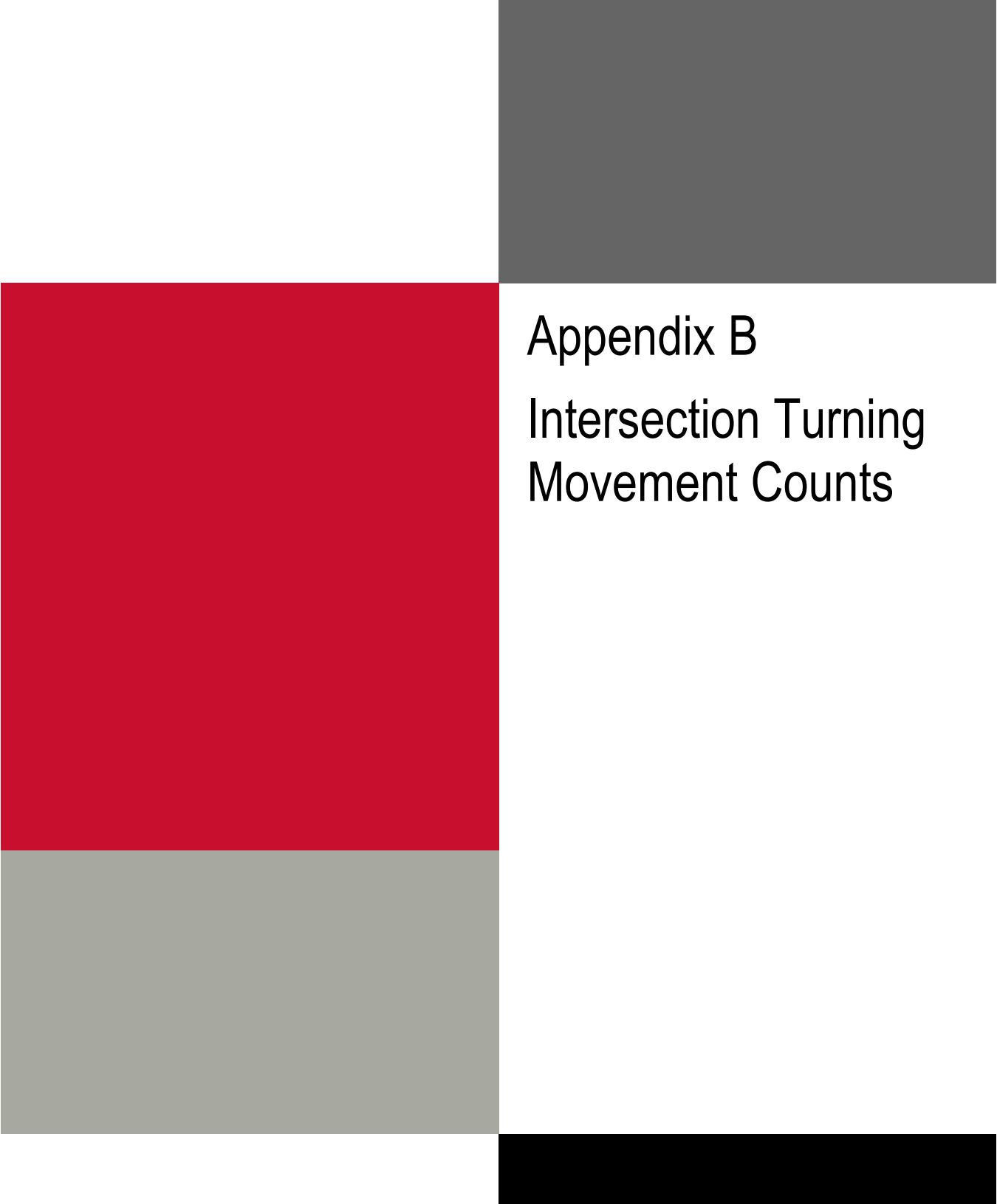
Neg Detail Daily Class Distribution Beginning 04/22/2019

Site names: 100D04
 County: Pulaski
 Funct Class: U Minor Arterial
 Location: 100-KY-0090 -000 @ 3.808 From: KY 790 To: US 27

Seasonal Factor Grp: 3
 Daily Factor Grp: 3
 Axle Factor Grp: 16
 Growth Factor Grp: 16

		MC	CAR	PU	BUS	2D	SU 3	SU 4+	ST 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+	NA	UNCLS	TOTAL	% SU	% MU	% TRK	AXL
04/22	10-11	1	211	130	3	37	5	0	4	26	0	0	0	0	0	0	417	10.79	7.19	17.99	.451
	11-12	6	260	136	3	27	3	1	10	12	0	0	0	1	0	0	459	7.41	5.01	12.42	.467
	12-13	12	348	141	5	27	5	0	5	14	0	0	0	0	0	0	557	6.64	3.41	10.05	.476
	13-14	14	341	138	4	19	4	0	4	13	0	0	0	0	0	0	537	5.03	3.17	8.19	.478
	14-15	13	363	155	2	20	6	0	3	11	0	0	0	0	0	0	573	4.89	2.44	7.33	.481
	15-16	16	533	167	7	33	4	0	3	8	1	0	0	0	0	0	772	5.70	1.55	7.25	.488
	16-17	7	516	160	1	31	1	0	4	5	0	0	0	0	0	0	725	4.55	1.24	5.79	.492
	17-18	9	533	192	6	25	5	0	1	2	0	0	0	1	0	0	774	4.65	0.52	5.17	.494
	18-19	8	316	136	0	12	1	0	3	7	0	0	0	0	0	0	483	2.69	2.07	4.76	.486
	19-20	9	283	107	2	9	2	0	3	5	0	0	0	0	0	0	420	3.10	1.90	5.00	.487
	20-21	7	258	107	2	13	2	0	2	8	0	0	0	0	0	0	399	4.26	2.51	6.77	.482
	21-22	2	213	74	3	8	3	0	1	3	0	0	0	0	0	0	307	4.56	1.30	5.86	.489
	22-23	0	118	29	1	4	1	0	0	4	0	0	0	0	0	0	157	3.82	2.55	6.37	.480
	23-24	0	59	16	1	4	0	0	0	2	0	0	0	0	0	0	82	6.10	2.44	8.54	.482
	Day	104	4352	1688	40	269	42	1	43	120	1	0	0	2	0	0	6662	5.28	2.49	7.78	.482
	ST Count	249	10437	4426	103	736	110	6	103	386	3	2	1	2	0	0	16564	5.77	3.00	8.77	.478
04/23	00-01	0	30	11	0	3	0	0	0	2	0	0	0	0	0	0	46	6.52	4.35	10.87	.469
	01-02	0	19	7	0	2	0	0	0	2	0	0	0	0	0	0	30	6.67	6.67	13.33	.455
	02-03	0	30	6	0	2	0	0	0	2	0	0	0	0	0	0	40	5.00	5.00	10.00	.465
	03-04	0	17	6	0	1	0	0	0	6	0	0	0	0	0	0	30	3.33	20.00	23.33	.385
	04-05	3	18	10	2	4	1	0	1	8	0	0	0	0	0	0	47	14.89	19.15	34.04	.389
	05-06	0	42	25	2	5	1	0	1	4	0	0	0	0	0	0	80	10.00	6.25	16.25	.458
	06-07	1	89	54	9	21	1	0	2	7	0	1	0	0	0	0	185	16.76	5.41	22.16	.464
	07-08	6	231	118	2	25	0	1	4	5	0	0	0	0	0	0	392	7.14	2.30	9.44	.485
	08-09	5	215	130	0	30	3	1	4	15	0	0	0	0	0	0	403	8.44	4.71	13.15	.467
	09-10	4	192	155	7	25	8	0	9	18	1	0	0	0	0	0	419	9.55	6.68	16.23	.455
	10-11	0	229	129	1	21	4	0	1	17	0	0	0	0	0	0	402	6.47	4.48	10.95	.467
	11-12	17	260	166	2	26	4	0	1	8	0	0	0	0	0	0	484	6.61	1.86	8.47	.485
	12-13	16	307	146	4	18	6	1	2	18	0	0	0	0	0	0	518	5.60	3.86	9.46	.470
	13-14	15	365	164	3	19	3	1	4	13	0	0	0	0	0	0	587	4.43	2.90	7.33	.479
	14-15	12	361	137	2	27	5	0	2	18	1	0	0	0	0	0	565	6.02	3.72	9.73	.472
	15-16	11	531	165	5	21	3	0	4	12	0	0	0	0	0	0	752	3.86	2.13	5.98	.485
	16-17	8	540	170	2	24	4	1	1	6	0	0	0	0	0	0	756	4.10	0.93	5.03	.491
	17-18	11	496	191	1	23	8	0	3	7	0	0	0	0	0	0	740	4.32	1.35	5.68	.489

		MC	CAR	PU	BUS	2D	SU 3	SU 4+	ST 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+	NA	UNCLS	TOTAL	% SU	% MU	% TRK	AXL
04/23	18-19	7	328	124	1	20	0	0	3	3	0	0	0	0	0	0	486	4.32	1.23	5.56	.493
	19-20	6	291	109	1	11	1	0	2	8	0	0	0	0	0	0	429	3.03	2.33	5.36	.484
	20-21	1	247	93	0	10	0	0	1	8	0	0	0	0	0	0	360	2.78	2.50	5.28	.483
	21-22	3	166	57	1	12	1	0	1	6	0	0	0	0	0	0	247	5.67	2.83	8.50	.480
	22-23	0	118	29	1	3	2	0	0	6	0	0	0	0	0	0	159	3.77	3.77	7.55	.470
	23-24	0	60	22	0	5	2	0	0	3	0	0	0	0	0	0	92	7.61	3.26	10.87	.472
	Day	126	5182	2224	46	358	57	5	46	202	2	1	0	0	0	0	8249	5.65	3.04	8.69	.478
	ST Count	249	10437	4426	103	736	110	6	103	386	3	2	1	2	0	0	16564	5.77	3.00	8.77	.478
04/24	00-01	0	33	6	1	0	0	0	1	0	0	0	0	0	0	0	41	2.44	2.44	4.88	.489
	01-02	1	14	9	0	1	1	0	0	2	0	0	0	0	0	0	28	7.14	7.14	14.29	.444
	02-03	0	19	8	0	0	0	0	0	6	0	0	0	0	0	0	33	0.00	18.18	18.18	.393
	03-04	1	15	4	0	3	0	0	0	2	0	0	0	0	0	0	25	12.00	8.00	20.00	.446
	04-05	0	25	8	1	0	0	0	0	3	0	0	0	0	0	0	37	2.70	8.11	10.81	.446
	05-06	3	54	26	2	4	1	0	2	5	0	1	1	0	0	0	99	7.07	9.09	16.16	.441
	06-07	5	84	58	7	13	0	0	1	6	0	0	0	0	0	0	174	11.49	4.02	15.52	.473
	07-08	3	251	101	1	23	5	0	2	10	0	0	0	0	0	0	396	7.32	3.03	10.35	.477
	08-09	0	208	132	4	32	1	0	4	16	0	0	0	0	0	0	397	9.32	5.04	14.36	.467
	09-10	6	200	162	1	33	3	0	4	14	0	0	0	0	0	0	423	8.75	4.26	13.00	.471
	Day	19	903	514	17	109	11	0	14	64	0	1	1	0	0	0	1653	8.29	4.84	13.13	.467
	ST Count	249	10437	4426	103	736	110	6	103	386	3	2	1	2	0	0	16564	5.77	3.00	8.77	.478

A decorative graphic consisting of four overlapping rectangles: a large red rectangle on the left, a dark gray rectangle at the top right, a light gray rectangle at the bottom left, and a black rectangle at the bottom right.

Appendix B

Intersection Turning Movement Counts



Cummins Consulting Services, LLC

swcummins@ccsdata.com 859-361-2589

"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 1_KY90_at_Koger_03302022

Site Code : Site 1

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

Start Time	From North					KY90 From East					Koger Road From South					KY90 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 AM	0	0	0	0	0	5	58	0	0	63	1	0	1	0	2	0	81	1	0	82	147
07:15 AM	0	0	0	0	0	1	53	0	0	54	1	0	9	0	10	0	97	0	0	97	161
07:30 AM	0	0	0	0	0	3	69	0	0	72	1	0	9	0	10	0	127	0	0	127	209
07:45 AM	0	0	0	0	0	3	67	0	0	70	1	0	10	0	11	0	94	3	0	97	178
Total	0	0	0	0	0	12	247	0	0	259	4	0	29	0	33	0	399	4	0	403	695
08:00 AM	0	0	0	0	0	4	62	0	0	66	1	0	10	0	11	0	93	1	0	94	171
08:15 AM	0	0	0	0	0	2	59	0	0	61	0	0	3	0	3	0	102	2	0	104	168
08:30 AM	0	0	0	0	0	4	46	0	0	50	0	0	8	0	8	0	81	0	0	81	139
08:45 AM	0	0	0	0	0	1	39	0	0	40	0	0	2	0	2	0	72	2	0	74	116
Total	0	0	0	0	0	11	206	0	0	217	1	0	23	0	24	0	348	5	0	353	594
04:00 PM	0	0	0	0	0	4	86	0	0	90	1	0	11	0	12	0	81	0	0	81	183
04:15 PM	0	0	0	0	0	4	112	0	0	116	1	0	2	0	3	0	88	1	0	89	208
04:30 PM	0	0	0	0	0	7	116	0	0	123	2	0	7	0	9	0	78	0	0	78	210
04:45 PM	0	0	0	0	0	13	117	0	0	130	1	0	4	0	5	0	86	1	0	87	222
Total	0	0	0	0	0	28	431	0	0	459	5	0	24	0	29	0	333	2	0	335	823
05:00 PM	0	0	0	0	0	6	111	0	0	117	0	0	0	0	0	0	72	0	0	72	189
05:15 PM	0	0	0	0	0	7	138	0	0	145	1	0	6	0	7	0	81	1	0	82	234
05:30 PM	0	0	0	0	0	7	129	0	0	136	0	0	5	0	5	0	85	1	0	86	227
05:45 PM	0	0	0	0	0	8	85	0	0	93	2	0	5	0	7	0	68	2	0	70	170
Total	0	0	0	0	0	28	463	0	0	491	3	0	16	0	19	0	306	4	0	310	820
Grand Total	0	0	0	0	0	79	1347	0	0	1426	13	0	92	0	105	0	1386	15	0	1401	2932
Apprch %	0	0	0	0		5.5	94.5	0	0		12.4	0	87.6	0		0	98.9	1.1	0		
Total %	0	0	0	0	0	2.7	45.9	0	0	48.6	0.4	0	3.1	0	3.6	0	47.3	0.5	0	47.8	
Cars	0	0	0	0	0	77	1264	0	0	1341	13	0	92	0	105	0	1315	15	0	1330	2776
% Cars	0	0	0	0	0	97.5	93.8	0	0	94	100	0	100	0	100	0	94.9	100	0	94.9	94.7
Buses	0	0	0	0	0	2	5	0	0	7	0	0	0	0	0	0	2	0	0	2	9
% Buses	0	0	0	0	0	2.5	0.4	0	0	0.5	0	0	0	0	0	0	0.1	0	0	0.1	0.3
Trucks	0	0	0	0	0	0	78	0	0	78	0	0	0	0	0	0	69	0	0	69	147
% Trucks	0	0	0	0	0	0	5.8	0	0	5.5	0	0	0	0	0	0	5	0	0	4.9	5



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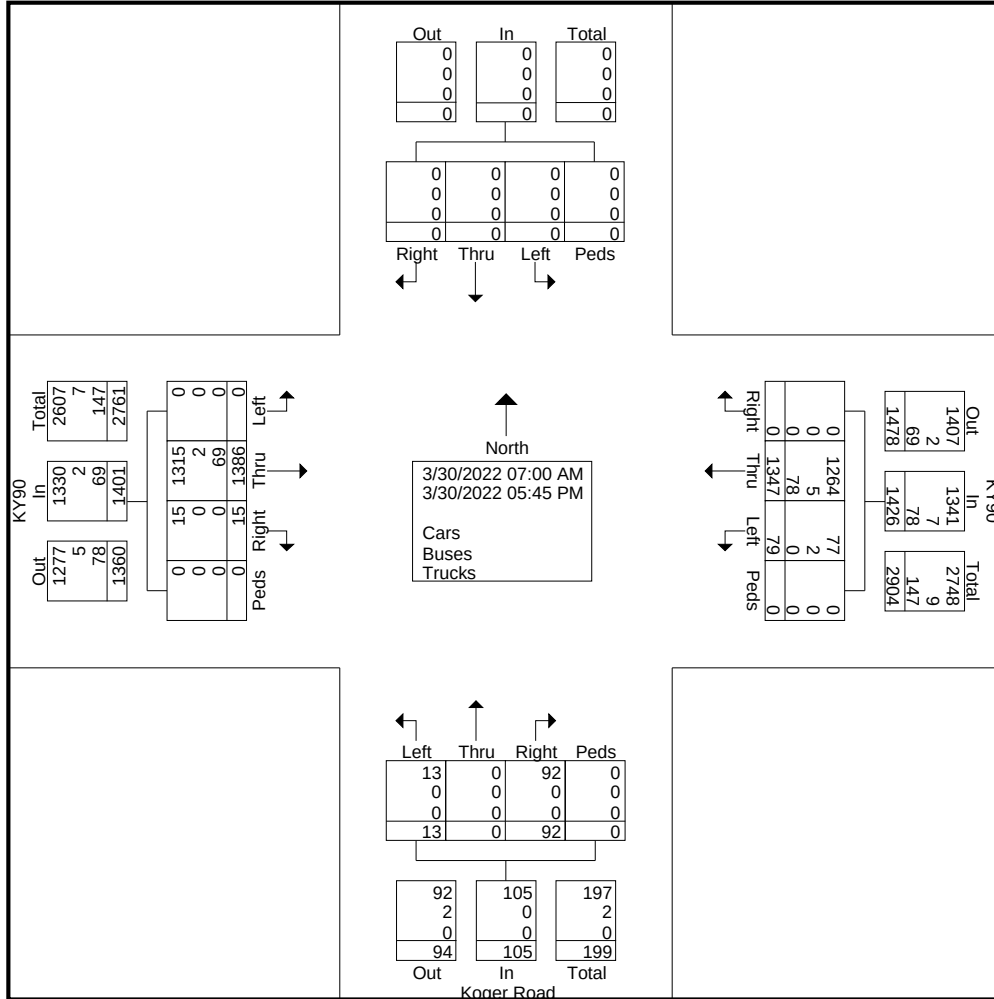
"2022 ... Data Collection simplified"

