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# **ROS-159 Signal Re-Timing Analysis Operational Report**

**Crawford, Murphy & Tilly, Inc.**

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## I. Overview

Crawford, Murphy & Tilly, Inc. (CMT) was retained by the Ohio Department of Transportation to conduct traffic signal timing analyses on approximately 1.5 mile of roadway on SR-159 between the Stewart Rd and the Menards entrance intersections, in the City of Chillicothe, Ross County, Ohio. SR-159 is a heavily traveled north/south corridor. The corridor is classified as an urban minor arterial south of the US-35 interchange, and as an urban principal arterial north of the interchange. The study includes analyses of the following signalized intersections:

1. SR-159 and Stewart Road
2. SR-159 and US-35 EB Ramp
3. SR-159 and US-35 WB Off Ramp / Plaza Blvd
4. SR-159 and Marietta Road
5. SR-159 and Winona Blvd
6. SR-159 and Pawnee Road
7. SR-159 and Chillicothe Mall Entrance
8. SR-159 and Mt. Logan Farms Drive
9. SR-159 and Seney Road
10. SR-159 and Menards Entrance

A general location map is shown in *Figure-1* below:

**Figure 1: General Location Map**



## II. Analysis

### A. Signal Operational Analyses

Traffic modeling and analysis software, *Synchro v10*, was used for the signal operation analyses. Models were designed for the different peak conditions:

1. AM Peak model
2. Mid-day Peak model
3. PM Peak model
4. Off Peak model
5. Weekend Off Peak model
6. Weekend Peak model

*Synchro* is used to determine the Level-of-Service (LOS) defined in terms of delay. *Table-1* shows the definitions of each LOS.

***Table 1: Level of Service Criteria for Signalized Intersections***

Level of Service	Description	Delay
A	Very low delay	<10 seconds per vehicle
B	Good Progression	10-20 seconds per vehicle
C	Limit of acceptable delay	20-35 seconds per vehicle
D	Start of traffic breakdown	35-55 seconds per vehicle
E	High delay	55-80 seconds per vehicle
F	Congested conditions, unacceptable delay	>80 seconds per vehicle

Comparisons of the Level of Service and Control Delays for the studied intersections are presented for the pre-study and optimized timings in *Table 2*.

**Table 2: LOS (Delay, in sec)**

Intersection		SR-159 @ Stewart Rd	SR-159 @ US-35 EB Ramps	SR-159 @ US-35 WB Off Ramp	SR-159 @ Marietta Rd	SR-159 @ Winona Blvd	SR-159 @ Pawnee Rd	SR-159 @ Chillicothe Mall	SR-159 @ Mt. Logan	SR-159 @ Seney Rd	SR-159 @ Menards
AM	Pre-Study	A (8.4)	B (12.9)	B (10.2)	B (11.7)	A (5.8)	A (7.1)	A (6.3)	A (9.3)	A (6.3)	A (4.7)
	Optimized	A (7.9)	B (13.4)	B (10)	A (9.9)	A (4.2)	A (8)	A (6.5)	A (4)	A (3.8)	A (3.2)
	% Change	-6%	4%	-2%	-17%	-32%	12%	3%	-80%	-50%	-38%
Midday	Pre-Study	D (35.8)	C (25.4)	C (27.8)	C (23.1)	B (18.1)	B (12.8)	B (19.6)	C (21.9)	F (106.1)	B (10.6)
	Optimized	B (17.8)	C (20.2)	B (14.4)	B (19.6)	B (10.4)	B (12.9)	B (19)	B (14.5)	B (11.1)	A (8.2)
	% Change	-67%	-23%	-64%	-16%	-54%	1%	-3%	-41%	-162%	-26%
PM	Pre-Study	E (66)	C (31.8)	C (25.1)	C (25.2)	B (18.1)	B (14.5)	B (14.7)	C (20.2)	E (57.4)	B (11.9)
	Optimized	C (21.7)	C (26.2)	B (14.3)	C (24.7)	B (13.7)	B (11.9)	B (16.8)	B (17.2)	A (9.9)	A (8.9)
	% Change	-101%	-19%	-55%	-2%	-28%	-20%	13%	-16%	-141%	-29%
Off	Pre-Study	B (13.3)	A (6.6)	A (6.9)	A (9.9)	A (8.8)	A (6.8)	A (9.4)	A (7.4)	A (7.5)	A (3.2)
	Optimized	B (13.3)	A (6.4)	A (6.7)	A (9.9)	A (6.5)	A (7.4)	A (9.5)	A (5.2)	A (6.4)	A (3.8)
	% Change	0%	-3%	-3%	0%	-30%	8%	1%	-35%	-16%	17%
Wkend Off	Pre-Study	E (60.9)	C (25.6)	C (31.2)	B (18.4)	B (18.6)	B (10.8)	B (18.2)	C (20.2)	E (78.5)	B (10.6)
	Optimized	B (16.4)	B (15.6)	B (10.4)	B (18)	B (12.4)	A (8.9)	B (11)	B (12.2)	B (10.5)	A (9.9)
	% Change	-115%	-49%	-100%	-2%	-40%	-19%	-49%	-49%	-153%	-7%
Weekend	Pre-Study	F (85.6)	B (19.7)	D (50.6)	C (22.6)	B (17.8)	B (13.9)	B (19.3)	C (25.7)	F (100.2)	B (11.2)
	Optimized	C (22.9)	B (15.2)	B (19.4)	C (25.9)	C (21.3)	B (12.3)	C (20.9)	B (18.8)	B (12.2)	B (11)
	% Change	-116%	-26%	-89%	14%	18%	-12%	8%	-31%	-157%	-2%

The Synchro Files are provided with the electronic submittal.

## B. Measures of Effectiveness (MOEs)

The overall network performance is indicated by measures of effectiveness (MOEs). Measures of effectiveness for the pre-study and optimized timings were compared for the analyses periods in terms of the following parameters:

- Travel Time (sec)
- Vehicle Delay (sec)
- Stopped Delay (sec)
- Stops/Vehicle
- Average Speed (mph)

Field observations show that there were backup queues on the US-35 EB exit ramp movement caused by the EB-LT demand (“around the corner” movement) which occasionally backs up to mainline US-35 EB. To address the queueing problem, the signal timing was optimized such that there is enough bandwidth to “flush” these EB-LT movements to travel north on the corridor. Doing so resulted in a trade-off with overall traffic operation on SR-159 in the SB direction.

The study area in INRIX was divided into three sections to capture the overall traffic operation of the corridor:

- US-35 EB exit ramp to SR-159 NB Bridge Street
- SR-159 NB/SB North of US-35 WB Ramp (North section)
- SR-159 NB/SB South of US-35 WB Ramp (South section)

The summary tables and graphical results of the travel time studies utilizing INRIX for the aforementioned parameters can be found below. Vehicle Delay was calculated by subtracting travel time from INRIX to free flow travel time (total segment length divided by speed limit) since the parameter is not an output of INRIX. Note that INRIX does not allow users to cut a predetermined segment in its database to exactly match the ROS-159 study limits, resulting in longer sections.

Table 3 shows the cumulative resulting travel time, delay, and speed metrics for each section. The table shows that there are travel time and speed improvements for the ramp “flush” movements and the south section of the study area. Improving these movements resulted in longer travel time and slower speed on the northern section. However, the 16-second increase in travel time and 3 MPH decrease in speed is insignificant considering the length of the study section (1.8 miles).

**Table 3: Cumulative Analysis**

Timing	Travel Time (sec)	Vehicle Delay (sec)	Average Speed (mph)
<b>CUMULATIVE - US-35 EB EXIT TO SR-159 NB</b>			
Pre-Study	168	94	19.03
Optimized	134	60	23.53
<b>% Change</b>	<b>-20%</b>	<b>-36%</b>	<b>24%</b>
<b>CUMULATIVE - SR-159 NB/SB (NORTH SECTION)</b>			
Pre-Study	175	10	37.83
Optimized	191	26	34.65
<b>% Change</b>	<b>9%</b>	<b>160%</b>	<b>-8%</b>
<b>CUMULATIVE - SR-159 NB/SB (SOUTH SECTION)</b>			
Pre-Study	225	94	23.64
Optimized	210	79	25.29
<b>% Change</b>	<b>-7%</b>	<b>-16%</b>	<b>7%</b>

Reduction  
 No Change  
 Increase

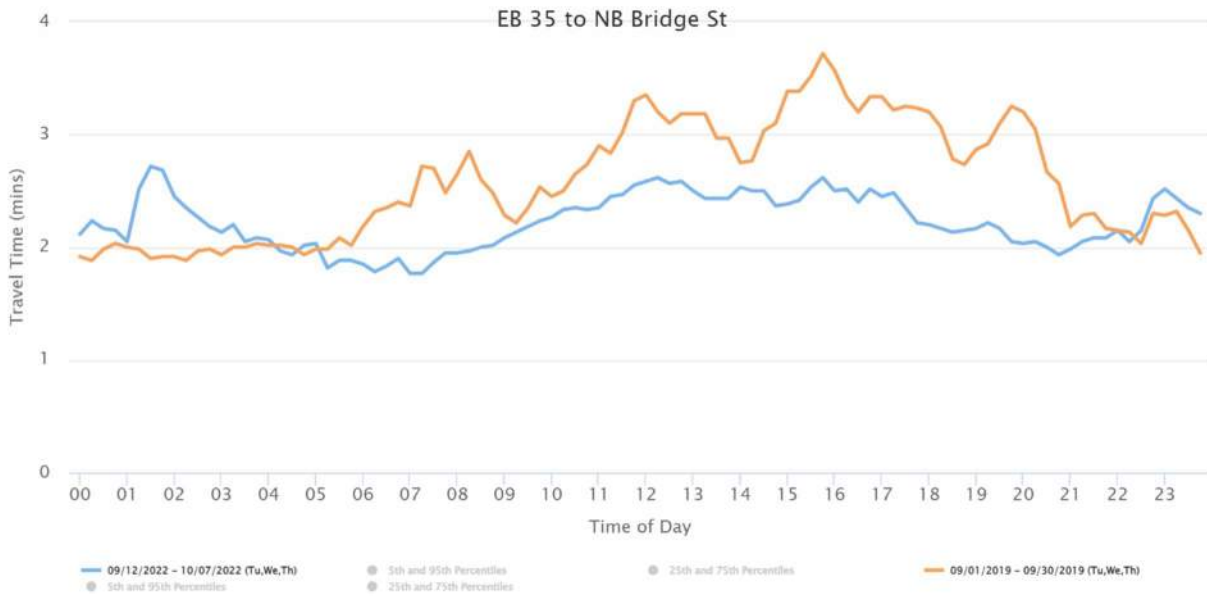
*(Note: in the case of average speed, green means an increase in overall travel speed, whereas red means a reduction in overall travel speed)*

Figures 2a through 4d show the time-of-day travel time and speed curves for each direction on each defined section. Figures 2a and 2b show that the travel time and speed improvements are captured throughout the day except during non-peak hours (~10PM to 4:30AM). The improvements are significant as shown by the gaps between the orange (before optimization) and blue (after optimization) lines.

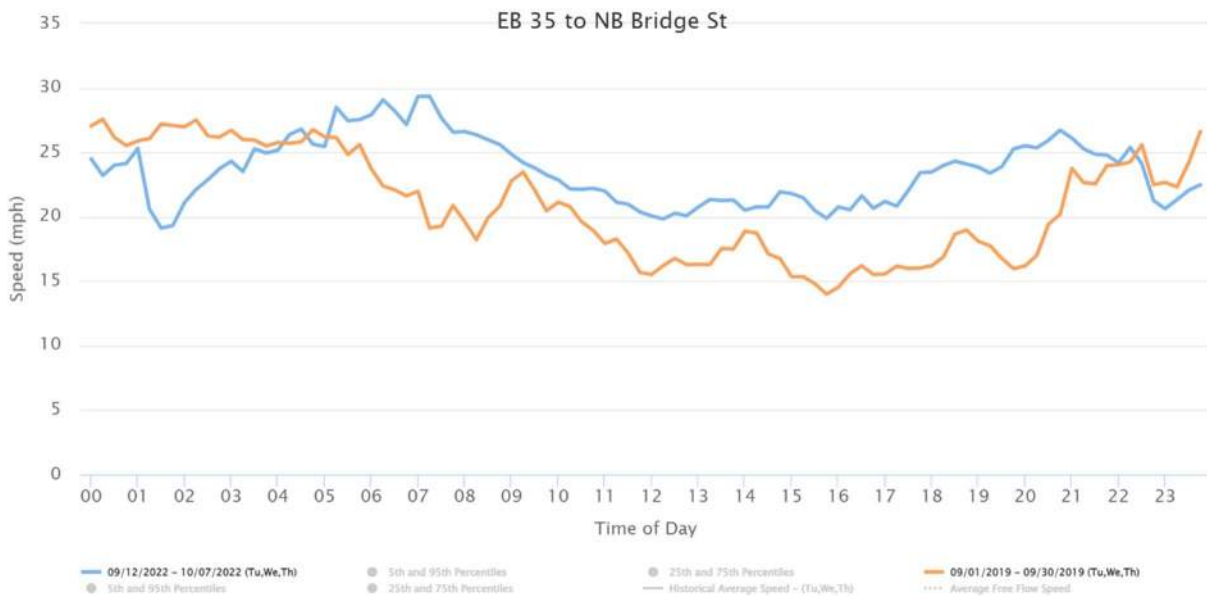
Figures 3a through 3d show increased travel time and reduced speed on the northern section of the study area that is consistent during the majority of the day. The orange and blue lines in the NB direction (Figures 3a and 3b) are closely spaced together indicating that the travel time and speed do not change significantly from pre-study conditions. Similar observation is shown in the SB direction except between the 11AM and 8PM period where the changes in these metrics appear to be higher.

Figures 4a through 4d show improvements in travel time and speed on the southern section of the study area throughout the majority of the day especially between the 5PM and 10PM periods. These improvements are observed for both NB and SB directions at the section.

**Figure 2a: ROS-159, Travel Time (US-35 EB Exit to SR-159 NB)**

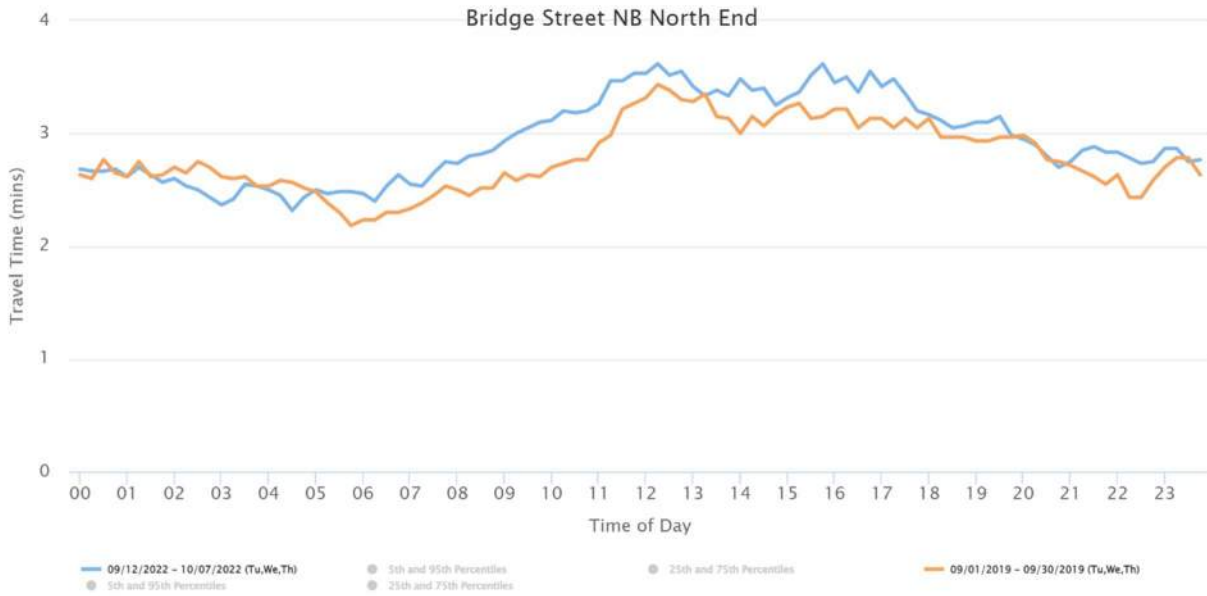


**Figure 2b: ROS-159, Speed (US-35 EB Exit to SR-159 NB)**





**Figure 3a: ROS-159, Travel Time NB (SR-159 North Section)**



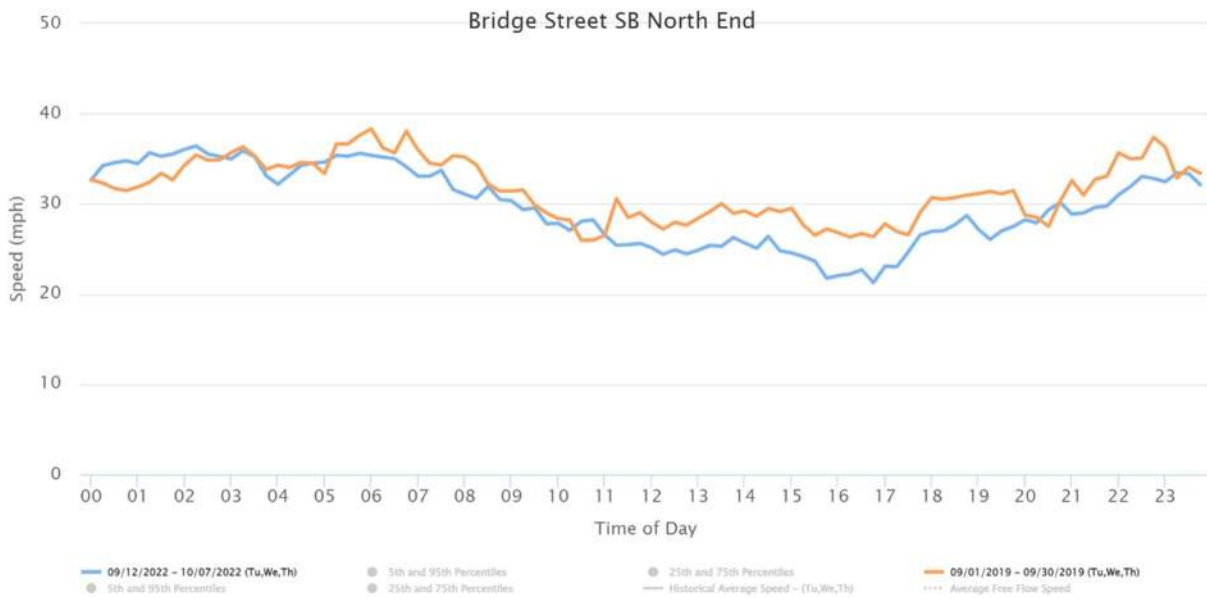
**Figure 3b: ROS-159, Speed NB (SR-159 North Section)**



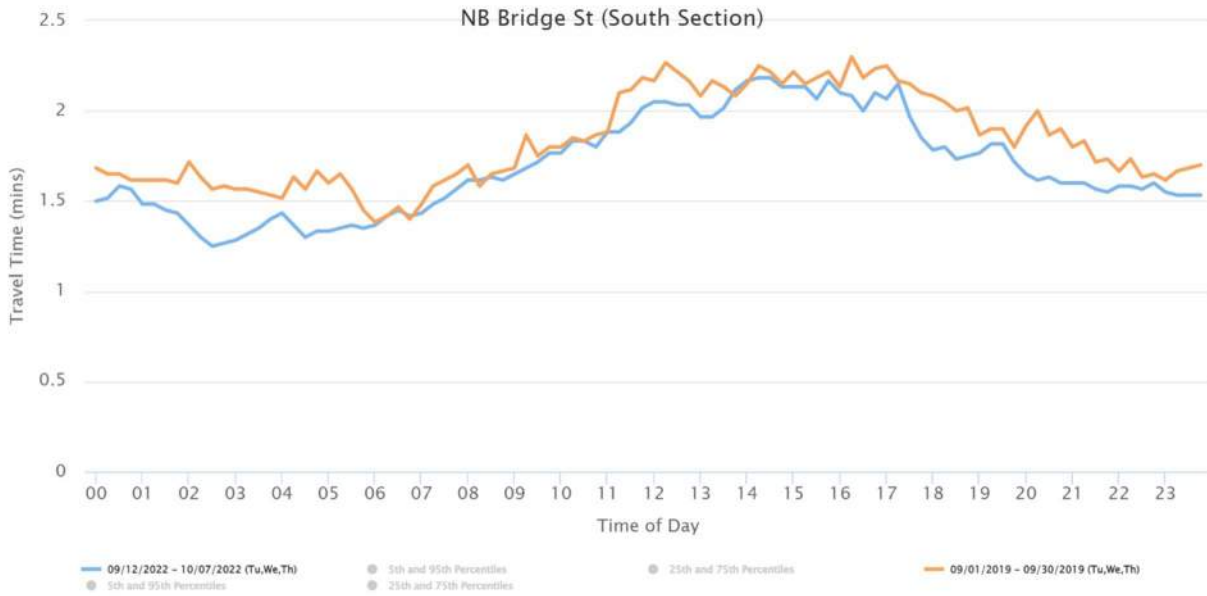
**Figure 3c: ROS-159, Travel Time SB (SR-159 North Section)**



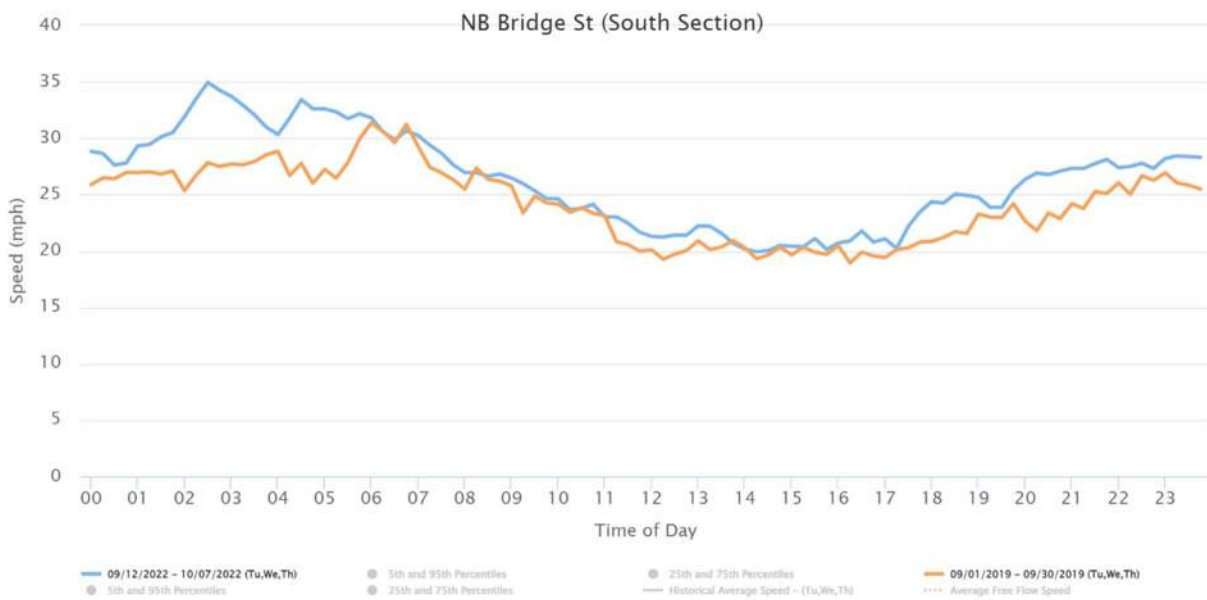
**Figure 3d: ROS-159, Speed SB (SR-159 North Section)**



**Figure 4a: ROS-159, Travel Time NB (SR-159 South Section)**



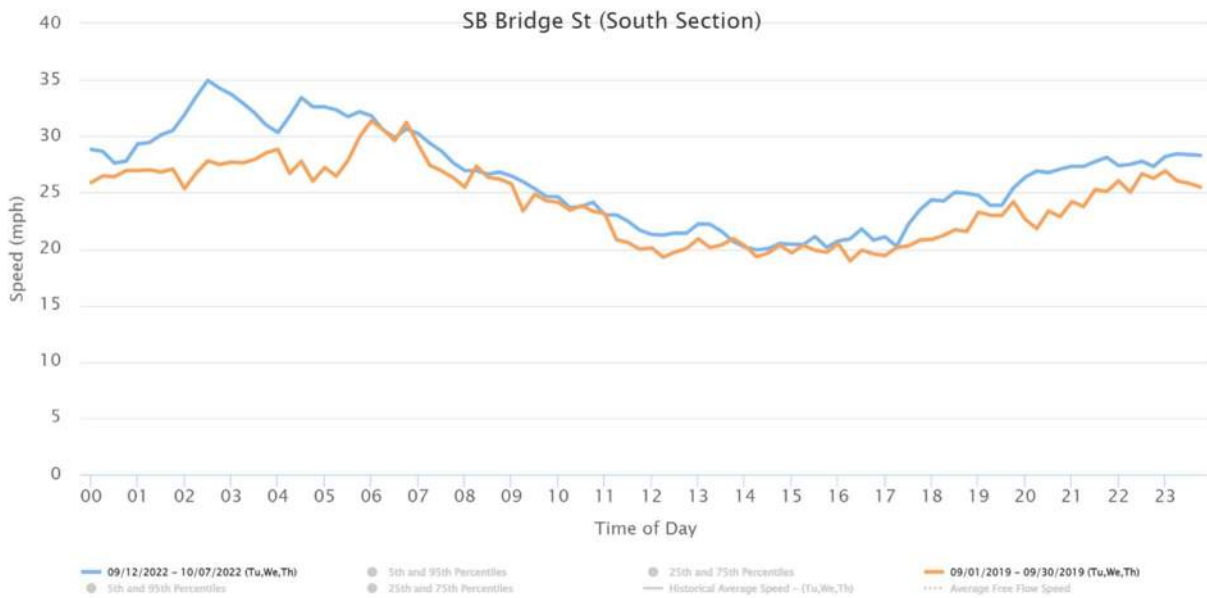
**Figure 4b: ROS-159, Speed NB (SR-159 South Section)**



**Figure 4c: ROS-159, Travel Time SB (SR-159 South Section)**

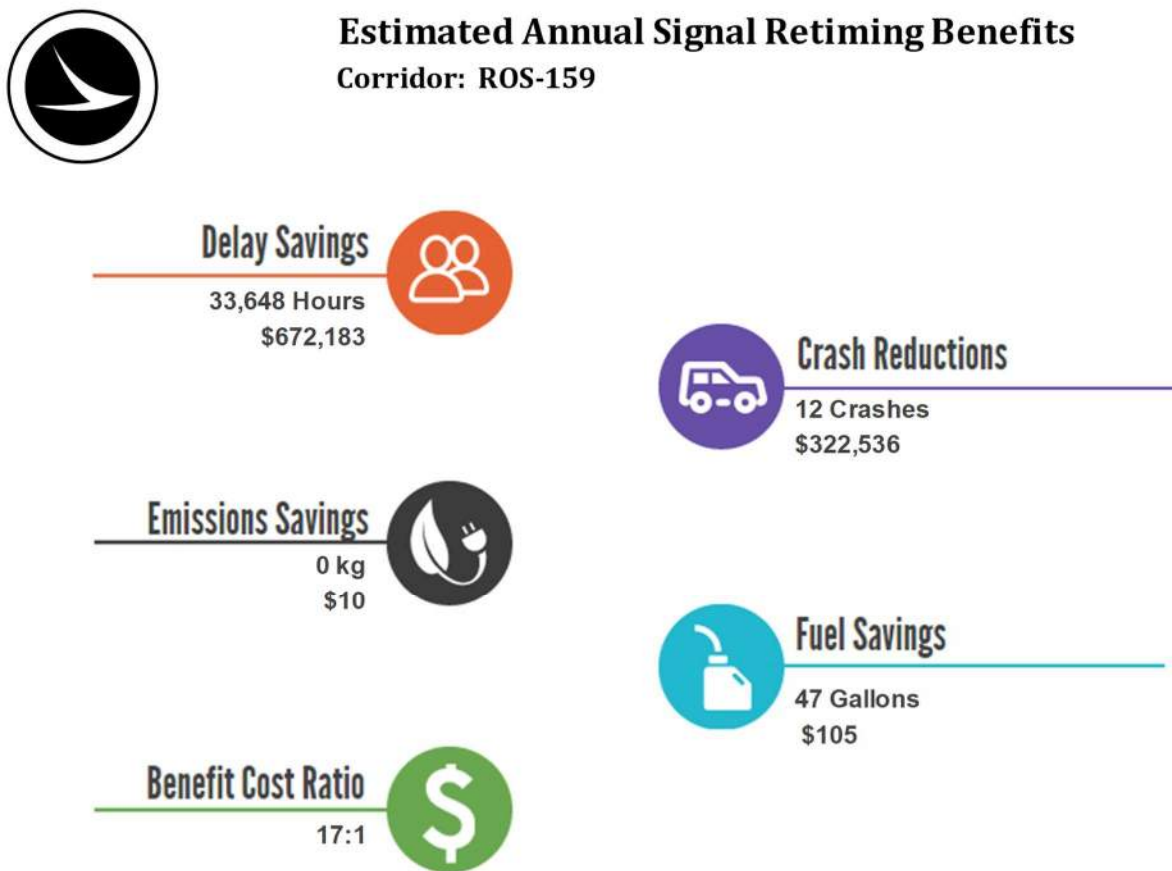


**Figure 4d: ROS-159, Speed SB (SR-159 South Section)**



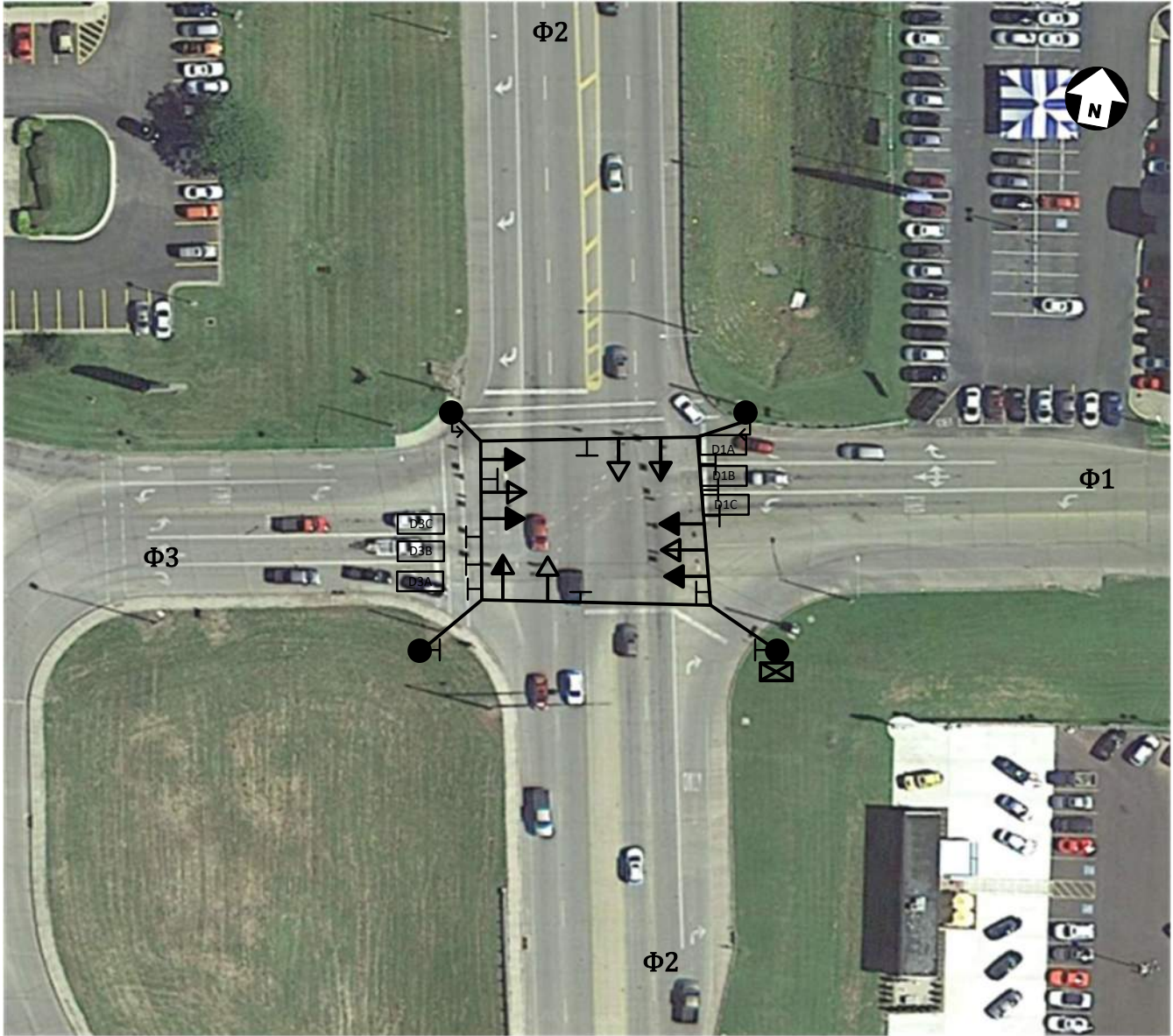
The optimized signal timing overall resulted in better traffic progression in the southern section of the study area (both directions) and the “around the corner” movement caused by the EB-LT movements from the US-35 EB exit ramp. Additional safety benefit is obtained from “flushing” the US-35 EB-LT exit ramp movement due to avoiding queues that extend to mainline US-35. These improvements came with the cost of a slight decrease in travel time and increase in speed on the north segment of Bridge Street that do not deviate significantly from pre-study conditions. Figure 5 below shows the estimated annual signal retiming benefits of the corridor.