File Name : 1_KY90_at_Koger_03302022

Site Code : Site 1

Start Date : 3/30/2022

Page No : 2





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"2022 ... Data Collection simplified"

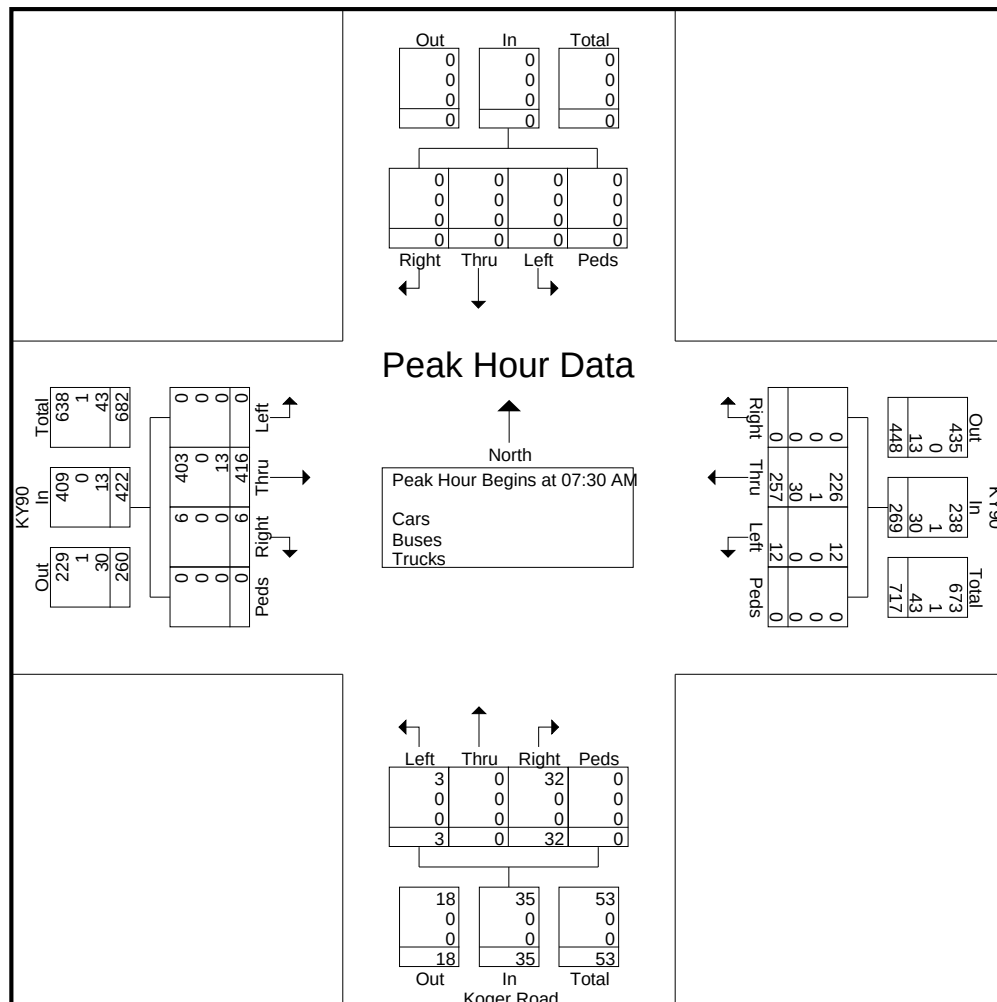
File Name : 1_KY90_at_Koger_03302022

Site Code : Site 1

Start Date : 3/30/2022

Page No : 3

	From North					KY90 From East					Koger Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	0	0	0	3	69	0	0	72	1	0	9	0	10	0	127	0	0	127	209
07:45 AM	0	0	0	0	0	3	67	0	0	70	1	0	10	0	11	0	94	3	0	97	178
08:00 AM	0	0	0	0	0	4	62	0	0	66	1	0	10	0	11	0	93	1	0	94	171
08:15 AM	0	0	0	0	0	2	59	0	0	61	0	0	3	0	3	0	102	2	0	104	168
Total Volume	0	0	0	0	0	12	257	0	0	269	3	0	32	0	35	0	416	6	0	422	726
% App. Total	0	0	0	0	0	4.5	95.5	0	0	0	8.6	0	91.4	0	0	0	98.6	1.4	0	0	0
PHF	.000	.000	.000	.000	.000	.750	.931	.000	.000	.934	.750	.000	.800	.000	.795	.000	.819	.500	.000	.831	.868
Cars	0	0	0	0	0	12	226	0	0	238	3	0	32	0	35	0	403	6	0	409	682
% Cars	0	0	0	0	0	100	87.9	0	0	88.5	100	0	100	0	100	0	96.9	100	0	96.9	93.9
Buses	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
% Buses	0	0	0	0	0	0	0.4	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0.1
Trucks	0	0	0	0	0	0	30	0	0	30	0	0	0	0	0	0	13	0	0	13	43
% Trucks	0	0	0	0	0	0	11.7	0	0	11.2	0	0	0	0	0	0	3.1	0	0	3.1	5.9





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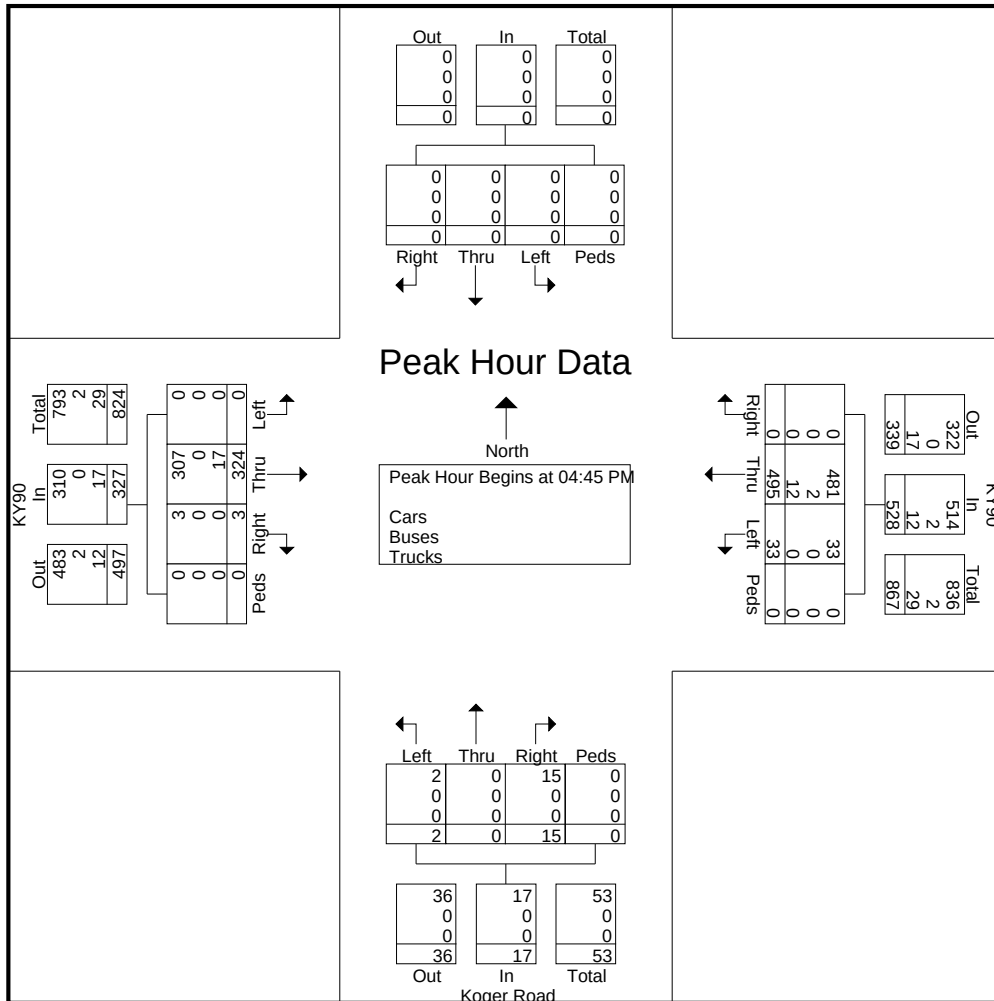
File Name : 1_KY90_at_Koger_03302022

Site Code : Site 1

Start Date : 3/30/2022

Page No : 4

	From North					KY90 From East					Koger Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	0	0	0	0	13	117	0	0	130	1	0	4	0	5	0	86	1	0	87	222
05:00 PM	0	0	0	0	0	6	111	0	0	117	0	0	0	0	0	0	72	0	0	72	189
05:15 PM	0	0	0	0	0	7	138	0	0	145	1	0	6	0	7	0	81	1	0	82	234
05:30 PM	0	0	0	0	0	7	129	0	0	136	0	0	5	0	5	0	85	1	0	86	227
Total Volume	0	0	0	0	0	33	495	0	0	528	2	0	15	0	17	0	324	3	0	327	872
% App. Total	0	0	0	0	0	6.2	93.8	0	0	0	11.8	0	88.2	0	0	0	99.1	0.9	0	0	0
PHF	.000	.000	.000	.000	.000	.635	.897	.000	.000	.910	.500	.000	.625	.000	.607	.000	.942	.750	.000	.940	.932
Cars	0	0	0	0	0	33	481	0	0	514	2	0	15	0	17	0	307	3	0	310	841
% Cars	0	0	0	0	0	100	97.2	0	0	97.3	100	0	100	0	100	0	94.8	100	0	94.8	96.4
Buses	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
% Buses	0	0	0	0	0	0	0.4	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0.2
Trucks	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	17	0	0	17	29
% Trucks	0	0	0	0	0	0	2.4	0	0	2.3	0	0	0	0	0	0	5.2	0	0	5.2	3.3





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"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 2_KY90_at_Sycamore_03302022

Site Code : Site 2

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

Start Time	From North					KY90 From East					Sycamore Road From South					KY90 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 AM	0	0	0	0	0	2	66	0	0	68	0	0	9	0	9	0	85	0	0	85	162
07:15 AM	0	0	0	0	0	0	49	0	0	49	0	0	5	0	5	0	113	1	0	114	168
07:30 AM	0	0	0	0	0	3	73	0	0	76	1	0	8	0	9	0	139	1	0	140	225
07:45 AM	0	0	0	0	0	2	70	0	0	72	2	0	6	0	8	0	96	0	0	96	176
Total	0	0	0	0	0	7	258	0	0	265	3	0	28	0	31	0	433	2	0	435	731
08:00 AM	0	0	0	0	0	1	67	0	0	68	0	0	3	0	3	0	110	0	0	110	181
08:15 AM	0	0	0	0	0	3	62	0	0	65	0	0	1	0	1	0	94	0	0	94	160
08:30 AM	0	0	0	0	0	1	46	0	0	47	0	0	1	0	1	0	99	0	0	99	147
08:45 AM	0	0	0	0	0	4	41	0	0	45	1	0	5	0	6	0	70	0	0	70	121
Total	0	0	0	0	0	9	216	0	0	225	1	0	10	0	11	0	373	0	0	373	609
04:00 PM	0	0	0	0	0	2	91	0	0	93	0	0	2	0	2	0	92	1	0	93	188
04:15 PM	0	0	0	0	0	2	115	0	0	117	1	0	2	0	3	0	84	0	0	84	204
04:30 PM	0	0	0	0	0	7	130	0	0	137	1	0	2	0	3	0	85	1	0	86	226
04:45 PM	0	0	0	0	0	5	119	0	0	124	1	0	4	0	5	0	92	1	0	93	222
Total	0	0	0	0	0	16	455	0	0	471	3	0	10	0	13	0	353	3	0	356	840
05:00 PM	0	0	0	0	0	6	125	0	0	131	0	0	5	0	5	0	64	0	0	64	200
05:15 PM	0	0	0	0	0	8	145	0	0	153	1	0	4	0	5	0	100	0	0	100	258
05:30 PM	0	0	0	0	0	8	134	0	0	142	0	0	6	0	6	0	78	1	0	79	227
05:45 PM	0	0	0	0	0	7	95	0	0	102	0	0	4	0	4	0	69	1	0	70	176
Total	0	0	0	0	0	29	499	0	0	528	1	0	19	0	20	0	311	2	0	313	861
Grand Total	0	0	0	0	0	61	1428	0	0	1489	8	0	67	0	75	0	1470	7	0	1477	3041
Apprch %	0	0	0	0		4.1	95.9	0	0		10.7	0	89.3	0		0	99.5	0.5	0		
Total %	0	0	0	0	0	2	47	0	0	49	0.3	0	2.2	0	2.5	0	48.3	0.2	0	48.6	
Cars	0	0	0	0	0	60	1346	0	0	1406	8	0	63	0	71	0	1401	7	0	1408	2885
% Cars	0	0	0	0	0	98.4	94.3	0	0	94.4	100	0	94	0	94.7	0	95.3	100	0	95.3	94.9
Buses	0	0	0	0	0	0	6	0	0	6	0	0	3	0	3	0	1	0	0	1	10
% Buses	0	0	0	0	0	0	0.4	0	0	0.4	0	0	4.5	0	4	0	0.1	0	0	0.1	0.3
Trucks	0	0	0	0	0	1	76	0	0	77	0	0	1	0	1	0	68	0	0	68	146
% Trucks	0	0	0	0	0	1.6	5.3	0	0	5.2	0	0	1.5	0	1.3	0	4.6	0	0	4.6	4.8



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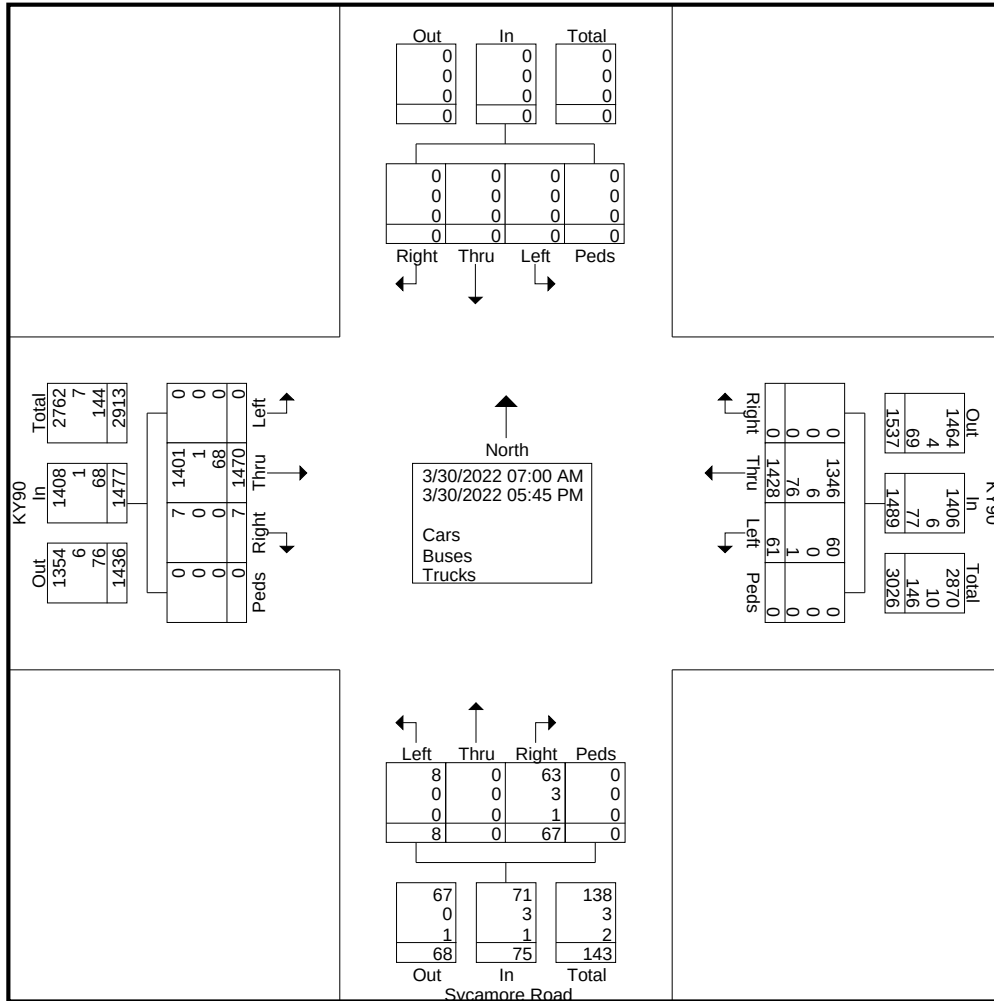
"2022 ... Data Collection simplified"

File Name : 2_KY90_at_Sycamore_03302022

Site Code : Site 2

Start Date : 3/30/2022

Page No : 2





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"2022 ... Data Collection simplified"