*Figure 5: ROS-159, Estimated Annual Signal Retiming Benefits*

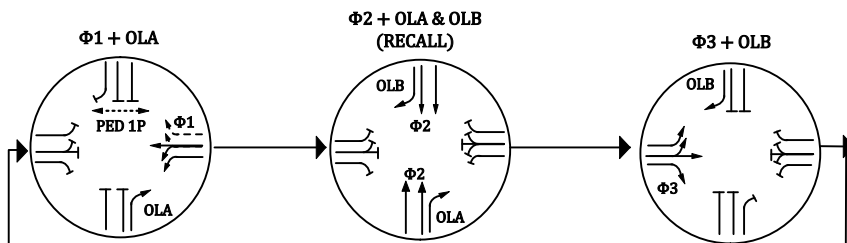
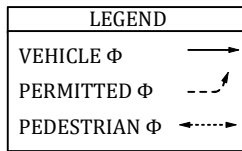


# SR-159 @ Stewart Rd

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM



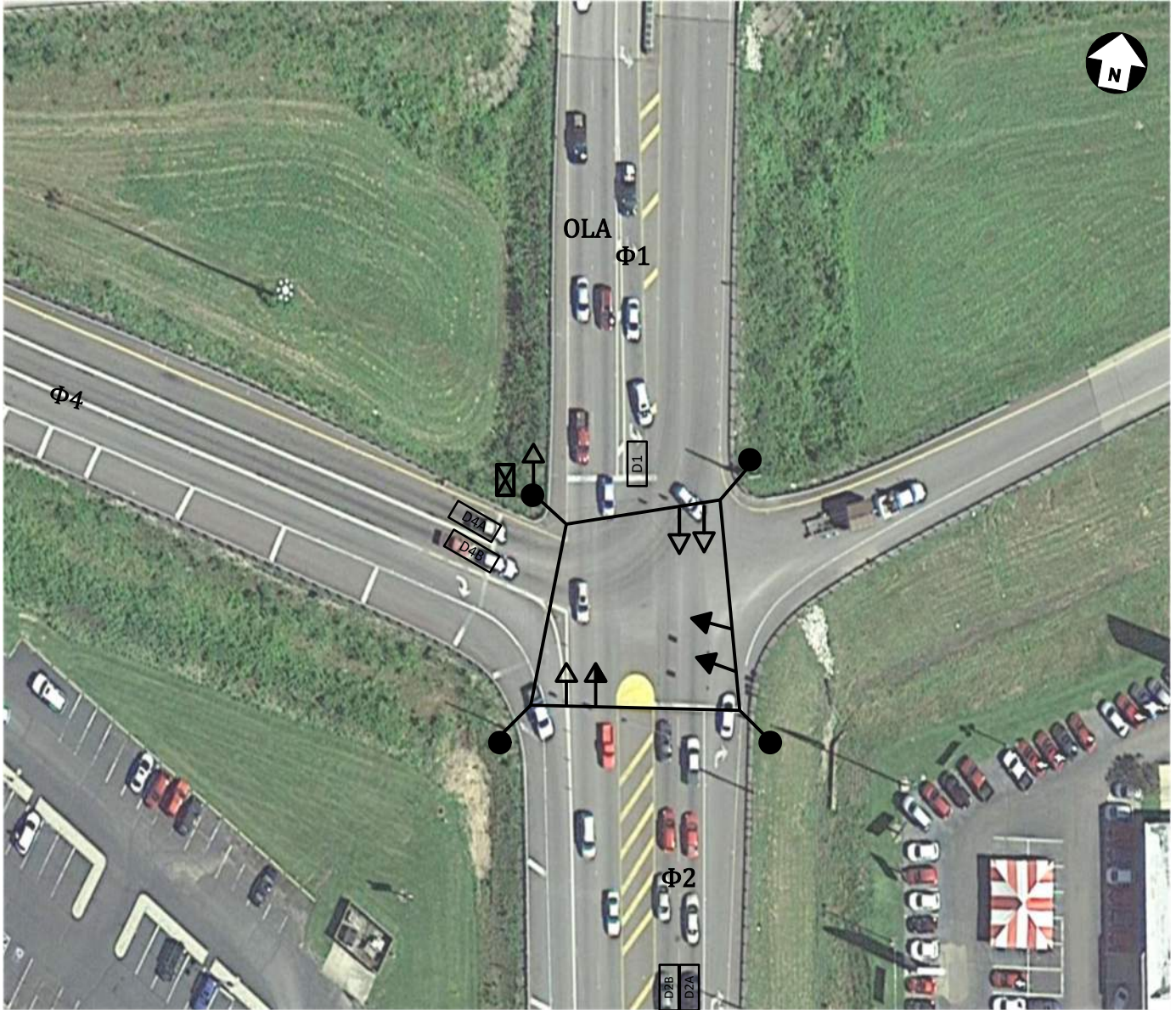
**NOTE:**

- MAINLINE PHASES 2&6
- OVERLAP A = OLA: OVERLAP OF  $\Phi 1$  &  $\Phi 2$
- OVERLAP B = OLB: OVERLAP OF  $\Phi 3$  &  $\Phi 2$

- SIGNAL POLE
- PEDESTAL
- ↙ PEDESTRIAN SIGNAL
- ↘ 3-SECTION SIGNAL
- ↖ 5-SECTION SIGNAL
- ↗ 3-SECTION W/ ARROWS
- ↙ 4-SECTION W/ ARROWS
- T SIGN LOCATION
- ☒ CONTROLLER CABINET W/ UPS
- DETECTION ZONE
- 📷 DETECTION CAMERA

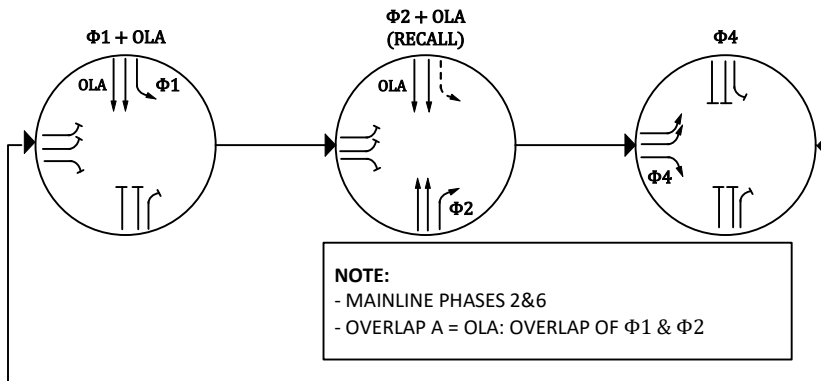
# SR-159 @ US-35 EB Ramps

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM

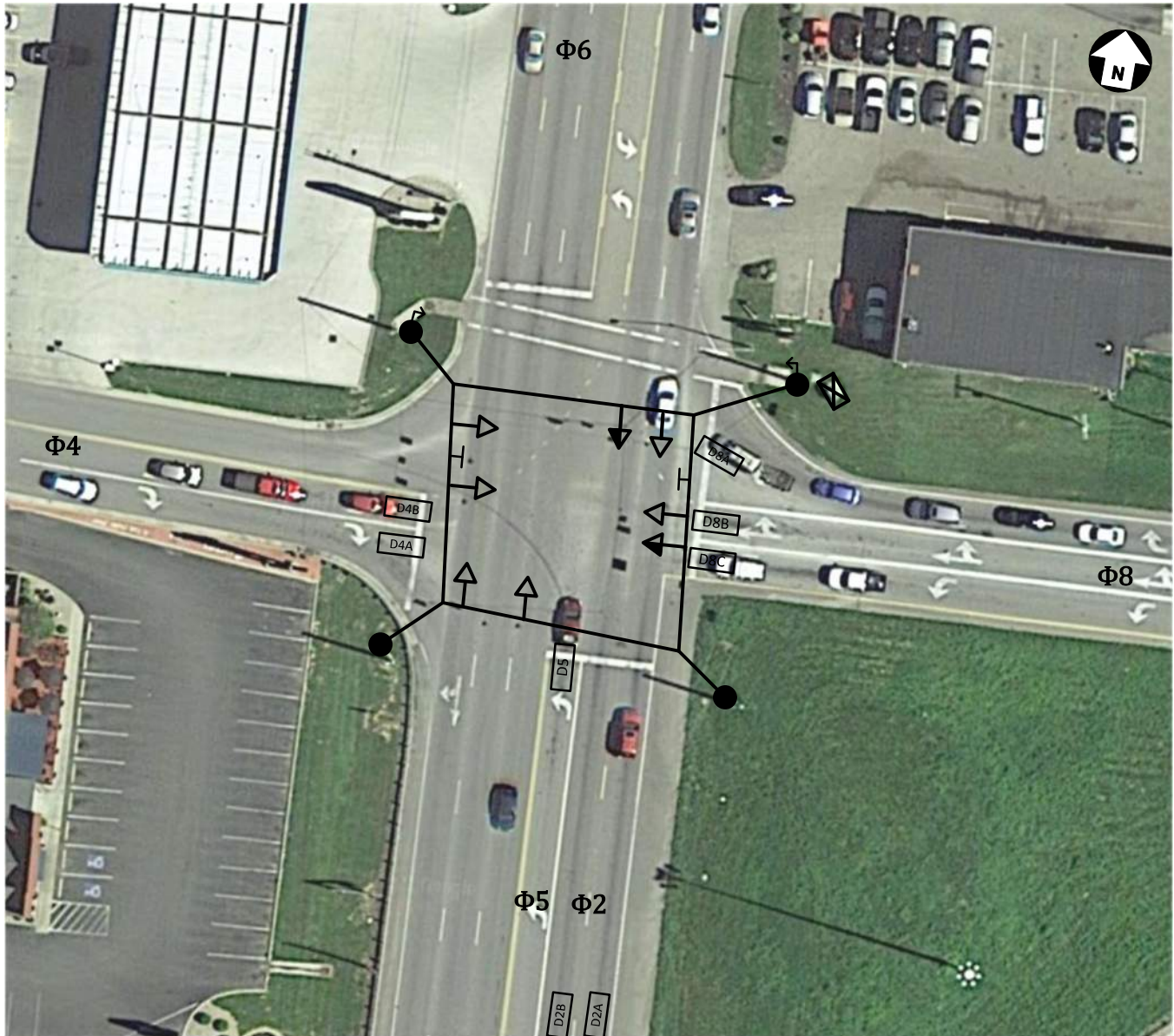
LEGEND	
VEHICLE $\Phi$	
PERMITTED $\Phi$	
PEDESTRIAN $\Phi$	



- SIGNAL POLE
- PEDESTAL
- PEDESTRIAN SIGNAL
- 3-SECTION SIGNAL
- 5-SECTION SIGNAL
- 3-SECTION W/ ARROWS
- 4-SECTION W/ ARROWS
- SIGN LOCATION
- CONTROLLER CABINET W/ UPS
- DETECTION ZONE
- DETECTION CAMERA

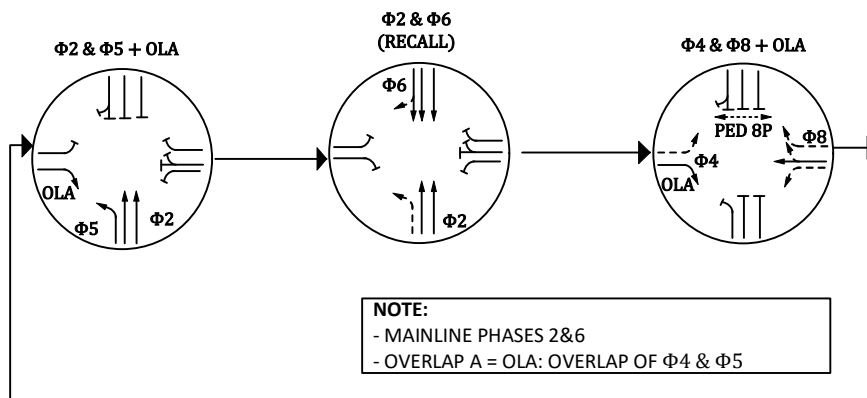
# SR-159 @ Plaza Blvd / US-35 WB Off Ramp

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM

LEGEND	
VEHICLE $\Phi$	
PERMITTED $\Phi$	
PEDESTRIAN $\Phi$	

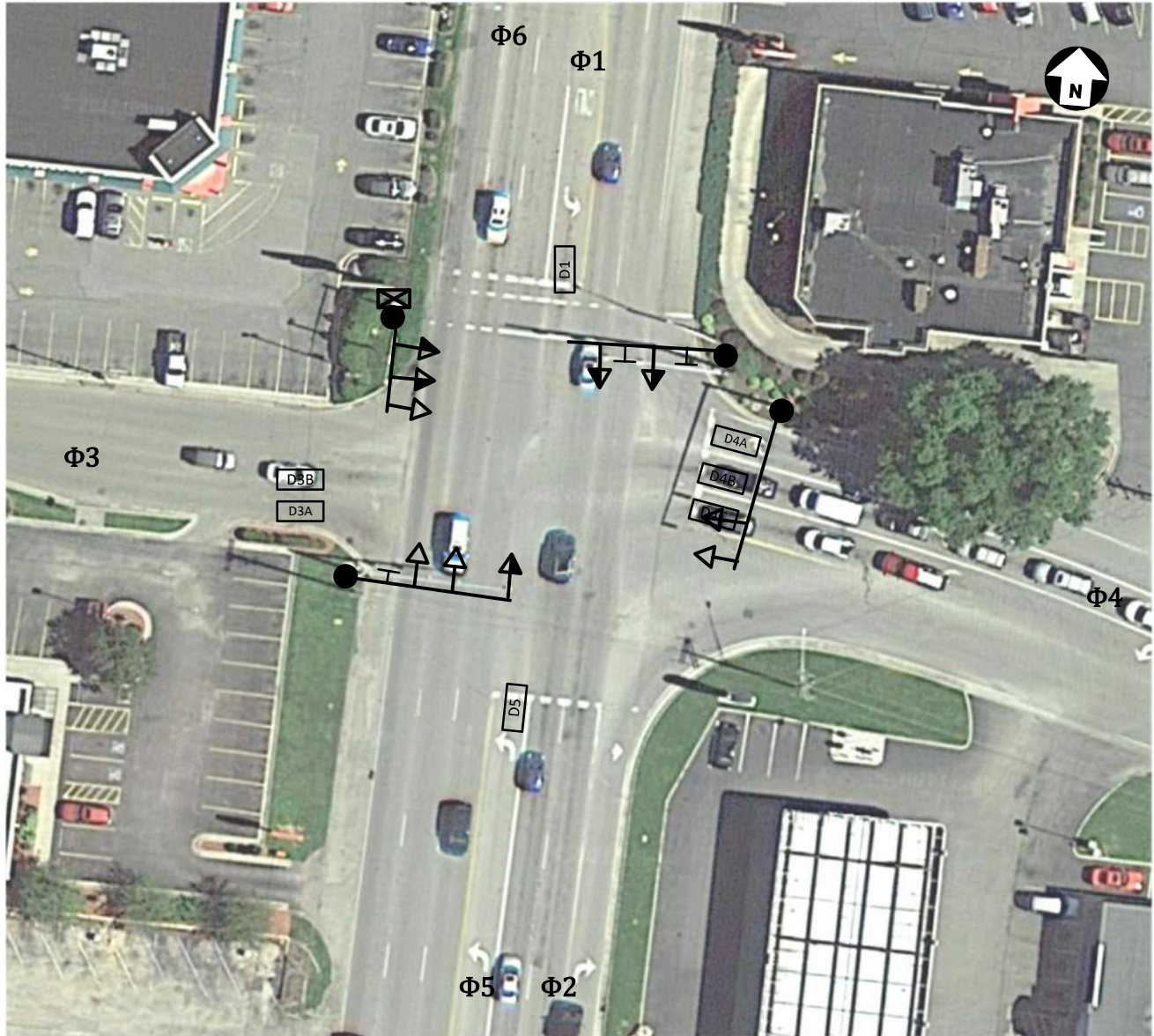


- SIGNAL POLE
- PEDESTAL
- PEDESTRIAN SIGNAL
- 3-SECTION SIGNAL
- 5-SECTION SIGNAL
- 3-SECTION W/ ARROWS
- 4-SECTION W/ ARROWS
- SIGN LOCATION
- CONTROLLER CABINET W/ UPS
- DETECTION ZONE
- DETECTION CAMERA

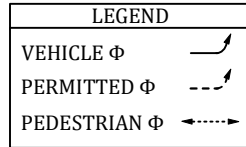


# SR-159 @ Marietta Rd

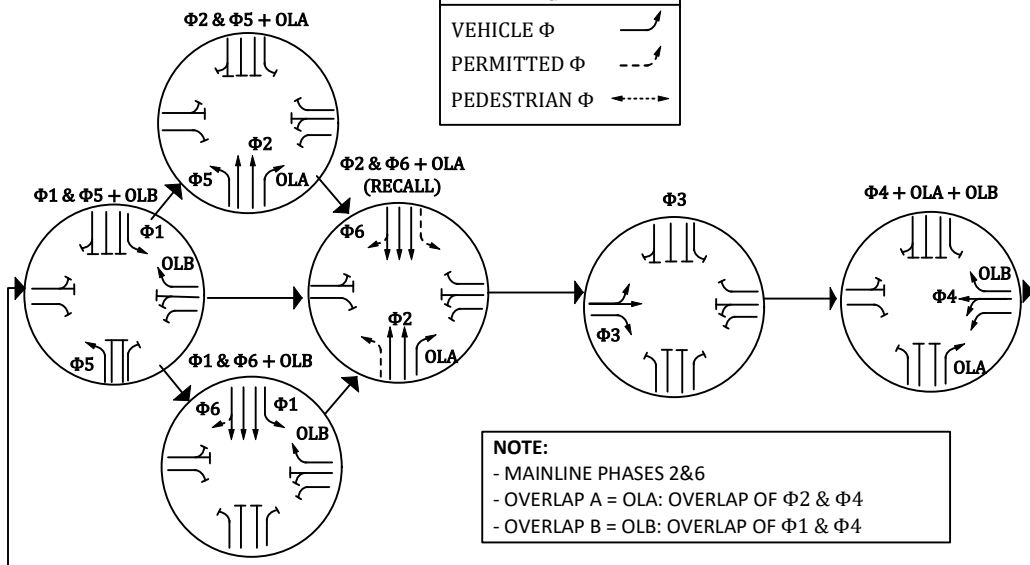
## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM



- SIGNAL POLE
- PEDESTAL
- ↷ PEDESTRIAN SIGNAL
- ↷ 3-SECTION SIGNAL
- ↷ 5-SECTION SIGNAL
- ↷ 3-SECTION W/ ARROWS
- ↷ 4-SECTION W/ ARROWS
- T SIGN LOCATION
- ☒ CONTROLLER CABINET W/ UPS
- DETECTION ZONE
- ⊙ DETECTION CAMERA



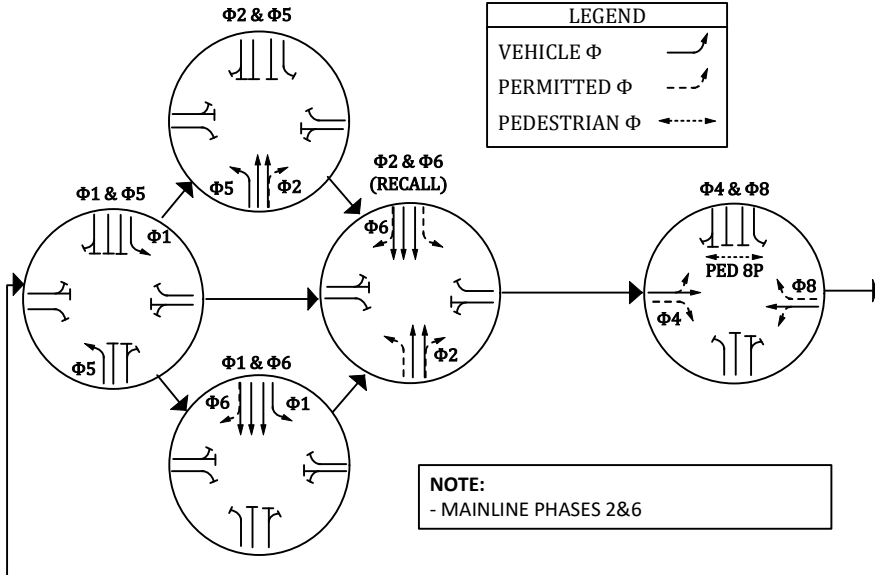
# SR- 159 @ Winona Blvd

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM

LEGEND	
VEHICLE $\Phi$	
PERMITTED $\Phi$	
PEDESTRIAN $\Phi$	



- SIGNAL POLE
- PEDESTAL
- PEDESTRIAN SIGNAL
- 3-SECTION SIGNAL
- 5-SECTION SIGNAL
- 3-SECTION W/ ARROWS
- 4-SECTION W/ ARROWS
- SIGN LOCATION
- CONTROLLER CABINET W/ UPS
- DETECTION ZONE
- DETECTION CAMERA

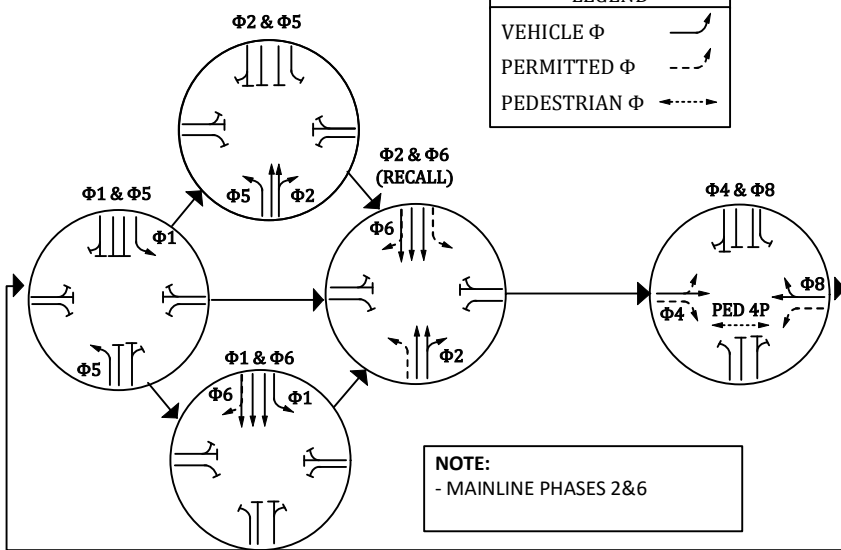
# SR-159 @ Pawnee Rd

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM

LEGEND	
VEHICLE Φ	↷
PERMITTED Φ	- - - ↷
PEDESTRIAN Φ	- - - ↷



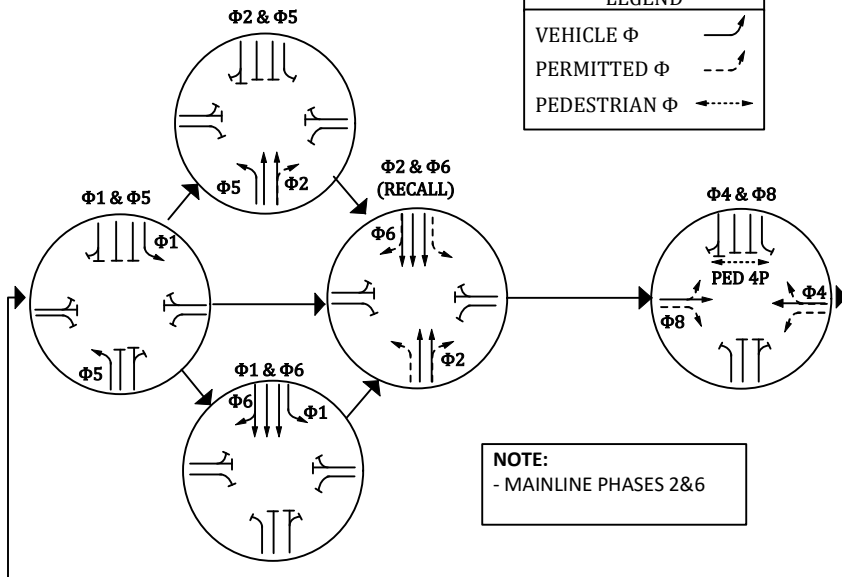
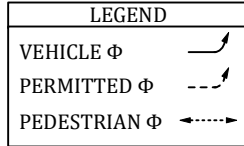
- SIGNAL POLE
- PEDESTAL
- ↷ PEDESTRIAN SIGNAL
- ↷ 3-SECTION SIGNAL
- ↷ 5-SECTION SIGNAL
- ↷ 3-SECTION W/ ARROWS
- ↷ 4-SECTION W/ ARROWS
- T SIGN LOCATION
- ☒ CONTROLLER CABINET W/ UPS
- DETECTION ZONE
- 📷 DETECTION CAMERA

# SR-159 @ Chillicothe Mall Entrance

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM



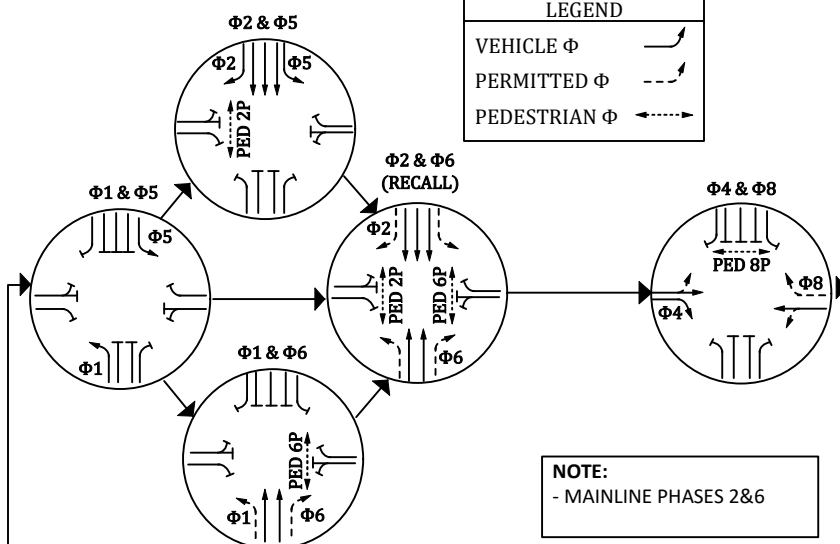
- SIGNAL POLE
- PEDESTAL
- PEDESTRIAN SIGNAL
- 3-SECTION SIGNAL
- 5-SECTION SIGNAL
- 3-SECTION W/ ARROWS
- 4-SECTION W/ ARROWS
- SIGN LOCATION
- CONTROLLER CABINET W/ UPS
- DETECTION ZONE
- DETECTION CAMERA

# SR-159 @ Mt Logan Farms Dr

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



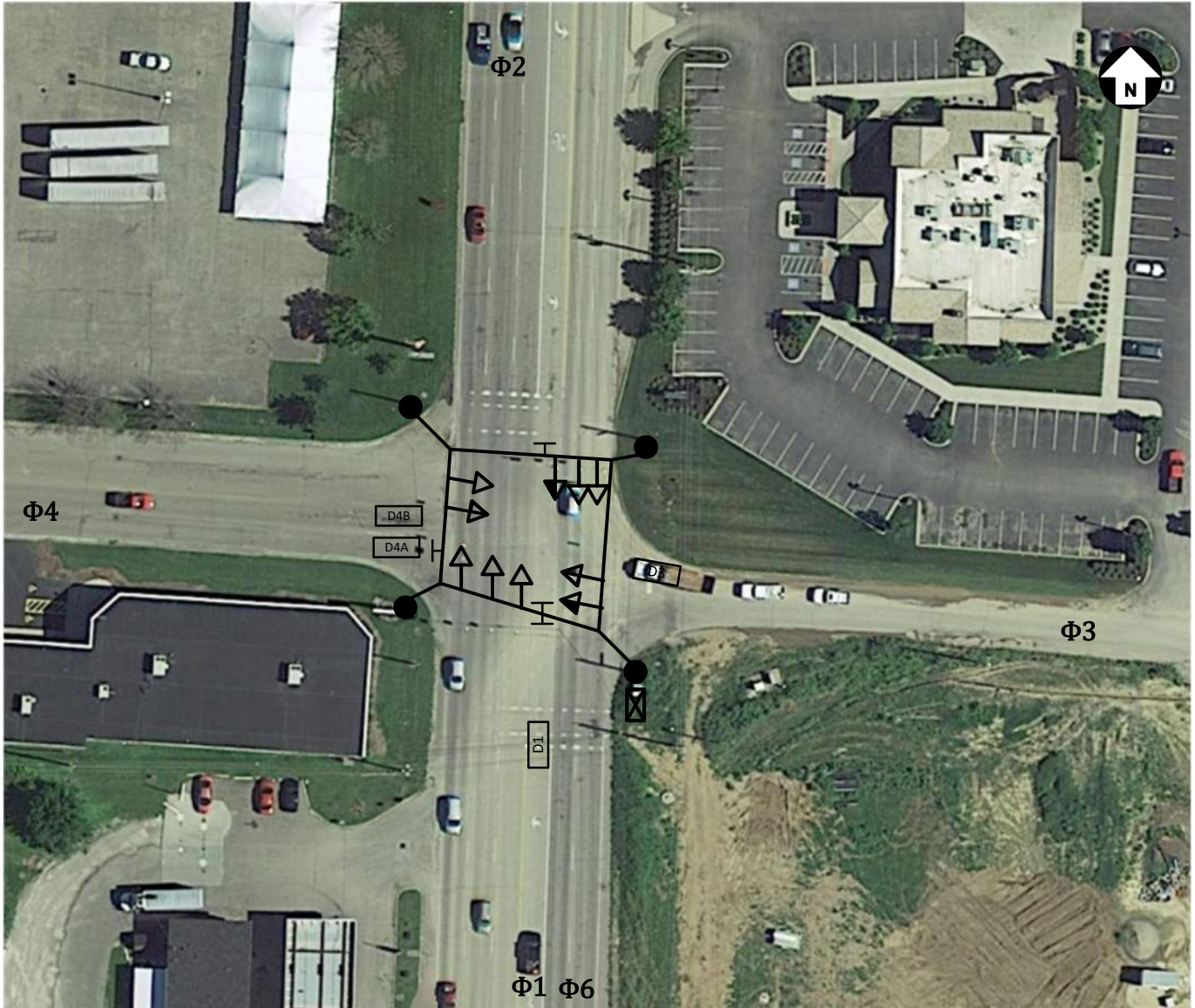
### PHASING DIAGRAM



- SIGNAL POLE
- PEDESTAL
- PEDESTRIAN SIGNAL
- 3-SECTION SIGNAL
- 5-SECTION SIGNAL
- 3-SECTION W/ ARROWS
- 4-SECTION W/ ARROWS
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- DETECTION CAMERA

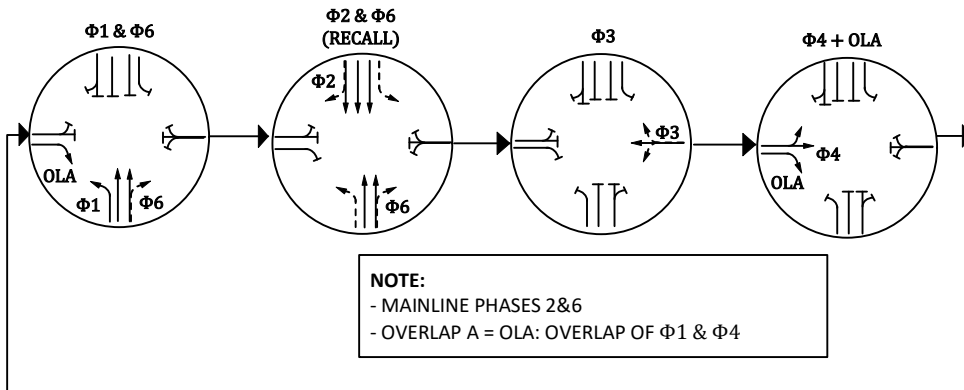
# SR-159 @ Seney Rd

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM

LEGEND	
VEHICLE $\Phi$	
PERMITTED $\Phi$	
PEDESTRIAN $\Phi$	



- SIGNAL POLE
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- PEDESTRIAN SIGNAL
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- 4-SECTION W/ ARROWS
- SIGN LOCATION
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- DETECTION ZONE
- DETECTION CAMERA

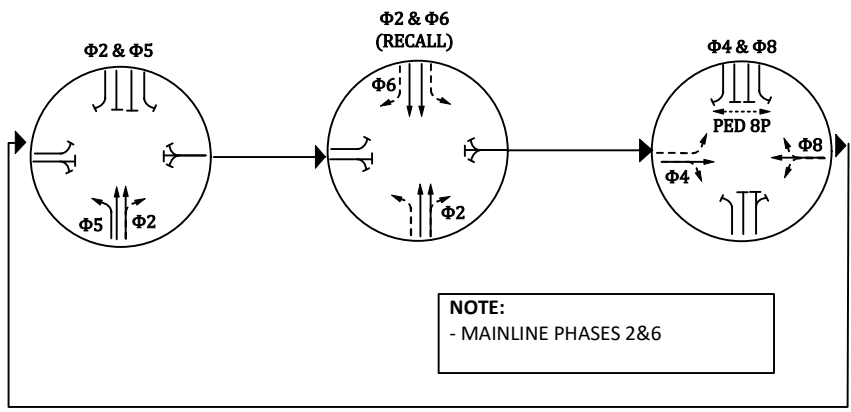
# SR-159 @ Menards Entrance

## EXISTING GEOMETRICS AND SIGNAL LAYOUT



### PHASING DIAGRAM

LEGEND	
VEHICLE $\Phi$	
PERMITTED $\Phi$	
PEDESTRIAN $\Phi$	



- SIGNAL POLE
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- 4-SECTION W/ ARROWS
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- DETECTION CAMERA

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND STEWART ROAD										
MAINTAINING AGENCY: CITY OF CHILLICOTHE										
START UP			DUAL ENTRY:		PHASES:					
START IN: ALL-RED FLASH			REST IN RED:		RING 1		RING 2			
TIME FOR: FLASH , ALL RED (SEC.): 9, 6			OVERLAP		A	B	C	D		
FIRST PHASE(S): 2			PHASES		-	-	-	-		
COLOR DISPLAYED: GREEN										
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			WB	NB/SB	EB	-	-	-	-	-
MINIMUM GREEN (INITIAL) (SEC.)			5	20	5	-	-	-	-	-
ADDED INITIAL *(SEC./ACTUATION)			-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)			-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)			3	3	3	-	-	-	-	-
TIME BEFORE REDUCTION *(SEC.)			-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)			-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)			-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)			27	36	17	-	-	-	-	-
MAXIMUM GREEN II (SEC.)			24	40	20	-	-	-	-	-
YELLOW CHANGE (SEC.)			3.6	3.9	3.6	-	-	-	-	-
ALL RED CLEARANCE (SEC.)			2.4	1.9	2.1	-	-	-	-	-
DELAYED GREEN (LPI) # (SEC.)			-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)			-	-	-	-	-	-	-	-
WALK (SEC.)			6	6	-	-	-	-	-	-
PEDESTRIAN CLEARANCE (SEC.)			30	10	-	-	-	-	-	-
RECALL	MAXIMUM (ON/OFF)	OFF	OFF	OFF	-	-	-	-	-	
	MINIMUM (ON/OFF)	OFF	ON	OFF	-	-	-	-	-	
	PEDESTRIAN (ON/OFF)	OFF	OFF	OFF	-	-	-	-	-	
MEMORY (ON/OFF)			-	-	-	-	-	-	-	-

\*VOLUME DENSITY CONTROLS

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-



**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND US 35 EASTBOUND RAMPS MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>		DUAL ENTRY: YES		PHASES: 2, 6					
START IN: ALL-RED FLASH		REST IN RED:		RING 1 -		RING 2 -			
TIME FOR FLASH / ALL RED (SEC.): 9, 6		OVERLAP		A	B	C	D		
FIRST PHASE(S): 2, 6		PHASES		-	-	-	-		
COLOR DISPLAYED: GREEN									
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SBLT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL) (SEC.)		3	15	-	5	-	15	-	-
ADDED INITIAL *(SEC./ACTUATION)		-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)		-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)		3	3	-	5	-	3	-	-
TIME BEFORE REDUCTION *(SEC.)		-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)		-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)		-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)		15	40	-	20	-	40	-	-
MAXIMUM GREEN II (SEC.)		40	40	-	40	-	40	-	-
YELLOW CHANGE (SEC.)		3	3.9	-	4.7	-	3.9	-	-
ALL RED CLEARANCE (SEC.)		2	1.8	-	1.7	-	1.8	-	-
DELAYED GREEN (LPI) # (SEC.)		-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)		-	-	-	-	-	-	-	-
WALK (SEC.)		-	-	-	-	-	-	-	-
PEDESTRIAN CLEARANCE (SEC.)		-	-	-	-	-	-	-	-
RECALL	MAXIMUM (ON/OFF)	OFF	OFF	-	OFF	-	OFF	-	-
	MINIMUM (ON/OFF)	OFF	ON	-	OFF	-	ON	-	-
	PEDESTRIAN (ON/OFF)	OFF	OFF	-	OFF	-	OFF	-	-
MEMORY (ON/OFF)		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND PLAZA BOULEVARD / US 35 WB OFF RAMP MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> GREEN	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8						
	<b>REST IN RED:</b>		RING 1 -			RING 2 -			
	<b>OVERLAP</b>		A	B	C	D			
	<b>PHASES</b>		4, 5	-	-	-			
<b>INTERVAL OR FEATURE</b>		<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>		1	2	3	4	5	6	7	8
<b>DIRECTION</b>		-	NB	-	EB	NBLT	SB	-	WB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>		-	25	-	5	3	25	-	5
<b>ADDED INITIAL *(SEC./ACTUATION)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>		-	3	-	3	3	3	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>		-	80	-	15	15	70	-	15
<b>MAXIMUM GREEN II (SEC.)</b>		-	80	-	15	15	70	-	15
<b>YELLOW CHANGE (SEC.)</b>		-	3.9	-	3.9	3.9	3.9	-	3.9
<b>ALL RED CLEARANCE (SEC.)</b>		-	2	-	2	2	2	-	2
<b>DELAYED GREEN (LPI) # (SEC.)</b>		-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>		-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>		-	-	-	-	-	-	-	7
<b>PEDESTRIAN CLEARANCE (SEC.)</b>		-	-	-	-	-	-	-	18
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	-	OFF
	<b>MINIMUM (ON/OFF)</b>	-	ON	-	OFF	OFF	ON	-	OFF
	<b>PEDESTRIAN (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	-	OFF
<b>MEMORY (ON/OFF)</b>		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND MARIETTA ROAD MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>		DUAL ENTRY: YES	PHASES: 2, 6							
START IN: ALL-RED FLASH		REST IN RED: RING 1 -		RING 2 -						
TIME FOR FLASH / ALL RED (SEC.): 9, 6		OVERLAP		A	B	C	D			
FIRST PHASE(S): 2, 6		PHASES		2, 4	1, 4	-	-			
COLOR DISPLAYED: GREEN										
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.								
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8	
DIRECTION		SBLT	NB	EB	WB	NBLT	SB	-	-	
MINIMUM GREEN (INITIAL) (SEC.)		5	20	5	5	5	20	-	-	
ADDED INITIAL *(SEC./ACTUATION)		-	-	-	-	-	-	-	-	
MAXIMUM INITIAL *(SEC.)		-	-	-	-	-	-	-	-	
PASSAGE TIME (PRESET GAP) (SEC.)		3	5	3	3	3	5	-	-	
TIME BEFORE REDUCTION *(SEC.)		-	-	-	-	-	-	-	-	
MINIMUM GAP *(SEC.)		-	-	-	-	-	-	-	-	
TIME TO REDUCE *(SEC.)		-	-	-	-	-	-	-	-	
MAXIMUM GREEN I (SEC.)		15	40	27	27	15	40	-	-	
MAXIMUM GREEN II (SEC.)		40	40	40	40	40	40	-	-	
YELLOW CHANGE (SEC.)		4	4.9	3.6	3.6	4	4.9	-	-	
ALL RED CLEARANCE (SEC.)		2	2.4	2.1	2.2	2	2.4	-	-	
DELAYED GREEN (LPI) # (SEC.)		-	-	-	-	-	-	-	-	
FLASHING YELLOW ARROW DELAY^ (SEC.)		-	-	-	-	-	-	-	-	
WALK (SEC.)		-	-	-	6	-	-	-	-	
PEDESTRIAN CLEARANCE (SEC.)		-	-	-	24	-	-	-	-	
RECALL	MAXIMUM (ON/OFF)	OFF	OFF	OFF	OFF	OFF	OFF	OFF	-	
	MINIMUM (ON/OFF)	OFF	ON	OFF	OFF	OFF	OFF	ON	-	
	PEDESTRIAN (ON/OFF)	OFF	OFF	OFF	OFF	OFF	OFF	OFF	-	
MEMORY (ON/OFF)		-	-	-	-	-	-	-	-	