File Name : 2_KY90_at_Sycamore_03302022

Site Code : Site 2

Start Date : 3/30/2022

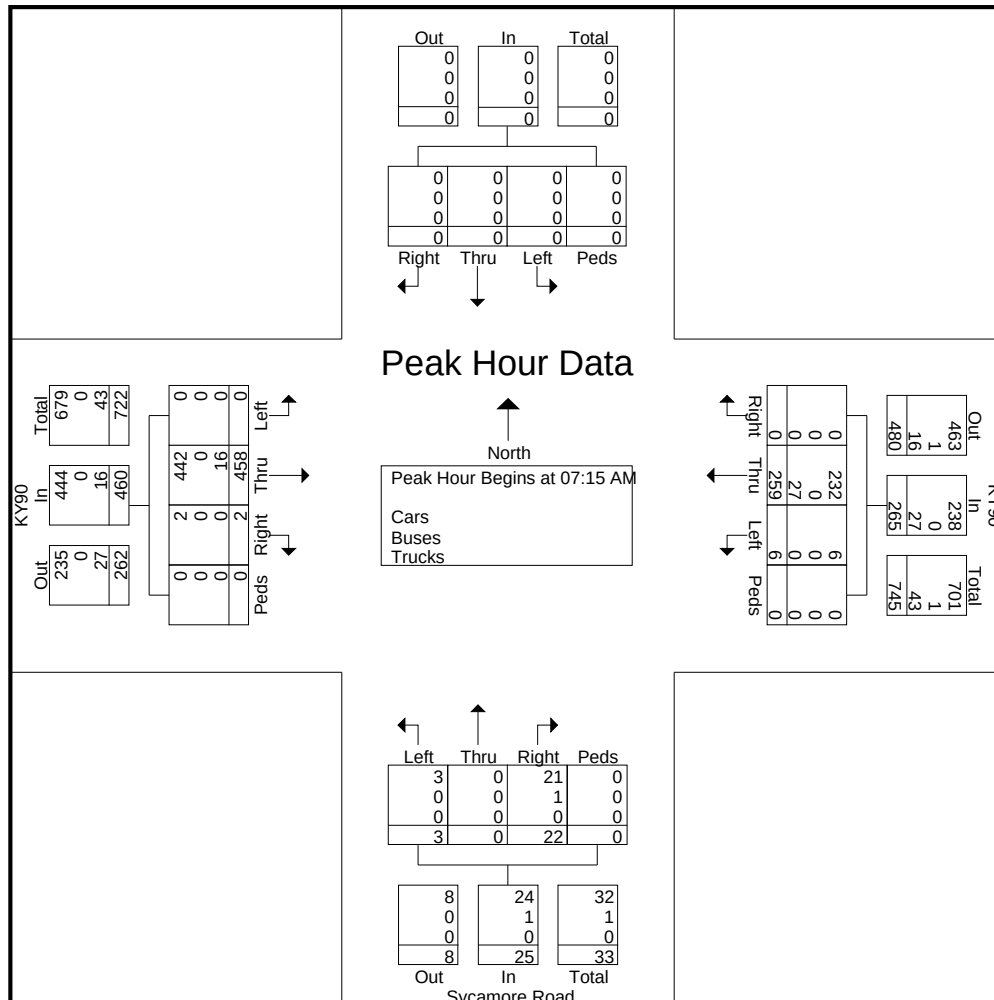
Page No : 3

	From North					KY90 From East					Sycamore Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total

Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:15 AM

07:15 AM	0	0	0	0	0	0	49	0	0	49	0	0	5	0	5	0	113	1	0	114	168
07:30 AM	0	0	0	0	0	3	73	0	0	76	1	0	8	0	9	0	139	1	0	140	225
07:45 AM	0	0	0	0	0	2	70	0	0	72	2	0	6	0	8	0	96	0	0	96	176
08:00 AM	0	0	0	0	0	1	67	0	0	68	0	0	3	0	3	0	110	0	0	110	181
Total Volume	0	0	0	0	0	6	259	0	0	265	3	0	22	0	25	0	458	2	0	460	750
% App. Total	0	0	0	0	0	2.3	97.7	0	0	0	12	0	88	0	0	0	99.6	0.4	0	0	0
PHF	.000	.000	.000	.000	.000	.500	.887	.000	.000	.872	.375	.000	.688	.000	.694	.000	.824	.500	.000	.821	.833
Cars	0	0	0	0	0	6	232	0	0	238	3	0	21	0	24	0	442	2	0	444	706
% Cars	0	0	0	0	0	100	89.6	0	0	89.8	100	0	95.5	0	96.0	0	96.5	100	0	96.5	94.1
Buses	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	4.0	0	0	0	0	0	0.1
Trucks	0	0	0	0	0	0	27	0	0	27	0	0	0	0	0	0	16	0	0	16	43
% Trucks	0	0	0	0	0	0	10.4	0	0	10.2	0	0	0	0	0	0	3.5	0	0	3.5	5.7





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"2022 ... Data Collection simplified"

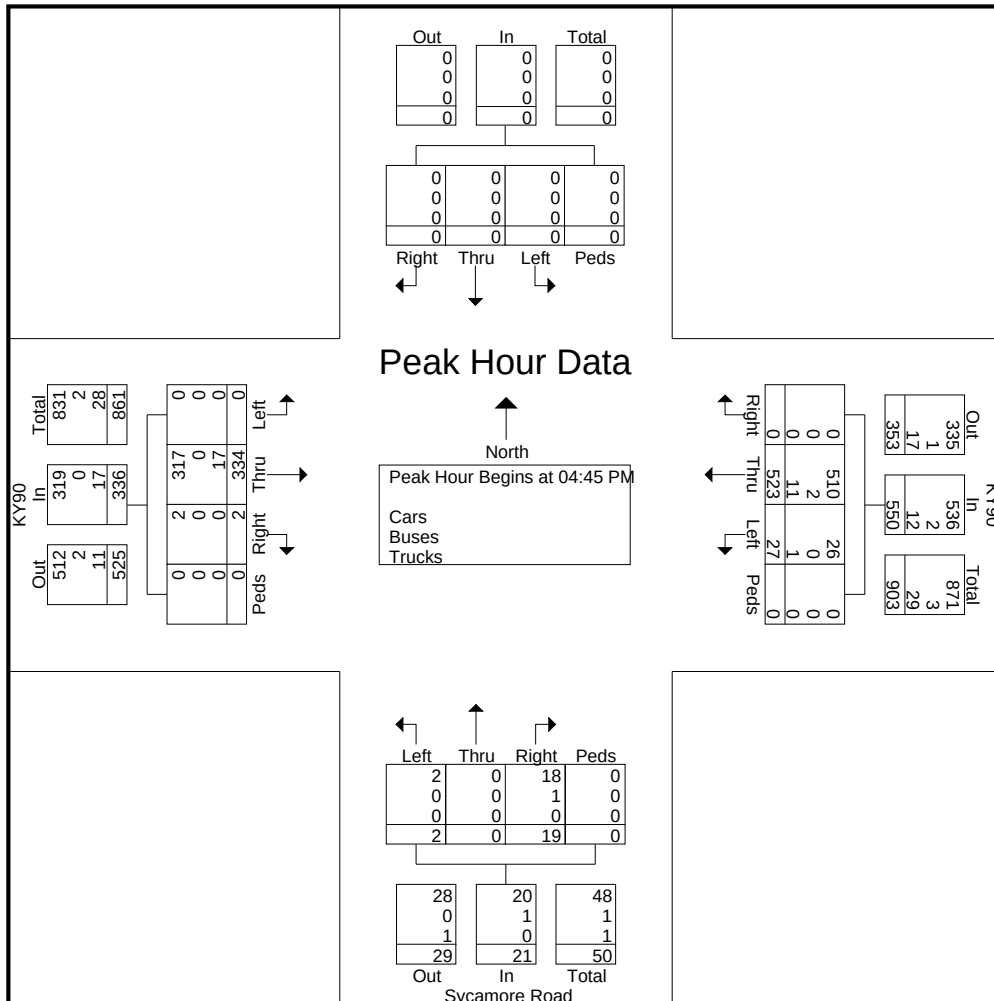
File Name : 2_KY90_at_Sycamore_03302022

Site Code : Site 2

Start Date : 3/30/2022

Page No : 4

	From North					KY90 From East					Sycamore Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	0	0	0	0	5	119	0	0	124	1	0	4	0	5	0	92	1	0	93	222
05:00 PM	0	0	0	0	0	6	125	0	0	131	0	0	5	0	5	0	64	0	0	64	200
05:15 PM	0	0	0	0	0	8	145	0	0	153	1	0	4	0	5	0	100	0	0	100	258
05:30 PM	0	0	0	0	0	8	134	0	0	142	0	0	6	0	6	0	78	1	0	79	227
Total Volume	0	0	0	0	0	27	523	0	0	550	2	0	19	0	21	0	334	2	0	336	907
% App. Total	0	0	0	0	0	4.9	95.1	0	0	0	9.5	0	90.5	0	0	0	99.4	0.6	0	0	0
PHF	.000	.000	.000	.000	.000	.844	.902	.000	.000	.899	.500	.000	.792	.000	.875	.000	.835	.500	.000	.840	.879
Cars	0	0	0	0	0	26	510	0	0	536	2	0	18	0	20	0	317	2	0	319	875
% Cars	0	0	0	0	0	96.3	97.5	0	0	97.5	100	0	94.7	0	95.2	0	94.9	100	0	94.9	96.5
Buses	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	3
% Buses	0	0	0	0	0	0	0.4	0	0	0.4	0	0	5.3	0	4.8	0	0	0	0	0	0.3
Trucks	0	0	0	0	0	1	11	0	0	12	0	0	0	0	0	0	17	0	0	17	29
% Trucks	0	0	0	0	0	3.7	2.1	0	0	2.2	0	0	0	0	0	0	5.1	0	0	5.1	3.2





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"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 3_KY90_at_Jacksboro-Old-KY90_03302022

Site Code : Site 3

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

	Old KY90 Road From North					KY90 From East					Jacksboro Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	65	0	0	65	0	0	0	0	0	0	97	1	0	98	163
07:15 AM	0	0	1	0	1	0	57	1	0	58	0	0	2	0	2	0	120	1	0	121	182
07:30 AM	0	0	1	0	1	1	74	0	0	75	2	0	1	0	3	0	149	0	0	149	228
07:45 AM	0	0	0	0	0	0	73	0	0	73	1	0	0	0	1	0	103	0	0	103	177
Total	0	0	2	0	2	1	269	1	0	271	3	0	3	0	6	0	469	2	0	471	750
08:00 AM	1	0	1	0	2	0	72	1	0	73	0	0	4	0	4	0	119	0	0	119	198
08:15 AM	1	0	3	0	4	1	63	0	0	64	1	0	0	0	1	2	88	1	0	91	160
08:30 AM	0	1	2	0	3	1	46	0	0	47	3	0	0	0	3	1	96	2	0	99	152
08:45 AM	0	0	1	0	1	1	43	0	0	44	2	0	1	0	3	1	72	2	0	75	123
Total	2	1	7	0	10	3	224	1	0	228	6	0	5	0	11	4	375	5	0	384	633
04:00 PM	1	1	3	0	5	2	93	3	0	98	3	1	1	0	5	5	86	1	0	92	200
04:15 PM	0	0	3	0	3	0	107	1	0	108	0	0	3	0	3	1	87	3	0	91	205
04:30 PM	1	1	4	0	6	1	140	2	0	143	3	0	0	0	3	2	93	1	0	96	248
04:45 PM	0	1	5	0	6	2	115	0	0	117	0	0	0	0	0	1	90	0	0	91	214
Total	2	3	15	0	20	5	455	6	0	466	6	1	4	0	11	9	356	5	0	370	867
05:00 PM	2	1	5	0	8	1	134	0	0	135	2	0	1	0	3	4	74	2	0	80	226
05:15 PM	0	3	9	0	12	3	135	1	0	139	1	1	2	0	4	5	96	1	0	102	257
05:30 PM	0	1	5	0	6	1	141	2	0	144	1	0	1	0	2	6	84	4	0	94	246
05:45 PM	3	1	4	0	8	1	93	0	0	94	1	3	0	0	4	1	73	0	0	74	180
Total	5	6	23	0	34	6	503	3	0	512	5	4	4	0	13	16	327	7	0	350	909
Grand Total	9	10	47	0	66	15	1451	11	0	1477	20	5	16	0	41	29	1527	19	0	1575	3159
Apprch %	13.6	15.2	71.2	0		1	98.2	0.7	0		48.8	12.2	39	0		1.8	97	1.2	0		
Total %	0.3	0.3	1.5	0	2.1	0.5	45.9	0.3	0	46.8	0.6	0.2	0.5	0	1.3	0.9	48.3	0.6	0	49.9	
Cars	9	10	46	0	65	15	1376	11	0	1402	18	5	16	0	39	29	1455	18	0	1502	3008
% Cars	100	100	97.9	0	98.5	100	94.8	100	0	94.9	90	100	100	0	95.1	100	95.3	94.7	0	95.4	95.2
Buses	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	12
% Buses	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0.3	0	0	0.3	0.4
Trucks	0	0	1	0	1	0	68	0	0	68	2	0	0	0	2	0	67	1	0	68	139
% Trucks	0	0	2.1	0	1.5	0	4.7	0	0	4.6	10	0	0	0	4.9	0	4.4	5.3	0	4.3	4.4



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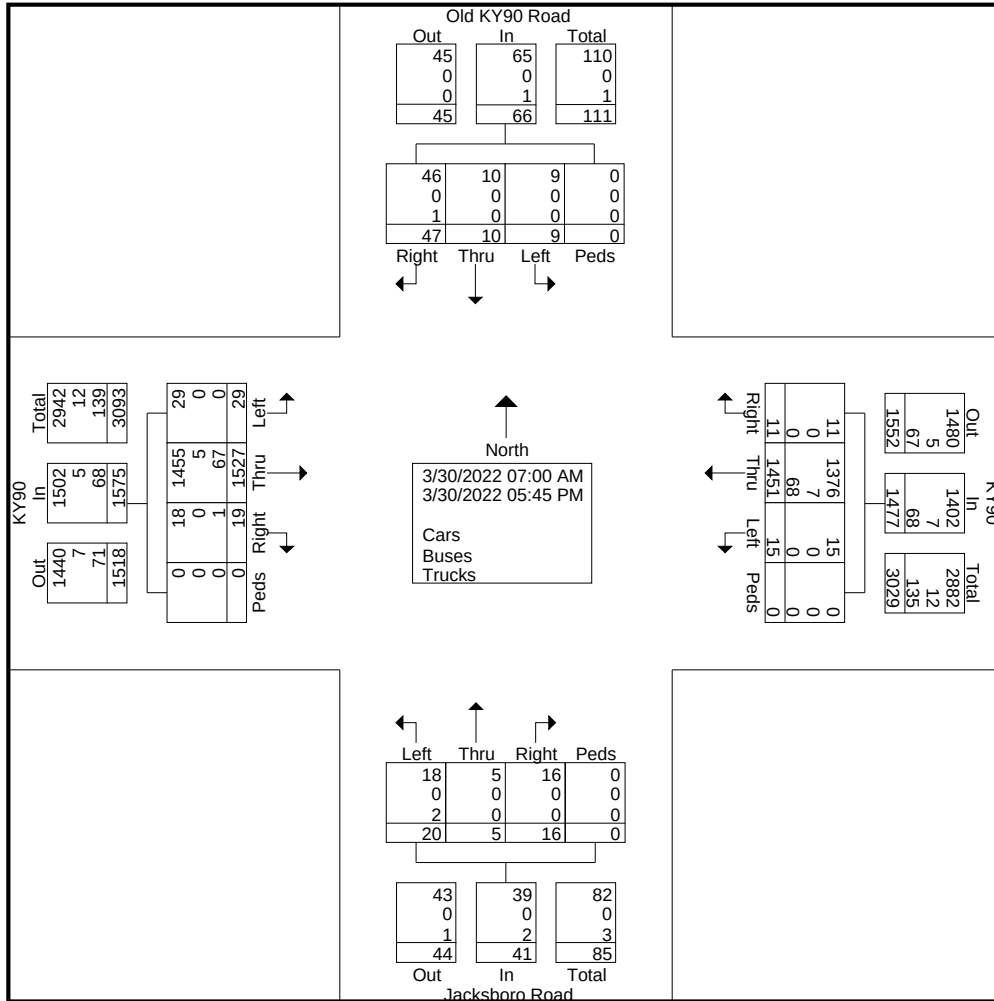
"2022 ... Data Collection simplified"

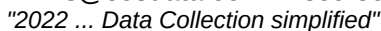
File Name : 3_KY90_at_Jacksboro-Old-KY90_03302022

Site Code : Site 3

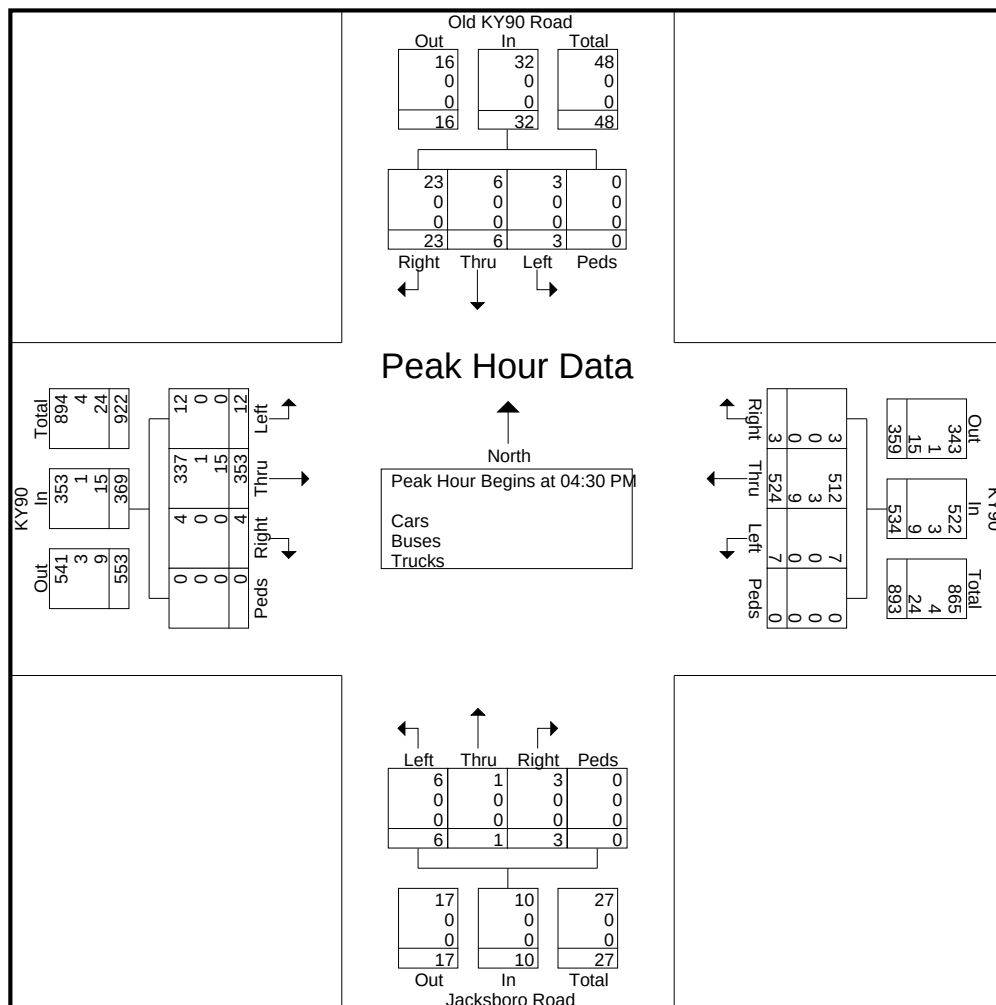
Start Date : 3/30/2022

Page No : 2





Page No : 4





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"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 4_KY90_at_Old-Bronston-School_03302022