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND WINONA BOULEVARD MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> GREEN	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8						
	<b>REST IN RED:</b>		RING 1 -		RING 2 -				
	<b>OVERLAP</b>		A	B	C	D			
	<b>PHASES</b>		-	-	-	-			
<b>INTERVAL OR FEATURE</b>		<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>		1	2	3	4	5	6	7	8
<b>DIRECTION</b>		SBLT	NB	-	EB	NBLT	SB	-	WB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>		4	20	-	5	4	20	-	5
<b>ADDED INITIAL *(SEC./ACTUATION)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>		3	3	-	3	3	5	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>		15	40	-	27	15	40	-	27
<b>MAXIMUM GREEN II (SEC.)</b>		40	40	-	40	40	40	-	40
<b>YELLOW CHANGE (SEC.)</b>		3	3.9	-	3.6	3	3.9	-	3.6
<b>ALL RED CLEARANCE (SEC.)</b>		2	2.1	-	2.2	2	2.1	-	2.2
<b>DELAYED GREEN (LPI) # (SEC.)</b>		-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>		-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>		-	-	-	-	-	-	-	6
<b>PEDESTRIAN CLEARANCE (SEC.)</b>		-	-	-	-	-	-	-	20
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF
	<b>MINIMUM (ON/OFF)</b>	OFF	ON	-	OFF	OFF	ON	-	OFF
	<b>PEDESTRIAN (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF
<b>MEMORY (ON/OFF)</b>		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND PAWNEE ROAD MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> GREEN	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8							
	<b>REST IN RED:</b>			RING 1 -			RING 2 -			
	<b>OVERLAP</b>			A	B	C	D			
	<b>PHASES</b>			-	-	-	-			
<b>INTERVAL OR FEATURE</b>			<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>			1	2	3	4	5	6	7	8
<b>DIRECTION</b>			SBLT	NB	-	EB	NBLT	SB	-	WB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>			4	20	-	4	4	20	-	4
<b>ADDED INITIAL *(SEC./ACTUATION)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>			3	3	-	3	3	5	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>			15	40	-	27	15	40	-	27
<b>MAXIMUM GREEN II (SEC.)</b>			40	40	-	40	40	40	-	40
<b>YELLOW CHANGE (SEC.)</b>			3	3.9	-	3.6	3	3.9	-	3.6
<b>ALL RED CLEARANCE (SEC.)</b>			2	2.8	-	2.3	2	2.8	-	2.3
<b>DELAYED GREEN (LPI) # (SEC.)</b>			-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>			-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>			-	-	-	6	-	0	-	-
<b>PEDESTRIAN CLEARANCE (SEC.)</b>			-	-	-	21	-	16	-	-
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	OFF	-	OFF
	<b>MINIMUM (ON/OFF)</b>	OFF	ON	-	OFF	OFF	ON	ON	-	OFF
	<b>PEDESTRIAN (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	OFF	-	OFF
<b>MEMORY (ON/OFF)</b>			-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND CHILLICOTHE MALL ENTRANCE										
MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> GREEN	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8							
	<b>REST IN RED:</b>			RING 1 -		RING 2 -				
	<b>OVERLAP</b>			A	B	C	D			
	<b>PHASES</b>			-	-	-	-			
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
<b>DIRECTION</b>			SBLT	NB	-	WB	NBLT	SB	-	EB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>			4	20	-	4	4	20	-	4
<b>ADDED INITIAL *(SEC./ACTUATION)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>			3	3	-	3	3	5	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>			15	40	-	27	15	40	-	27
<b>MAXIMUM GREEN II (SEC.)</b>			40	40	-	40	40	40	-	40
<b>YELLOW CHANGE (SEC.)</b>			3	3.9	-	3	3	3.9	-	3
<b>ALL RED CLEARANCE (SEC.)</b>			2	2.5	-	2.9	2	2.5	-	2.9
<b>DELAYED GREEN (LPI) # (SEC.)</b>			-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>			-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>			-	-	-	-	-	-	-	5
<b>PEDESTRIAN CLEARANCE (SEC.)</b>			-	-	-	-	-	-	-	23
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	OFF	ON	-	OFF	OFF	ON	-	OFF	
	<b>MINIMUM (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF	
	<b>PEDESTRIAN (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF	
<b>MEMORY (ON/OFF)</b>	-	-	-	-	-	-	-	-	-	

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND MOUNT LOGAN FARMS DRIVE MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> GREEN	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8						
	<b>REST IN RED:</b>		RING 1 -		RING 2 -				
	<b>OVERLAP</b>		A	B	C	D			
	<b>PHASES</b>		-	-	-	-			
<b>INTERVAL OR FEATURE</b>		<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>		1	2	3	4	5	6	7	8
<b>DIRECTION</b>		NBLT	SB	-	EB	SBLT	NB	-	WB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>		5	20	-	7	5	20	-	7
<b>ADDED INITIAL *(SEC./ACTUATION)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>		3	3	-	3	3	3	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>		30	60	-	40	30	60	-	40
<b>MAXIMUM GREEN II (SEC.)</b>		30	60	-	40	30	60	-	40
<b>YELLOW CHANGE (SEC.)</b>		3	3.9	-	3	3	3.9	-	3
<b>ALL RED CLEARANCE (SEC.)</b>		2	1.5	-	3	2	1.5	-	3
<b>DELAYED GREEN (LPI) # (SEC.)</b>		-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>		-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>		-	-	-	-	-	0	-	6
<b>PEDESTRIAN CLEARANCE (SEC.)</b>		-	-	-	-	-	7	-	26
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF
	<b>MINIMUM (ON/OFF)</b>	OFF	ON	-	OFF	OFF	ON	-	OFF
	<b>PEDESTRIAN (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF
<b>MEMORY (ON/OFF)</b>		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND SENEY ROAD										
MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>		DUAL ENTRY: YES	PHASES: 2, 4, 6, 8							
		REST IN RED:	RING 1 -		RING 2 -					
START IN: ALL-RED FLASH		OVERLAP	A	B	C	D				
TIME FOR FLASH / ALL RED (SEC.): 9, 6		PHASES	1, 4	-	-	-				
FIRST PHASE(S): 2, 6										
COLOR DISPLAYED: GREEN										
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.								
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8	
DIRECTION		NBLT	SB	WB	EB	-	NB	-	-	
MINIMUM GREEN (INITIAL) (SEC.)		5	20	5	5	-	20	-	-	
ADDED INITIAL *(SEC./ACTUATION)		-	-	-	-	-	-	-	-	
MAXIMUM INITIAL *(SEC.)		-	-	-	-	-	-	-	-	
PASSAGE TIME (PRESET GAP) (SEC.)		3	5	3	3	-	5	-	-	
TIME BEFORE REDUCTION *(SEC.)		-	-	-	-	-	-	-	-	
MINIMUM GAP *(SEC.)		-	-	-	-	-	-	-	-	
TIME TO REDUCE *(SEC.)		-	-	-	-	-	-	-	-	
MAXIMUM GREEN I (SEC.)		20	40	20	20	-	40	-	-	
MAXIMUM GREEN II (SEC.)		13	60	15	15	-	60	-	-	
YELLOW CHANGE (SEC.)		3	3.9	3.9	3.9	-	3.9	-	-	
ALL RED CLEARANCE (SEC.)		2	2.9	2	2	-	2.9	-	-	
DELAYED GREEN (LPI) # (SEC.)		-	-	-	-	-	-	-	-	
FLASHING YELLOW ARROW DELAY^ (SEC.)		-	-	-	-	-	-	-	-	
WALK (SEC.)		-	-	6	-	-	-	-	-	
PEDESTRIAN CLEARANCE (SEC.)		-	-	21	-	-	-	-	-	
RECALL	MAXIMUM (ON/OFF)	OFF	OFF	OFF	OFF	-	OFF	-	-	
	MINIMUM (ON/OFF)	OFF	ON	OFF	OFF	-	ON	-	-	
	PEDESTRIAN (ON/OFF)	OFF	OFF	OFF	OFF	-	OFF	-	-	
MEMORY (ON/OFF)		-	-	-	-	-	-	-	-	

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-



**ROS-159 Signal Timing  
Existing Local Controller Data**

INTERSECTION: SR 159 AND MENARDS ENTRANCE MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> YELLOW	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8							
	<b>REST IN RED:</b>			RING 1 -			RING 2 -			
	<b>OVERLAP</b>			A	B	C	D			
	<b>PHASES</b>			-	-	-	-			
<b>INTERVAL OR FEATURE</b>			<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>			1	2	3	4	5	6	7	8
<b>DIRECTION</b>			-	NB	-	WB	NBLT	SB	-	EB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>			-	5	-	5	5	5	-	5
<b>ADDED INITIAL *(SEC./ACTUATION)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>			-	5	-	5	5	5	-	5
<b>TIME BEFORE REDUCTION *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>			-	35	-	35	35	35	-	35
<b>MAXIMUM GREEN II (SEC.)</b>			-	40	-	40	40	40	-	40
<b>YELLOW CHANGE (SEC.)</b>			-	3	-	3	3	3	-	3
<b>ALL RED CLEARANCE (SEC.)</b>			-	1	-	1	1	1	-	1
<b>DELAYED GREEN (LPI) # (SEC.)</b>			-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>			-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>			-	-	-	10	-	-	-	-
<b>PEDESTRIAN CLEARANCE (SEC.)</b>			-	-	-	16	-	-	-	-
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	OFF	-	OFF
	<b>MINIMUM (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	OFF	-	OFF
	<b>PEDESTRIAN (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	OFF	-	OFF
<b>MEMORY (ON/OFF)</b>			-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	-
SYSTEM SOURCE	-
SPLITS IN	-
TRANSITION	-
DWELL/ADD TIME	-
OFFSET REFERENCE	-
PED RECALL	-
CAL ZERO OVERRIDE	-
RE-SYNC COUNT	-
ECPI COORD	-
SYSTEM FORMAT	-
OFFSET IN	-
MAX SELECT	-
FORCE OFF	-
USE PED TIME	-
PED RESERVICE	-
FO ADD INI GRN	-
MULTISYNC	-

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND STEWART ROAD										
MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  START IN: ALL-RED FLASH TIME FOR: FLASH , ALL RED (SEC.): 9, 6 FIRST PHASE(S): 2 COLOR DISPLAYED: YELLOW	DUAL ENTRY:			PHASES:						
	REST IN RED:			RING 1		RING 2				
	OVERLAP			A	B	C	D			
	PHASES			-	-	-	-			
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			WB	NB/SB	EB	-	-	-	-	-
MINIMUM GREEN (INITIAL) (SEC.)			10	20	10	-	-	-	-	-
ADDED INITIAL *(SEC./ACTUATION)			-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)			-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)			3	3	3	-	-	-	-	-
TIME BEFORE REDUCTION *(SEC.)			-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)			-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)			-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)			27	27	36	-	-	-	-	-
MAXIMUM GREEN II (SEC.)			24	24	40	-	-	-	-	-
YELLOW CHANGE (SEC.)			3.3	4.7	3.3	-	-	-	-	-
ALL RED CLEARANCE (SEC.)			1.8	1	1.8	-	-	-	-	-
DELAYED GREEN (LPI) # (SEC.)			-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)			-	-	-	-	-	-	-	-
WALK (SEC.)			7	7	-	-	-	-	-	-
PEDESTRIAN CLEARANCE (SEC.)			27	22	-	-	-	-	-	-
RECALL	MAXIMUM (ON/OFF)	OFF	ON	OFF	-	-	-	-	-	
	MINIMUM (ON/OFF)	OFF	OFF	OFF	-	-	-	-	-	
	PEDESTRIAN (ON/OFF)	OFF	OFF	OFF	-	-	-	-	-	
MEMORY (ON/OFF)			-	-	-	-	-	-	-	-