Site Code : Site 4

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

Start Time	From North					KY90 From East					Old Bronston School Road From South					KY90 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 AM	0	0	0	0	0	0	65	0	0	65	0	0	5	0	5	0	95	0	0	95	165
07:15 AM	0	0	0	0	0	0	58	0	0	58	0	0	6	0	6	0	121	0	0	121	185
07:30 AM	0	0	0	0	0	5	79	0	0	84	0	0	4	0	4	0	155	0	0	155	243
07:45 AM	0	0	0	0	0	4	77	0	0	81	2	0	6	0	8	0	97	2	0	99	188
Total	0	0	0	0	0	9	279	0	0	288	2	0	21	0	23	0	468	2	0	470	781
08:00 AM	0	0	0	0	0	2	81	0	0	83	0	0	9	0	9	0	117	1	0	118	210
08:15 AM	0	0	0	0	0	2	68	0	0	70	0	0	2	0	2	0	97	0	0	97	169
08:30 AM	0	0	0	0	0	1	59	0	0	60	0	0	5	0	5	0	100	1	0	101	166
08:45 AM	0	0	0	0	0	1	49	0	0	50	1	0	5	0	6	0	85	0	0	85	141
Total	0	0	0	0	0	6	257	0	0	263	1	0	21	0	22	0	399	2	0	401	686
04:00 PM	0	0	0	0	0	6	102	0	0	108	0	0	4	0	4	0	101	0	0	101	213
04:15 PM	0	0	0	0	0	3	122	0	0	125	0	0	2	0	2	0	95	0	0	95	222
04:30 PM	0	0	0	0	0	2	157	0	0	159	0	0	2	0	2	0	106	0	0	106	267
04:45 PM	0	0	0	0	0	6	126	0	0	132	0	0	4	0	4	0	101	1	0	102	238
Total	0	0	0	0	0	17	507	0	0	524	0	0	12	0	12	0	403	1	0	404	940
05:00 PM	0	0	0	0	0	6	147	0	0	153	0	0	2	0	2	0	82	0	0	82	237
05:15 PM	0	0	0	0	0	2	151	0	0	153	0	0	3	0	3	0	109	0	0	109	265
05:30 PM	0	0	0	0	0	5	139	0	0	144	0	0	5	0	5	0	87	0	0	87	236
05:45 PM	0	0	0	0	0	1	97	0	0	98	0	0	4	0	4	0	82	0	0	82	184
Total	0	0	0	0	0	14	534	0	0	548	0	0	14	0	14	0	360	0	0	360	922
Grand Total	0	0	0	0	0	46	1577	0	0	1623	3	0	68	0	71	0	1630	5	0	1635	3329
Apprch %	0	0	0	0	0	2.8	97.2	0	0		4.2	0	95.8	0		0	99.7	0.3	0		
Total %	0	0	0	0	0	1.4	47.4	0	0	48.8	0.1	0	2	0	2.1	0	49	0.2	0	49.1	
Cars	0	0	0	0	0	46	1503	0	0	1549	3	0	67	0	70	0	1556	4	0	1560	3179
% Cars	0	0	0	0	0	100	95.3	0	0	95.4	100	0	98.5	0	98.6	0	95.5	80	0	95.4	95.5
Buses	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	12
% Buses	0	0	0	0	0	0	0.4	0	0	0.4	0	0	0	0	0	0	0.3	0	0	0.3	0.4
Trucks	0	0	0	0	0	0	67	0	0	67	0	0	1	0	1	0	69	1	0	70	138
% Trucks	0	0	0	0	0	0	4.2	0	0	4.1	0	0	1.5	0	1.4	0	4.2	20	0	4.3	4.1



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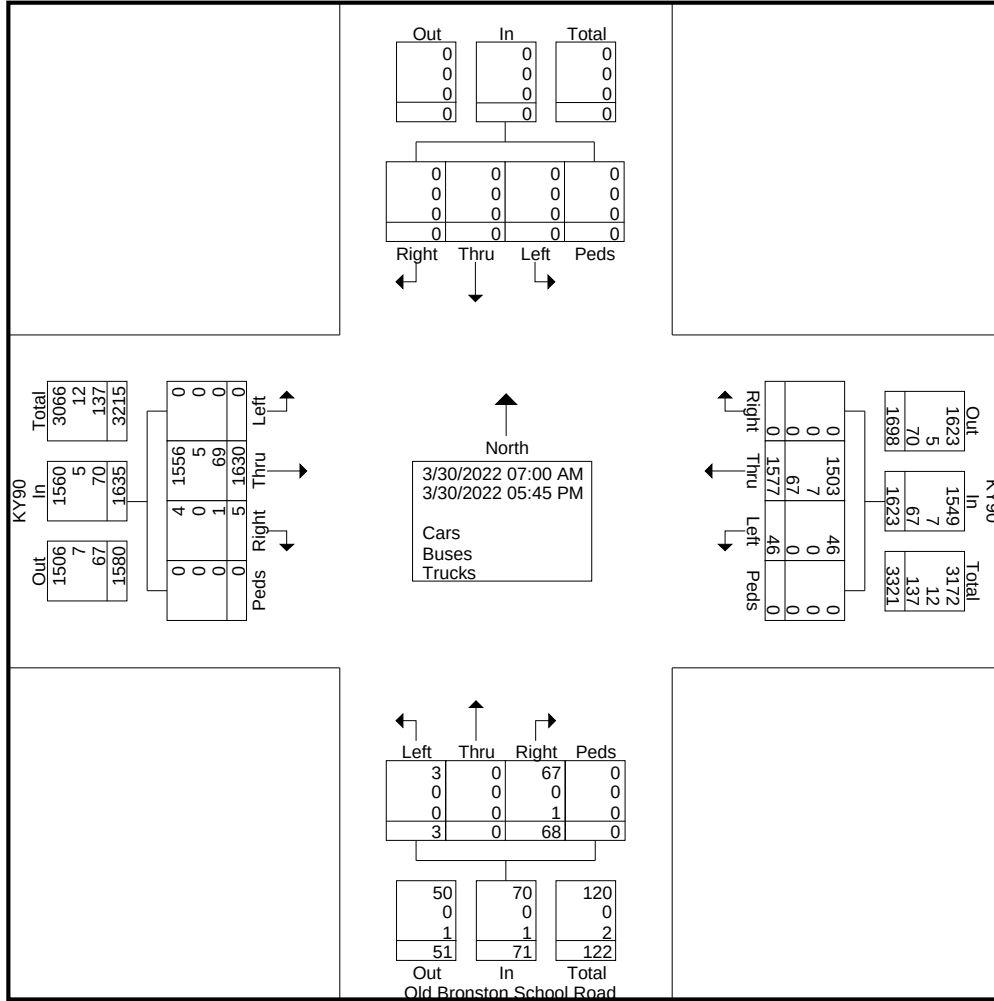
"2022 ... Data Collection simplified"

File Name : 4_KY90_at_Old-Bronston-School_03302022

Site Code : Site 4

Start Date : 3/30/2022

Page No : 2





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"2022 ... Data Collection simplified"

File Name : 4_KY90_at_Old-Bronston-School_03302022

Site Code : Site 4

Start Date : 3/30/2022

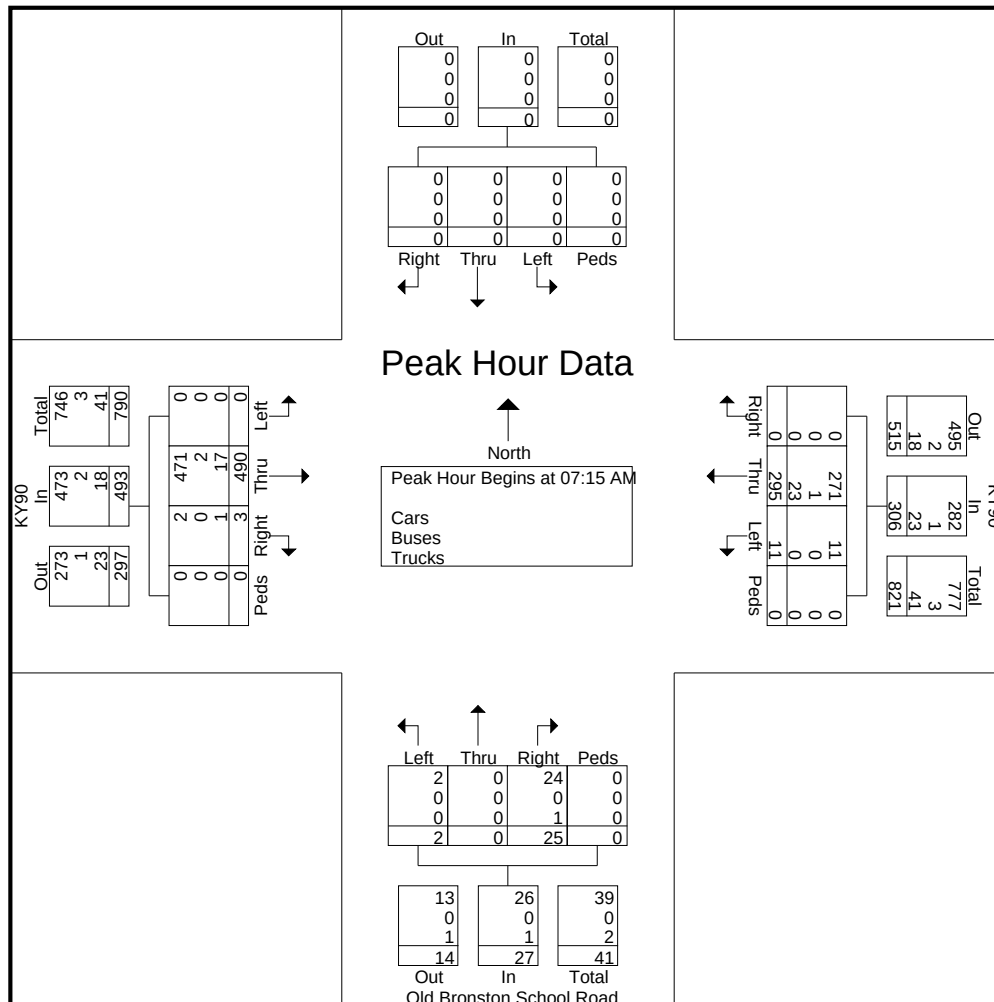
Page No : 3

	From North					KY90 From East					Old Bronston School Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total

Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:15 AM

07:15 AM	0	0	0	0	0	0	58	0	0	58	0	0	6	0	6	0	121	0	0	121	185
07:30 AM	0	0	0	0	0	5	79	0	0	84	0	0	4	0	4	0	155	0	0	155	243
07:45 AM	0	0	0	0	0	4	77	0	0	81	2	0	6	0	8	0	97	2	0	99	188
08:00 AM	0	0	0	0	0	2	81	0	0	83	0	0	9	0	9	0	117	1	0	118	210
Total Volume	0	0	0	0	0	11	295	0	0	306	2	0	25	0	27	0	490	3	0	493	826
% App. Total	0	0	0	0	0	3.6	96.4	0	0	0	7.4	0	92.6	0	0	0	99.4	0.6	0	0	0
PHF	.000	.000	.000	.000	.000	.550	.910	.000	.000	.911	.250	.000	.694	.000	.750	.000	.790	.375	.000	.795	.850
Cars	0	0	0	0	0	11	271	0	0	282	2	0	24	0	26	0	471	2	0	473	781
% Cars	0	0	0	0	0	100	91.9	0	0	92.2	100	0	96.0	0	96.3	0	96.1	66.7	0	95.9	94.6
Buses	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
% Buses	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0	0	0	0	0.4	0	0	0.4	0.4
Trucks	0	0	0	0	0	0	23	0	0	23	0	0	1	0	1	0	17	1	0	18	42
% Trucks	0	0	0	0	0	0	7.8	0	0	7.5	0	0	4.0	0	3.7	0	3.5	33.3	0	3.7	5.1





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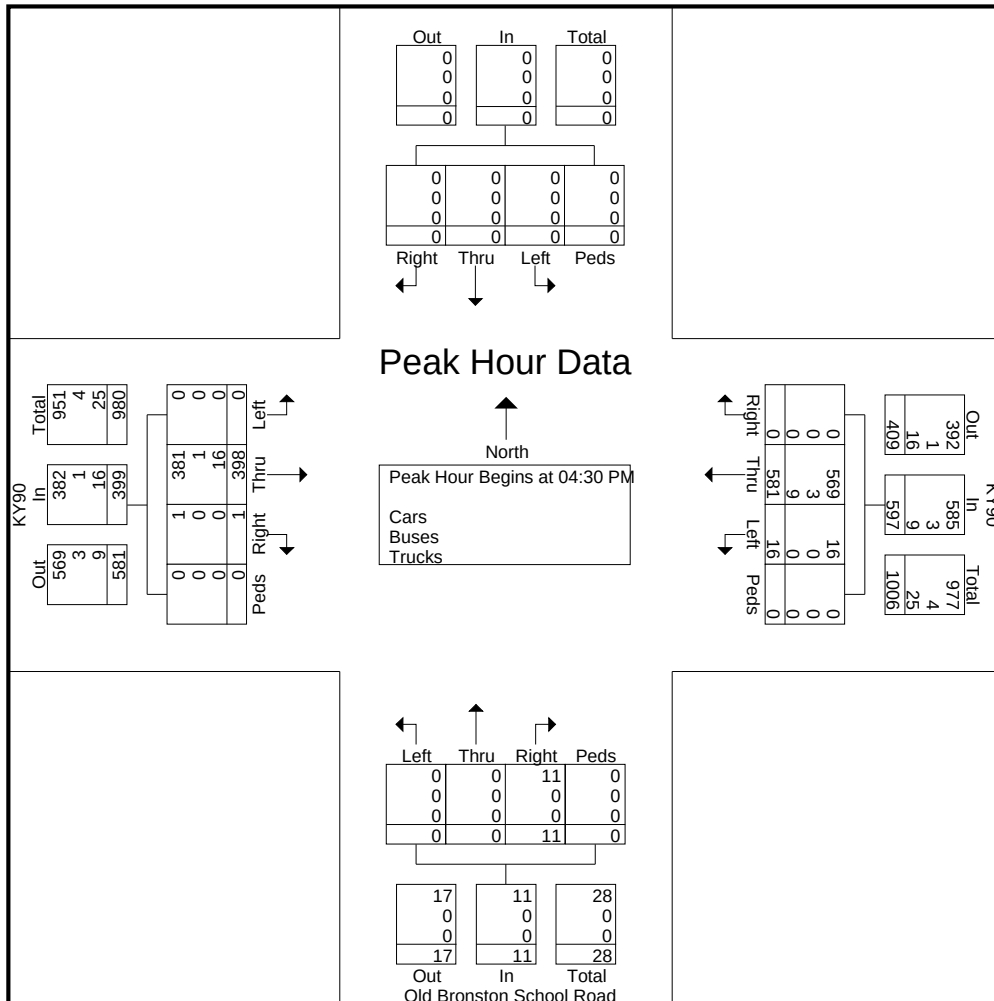
File Name : 4_KY90_at_Old-Bronston-School_03302022

Site Code : Site 4

Start Date : 3/30/2022

Page No : 4

	From North					KY90 From East					Old Bronston School Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	0	0	0	2	157	0	0	159	0	0	2	0	2	0	106	0	0	106	267
04:45 PM	0	0	0	0	0	6	126	0	0	132	0	0	4	0	4	0	101	1	0	102	238
05:00 PM	0	0	0	0	0	6	147	0	0	153	0	0	2	0	2	0	82	0	0	82	237
05:15 PM	0	0	0	0	0	2	151	0	0	153	0	0	3	0	3	0	109	0	0	109	265
Total Volume	0	0	0	0	0	16	581	0	0	597	0	0	11	0	11	0	398	1	0	399	1007
% App. Total	0	0	0	0	0	2.7	97.3	0	0	0	0	0	100	0	0	0	99.7	0.3	0	0	0
PHF	.000	.000	.000	.000	.000	.667	.925	.000	.000	.939	.000	.000	.688	.000	.688	.000	.913	.250	.000	.915	.943
Cars	0	0	0	0	0	16	569	0	0	585	0	0	11	0	11	0	381	1	0	382	978
% Cars	0	0	0	0	0	100	97.9	0	0	98.0	0	0	100	0	100	0	95.7	100	0	95.7	97.1
Buses	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
% Buses	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0.3	0	0	0.3	0.4
Trucks	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	16	0	0	16	25
% Trucks	0	0	0	0	0	0	1.5	0	0	1.5	0	0	0	0	0	0	4.0	0	0	4.0	2.5





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"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 5_KY90_at_Tucker-Old_KY90-Loop2_03302022