\*VOLUME DENSITY CONTROLS

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND US 35 EASTBOUND RAMPS									
MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>		DUAL ENTRY: YES		PHASES: 2, 6					
START IN: ALL-RED FLASH		REST IN RED: RING 1 -		RING 2 -					
TIME FOR FLASH / ALL RED (SEC.): 9, 6		OVERLAP		A	B	C	D		
FIRST PHASE(S): 2, 6		PHASES		-	-	-	-		
COLOR DISPLAYED: YELLOW									
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SBLT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL) (SEC.)		7	20	-	10	-	20	-	-
ADDED INITIAL *(SEC./ACTUATION)		-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)		-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)		3	3	-	5	-	3	-	-
TIME BEFORE REDUCTION *(SEC.)		-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)		-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)		-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)		15	40	-	20	-	40	-	-
MAXIMUM GREEN II (SEC.)		15	40	-	20	-	40	-	-
YELLOW CHANGE (SEC.)		3	4.5	-	4.1	-	4.5	-	-
ALL RED CLEARANCE (SEC.)		1.2	1	-	2.5	-	1	-	-
DELAYED GREEN (LPI) # (SEC.)		-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)		-	-	-	-	-	-	-	-
WALK (SEC.)		-	-	-	-	-	-	-	-
PEDESTRIAN CLEARANCE (SEC.)		-	-	-	-	-	-	-	-
RECALL	MAXIMUM (ON/OFF)	OFF	ON	-	OFF	-	ON	-	-
	MINIMUM (ON/OFF)	OFF	OFF	-	OFF	-	OFF	-	-
	PEDESTRIAN (ON/OFF)	OFF	OFF	-	OFF	-	OFF	-	-
MEMORY (ON/OFF)		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND PLAZA BOULEVARD / US 35 WB OFF RAMP MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>  <b>START IN:</b> YELLOW/RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> YELLOW	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8						
	<b>REST IN RED:</b>		RING 1 -			RING 2 -			
	<b>OVERLAP</b>		A	B	C	D			
	<b>PHASES</b>		4, 5	-	-	-			
<b>INTERVAL OR FEATURE</b>		<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>		1	2	3	4	5	6	7	8
<b>DIRECTION</b>		-	NB	-	EB	NBLT	SB	-	WB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>		-	20	-	10	7	20	-	10
<b>ADDED INITIAL *(SEC./ACTUATION)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>		-	3	-	3	3	3	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>		-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>		-	80	-	15	15	70	-	26
<b>MAXIMUM GREEN II (SEC.)</b>		-	80	-	15	15	70	-	26
<b>YELLOW CHANGE (SEC.)</b>		-	4.5	-	3.7	3	4.5	-	3.7
<b>ALL RED CLEARANCE (SEC.)</b>		-	1	-	1.4	1.6	1	-	1.4
<b>DELAYED GREEN (LPI) # (SEC.)</b>		-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>		-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>		-	-	-	-	-	-	-	7
<b>PEDESTRIAN CLEARANCE (SEC.)</b>		-	-	-	-	-	-	-	24
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	-	ON	-	OFF	OFF	ON	-	OFF
	<b>MINIMUM (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	-	OFF
	<b>PEDESTRIAN (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	-	OFF
<b>MEMORY (ON/OFF)</b>		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND MARIETTA ROAD										
MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> YELLOW	DUAL ENTRY: YES		PHASES: 2, 6							
	REST IN RED:		RING 1 -		RING 2 -					
	OVERLAP		A	B	C	D				
	PHASES		2, 4	1, 4	-	-				
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SBLT	NB	EB	WB	NBLT	SB	-	-
MINIMUM GREEN (INITIAL) (SEC.)			7	20	10	10	7	20	-	-
ADDED INITIAL *(SEC./ACTUATION)			-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)			-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)			3	5	3	3	3	5	-	-
TIME BEFORE REDUCTION *(SEC.)			-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)			-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)			-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)			15	40	27	27	15	40	-	-
MAXIMUM GREEN II (SEC.)			15	40	27	27	15	40	-	-
YELLOW CHANGE (SEC.)			3	4.5	4	4	3	4.5	-	-
ALL RED CLEARANCE (SEC.)			2.3	1	1.3	1.3	2.3	1	-	-
DELAYED GREEN (LPI) # (SEC.)			-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)			-	-	-	-	-	-	-	-
WALK (SEC.)			-	-	-	7	-	-	-	-
PEDESTRIAN CLEARANCE (SEC.)			-	-	-	21	-	-	-	-
RECALL	MAXIMUM (ON/OFF)	OFF	ON	OFF	OFF	OFF	ON	-	-	
	MINIMUM (ON/OFF)	OFF	OFF	OFF	OFF	OFF	OFF	-	-	
	PEDESTRIAN (ON/OFF)	OFF	OFF	OFF	OFF	OFF	OFF	-	-	
MEMORY (ON/OFF)			-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND WINONA BOULEVARD MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>		DUAL ENTRY: YES		PHASES: 2, 4, 6, 8					
START IN: ALL-RED FLASH		REST IN RED: RING 1 -		RING 2 -					
TIME FOR FLASH / ALL RED (SEC.): 9, 6		OVERLAP		A	B	C	D		
FIRST PHASE(S): 2, 6		PHASES		-	-	-	-		
COLOR DISPLAYED: YELLOW									
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SBLT	NB	-	EB	NBLT	SB	-	WB
MINIMUM GREEN (INITIAL) (SEC.)		7	20	-	10	7	20	-	10
ADDED INITIAL *(SEC./ACTUATION)		-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)		-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)		3	3	-	3	3	5	-	3
TIME BEFORE REDUCTION *(SEC.)		-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)		-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)		-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)		15	40	-	27	15	40	-	27
MAXIMUM GREEN II (SEC.)		15	40	-	27	15	40	-	27
YELLOW CHANGE (SEC.)		3	4.5	-	3.4	3	4.5	-	3.4
ALL RED CLEARANCE (SEC.)		1.9	1	-	1.4	1.9	1	-	1.4
DELAYED GREEN (LPI) # (SEC.)		-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)		-	-	-	-	-	-	-	-
WALK (SEC.)		-	-	-	-	-	-	-	7
PEDESTRIAN CLEARANCE (SEC.)		-	-	-	-	-	-	-	21
RECALL	MAXIMUM (ON/OFF)	OFF	ON	-	OFF	OFF	ON	-	OFF
	MINIMUM (ON/OFF)	OFF	OFF	-	OFF	OFF	OFF	-	OFF
	PEDESTRIAN (ON/OFF)	OFF	OFF	-	OFF	OFF	OFF	-	OFF
MEMORY (ON/OFF)		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND PAWNEE ROAD MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> YELLOW	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8							
	<b>REST IN RED:</b>			RING 1 -			RING 2 -			
	<b>OVERLAP</b>			A	B	C	D			
	<b>PHASES</b>			-	-	-	-			
<b>INTERVAL OR FEATURE</b>			<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>			1	2	3	4	5	6	7	8
<b>DIRECTION</b>			SBLT	NB	-	EB	NBLT	SB	-	WB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>			7	20	-	10	7	20	-	10
<b>ADDED INITIAL *(SEC./ACTUATION)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>			3	3	-	3	3	5	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>			15	40	-	27	15	40	-	27
<b>MAXIMUM GREEN II (SEC.)</b>			15	40	-	27	15	40	-	27
<b>YELLOW CHANGE (SEC.)</b>			3	4.5	-	3.4	3	4.5	-	3.4
<b>ALL RED CLEARANCE (SEC.)</b>			3.2	1	-	1.3	3.2	1	-	1.3
<b>DELAYED GREEN (LPI) # (SEC.)</b>			-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>			-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>			-	-	-	7	-	7	-	-
<b>PEDESTRIAN CLEARANCE (SEC.)</b>			-	-	-	21	-	19	-	-
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	OFF	ON	-	OFF	OFF	ON	-	OFF	
	<b>MINIMUM (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF	
	<b>PEDESTRIAN (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF	
<b>MEMORY (ON/OFF)</b>			-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND CHILLICOTHE MALL ENTRANCE									
MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>		DUAL ENTRY: YES		PHASES: 2, 4, 6, 8					
START IN: ALL-RED FLASH		REST IN RED: RING 1 -		RING 2 -					
TIME FOR FLASH / ALL RED (SEC.): 9, 6		OVERLAP		A	B	C	D		
FIRST PHASE(S): 2, 6		PHASES		-	-	-	-		
COLOR DISPLAYED: YELLOW									
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SBLT	NB	-	WB	NBLT	SB	-	EB
MINIMUM GREEN (INITIAL) (SEC.)		7	20	-	10	7	20	-	10
ADDED INITIAL *(SEC./ACTUATION)		-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)		-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)		3	3	-	3	3	5	-	3
TIME BEFORE REDUCTION *(SEC.)		-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)		-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)		-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)		15	40	-	27	15	40	-	27
MAXIMUM GREEN II (SEC.)		15	40	-	27	15	40	-	27
YELLOW CHANGE (SEC.)		3	4.5	-	3.4	3	4.5	-	3.4
ALL RED CLEARANCE (SEC.)		2.5	1	-	1.2	2.5	1	-	1.2
DELAYED GREEN (LPI) # (SEC.)		-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)		-	-	-	-	-	-	-	-
WALK (SEC.)		-	-	-	-	-	-	-	7
PEDESTRIAN CLEARANCE (SEC.)		-	-	-	-	-	-	-	20
RECALL	MAXIMUM (ON/OFF)	OFF	ON	-	OFF	OFF	ON	-	OFF
	MINIMUM (ON/OFF)	OFF	OFF	-	OFF	OFF	OFF	-	OFF
	PEDESTRIAN (ON/OFF)	OFF	OFF	-	OFF	OFF	OFF	-	OFF
MEMORY (ON/OFF)		-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-



**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND MOUNT LOGAN FARMS DRIVE MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> YELLOW	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8							
	<b>REST IN RED:</b>		RING 1 -		RING 2 -					
	<b>OVERLAP</b>			A	B	C	D			
	<b>PHASES</b>			-	-	-	-			
<b>INTERVAL OR FEATURE</b>			<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>			1	2	3	4	5	6	7	8
<b>DIRECTION</b>			NBLT	SB	-	EB	SBLT	NB	-	WB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>			7	20	-	10	7	20	-	10
<b>ADDED INITIAL *(SEC./ACTUATION)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>			3	3	-	3	3	3	-	3
<b>TIME BEFORE REDUCTION *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>			30	60	-	40	30	60	-	40
<b>MAXIMUM GREEN II (SEC.)</b>			30	60	-	40	30	60	-	40
<b>YELLOW CHANGE (SEC.)</b>			3	4.5	-	3.4	3	4.5	-	3.4
<b>ALL RED CLEARANCE (SEC.)</b>			2.3	1	-	2	2.3	1	-	2
<b>DELAYED GREEN (LPI) # (SEC.)</b>			-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>			-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>			-	-	-	-	-	7	-	7
<b>PEDESTRIAN CLEARANCE (SEC.)</b>			-	-	-	-	-	21	-	29
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	OFF	ON	-	OFF	OFF	ON	-	OFF	
	<b>MINIMUM (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF	
	<b>PEDESTRIAN (ON/OFF)</b>	OFF	OFF	-	OFF	OFF	OFF	-	OFF	
<b>MEMORY (ON/OFF)</b>			-	-	-	-	-	-	-	-

**\*VOLUME DENSITY CONTROLS**

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND SENEY ROAD									
MAINTAINING AGENCY: CITY OF CHILLICOTHE									
<b>START UP</b>		DUAL ENTRY: YES		PHASES: 2, 4, 6, 8					
START IN: ALL-RED FLASH		REST IN RED:		RING 1 -		RING 2 -			
TIME FOR FLASH / ALL RED (SEC.): 9, 6		OVERLAP				A	B	C	D
FIRST PHASE(S): 2, 6		PHASES				1, 4	-	-	-
COLOR DISPLAYED: YELLOW									
INTERVAL OR FEATURE					CONTROLLER MOVEMENT NO.				
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		NBLT	SB	WB	EB	-	NB	-	-
MINIMUM GREEN (INITIAL) (SEC.)		7	20	10	10	-	20	-	-
ADDED INITIAL *(SEC./ACTUATION)		-	-	-	-	-	-	-	-
MAXIMUM INITIAL *(SEC.)		-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP) (SEC.)		5	5	5	3	-	5	-	-
TIME BEFORE REDUCTION *(SEC.)		-	-	-	-	-	-	-	-
MINIMUM GAP *(SEC.)		-	-	-	-	-	-	-	-
TIME TO REDUCE *(SEC.)		-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)		20	40	20	20	-	40	-	-
MAXIMUM GREEN II (SEC.)		13	60	15	15	-	60	-	-
YELLOW CHANGE (SEC.)		3	4.5	3.4	3.4	-	4.5	-	-
ALL RED CLEARANCE (SEC.)		2.8	1	1.8	1.8	-	1	-	-
DELAYED GREEN (LPI) # (SEC.)		-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^ (SEC.)		-	-	-	-	-	-	-	-
WALK (SEC.)		-	-	7	-	-	-	-	-
PEDESTRIAN CLEARANCE (SEC.)		-	-	20	-	-	-	-	-
RECALL	MAXIMUM (ON/OFF)	OFF	ON	OFF	OFF	-	ON	-	-
	MINIMUM (ON/OFF)	OFF	OFF	OFF	OFF	-	OFF	-	-
	PEDESTRIAN (ON/OFF)	OFF	OFF	OFF	OFF	-	OFF	-	-
MEMORY (ON/OFF)		-	-	-	-	-	-	-	-

\*VOLUME DENSITY CONTROLS

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

**ROS-159 Signal Timing  
Proposed Local Controller Data**

INTERSECTION: SR 159 AND MENARDS ENTRANCE MAINTAINING AGENCY: CITY OF CHILLICOTHE										
<b>START UP</b>  <b>START IN:</b> ALL-RED FLASH <b>TIME FOR FLASH / ALL RED (SEC.):</b> 9, 6 <b>FIRST PHASE(S):</b> 2, 6 <b>COLOR DISPLAYED:</b> YELLOW	<b>DUAL ENTRY:</b> YES		<b>PHASES:</b> 2, 4, 6, 8							
	<b>REST IN RED:</b>			RING 1 -			RING 2 -			
	<b>OVERLAP</b>			A	B	C	D			
	<b>PHASES</b>			-	-	-	-			
<b>INTERVAL OR FEATURE</b>			<b>CONTROLLER MOVEMENT NO.</b>							
<b>INTERSECTION MOVEMENT (PHASE)</b>			1	2	3	4	5	6	7	8
<b>DIRECTION</b>			-	NB	-	WB	NBLT	SB	-	EB
<b>MINIMUM GREEN (INITIAL) (SEC.)</b>			-	20	-	10	7	20	-	10
<b>ADDED INITIAL *(SEC./ACTUATION)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM INITIAL *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>PASSAGE TIME (PRESET GAP) (SEC.)</b>			-	5	-	5	5	5	-	5
<b>TIME BEFORE REDUCTION *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MINIMUM GAP *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>TIME TO REDUCE *(SEC.)</b>			-	-	-	-	-	-	-	-
<b>MAXIMUM GREEN I (SEC.)</b>			-	35	-	35	35	35	-	35
<b>MAXIMUM GREEN II (SEC.)</b>			-	40	-	40	40	40	-	40
<b>YELLOW CHANGE (SEC.)</b>			-	4.6	-	3.4	3	4.6	-	3.4
<b>ALL RED CLEARANCE (SEC.)</b>			-	1	-	1.3	1.9	1	-	1.3
<b>DELAYED GREEN (LPI) # (SEC.)</b>			-	-	-	-	-	-	-	-
<b>FLASHING YELLOW ARROW DELAY^ (SEC.)</b>			-	-	-	-	-	-	-	-
<b>WALK (SEC.)</b>			-	-	-	7	-	-	-	-
<b>PEDESTRIAN CLEARANCE (SEC.)</b>			-	-	-	22	-	-	-	-
<b>RECALL</b>	<b>MAXIMUM (ON/OFF)</b>	-	ON	-	OFF	OFF	ON	-	OFF	
	<b>MINIMUM (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	-	OFF	
	<b>PEDESTRIAN (ON/OFF)</b>	-	OFF	-	OFF	OFF	OFF	-	OFF	
<b>MEMORY (ON/OFF)</b>			-	-	-	-	-	-	-	-

\*VOLUME DENSITY CONTROLS

# FOR CROSSINGS WITH PEDESTRIAN PUSHBUTTONS, LPI'S (LEADING PEDESTRIAN INTERVALS) MAY BE IMPLEMENTED (3-6 SEC.) IN ACCORDANCE WITH LPI DURATION TIME PER THE ODOT SIGNAL CALCULATIONS - CLEARANCE INTERVALS SPREADSHEET

^ WHEN IMPLEMENTING FYA, A MINIMUM 3 SEC. DELAY SHALL BE PROGRAMMED PER FYA PHASE.

ECONOLITE COORD SETTINGS	
MANUAL PATTERN	AUTO
SYSTEM SOURCE	SYS
SPLITS IN	SECONDS
TRANSITION	SMOOTH
DWELL/ADD TIME	0
OFFSET REFERENCE	YELLOW
PED RECALL	NO
CAL ZERO OVERRIDE	NO
RE-SYNC COUNT	0
ECPI COORD	YES
SYSTEM FORMAT	PTN
OFFSET IN	SECONDS
MAX SELECT	MAXINH
FORCE OFF	FLOAT
USE PED TIME	YES
PED RESERVICE	NO
FO ADD INI GRN	NO
MULTISYNC	NO

SIEMENS COORD SETTINGS	
OPERATION	-
MODE (NORMAL)	-
MAXIMUM	-
CORRECTION	-
OFFSET MODE	-
FORCE MODE	-
MAX DWELL TIME	-
YIELD PERIOD	-
MANUAL CONTROL: DIAL	-
MANUAL CONTROL: SPLIT	-
MANUAL CONTROL: OFFSET	-

### ROS-159 Signal Timing Volume Data

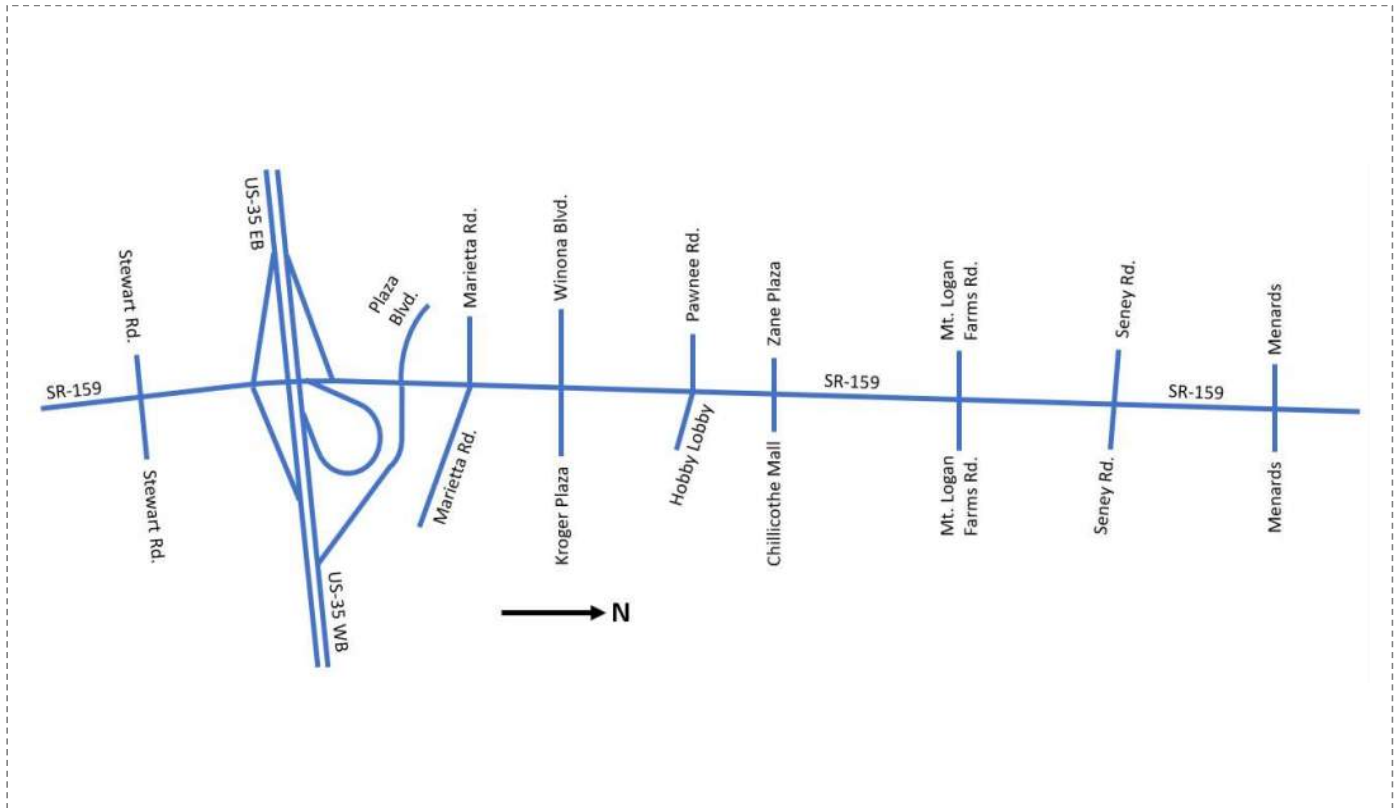
**General Notes:**

1. Volumes are per hour
2. Corresponding Plan No.'s are shown on Timing Summary

COUNT INFORMATION	
Month/Year:	October 2020 <span style="margin-left: 150px;">Day of Week: Thurs/Sat.</span>
Time Period(s):	AM Peak, Off Peak, Midday Peak, PM Peak, Weekend Peak
Total Number of Hours:	5
Method of Obtaining Counts <sup>1</sup> :	Video
Type of Count <sup>2</sup> :	Turning Movement Count

<sup>1</sup> Count Board, Video, Tube Counts, etc.

<sup>2</sup> Turning Movement Count (TMC), Average Daily Traffic (ADT), etc.