Site Code : Site 5

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

	Old KY90 Loop2 Road From North					KY90 From East					Tucker Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	5	0	0	0	5	0	64	0	0	64	0	1	1	0	2	0	106	0	0	106	177
07:15 AM	3	0	0	0	3	0	55	2	0	57	0	0	3	0	3	0	134	0	0	134	197
07:30 AM	10	0	0	0	10	1	94	1	0	96	0	0	6	0	6	0	158	0	0	158	270
07:45 AM	3	0	0	0	3	0	84	2	0	86	0	0	3	0	3	0	104	0	0	104	196
Total	21	0	0	0	21	1	297	5	0	303	0	1	13	0	14	0	502	0	0	502	840
08:00 AM	4	0	0	0	4	1	80	1	0	82	0	0	2	0	2	0	125	0	0	125	213
08:15 AM	3	0	0	0	3	2	74	0	0	76	0	0	1	0	1	0	93	1	0	94	174
08:30 AM	1	0	0	0	1	1	56	0	0	57	0	0	2	0	2	0	105	0	0	105	165
08:45 AM	0	0	1	0	1	0	54	1	1	56	0	0	2	0	2	0	85	0	0	85	144
Total	8	0	1	0	9	4	264	2	1	271	0	0	7	0	7	0	408	1	0	409	696
04:00 PM	3	0	0	0	3	3	109	3	0	115	0	0	2	0	2	1	100	1	0	102	222
04:15 PM	4	0	1	0	5	5	123	7	0	135	1	0	2	0	3	1	104	0	0	105	248
04:30 PM	7	0	1	0	8	3	163	7	0	173	0	0	1	0	1	1	112	0	0	113	295
04:45 PM	2	0	0	0	2	3	128	4	0	135	0	0	3	0	3	0	96	1	0	97	237
Total	16	0	2	0	18	14	523	21	0	558	1	0	8	0	9	3	412	2	0	417	1002
05:00 PM	6	0	0	0	6	3	158	5	0	166	0	0	0	0	0	0	95	2	0	97	269
05:15 PM	3	0	0	0	3	6	157	5	0	168	1	0	2	0	3	0	101	0	0	101	275
05:30 PM	3	0	0	0	3	4	135	8	0	147	0	0	1	0	1	0	100	1	0	101	252
05:45 PM	2	0	0	0	2	0	101	6	0	107	0	0	4	0	4	0	86	1	0	87	200
Total	14	0	0	0	14	13	551	24	0	588	1	0	7	0	8	0	382	4	0	386	996
Grand Total	59	0	3	0	62	32	1635	52	1	1720	2	1	35	0	38	3	1704	7	0	1714	3534
Apprch %	95.2	0	4.8	0		1.9	95.1	3	0.1		5.3	2.6	92.1	0		0.2	99.4	0.4	0		
Total %	1.7	0	0.1	0	1.8	0.9	46.3	1.5	0	48.7	0.1	0	1	0	1.1	0.1	48.2	0.2	0	48.5	
Cars	59	0	3	0	62	32	1564	51	1	1648	2	0	35	0	37	3	1624	7	0	1634	3381
% Cars	100	0	100	0	100	100	95.7	98.1	100	95.8	100	0	100	0	97.4	100	95.3	100	0	95.3	95.7
Buses	0	0	0	0	0	0	7	1	0	8	0	1	0	0	1	0	5	0	0	5	14
% Buses	0	0	0	0	0	0	0.4	1.9	0	0.5	0	100	0	0	2.6	0	0.3	0	0	0.3	0.4
Trucks	0	0	0	0	0	0	64	0	0	64	0	0	0	0	0	0	75	0	0	75	139
% Trucks	0	0	0	0	0	0	3.9	0	0	3.7	0	0	0	0	0	0	4.4	0	0	4.4	3.9



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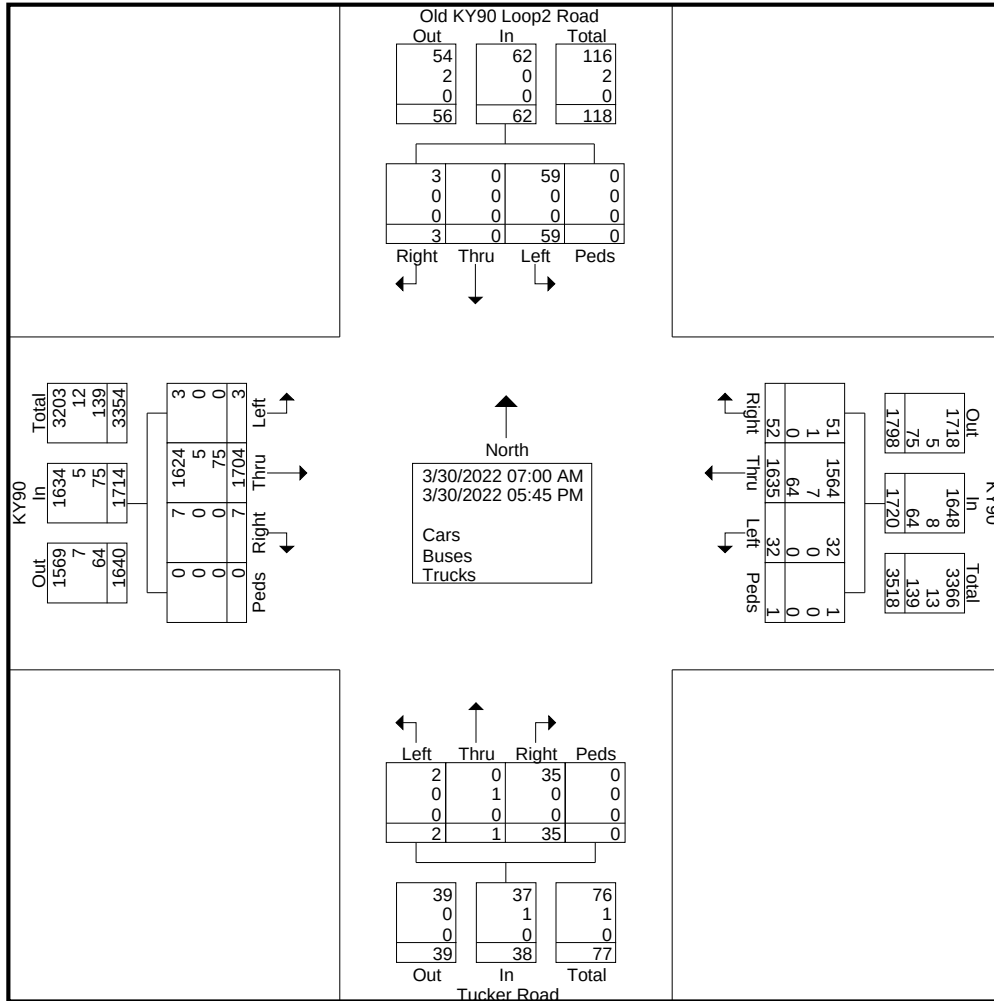
"2022 ... Data Collection simplified"

File Name : 5_KY90_at_Tucker-Old_KY90-Loop2_03302022

Site Code : Site 5

Start Date : 3/30/2022

Page No : 2





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"2022 ... Data Collection simplified"

File Name : 5_KY90_at_Tucker-Old_KY90-Loop2_03302022

Site Code : Site 5

Start Date : 3/30/2022

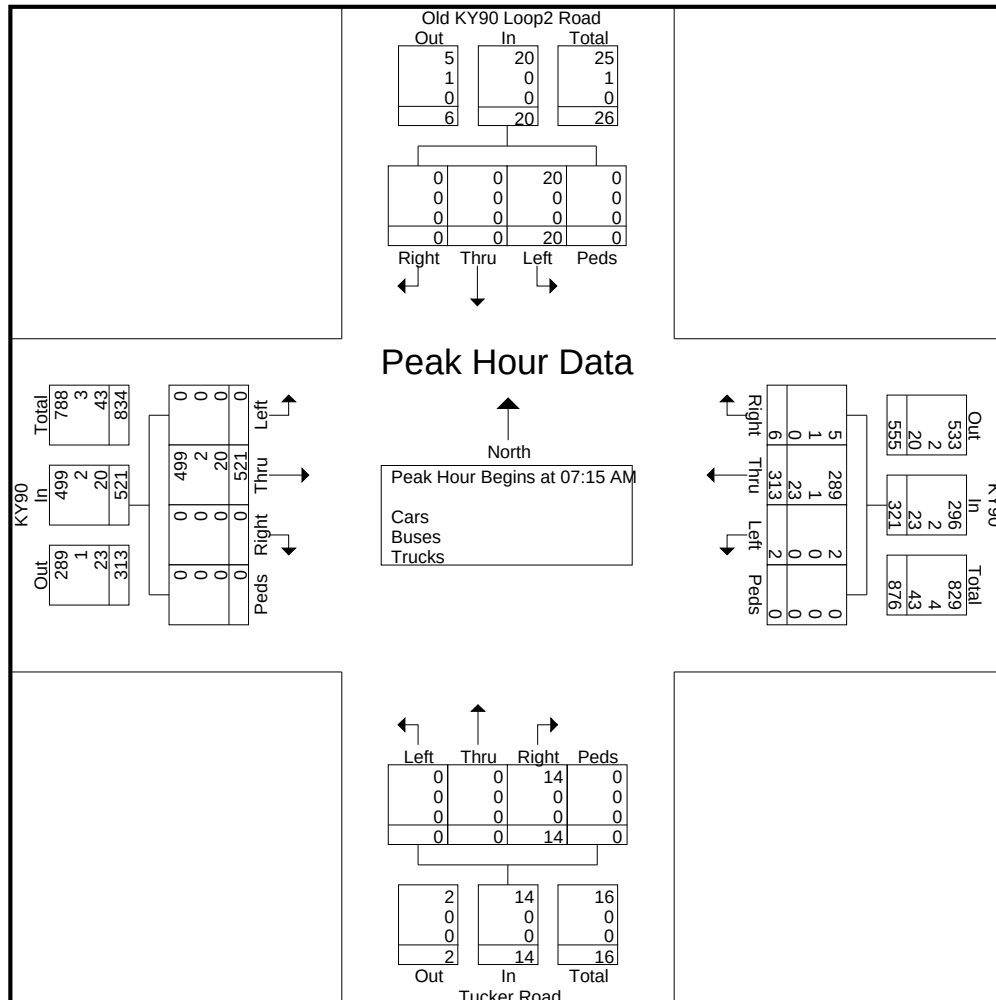
Page No : 3

	Old KY90 Loop2 Road From North					KY90 From East					Tucker Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total

Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:15 AM

07:15 AM	3	0	0	0	3	0	55	2	0	57	0	0	3	0	3	0	134	0	0	134	197
07:30 AM	10	0	0	0	10	1	94	1	0	96	0	0	6	0	6	0	158	0	0	158	270
07:45 AM	3	0	0	0	3	0	84	2	0	86	0	0	3	0	3	0	104	0	0	104	196
08:00 AM	4	0	0	0	4	1	80	1	0	82	0	0	2	0	2	0	125	0	0	125	213
Total Volume	20	0	0	0	20	2	313	6	0	321	0	0	14	0	14	0	521	0	0	521	876
% App. Total	100	0	0	0		0.6	97.5	1.9	0		0	0	100	0		0	100	0	0		
PHF	.500	.000	.000	.000	.500	.500	.832	.750	.000	.836	.000	.000	.583	.000	.583	.000	.824	.000	.000	.824	.811
Cars	20	0	0	0	20	2	289	5	0	296	0	0	14	0	14	0	499	0	0	499	829
% Cars	100	0	0	0	100	100	92.3	83.3	0	92.2	0	0	100	0	100	0	95.8	0	0	95.8	94.6
Buses	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	2	0	0	2	4
% Buses	0	0	0	0	0	0	0.3	16.7	0	0.6	0	0	0	0	0	0	0.4	0	0	0.4	0.5
Trucks	0	0	0	0	0	0	23	0	0	23	0	0	0	0	0	0	20	0	0	20	43
% Trucks	0	0	0	0	0	0	7.3	0	0	7.2	0	0	0	0	0	0	3.8	0	0	3.8	4.9





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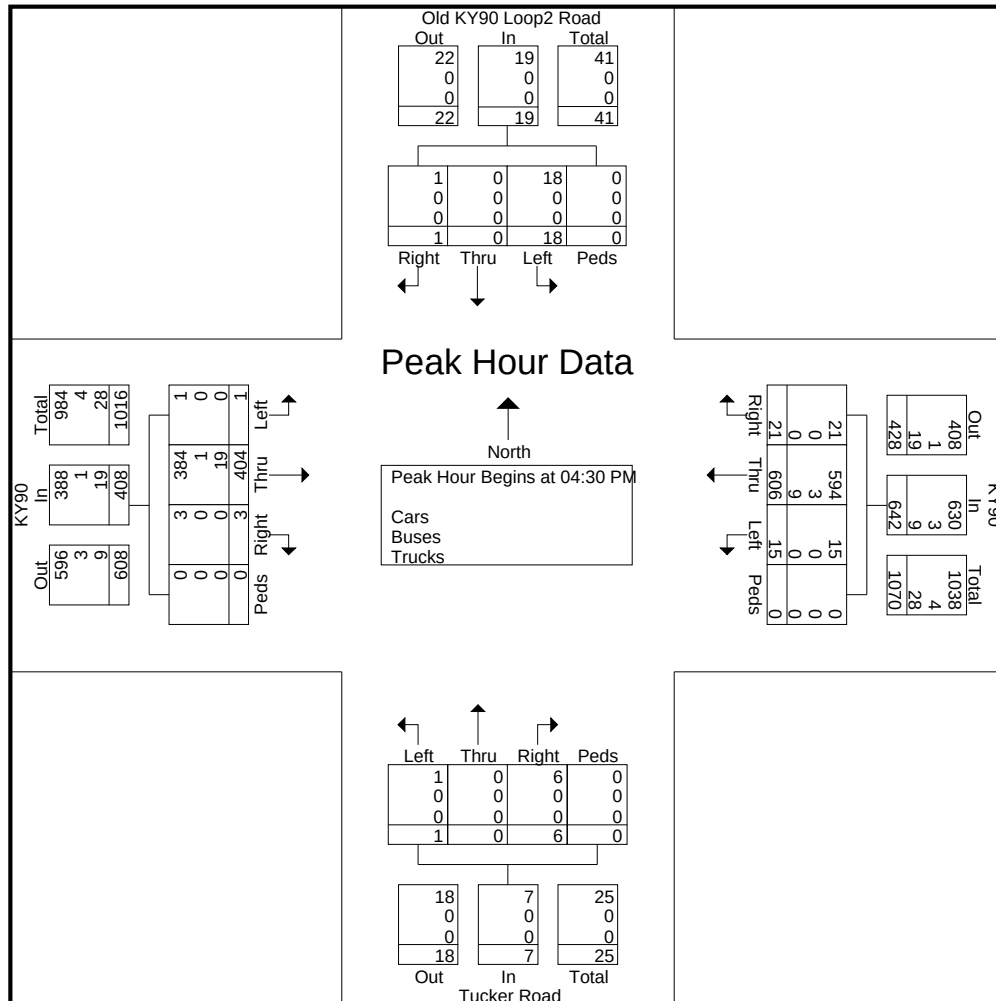
File Name : 5_KY90_at_Tucker-Old_KY90-Loop2_03302022

Site Code : Site 5

Start Date : 3/30/2022

Page No : 4

	Old KY90 Loop2 Road From North					KY90 From East					Tucker Road From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	7	0	1	0	8	3	163	7	0	173	0	0	1	0	1	1	112	0	0	113	295
04:45 PM	2	0	0	0	2	3	128	4	0	135	0	0	3	0	3	0	96	1	0	97	237
05:00 PM	6	0	0	0	6	3	158	5	0	166	0	0	0	0	0	0	95	2	0	97	269
05:15 PM	3	0	0	0	3	6	157	5	0	168	1	0	2	0	3	0	101	0	0	101	275
Total Volume	18	0	1	0	19	15	606	21	0	642	1	0	6	0	7	1	404	3	0	408	1076
% App. Total	94.7	0	5.3	0		2.3	94.4	3.3	0		14.3	0	85.7	0		0.2	99	0.7	0		
PHF	.643	.000	.250	.000	.594	.625	.929	.750	.000	.928	.250	.000	.500	.000	.583	.250	.902	.375	.000	.903	.912
Cars	18	0	1	0	19	15	594	21	0	630	1	0	6	0	7	1	384	3	0	388	1044
% Cars	100	0	100	0	100	100	98.0	100	0	98.1	100	0	100	0	100	100	95.0	100	0	95.1	97.0
Buses	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
% Buses	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0.2	0	0	0.2	0.4
Trucks	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	19	0	0	19	28
% Trucks	0	0	0	0	0	0	1.5	0	0	1.4	0	0	0	0	0	0	4.7	0	0	4.7	2.6





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"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 6_KY90_at_Gibson-Old_KY90_03302022

Site Code : Site 6

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

	Gibson Lane From North					KY90 From East					Old KY90 From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	2	0	0	0	2	0	65	1	0	66	0	0	0	0	0	0	115	0	0	115	183
07:15 AM	8	0	2	0	10	0	61	3	0	64	0	0	0	0	0	0	140	0	0	140	214
07:30 AM	11	0	3	0	14	0	94	2	0	96	0	0	0	0	0	0	176	0	0	176	286
07:45 AM	9	0	3	0	12	0	79	4	0	83	0	0	0	0	0	0	106	0	0	106	201
Total	30	0	8	0	38	0	299	10	0	309	0	0	0	0	0	0	537	0	0	537	884
08:00 AM	6	0	1	0	7	0	82	7	0	89	0	0	0	0	0	0	130	0	0	130	226
08:15 AM	8	0	2	0	10	1	73	1	0	75	1	0	0	0	1	0	97	0	0	97	183
08:30 AM	4	0	0	0	4	0	58	2	0	60	1	0	0	0	1	2	107	0	0	109	174
08:45 AM	4	0	2	0	6	0	49	2	0	51	1	0	0	0	1	1	90	2	0	93	151
Total	22	0	5	0	27	1	262	12	0	275	3	0	0	0	3	3	424	2	0	429	734
04:00 PM	2	0	0	0	2	0	119	8	0	127	0	0	0	0	0	0	104	0	0	104	233
04:15 PM	5	1	1	0	7	0	128	5	0	133	1	0	0	0	1	1	107	1	0	109	250
04:30 PM	5	1	1	0	7	0	174	7	0	181	1	0	0	0	1	2	119	1	0	122	311
04:45 PM	5	0	1	0	6	0	136	11	1	148	0	0	0	0	0	3	101	0	0	104	258
Total	17	2	3	0	22	0	557	31	1	589	2	0	0	0	2	6	431	2	0	439	1052
05:00 PM	6	0	3	0	9	0	162	10	0	172	1	1	1	0	3	1	98	2	0	101	285
05:15 PM	6	0	2	0	8	0	166	6	0	172	1	0	0	0	1	2	104	0	0	106	287
05:30 PM	7	1	3	0	11	0	138	11	0	149	2	0	0	0	2	4	100	1	0	105	267
05:45 PM	2	3	3	0	8	0	101	2	0	103	0	0	0	0	0	3	94	0	0	97	208
Total	21	4	11	0	36	0	567	29	0	596	4	1	1	0	6	10	396	3	0	409	1047
Grand Total	90	6	27	0	123	1	1685	82	1	1769	9	1	1	0	11	19	1788	7	0	1814	3717
Apprch %	73.2	4.9	22	0		0.1	95.3	4.6	0.1		81.8	9.1	9.1	0		1	98.6	0.4	0		
Total %	2.4	0.2	0.7	0	3.3	0	45.3	2.2	0	47.6	0.2	0	0	0	0.3	0.5	48.1	0.2	0	48.8	
Cars	89	5	25	0	119	1	1615	79	1	1696	9	1	1	0	11	19	1714	7	0	1740	3566
% Cars	98.9	83.3	92.6	0	96.7	100	95.8	96.3	100	95.9	100	100	100	0	100	100	95.9	100	0	95.9	95.9
Buses	1	0	1	0	2	0	6	2	0	8	0	0	0	0	0	0	6	0	0	6	16
% Buses	1.1	0	3.7	0	1.6	0	0.4	2.4	0	0.5	0	0	0	0	0	0	0.3	0	0	0.3	0.4
Trucks	0	1	1	0	2	0	64	1	0	65	0	0	0	0	0	0	68	0	0	68	135
% Trucks	0	16.7	3.7	0	1.6	0	3.8	1.2	0	3.7	0	0	0	0	0	0	3.8	0	0	3.7	3.6



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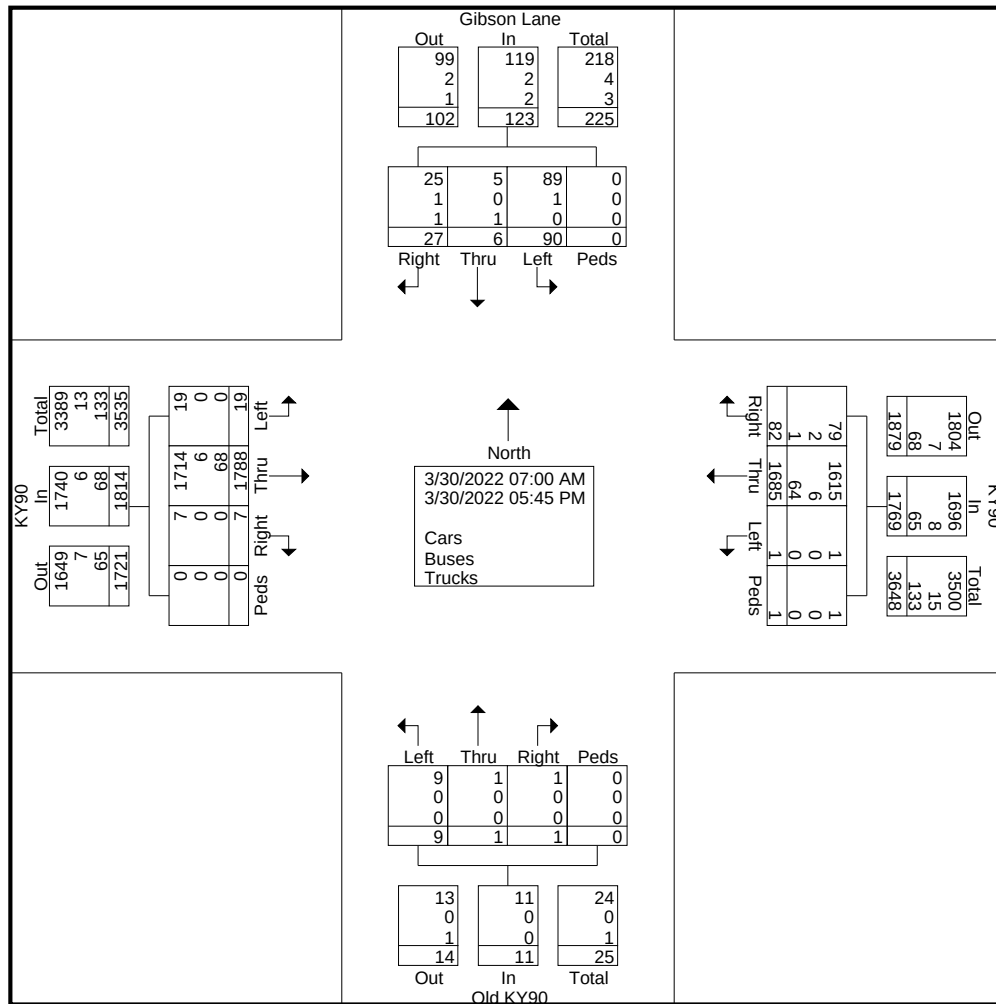
"2022 ... Data Collection simplified"

File Name : 6_KY90_at_Gibson-Old_KY90_03302022

Site Code : Site 6

Start Date : 3/30/2022

Page No : 2





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"2022 ... Data Collection simplified"

File Name : 6_KY90_at_Gibson-Old_KY90_03302022

Site Code : Site 6

Start Date : 3/30/2022

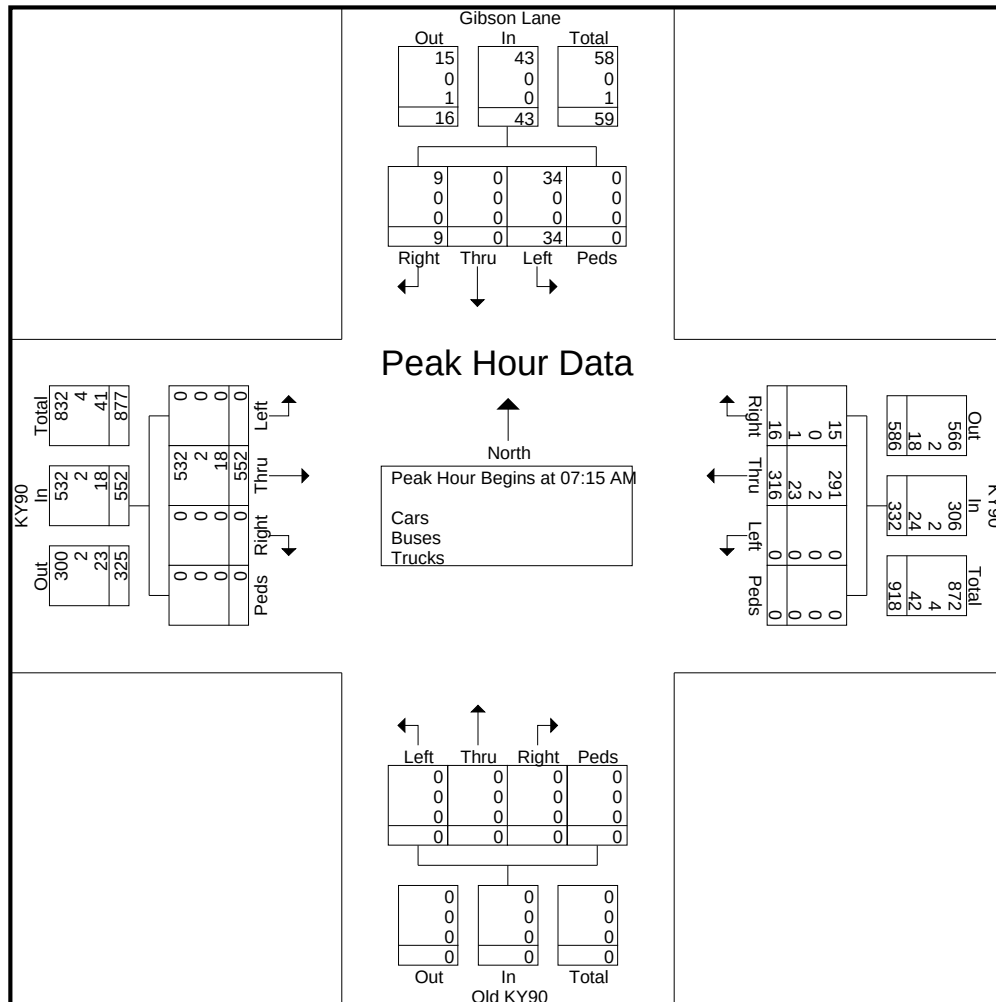
Page No : 3

	Gibson Lane From North					KY90 From East					Old KY90 From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total

Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:15 AM

07:15 AM	8	0	2	0	10	0	61	3	0	64	0	0	0	0	0	0	140	0	0	140	214
07:30 AM	11	0	3	0	14	0	94	2	0	96	0	0	0	0	0	0	176	0	0	176	286
07:45 AM	9	0	3	0	12	0	79	4	0	83	0	0	0	0	0	0	106	0	0	106	201
08:00 AM	6	0	1	0	7	0	82	7	0	89	0	0	0	0	0	0	130	0	0	130	226
Total Volume	34	0	9	0	43	0	316	16	0	332	0	0	0	0	0	0	552	0	0	552	927
% App. Total	79.1	0	20.9	0		0	95.2	4.8	0		0	0	0	0	0	0	100	0	0		
PHF	.773	.000	.750	.000	.768	.000	.840	.571	.000	.865	.000	.000	.000	.000	.000	.000	.784	.000	.000	.784	.810
Cars	34	0	9	0	43	0	291	15	0	306	0	0	0	0	0	0	532	0	0	532	881
% Cars	100	0	100	0	100	0	92.1	93.8	0	92.2	0	0	0	0	0	0	96.4	0	0	96.4	95.0
Buses	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
% Buses	0	0	0	0	0	0	0.6	0	0	0.6	0	0	0	0	0	0	0.4	0	0	0.4	0.4
Trucks	0	0	0	0	0	0	23	1	0	24	0	0	0	0	0	0	18	0	0	18	42
% Trucks	0	0	0	0	0	0	7.3	6.3	0	7.2	0	0	0	0	0	0	3.3	0	0	3.3	4.5





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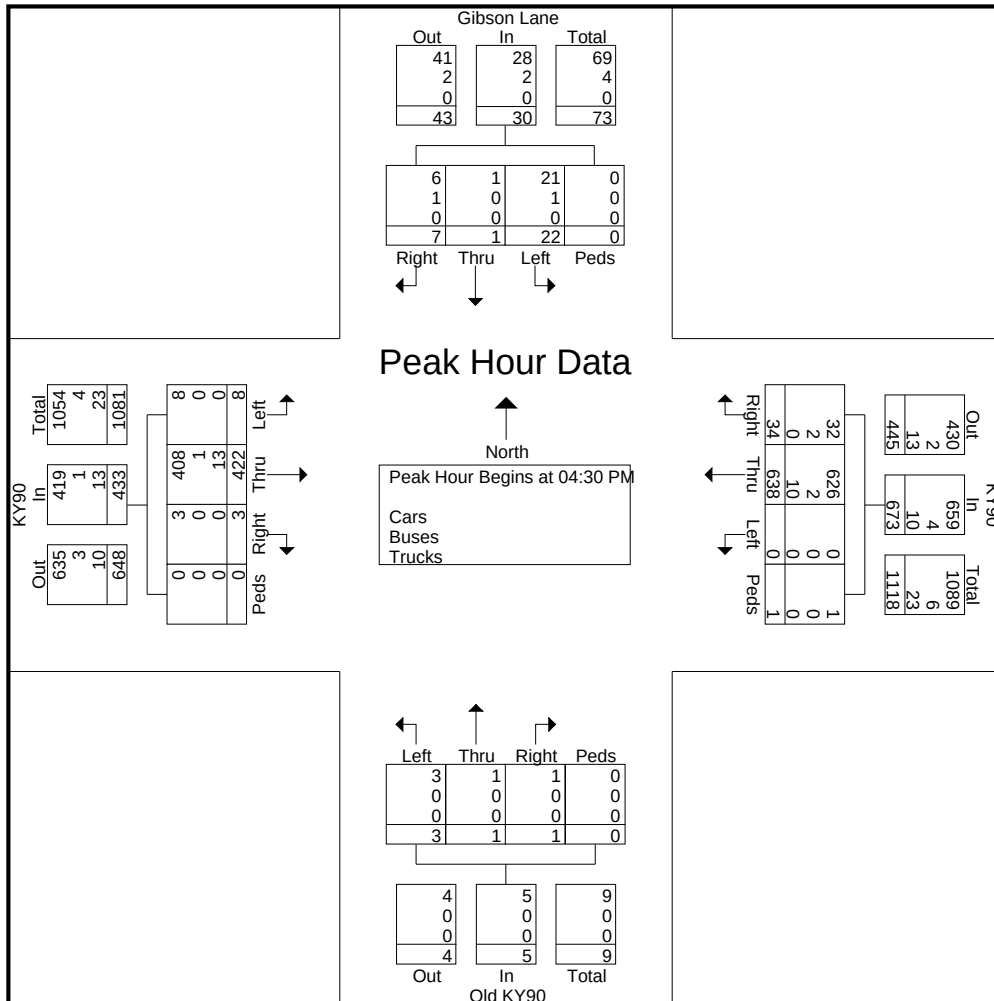
File Name : 6_KY90_at_Gibson-Old_KY90_03302022

Site Code : Site 6

Start Date : 3/30/2022

Page No : 4

	Gibson Lane From North					KY90 From East					Old KY90 From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	5	1	1	0	7	0	174	7	0	181	1	0	0	0	1	2	119	1	0	122	311
04:45 PM	5	0	1	0	6	0	136	11	1	148	0	0	0	0	0	3	101	0	0	104	258
05:00 PM	6	0	3	0	9	0	162	10	0	172	1	1	1	0	3	1	98	2	0	101	285
05:15 PM	6	0	2	0	8	0	166	6	0	172	1	0	0	0	1	2	104	0	0	106	287
Total Volume	22	1	7	0	30	0	638	34	1	673	3	1	1	0	5	8	422	3	0	433	1141
% App. Total	73.3	3.3	23.3	0		0	94.8	5.1	0.1		60	20	20	0		1.8	97.5	0.7	0		
PHF	.917	.250	.583	.000	.833	.000	.917	.773	.250	.930	.750	.250	.250	.000	.417	.667	.887	.375	.000	.887	.917
Cars	21	1	6	0	28	0	626	32	1	659	3	1	1	0	5	8	408	3	0	419	1111
% Cars	95.5	100	85.7	0	93.3	0	98.1	94.1	100	97.9	100	100	100	0	100	100	96.7	100	0	96.8	97.4
Buses	1	0	1	0	2	0	2	2	0	4	0	0	0	0	0	0	1	0	0	1	7
% Buses	4.5	0	14.3	0	6.7	0	0.3	5.9	0	0.6	0	0	0	0	0	0	0.2	0	0	0.2	0.6
Trucks	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	13	0	0	13	23
% Trucks	0	0	0	0	0	0	1.6	0	0	1.5	0	0	0	0	0	0	3.1	0	0	3.0	2.0





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"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 7_KY90_at_KY790-Cumberland_03302022

Site Code : Site 7

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

	Cumberland Drive From North					KY90 From East					KY790 From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	3	69	0	0	72	1	0	23	0	24	0	107	1	0	108	204
07:15 AM	2	0	0	0	2	7	66	1	0	74	0	0	11	0	11	0	136	0	0	136	223
07:30 AM	0	0	1	0	1	10	89	2	0	101	1	0	32	0	33	0	189	3	0	192	327
07:45 AM	2	0	1	0	3	16	89	1	0	106	0	0	32	0	32	0	135	1	0	136	277
Total	4	0	2	0	6	36	313	4	0	353	2	0	98	0	100	0	567	5	0	572	1031
08:00 AM	2	0	0	0	2	7	94	0	0	101	0	0	13	0	13	0	124	13	0	137	253
08:15 AM	1	0	0	0	1	7	70	3	0	80	4	0	13	0	17	0	119	1	0	120	218
08:30 AM	2	0	0	0	2	8	64	0	0	72	1	0	16	0	17	0	111	0	0	111	202
08:45 AM	1	0	0	0	1	8	56	0	0	64	1	0	10	0	11	0	97	2	0	99	175
Total	6	0	0	0	6	30	284	3	0	317	6	0	52	0	58	0	451	16	0	467	848
04:00 PM	1	1	1	0	3	24	118	2	0	144	2	0	7	0	9	2	113	5	0	120	276
04:15 PM	1	0	0	0	1	24	138	2	0	164	2	0	18	0	20	1	110	2	0	113	298
04:30 PM	2	0	0	0	2	20	181	0	0	201	1	0	10	0	11	1	115	2	0	118	332
04:45 PM	0	0	3	0	3	20	147	1	0	168	0	0	9	0	9	0	111	3	0	114	294
Total	4	1	4	0	9	88	584	5	0	677	5	0	44	0	49	4	449	12	0	465	1200
05:00 PM	0	0	0	0	0	22	171	0	0	193	0	0	5	0	5	1	104	4	0	109	307
05:15 PM	2	0	0	0	2	27	178	0	0	205	1	0	11	0	12	0	109	2	0	111	330
05:30 PM	1	0	0	0	1	28	154	1	0	183	1	1	9	0	11	1	105	4	0	110	305
05:45 PM	3	0	1	0	4	18	111	2	0	131	1	0	15	0	16	1	98	3	0	102	253
Total	6	0	1	0	7	95	614	3	0	712	3	1	40	0	44	3	416	13	0	432	1195
Grand Total	20	1	7	0	28	249	1795	15	0	2059	16	1	234	0	251	7	1883	46	0	1936	4274
Apprch %	71.4	3.6	25	0		12.1	87.2	0.7	0		6.4	0.4	93.2	0		0.4	97.3	2.4	0		
Total %	0.5	0	0.2	0	0.7	5.8	42	0.4	0	48.2	0.4	0	5.5	0	5.9	0.2	44.1	1.1	0	45.3	
Cars	19	1	7	0	27	245	1720	15	0	1980	16	1	226	0	243	7	1805	44	0	1856	4106
% Cars	95	100	100	0	96.4	98.4	95.8	100	0	96.2	100	100	96.6	0	96.8	100	95.9	95.7	0	95.9	96.1
Buses	0	0	0	0	0	0	8	0	0	8	0	0	5	0	5	0	5	2	0	7	20
% Buses	0	0	0	0	0	0	0.4	0	0	0.4	0	0	2.1	0	2	0	0.3	4.3	0	0.4	0.5
Trucks	1	0	0	0	1	4	67	0	0	71	0	0	3	0	3	0	73	0	0	73	148
% Trucks	5	0	0	0	3.6	1.6	3.7	0	0	3.4	0	0	1.3	0	1.2	0	3.9	0	0	3.8	3.5