SR 159 AND STEWART ROAD													
PHASE	1	2	2/PED	3	4	4/PED	5	2	6/PED	7	8	8/PED	
DIRECTION	WB	NB	-	EB	-	-	-	SB	-	-	-	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	92	569	-	22	-	-	-	483	-	-	-	-
7/3/0 (Mid Pk)	-	299	1150	-	214	-	-	-	1121	-	-	-	-
7/3/0 (PM Pk)	-	219	1054	-	173	-	-	-	1314	-	-	-	-
7/1/0 (Off Pk)	-	84	231	-	55	-	-	-	307	-	-	-	-
7/3/0 (Wkend Off)	-	495	826	-	180	-	-	-	1146	-	-	-	-
7/3/0 (Wkend Pk)	-	602	1008	-	257	-	-	-	1412	-	-	-	-

SR 159 AND US 35 EASTBOUND RAMPS													
PHASE	1	2	2/PED	3	4	4/PED	5	OLA	6/PED	7	8	8/PED	
DIRECTION	SBLT	NB	-	-	EB	-	-	SB	-	-	-	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	64	487	-	-	589	-	-	431	-	-	-	-
7/3/0 (Mid Pk)	-	289	1159	-	-	667	-	-	1088	-	-	-	-
7/3/0 (PM Pk)	-	367	1246	-	-	781	-	-	1166	-	-	-	-
7/1/0 (Off Pk)	-	114	327	-	-	145	-	-	291	-	-	-	-
7/3/0 (Wkend Off)	-	362	1014	-	-	606	-	-	871	-	-	-	-
7/3/0 (Wkend Pk)	-	309	1066	-	-	664	-	-	941	-	-	-	-

SR 159 AND PLAZA BOULEVARD / US 35 WESTBOUND OFF RAMP													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	-	NB	-	-	EB	-	NBLT	SB	-	-	WB	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	-	710	-	-	76	-	36	596	-	-	-	-
7/3/0 (Mid Pk)	-	-	1350	-	-	177	-	77	1702	-	-	-	-
7/3/0 (PM Pk)	-	-	1343	-	-	201	-	78	2008	-	-	-	-
7/1/0 (Off Pk)	-	-	284	-	-	88	-	34	533	-	-	-	-
7/3/0 (Wkend Off)	-	-	1198	-	-	209	-	74	1608	-	-	367	-
7/3/0 (Wkend Pk)	-	-	1523	-	-	202	-	89	1806	-	-	516	-

SR 159 AND MARIETTA ROAD													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	SBLT	NB	-	EB	WB	-	NBLT	SB	-	-	-	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	21	834	-	14	115	-	7	551	-	-	-	-
7/3/0 (Mid Pk)	-	61	1578	-	81	352	-	24	1436	-	-	-	-
7/3/0 (PM Pk)	-	30	1581	-	100	372	-	43	1603	-	-	-	-
7/1/0 (Off Pk)	-	7	321	-	29	54	-	8	501	-	-	-	-
7/3/0 (Wkend Off)	-	29	1467	-	63	266	-	21	1331	-	-	-	-
7/3/0 (Wkend Pk)	-	47	1887	-	99	332	-	39	1563	-	-	-	-

SR 159 AND WINONA BOULEVARD													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	SBLT	NB	-	-	EB	-	NBLT	SB	-	-	WB	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	26	724	-	-	58	-	19	510	-	-	51	-
7/3/0 (Mid Pk)	-	123	1383	-	-	109	-	63	1327	-	-	253	-
7/3/0 (PM Pk)	-	110	1405	-	-	82	-	46	1520	-	-	255	-
7/1/0 (Off Pk)	-	18	301	-	-	25	-	18	442	-	-	85	-
7/3/0 (Wkend Off)	-	95	1311	-	-	85	-	63	1283	-	-	244	-
7/3/0 (Wkend Pk)	-	126	1724	-	-	87	-	53	1423	-	-	265	-

SR 159 AND PAWNEE ROAD													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	SBLT	NB	-	-	EB	-	NBLT	SB	-	-	WB	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	11	702	-	-	113	-	60	526	-	-	14	-
7/3/0 (Mid Pk)	-	30	1180	-	-	233	-	147	1247	-	-	113	-
7/3/0 (PM Pk)	-	39	1171	-	-	225	-	143	1404	-	-	143	-
7/1/0 (Off Pk)	-	3	257	-	-	53	-	33	392	-	-	15	-
7/3/0 (Wkend Off)	-	36	1108	-	-	172	-	109	1207	-	-	128	-
7/3/0 (Wkend Pk)	-	43	1388	-	-	212	-	140	1329	-	-	135	-

SR 159 AND CHILLICOTHE MALL ENTRANCE													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	SBLT	NB	-	-	WB	-	NBLT	SB	-	-	EB	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	33	559	-	-	92	-	10	450	-	-	22	-
7/3/0 (Mid Pk)	-	108	1066	-	-	299	-	84	1013	-	-	214	-
7/3/0 (PM Pk)	-	75	968	-	-	219	-	86	1238	-	-	173	-
7/1/0 (Off Pk)	-	14	207	-	-	84	-	24	293	-	-	55	-
7/3/0 (Wkend Off)	-	117	943	-	-	279	-	118	898	-	-	184	-
7/3/0 (Wkend Pk)	-	96	1007	-	-	308	-	110	931	-	-	216	-

SR 159 AND MOUNT LOGAN FARMS DRIVE													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	NBLT	SB	-	-	EB	-	SBLT	NB	-	-	WB	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	32	478	-	-	36	-	6	595	-	-	17	-
7/3/0 (Mid Pk)	-	208	962	-	-	333	-	23	958	-	-	126	-
7/3/0 (PM Pk)	-	173	1215	-	-	307	-	15	897	-	-	129	-
7/1/0 (Off Pk)	-	19	236	-	-	17	-	2	211	-	-	20	-
7/3/0 (Wkend Off)	-	170	899	-	-	272	-	21	846	-	-	146	-
7/3/0 (Wkend Pk)	-	266	1039	-	-	402	-	30	1039	-	-	196	-

SR 159 AND SENEY ROAD													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	NBLT	SB	-	WB	EB	-	-	NB	-	-	-	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
7/1/0 (AM Pk)	-	9	482	-	25	3	-	-	563	-	-	-	-
7/3/0 (Mid Pk)	-	40	943	-	138	54	-	-	916	-	-	-	-
7/3/0 (PM Pk)	-	58	1165	-	102	83	-	-	826	-	-	-	-
7/1/0 (Off Pk)	-	5	181	-	14	43	-	-	218	-	-	-	-
7/3/0 (Wkend Off)	-	86	729	-	116	118	-	-	701	-	-	-	-
7/3/0 (Wkend Pk)	-	71	707	-	128	92	-	-	756	-	-	-	-

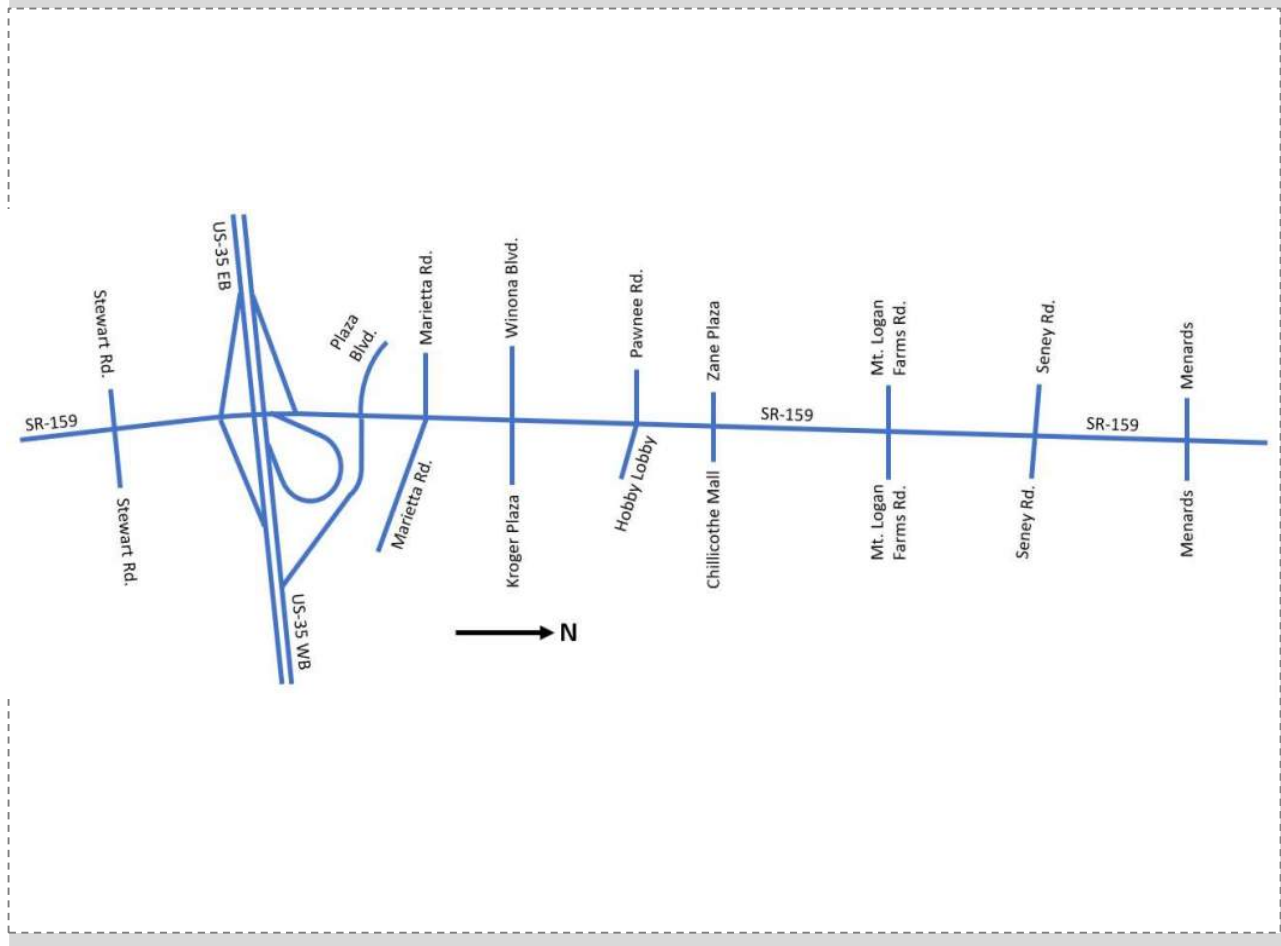
SR 159 AND MENARDS ENTRANCE													
PHASE	1	2	2/PED	3	4	4/PED	5	6	6/PED	7	8	8/PED	
DIRECTION	-	NB	-	-	WB	-	NBLT	SB	-	-	EB	-	
EX. PLAN NO.	PROP. PLAN NO.	VEHICULAR/PED PEAK HOURLY VOLUME											
FREE (AM Pk)	-	-	536	-	-	0	-	25	465	-	-	26	-
FREE (Mid Pk)	-	-	792	-	-	8	-	104	870	-	-	116	-
FREE (PM Pk)	-	-	706	-	-	5	-	96	1097	-	-	106	-
FREE (Off Pk)	-	-	219	-	-	0	-	5	152	-	-	28	-
FREE (Wkend Off)	-	-	585	-	-	6	-	108	630	-	-	112	-
FREE (Wkend Pk)	-	-	589	-	-	12	-	155	605	-	-	133	-

## ROS-159 Signal Timing Signal Timing Summary - EXISTING

**General Notes:**

1. All offsets are measured from the referenced phase END OF GREEN / BEGINNING OF YELLOW
2. All offsets are measured from φ 2 & φ 6
3. Shared schedules of the Week listed (ex. Mon-Fri)
4. Plan Name shall denote AM Plan, PM Plan, Midday, etc.
5. Hours shall be listed in military time (ex. 0600-01300)
6. Plan No. or C/S/O shall be listed programmed in Controller (follow template if provided)

COORDINATION TIMING PLANS				
DAY(S) OF WEEK	PLAN NAME	HOURS	PLAN NO. OR CYCLE/SPLIT/OFFSET	CYCLE LENGTH (SEC)
M-F	FREE	0:00 to 05:00	-	-
M-F	Off Peak	05:00 to 08:00	7/1/0	85
M-F	AM Peak	08:00 to 11:00	7/2/0	100
M-F	Mid / PM Peak	11:00 to 20:00	7/3/0	130
M-Sun	Off Peak	20:00 to 23:00	7/1/0	85
M-Sun	FREE	23:00 to 24:00	-	-
Sat-Sun	FREE	0:00 to 06:00	-	-
Sat-Sun	Off Peak	06:00 to 09:00	7/1/0	85
Sat-Sun	Wkend Peak	09:00 to 20:00	7/3/0	130



SR 159 AND STEWART ROAD										
PHASE	1	2	3	4	5	2	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	WB	NB	EB	-	-	SB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	20	41	24	-	-	-	-	-	0	-
7/2/0	19	51	30	-	-	-	-	-	0	-
7/3/0	16	70	44	-	-	-	-	-	0	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 AND US 35 EASTBOUND RAMPS										
PHASE	1	2	3	4	5	OLA	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	EB	-	SB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	20	31	-	34	-	51	-	-	61	-
7/2/0	20	55	-	25	-	75	-	-	88	-
7/3/0	30	62	-	38	-	92	-	-	17	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 AND PLAZA BOULEVARD / US 35 WESTBOUND OFF RAMP										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	-	NB	-	EB	NBLT	SB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	-	61	-	24	23	38	-	24	46	-
7/2/0	-	83	-	17	16	67	-	17	2	-
7/3/0	-	114	-	16	22	92	-	16	94	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 AND MARIETTA ROAD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	EB	WB	NBLT	SB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	13	40	12	20	13	40	-	-	46	-
7/2/0	13	55	12	20	13	55	-	-	2	-
7/3/0	13	83	14	20	13	83	-	-	85	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-



SR 159 AND WINONA BOULEVARD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	EB	NBLT	SB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	15	35	-	35	15	35	-	35	67	-
7/2/0	13	54	-	33	13	54	-	33	17	-
7/3/0	15	88	-	27	15	88	-	27	99	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 AND PAWNEE ROAD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	EB	NBLT	SB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	20	38	-	27	20	38	-	27	11	-
7/2/0	19	55	-	26	21	53	-	26	40	-
7/3/0	21	77	-	32	32	66	-	32	95	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 AND CHILLICOTHE MALL ENTRANCE										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	WB	NBLT	SB	-	EB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	21	35	-	29	21	35	-	29	10	-
7/2/0	19	47	-	34	19	47	-	34	36	-
7/3/0	23	66	-	41	23	66	-	41	101	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 MOUNT LOGAN FARMS DRIVE										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	NBLT	SB	-	EB	SBLT	NB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	22	34	-	29	22	34	-	29	74	-
7/2/0	25	43	-	32	25	43	-	32	72	-
7/3/0	30	66	-	34	30	66	-	34	73	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 AND SENEY ROAD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	NBLT	SB	WB	EB	-	NB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
7/1/0	17	28	20	20	-	45	-	-	47	-
7/2/0	18	36	23	23	-	54	-	-	82	-
7/3/0	21	57	26	26	-	78	-	-	63	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

SR 159 AND MENARDS ENTRANCE										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	-	NB	-	WB	NBLT	SB	-	EB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
INTERSECTION RUNS FREE - NO COORDINATION PLAN										

### ROS-159 Signal Timing Signal Timing Summary - PROPOSED

**General Notes:**

1. All offsets are measured from the referenced phase END OF GREEN / BEGINNING OF YELLOW
2. All offsets are measured from φ 2 & φ 6
3. Shared schedules of the Week listed (ex. Mon-Fri)
4. Plan Name shall denote AM Plan, PM Plan, Midday, etc.
5. Hours shall be listed in military time (ex. 0600-01300)
6. Plan No. or C/S/O shall be listed programmed in Controller (follow template if provided)
7. Plans should be provided for each weekday for the following time periods: AM, Midday, PM, and Off-peak.  
If authorized, additional plans shall be developed for Weekend Peak/Off-Peaks or High Volume

COORDINATION TIMING PLANS				
DAY(S) OF WEEK	PLAN NAME	HOURS	PLAN NO. OR CYCLE/SPLIT/OFFSET	CYCLE LENGTH (SEC)
M-F	FREE	0:00 to 7:00	-	-
M-F	AM Peak	7:00 to 10:30	3/1/1	95
M-F	Mid Peak	10:30 to 14:00	5/1/1	110
M-F	PM Peak	14:00 to 19:00	6/1/1	125
M-F	Off Peak	19:00 to 21:00	2/1/1	85
M-F	FREE	21:00 to 24:00	-	-
Sat-Sun	FREE	0:00 to 9:00	-	-
Sat-Sun	Wkend Off Pk	9:00 to 10:30	1/1/1	80
Sat-Sun	Wkend Pk	10:30 to 19:00	4/1/1	105
Sat-Sun	Wkend Off Pk	19:00 to 21:00	1/1/1	80
Sat-Sun	FREE	21:00 to 24:00	-	-



SR 159 AND STEWART ROAD										
PHASE	1	2	3	4	5	2	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	WB	NB	EB	-	-	SB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	23	38	19	-	-	38	-	-	73	-
2/1/1	22	43	20	-	-	43	-	-	7	-
3/1/1	22	51	22	-	-	51	-	-	6	-
4/1/1	28	50	27	-	-	50	-	-	99	-
5/1/1	27	54	29	-	-	54	-	-	104	-
6/1/1	38	65	22	-	-	65	-	-	13	-

SR 159 AND US 35 EASTBOUND RAMPS										
PHASE	1	2	3	4	5	OLA	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	EB	-	SB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	23	36	-	21	-	59	-	-	0	-
2/1/1	20	40	-	25	-	60	-	-	0	-
3/1/1	16	40	-	39	-	56	-	-	0	-
4/1/1	29	48	-	28	-	77	-	-	0	-
5/1/1	27	55	-	28	-	82	-	-	0	-
6/1/1	35	58	-	32	-	93	-	-	0	-