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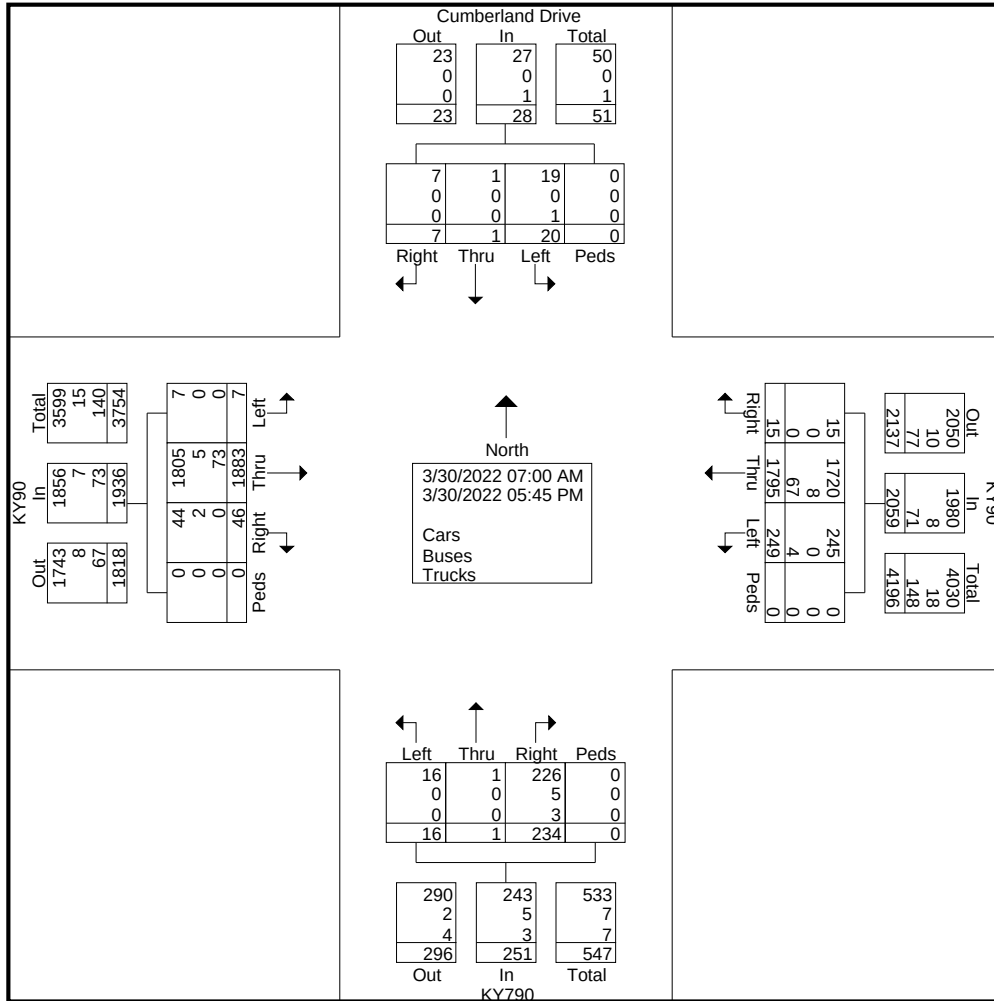
"2022 ... Data Collection simplified"

File Name : 7_KY90_at_KY790-Cumberland_03302022

Site Code : Site 7

Start Date : 3/30/2022

Page No : 2





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"2022 ... Data Collection simplified"

File Name : 7_KY90_at_KY790-Cumberland_03302022

Site Code : Site 7

Start Date : 3/30/2022

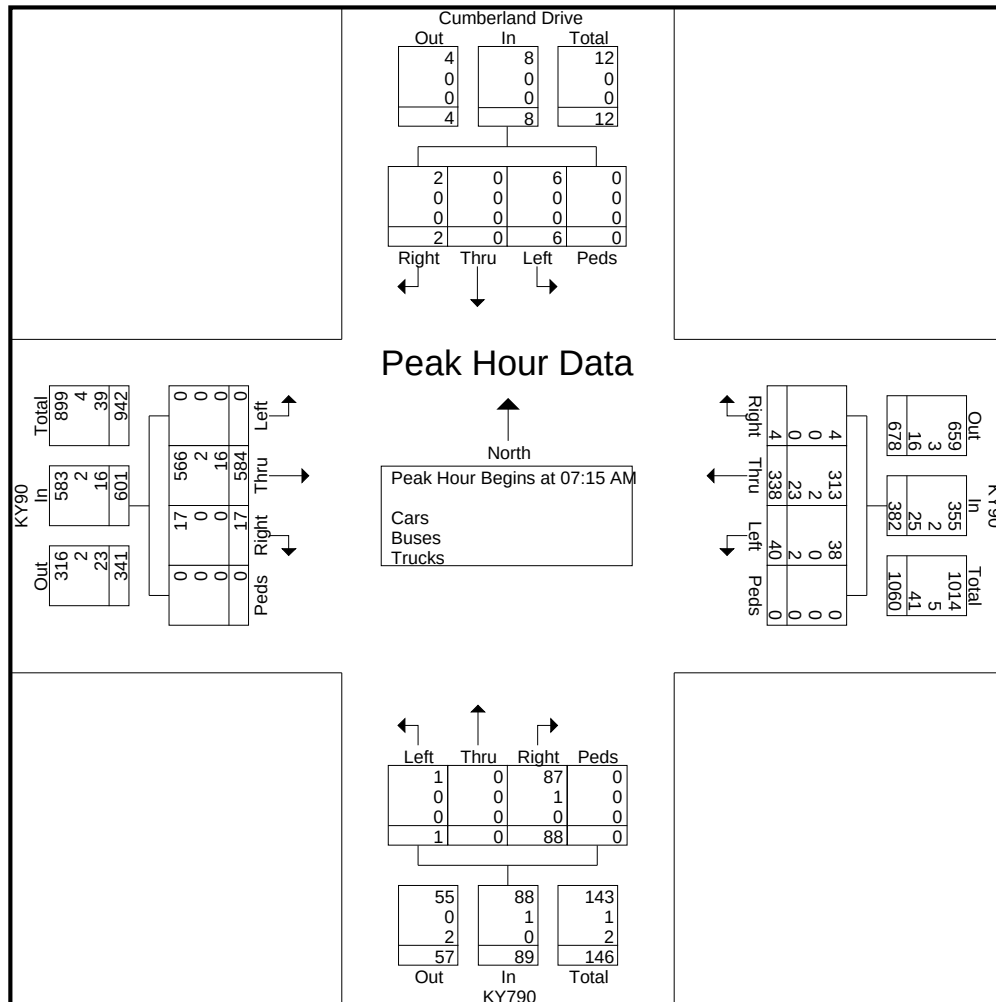
Page No : 3

	Cumberland Drive From North					KY90 From East					KY790 From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total

Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:15 AM

07:15 AM	2	0	0	0	2	7	66	1	0	74	0	0	11	0	11	0	136	0	0	136	223
07:30 AM	0	0	1	0	1	10	89	2	0	101	1	0	32	0	33	0	189	3	0	192	327
07:45 AM	2	0	1	0	3	16	89	1	0	106	0	0	32	0	32	0	135	1	0	136	277
08:00 AM	2	0	0	0	2	7	94	0	0	101	0	0	13	0	13	0	124	13	0	137	253
Total Volume	6	0	2	0	8	40	338	4	0	382	1	0	88	0	89	0	584	17	0	601	1080
% App. Total	75	0	25	0		10.5	88.5	1	0		1.1	0	98.9	0		0	97.2	2.8	0		
PHF	.750	.000	.500	.000	.667	.625	.899	.500	.000	.901	.250	.000	.688	.000	.674	.000	.772	.327	.000	.783	.826
Cars	6	0	2	0	8	38	313	4	0	355	1	0	87	0	88	0	566	17	0	583	1034
% Cars	100	0	100	0	100	95.0	92.6	100	0	92.9	100	0	98.9	0	98.9	0	96.9	100	0	97.0	95.7
Buses	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	0	2	0	0	2	5
% Buses	0	0	0	0	0	0	0.6	0	0	0.5	0	0	1.1	0	1.1	0	0.3	0	0	0.3	0.5
Trucks	0	0	0	0	0	2	23	0	0	25	0	0	0	0	0	0	16	0	0	16	41
% Trucks	0	0	0	0	0	5.0	6.8	0	0	6.5	0	0	0	0	0	0	2.7	0	0	2.7	3.8





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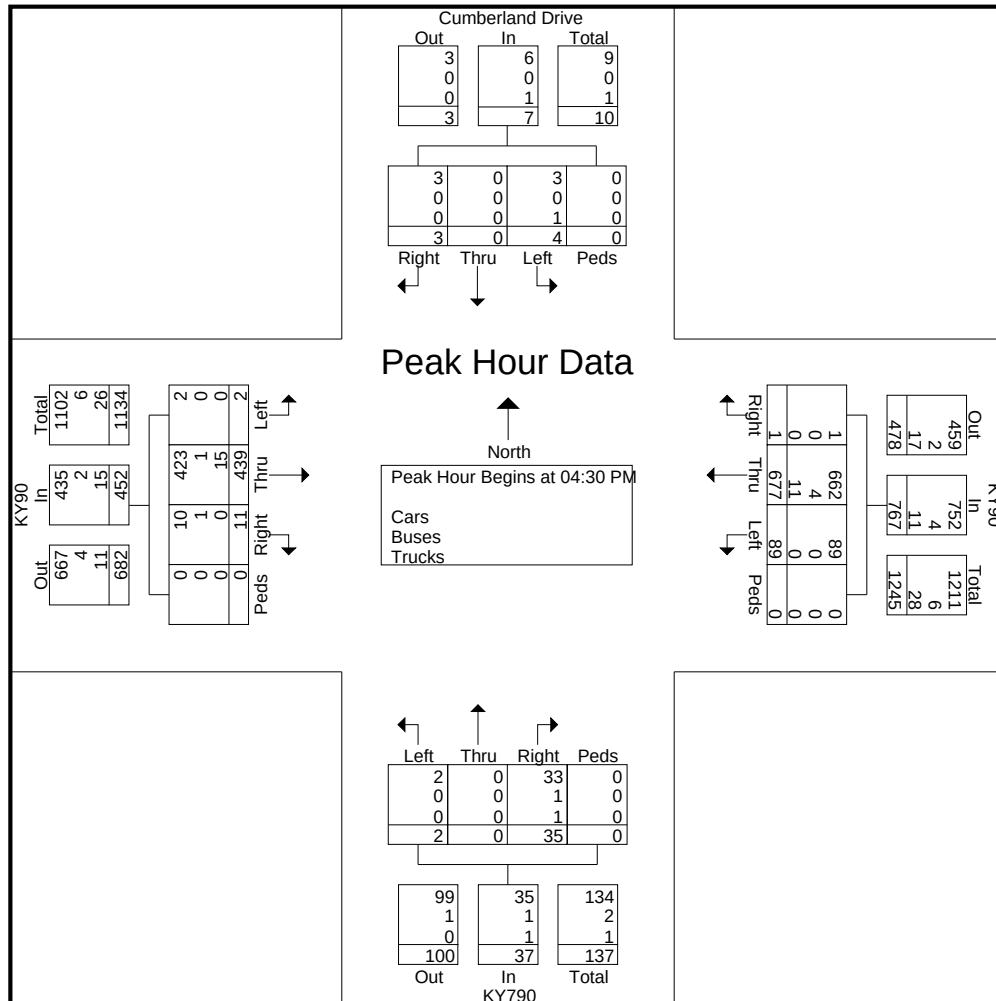
File Name : 7_KY90_at_KY790-Cumberland_03302022

Site Code : Site 7

Start Date : 3/30/2022

Page No : 4

	Cumberland Drive From North					KY90 From East					KY790 From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	2	0	0	0	2	20	181	0	0	201	1	0	10	0	11	1	115	2	0	118	332
04:45 PM	0	0	3	0	3	20	147	1	0	168	0	0	9	0	9	0	111	3	0	114	294
05:00 PM	0	0	0	0	0	22	171	0	0	193	0	0	5	0	5	1	104	4	0	109	307
05:15 PM	2	0	0	0	2	27	178	0	0	205	1	0	11	0	12	0	109	2	0	111	330
Total Volume	4	0	3	0	7	89	677	1	0	767	2	0	35	0	37	2	439	11	0	452	1263
% App. Total	57.1	0	42.9	0		11.6	88.3	0.1	0		5.4	0	94.6	0		0.4	97.1	2.4	0		
PHF	.500	.000	.250	.000	.583	.824	.935	.250	.000	.935	.500	.000	.795	.000	.771	.500	.954	.688	.000	.958	.951
Cars	3	0	3	0	6	89	662	1	0	752	2	0	33	0	35	2	423	10	0	435	1228
% Cars	75.0	0	100	0	85.7	100	97.8	100	0	98.0	100	0	94.3	0	94.6	100	96.4	90.9	0	96.2	97.2
Buses	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	0	1	1	0	2	7
% Buses	0	0	0	0	0	0	0.6	0	0	0.5	0	0	2.9	0	2.7	0	0.2	9.1	0	0.4	0.6
Trucks	1	0	0	0	1	0	11	0	0	11	0	0	1	0	1	0	15	0	0	15	28
% Trucks	25.0	0	0	0	14.3	0	1.6	0	0	1.4	0	0	2.9	0	2.7	0	3.4	0	0	3.3	2.2





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"2022 ... Data Collection simplified"

Cloudy
Schools in Session

File Name : 8_KY90_at_West-End-of-Bridge_24ATR_03302022

Site Code : Site 8

Start Date : 3/30/2022

Page No : 1

Groups Printed- Cars - Buses - Trucks

Start Time	From North					KY90 From East					From South					KY90 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
12:00 AM	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	3	0	0	3	12
12:15 AM	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	11	0	0	11	22
12:30 AM	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	10	0	0	10	20
12:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	7
Total	0	0	0	0	0	0	34	0	0	34	0	0	0	0	0	0	27	0	0	27	61
01:00 AM	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	12
01:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	7
01:30 AM	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	9	0	0	9	16
01:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	9
Total	0	0	0	0	0	0	22	0	0	22	0	0	0	0	0	0	22	0	0	22	44
02:00 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	4	0	0	4	10
02:15 AM	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	9	0	0	9	21
02:30 AM	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	5	0	0	5	16
02:45 AM	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	6	0	0	6	15
Total	0	0	0	0	0	0	38	0	0	38	0	0	0	0	0	0	24	0	0	24	62
03:00 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	10
03:15 AM	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	9	0	0	9	23
03:30 AM	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	14	0	0	14	25
03:45 AM	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	16	0	0	16	23
Total	0	0	0	0	0	0	36	0	0	36	0	0	0	0	0	0	45	0	0	45	81
04:00 AM	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	13	0	0	13	25
04:15 AM	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	25	0	0	25	34
04:30 AM	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	30	0	0	30	38
04:45 AM	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	26	0	0	26	34
Total	0	0	0	0	0	0	37	0	0	37	0	0	0	0	0	0	94	0	0	94	131
05:00 AM	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	28	0	0	28	40
05:15 AM	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	42	0	0	42	56
05:30 AM	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	63	0	0	63	77
05:45 AM	0	0	0	0	0	0	24	0	0	24	0	0	0	0	0	0	65	0	0	65	89
Total	0	0	0	0	0	0	64	0	0	64	0	0	0	0	0	0	198	0	0	198	262
06:00 AM	0	0	0	0	0	0	37	0	0	37	0	0	0	0	0	0	71	0	0	71	108
06:15 AM	0	0	0	0	0	0	38	0	0	38	0	0	0	0	0	0	92	0	0	92	130
06:30 AM	0	0	0	0	0	0	50	0	0	50	0	0	0	0	0	0	105	0	0	105	155
06:45 AM	0	0	0	0	0	0	56	0	0	56	0	0	0	0	0	0	84	0	0	84	140
Total	0	0	0	0	0	0	181	0	0	181	0	0	0	0	0	0	352	0	0	352	533
07:00 AM	0	0	0	0	0	0	73	0	0	73	0	0	0	0	0	0	147	0	0	147	220
07:15 AM	0	0	0	0	0	0	78	0	0	78	0	0	0	0	0	0	166	0	0	166	244
07:30 AM	0	0	0	0	0	0	111	0	0	111	0	0	0	0	0	0	240	0	0	240	351
07:45 AM	0	0	0	0	0	0	110	0	0	110	0	0	0	0	0	0	179	0	0	179	289
Total	0	0	0	0	0	0	372	0	0	372	0	0	0	0	0	0	732	0	0	732	1104
08:00 AM	0	0	0	0	0	0	109	0	0	109	0	0	0	0	0	0	151	0	0	151	260
08:15 AM	0	0	0	0	0	0	80	0	0	80	0	0	0	0	0	0	139	0	0	139	219
08:30 AM	0	0	0	0	0	0	68	0	0	68	0	0	0	0	0	0	135	0	0	135	203
08:45 AM	0	0	0	0	0	0	70	0	0	70	0	0	0	0	0	0	121	0	0	121	191
Total	0	0	0	0	0	0	327	0	0	327	0	0	0	0	0	0	546	0	0	546	873



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"2022 ... Data Collection simplified"

File Name : 8_KY90_at_West-End-of-Bridge_24ATR_03302022

Site Code : Site 8

Start Date : 3/30/2022

Page No : 2

Groups Printed- Cars - Buses - Trucks

Start Time	From North					KY90 From East					From South					KY90 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
09:00 AM	0	0	0	0	0	0	103	0	0	103	0	0	0	0	0	0	111	0	0	111	214
09:15 AM	0	0	0	0	0	0	94	0	0	94	0	0	0	0	0	0	114	0	0	114	208
09:30 AM	0	0	0	0	0	0	86	0	0	86	0	0	0	0	0	0	123	0	0	123	209
09:45 AM	0	0	0	0	0	0	95	0	0	95	0	0	0	0	0	0	118	0	0	118	213
Total	0	0	0	0	0	0	378	0	0	378	0	0	0	0	0	0	466	0	0	466	844
10:00 AM	0	0	0	0	0	0	97	0	0	97	0	0	0	0	0	0	119	0	0	119	216
10:15 AM	0	0	0	0	0	0	87	0	0	87	0	0	0	0	0	0	112	0	0	112	199
10:30 AM	0	0	0	0	0	0	91	0	0	91	0	0	0	0	0	0	115	0	0	115	206
10:45 AM	0	0	0	0	0	0	102	0	0	102	0	0	0	0	0	0	124	0	0	124	226
Total	0	0	0	0	0	0	377	0	0	377	0	0	0	0	0	0	470	0	0	470	847
11:00 AM	0	0	0	0	0	0	125	0	0	125	0	0	0	0	0	0	113	0	0	113	238
11:15 AM	0	0	0	0	0	0	101	0	0	101	0	0	0	0	0	0	120	0	0	120	221
11:30 AM	0	0	0	0	0	0	102	0	0	102	0	0	0	0	0	0	111	0	0	111	213
11:45 AM	0	0	0	0	0	0	105	0	0	105	0	0	0	0	0	0	129	0	0	129	234
Total	0	0	0	0	0	0	433	0	0	433	0	0	0	0	0	0	473	0	0	473	906
12:00 PM	0	0	0	0	0	0	91	0	0	91	0	0	0	0	0	0	110	0	0	110	201
12:15 PM	0	0	0	0	0	0	136	0	0	136	0	0	0	0	0	0	152	0	0	152	288
12:30 PM	0	0	0	0	0	0	138	0	0	138	0	0	0	0	0	0	140	0	0	140	278
12:45 PM	0	0	0	0	0	0	126	0	0	126	0	0	0	0	0	0	109	0	0	109	235
Total	0	0	0	0	0	0	491	0	0	491	0	0	0	0	0	0	511	0	0	511	1002
01:00 PM	0	0	0	0	0	0	122	0	0	122	0	0	0	0	0	0	110	0	0	110	232
01:15 PM	0	0	0	0	0	0	126	0	0	126	0	0	0	0	0	0	128	0	0	128	254
01:30 PM	0	0	0	0	0	0	135	0	0	135	0	0	0	0	0	0	141	0	0	141	276
01:45 PM	0	0	0	0	0	0	107	0	0	107	0	0	0	0	0	0	116	0	0	116	223
Total	0	0	0	0	0	0	490	0	0	490	0	0	0	0	0	0	495	0	0	495	985
02:00 PM	0	0	0	0	0	0	144	0	0	144	0	0	0	0	0	0	113	0	0	113	257
02:15 PM	0	0	0	0	0	0	138	0	0	138	0	0	0	0	0	0	127	0	0	127	265
02:30 PM	0	0	0	0	0	0	165	0	0	165	0	0	0	0	0	0	141	0	0	141	306
02:45 PM	0	0	0	0	0	0	147	0	0	147	0	0	0	0	0	0	136	0	0	136	283
Total	0	0	0	0	0	0	594	0	0	594	0	0	0	0	0	0	517	0	0	517	1111
03:00 PM	0	0	0	0	0	0	163	0	0	163	0	0	0	0	0	0	124	0	0	124	287
03:15 PM	0	0	0	0	0	0	221	0	0	221	0	0	0	0	0	0	110	0	0	110	331
03:30 PM	0	0	0	0	0	0	181	0	0	181	0	0	0	0	0	0	162	0	0	162	343
03:45 PM	0	0	0	0	0	0	145	0	0	145	0	0	0	0	0	0	152	0	0	152	297
Total	0	0	0	0	0	0	710	0	0	710	0	0	0	0	0	0	548	0	0	548	1258
04:00 PM	0	0	0	0	0	0	153	0	0	153	0	0	0	0	0	0	133	0	0	133	286
04:15 PM	0	0	0	0	0	0	185	0	0	185	0	0	0	0	0	0	130	0	0	130	315
04:30 PM	0	0	0	0	0	0	205	0	0	205	0	0	0	0	0	0	145	0	0	145	350
04:45 PM	0	0	0	0	0	0	180	0	0	180	0	0	0	0	0	0	132	0	0	132	312
Total	0	0	0	0	0	0	723	0	0	723	0	0	0	0	0	0	540	0	0	540	1263
05:00 PM	0	0	0	0	0	0	202	0	0	202	0	0	0	0	0	0	109	0	0	109	311
05:15 PM	0	0	0	0	0	0	217	0	0	217	0	0	0	0	0	0	137	0	0	137	354
05:30 PM	0	0	0	0	0	0	194	0	0	194	0	0	0	0	0	0	127	0	0	127	321
05:45 PM	0	0	0	0	0	0	134	0	0	134	0	0	0	0	0	0	126	0	0	126	260
Total	0	0	0	0	0	0	747	0	0	747	0	0	0	0	0	0	499	0	0	499	1246
06:00 PM	0	0	0	0	0	0	125	0	0	125	0	0	0	0	0	0	119	0	0	119	244
06:15 PM	0	0	0	0	0	0	119	0	0	119	0	0	0	0	0	0	87	0	0	87	206
06:30 PM	0	0	0	0	0	0	139	0	0	139	0	0	0	0	0	0	99	0	0	99	238
06:45 PM	0	0	0	0	0	0	117	0	0	117	0	0	0	0	0	0	83	0	0	83	200
Total	0	0	0	0	0	0	500	0	0	500	0	0	0	0	0	0	388	0	0	388	888



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"2022 ... Data Collection simplified"

File Name : 8_KY90_at_West-End-of-Bridge_24ATR_03302022

Site Code : Site 8

Start Date : 3/30/2022

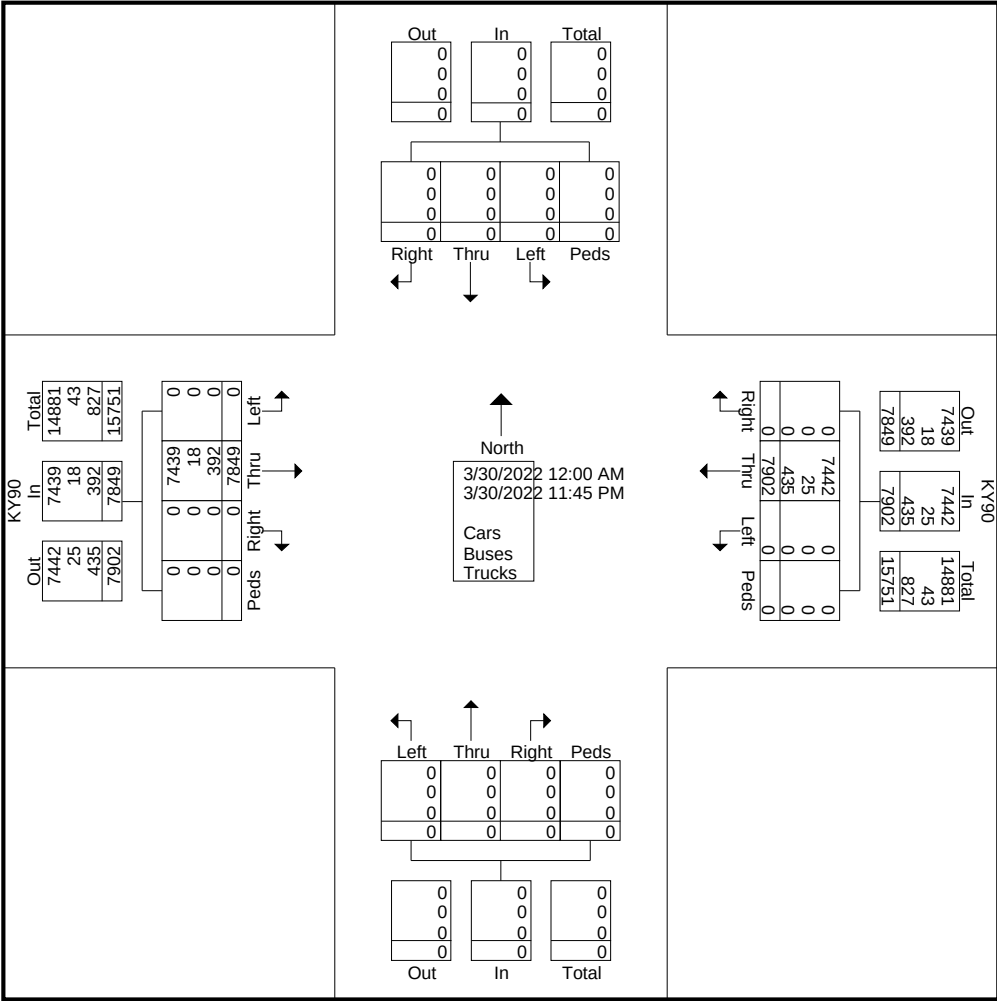
Page No : 3

Groups Printed- Cars - Buses - Trucks

Start Time	From North					KY90 From East					From South					KY90 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 PM	0	0	0	0	0	0	109	0	0	109	0	0	0	0	0	0	72	0	0	72	181
07:15 PM	0	0	0	0	0	0	105	0	0	105	0	0	0	0	0	0	78	0	0	78	183
07:30 PM	0	0	0	0	0	0	108	0	0	108	0	0	0	0	0	0	91	0	0	91	199
07:45 PM	0	0	0	0	0	0	87	0	0	87	0	0	0	0	0	0	73	0	0	73	160
Total	0	0	0	0	0	0	409	0	0	409	0	0	0	0	0	0	314	0	0	314	723
08:00 PM	0	0	0	0	0	0	116	0	0	116	0	0	0	0	0	0	82	0	0	82	198
08:15 PM	0	0	0	0	0	0	111	0	0	111	0	0	0	0	0	0	66	0	0	66	177
08:30 PM	0	0	0	0	0	0	96	0	0	96	0	0	0	0	0	0	82	0	0	82	178
08:45 PM	0	0	0	0	0	0	85	0	0	85	0	0	0	0	0	0	47	0	0	47	132
Total	0	0	0	0	0	0	408	0	0	408	0	0	0	0	0	0	277	0	0	277	685
09:00 PM	0	0	0	0	0	0	89	0	0	89	0	0	0	0	0	0	46	0	0	46	135
09:15 PM	0	0	0	0	0	0	70	0	0	70	0	0	0	0	0	0	50	0	0	50	120
09:30 PM	0	0	0	0	0	0	52	0	0	52	0	0	0	0	0	0	39	0	0	39	91
09:45 PM	0	0	0	0	0	0	62	0	0	62	0	0	0	0	0	0	45	0	0	45	107
Total	0	0	0	0	0	0	273	0	0	273	0	0	0	0	0	0	180	0	0	180	453
10:00 PM	0	0	0	0	0	0	59	0	0	59	0	0	0	0	0	0	28	0	0	28	87
10:15 PM	0	0	0	0	0	0	47	0	0	47	0	0	0	0	0	0	26	0	0	26	73
10:30 PM	0	0	0	0	0	0	32	0	0	32	0	0	0	0	0	0	19	0	0	19	51
10:45 PM	0	0	0	0	0	0	28	0	0	28	0	0	0	0	0	0	14	0	0	14	42
Total	0	0	0	0	0	0	166	0	0	166	0	0	0	0	0	0	87	0	0	87	253
11:00 PM	0	0	0	0	0	0	18	0	0	18	0	0	0	0	0	0	11	0	0	11	29
11:15 PM	0	0	0	0	0	0	39	0	0	39	0	0	0	0	0	0	17	0	0	17	56
11:30 PM	0	0	0	0	0	0	20	0	0	20	0	0	0	0	0	0	6	0	0	6	26
11:45 PM	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	10	0	0	10	25
Total	0	0	0	0	0	0	92	0	0	92	0	0	0	0	0	0	44	0	0	44	136
Grand Total	0	0	0	0	0	0	7902	0	0	7902	0	0	0	0	0	0	7849	0	0	7849	15751
Apprch %	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
Total %	0	0	0	0	0	0	50.2	0	0	50.2	0	0	0	0	0	0	49.8	0	0	49.8	
Cars	0	0	0	0	0	0	7442	0	0	7442	0	0	0	0	0	0	7439	0	0	7439	14881
% Cars	0	0	0	0	0	0	94.2	0	0	94.2	0	0	0	0	0	0	94.8	0	0	94.8	94.5
Buses	0	0	0	0	0	0	25	0	0	25	0	0	0	0	0	0	18	0	0	18	43
% Buses	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0	0	0	0	0.2	0	0	0.2	0.3
Trucks	0	0	0	0	0	0	435	0	0	435	0	0	0	0	0	0	392	0	0	392	827
% Trucks	0	0	0	0	0	0	5.5	0	0	5.5	0	0	0	0	0	0	5	0	0	5	5.3



File Name : 8_KY90_at_West-End-of-Bridge_24ATR_03302022
Site Code : Site 8
Start Date : 3/30/2022
Page No : 4





Cummins Consulting Services, LLC

swcummins@ccsdata.com 859-361-2589

"2022 ... Data Collection simplified"

File Name : 8_KY90_at_West-End-of-Bridge_24ATR_03302022

Site Code : Site 8

Start Date : 3/30/2022

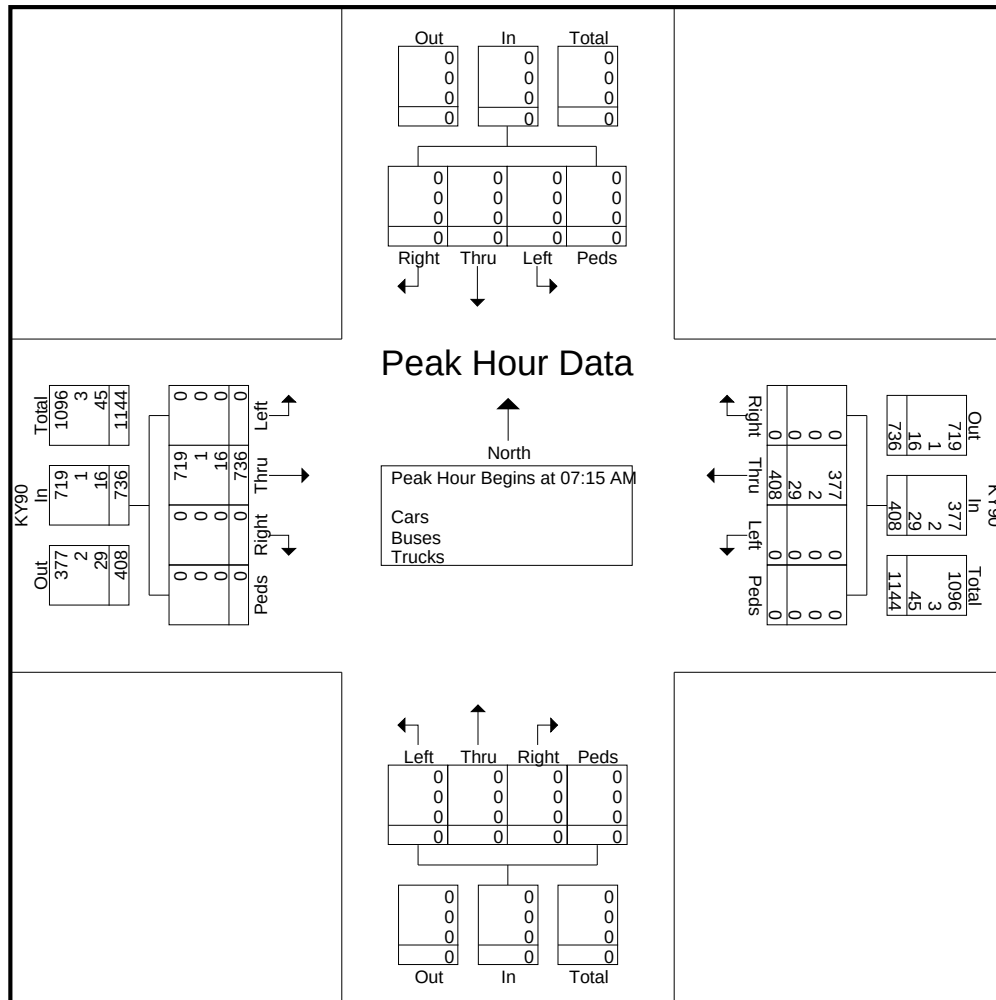
Page No : 5

	From North					KY90 From East					From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total

Peak Hour Analysis From 12:00 AM to 09:00 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:15 AM

07:15 AM	0	0	0	0	0	0	78	0	0	78	0	0	0	0	0	0	166	0	0	166	244
07:30 AM	0	0	0	0	0	0	111	0	0	111	0	0	0	0	0	0	240	0	0	240	351
07:45 AM	0	0	0	0	0	0	110	0	0	110	0	0	0	0	0	0	179	0	0	179	289
08:00 AM	0	0	0	0	0	0	109	0	0	109	0	0	0	0	0	0	151	0	0	151	260
Total Volume	0	0	0	0	0	0	408	0	0	408	0	0	0	0	0	0	736	0	0	736	1144
% App. Total	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.919	.000	.000	.919	.000	.000	.000	.000	.000	.000	.767	.000	.000	.767	.815
Cars	0	0	0	0	0	0	377	0	0	377	0	0	0	0	0	0	719	0	0	719	1096
% Cars	0	0	0	0	0	0	92.4	0	0	92.4	0	0	0	0	0	0	97.7	0	0	97.7	95.8
Buses	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
% Buses	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0.1	0	0	0.1	0.3
Trucks	0	0	0	0	0	0	29	0	0	29	0	0	0	0	0	0	16	0	0	16	45
% Trucks	0	0	0	0	0	0	7.1	0	0	7.1	0	0	0	0	0	0	2.2	0	0	2.2	3.9





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"2022 ... Data Collection simplified"

File Name : 8_KY90_at_West-End-of-Bridge_24ATR_03302022

Site Code : Site 8

Start Date : 3/30/2022

Page No : 6

	From North					KY90 From East					From South					KY90 From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 09:15 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:15 PM																					
12:15 PM	0	0	0	0	0	0	136	0	0	136	0	0	0	0	0	0	152	0	0	152	288
12:30 PM	0	0	0	0	0	0	138	0	0	138	0	0	0	0	0	0	140	0	0	140	278
12:45 PM	0	0	0	0	0	0	126	0	0	126	0	0	0	0	0	0	109	0	0	109	235
01:00 PM	0	0	0	0	0	0	122	0	0	122	0	0	0	0	0	0	110	0	0	110	232
Total Volume	0	0	0	0	0	0	522	0	0	522	0	0	0	0	0	0	511	0	0	511	1033
% App. Total	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.946	.000	.000	.946	.000	.000	.000	.000	.000	.000	.840	.000	.000	.840	.897
Cars	0	0	0	0	0	0	493	0	0	493	0	0	0	0	0	0	472	0	0	472	965
% Cars	0	0	0	0	0	0	94.4	0	0	94.4	0	0	0	0	0	0	92.4	0	0	92.4	93.4
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks	0	0	0	0	0	0	29	0	0	29	0	0	0	0	0	0	39	0	0	39	68
% Trucks	0	0	0	0	0	0	5.6	0	0	5.6	0	0	0	0	0	0	7.6	0	0	7.6	6.6