SR 159 AND PLAZA BOULEVARD / US 35 WESTBOUND OFF RAMP										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	-	NB	-	EB	NBLT	SB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	-	58	-	22	12	46	-	22	43	-
2/1/1	-	62	-	23	20	42	-	23	12	-
3/1/1	-	54	-	41	14	40	-	41	80	-
4/1/1	-	74	-	31	14	60	-	31	67	-
5/1/1	-	82	-	28	16	66	-	28	66	-
6/1/1	-	96	-	29	16	80	-	29	15	-

SR 159 AND MARIETTA ROAD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	EB	WB	NBLT	SB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	12	36	16	16	12	36	-	-	38	-
2/1/1	14	35	18	18	14	35	-	-	80	-
3/1/1	14	46	17	18	14	46	-	-	62	-
4/1/1	12	61	16	16	12	61	-	-	61	-
5/1/1	12	62	16	20	12	62	-	-	57	-
6/1/1	13	77	15	20	13	77	-	-	4	-

SR 159 AND WINONA BOULEVARD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	EB	NBLT	SB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	12	47	-	21	12	47	-	21	53	-
2/1/1	17	41	-	27	17	41	-	27	4	-
3/1/1	16	58	-	21	15	59	-	21	69	-
4/1/1	12	70	-	23	12	70	-	23	83	-
5/1/1	15	66	-	29	12	69	-	29	68	-
6/1/1	16	75	-	34	12	79	-	34	22	-

SR 159 AND PAWNEE ROAD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	EB	NBLT	SB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	14	47	-	19	14	47	-	19	68	-
2/1/1	18	43	-	24	19	42	-	24	80	-
3/1/1	17	54	-	24	19	52	-	24	81	-
4/1/1	13	67	-	25	18	62	-	25	86	-
5/1/1	14	66	-	30	21	59	-	30	67	-
6/1/1	15	76	-	34	25	66	-	34	28	-

SR 159 AND CHILLICOTHE MALL ENTRANCE										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	SBLT	NB	-	WB	NBLT	SB	-	EB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	14	39	-	27	13	40	-	27	0	-
2/1/1	19	39	-	27	19	39	-	27	8	-
3/1/1	18	52	-	25	17	53	-	25	73	-
4/1/1	15	54	-	36	15	54	-	36	79	-
5/1/1	16	64	-	30	13	67	-	30	62	-
6/1/1	15	73	-	37	18	70	-	37	31	-

SR 159 MOUNT LOGAN FARMS DRIVE										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	NBLT	SB	-	EB	SBLT	NB	-	WB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	17	38	-	25	13	42	-	25	39	-
2/1/1	20	42	-	23	20	42	-	23	32	-
3/1/1	18	53	-	24	17	54	-	24	16	-
4/1/1	29	36	-	40	12	53	-	40	4	-
5/1/1	25	54	-	31	13	66	-	31	0	-
6/1/1	27	64	-	34	13	78	-	34	78	-

SR 159 AND SENEY ROAD										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	NBLT	SB	WB	EB	-	NB	-	-		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	13	29	16	22	-	42	-	-	39	-
2/1/1	15	30	17	23	-	45	-	-	42	-
3/1/1	15	34	20	18	-	57	-	-	14	-
4/1/1	15	40	26	24	-	55	-	-	14	-
5/1/1	15	52	26	17	-	67	-	-	105	-
6/1/1	15	66	23	21	-	81	-	-	90	-

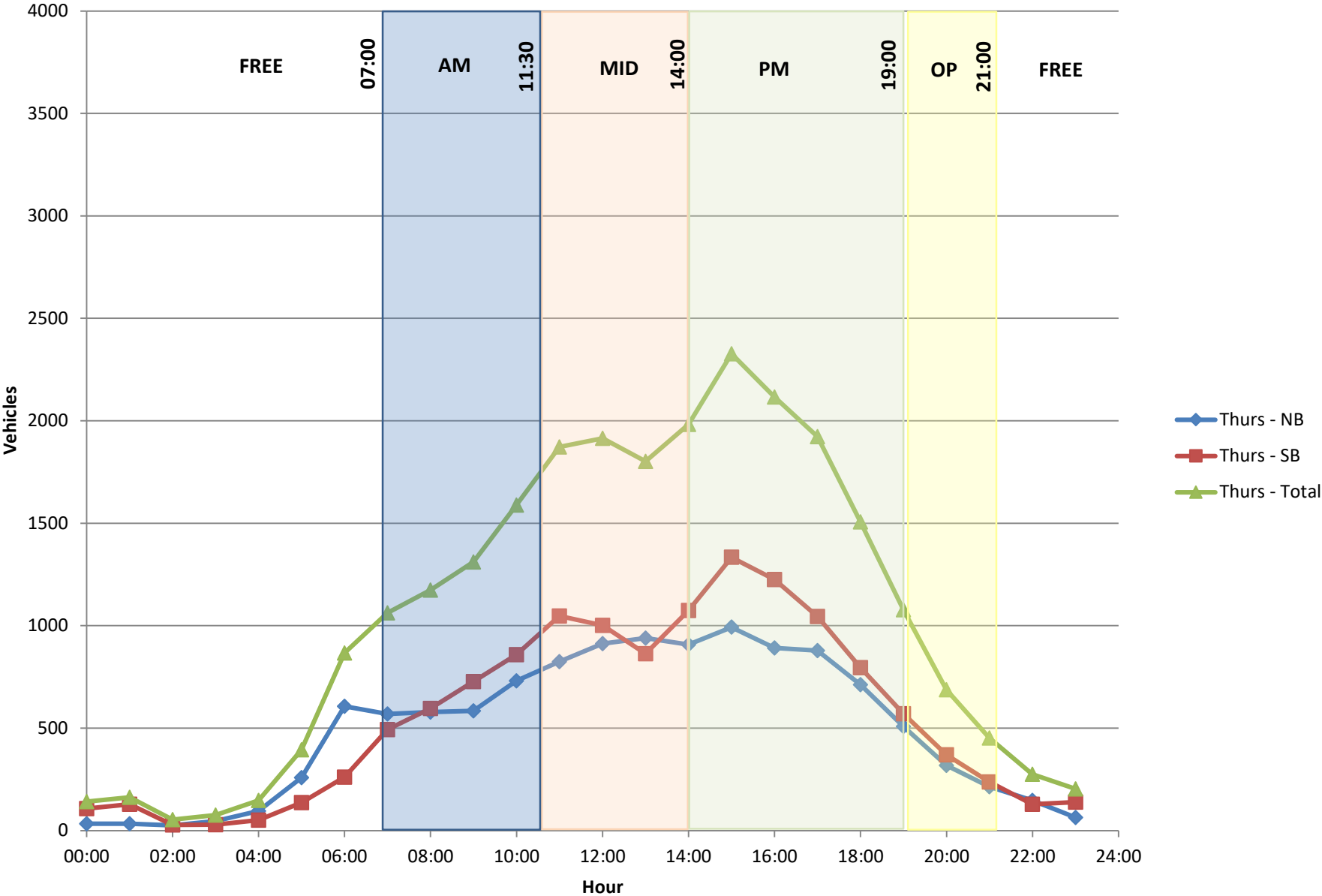
SR 159 AND MENARDS ENTRANCE										
PHASE	1	2	3	4	5	6	7	8	OFFSET 1 (SEC)	OFFSET 2 (SEC)
DIRECTION	-	NB	-	WB	NBLT	SB	-	EB		
PLAN NO. OR C/S/O	SPLITS (G+Y+AR) IN SECONDS									
1/1/1	-	46	-	34	13	33	-	34	29	-
2/1/1	-	59	-	26	19	40	-	26	63	-
3/1/1	-	60	-	35	16	44	-	35	29	-
4/1/1	-	77	-	28	24	53	-	28	10	-
5/1/1	-	85	-	25	20	65	-	25	10	-
6/1/1	-	101	-	24	19	82	-	24	121	-

**ROS-159 Project - 24 HR Traffic Counts**

<b>SR-159 Between Mt. Logan Farms and Seney Rd</b>						
<b>Time</b>	<b>Thurs - NB Vehicles</b>	<b>Thurs - SB Vehicles</b>	<b>Sat - NB Vehicles</b>	<b>Sat - SB Vehicles</b>	<b>Thurs - Total</b>	<b>Sat - Total</b>
0:00:00	34	107	68	128	141	196
0:01:00	34	129	32	145	163	177
0:02:00	26	28	27	31	54	58
0:03:00	47	29	14	22	76	36
0:04:00	96	51	55	33	147	88
0:05:00	258	137	83	71	395	154
0:06:00	606	261	146	129	867	275
0:07:00	569	493	203	216	1062	419
0:08:00	578	596	275	350	1174	625
0:09:00	584	727	456	526	1311	982
0:10:00	731	858	695	716	1589	1411
0:11:00	825	1047	950	962	1872	1912
0:12:00	912	1002	1029	1016	1914	2045
0:13:00	939	863	993	1040	1802	2033
0:14:00	908	1074	1028	972	1982	2000
0:15:00	993	1334	909	922	2327	1831
0:16:00	891	1225	873	912	2116	1785
0:17:00	878	1045	817	929	1923	1746
0:18:00	712	795	864	824	1507	1688
0:19:00	508	570	608	644	1078	1252
0:20:00	318	370	374	406	688	780
0:21:00	214	238	249	292	452	541
0:22:00	147	128	174	212	275	386
0:23:00	64	139	72	94	203	166

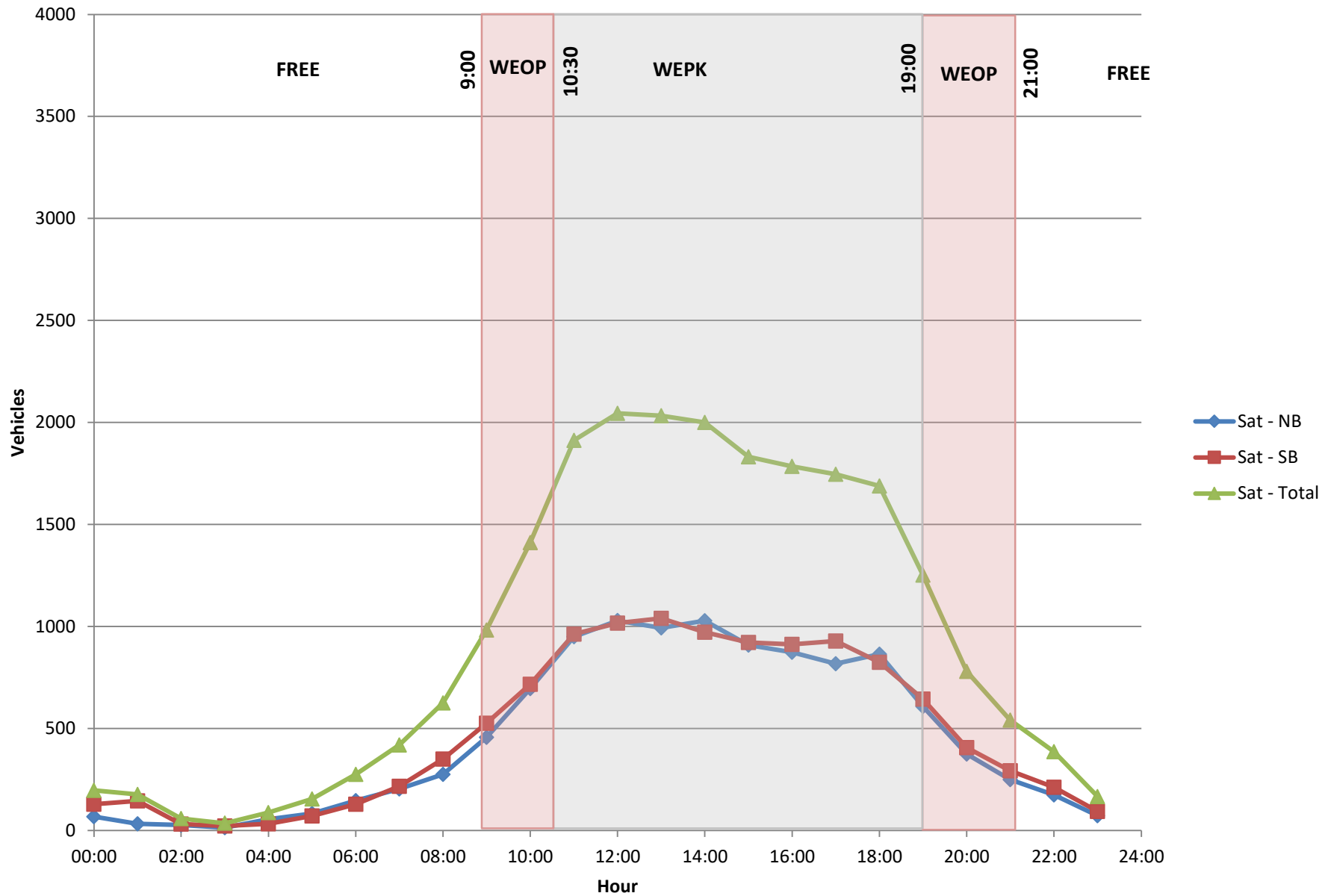
<b>SR-159 Between US-35 WB Ramp and Marietta Rd</b>						
<b>Time</b>	<b>Thurs - NB Vehicles</b>	<b>Thurs - SB Vehicles</b>	<b>Sat - NB Vehicles</b>	<b>Sat - SB Vehicles</b>	<b>Thurs - Total</b>	<b>Sat - Total</b>
0:00:00	69	145	122	203	214	325
0:01:00	70	163	57	182	233	239
0:02:00	51	63	48	69	114	117
0:03:00	67	46	31	39	113	70
0:04:00	167	68	106	39	235	145
0:05:00	386	166	152	94	552	246
0:06:00	743	347	259	182	1090	441
0:07:00	894	633	429	270	1527	699
0:08:00	1063	813	719	533	1876	1252
0:09:00	1230	1018	1084	767	2248	1851
0:10:00	1440	1239	1663	1194	2679	2857
0:11:00	1569	1482	1832	1571	3051	3403
0:12:00	1654	1742	2006	1729	3396	3735
0:13:00	1513	1561	1974	1859	3074	3833
0:14:00	1621	1787	1737	1847	3408	3584
0:15:00	1779	1999	1619	1784	3778	3403
0:16:00	1641	2009	1521	1658	3650	3179
0:17:00	1562	1929	1509	1663	3491	3172
0:18:00	1313	1583	1433	1615	2896	3048
0:19:00	850	1276	975	1399	2126	2374
0:20:00	565	893	621	998	1458	1619
0:21:00	340	589	392	639	929	1031
0:22:00	231	331	291	450	562	741
0:23:00	117	243	172	261	360	433

### ROS-159 Project - Traffic Volumes and Weekday Timing Plans (Location 1)

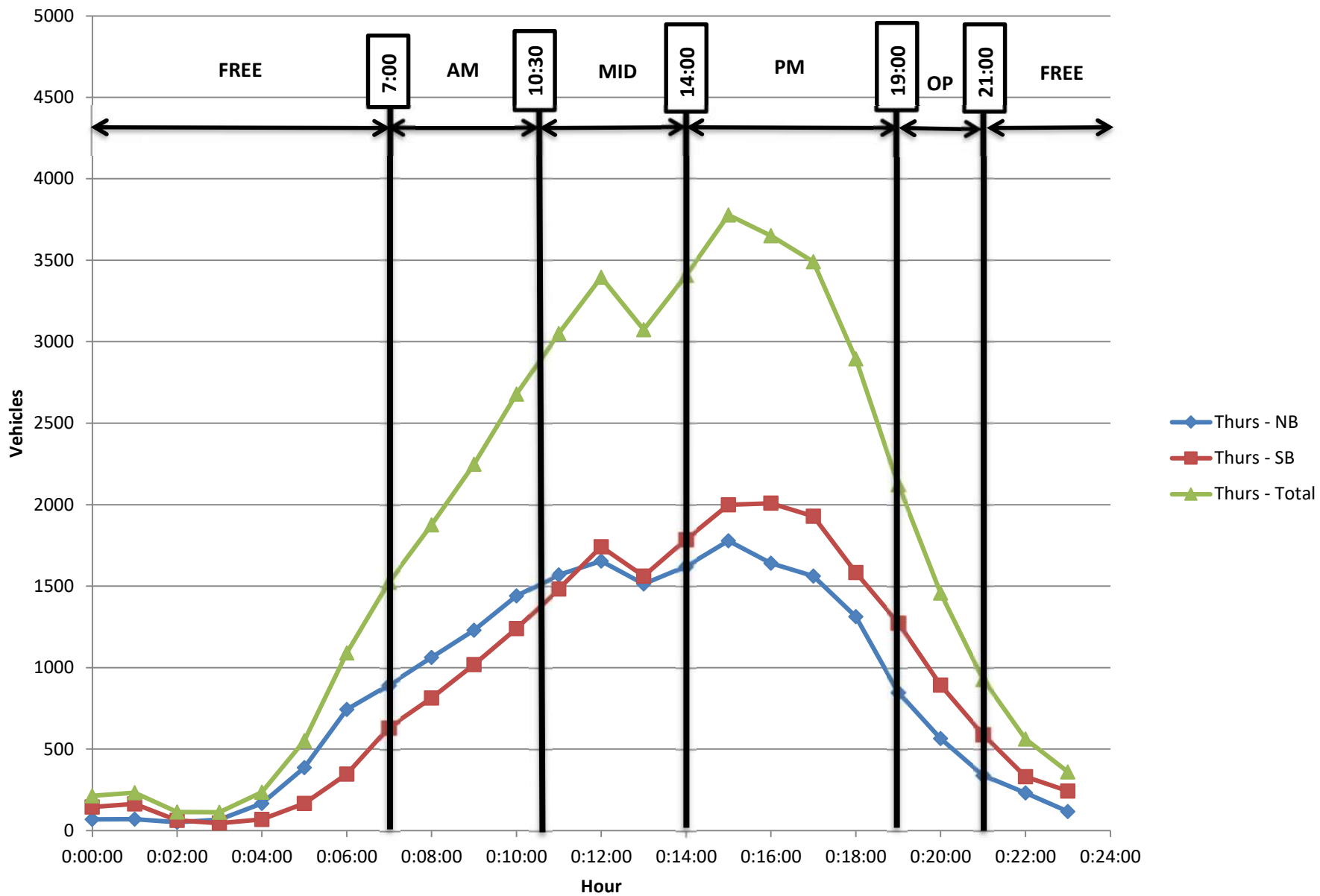




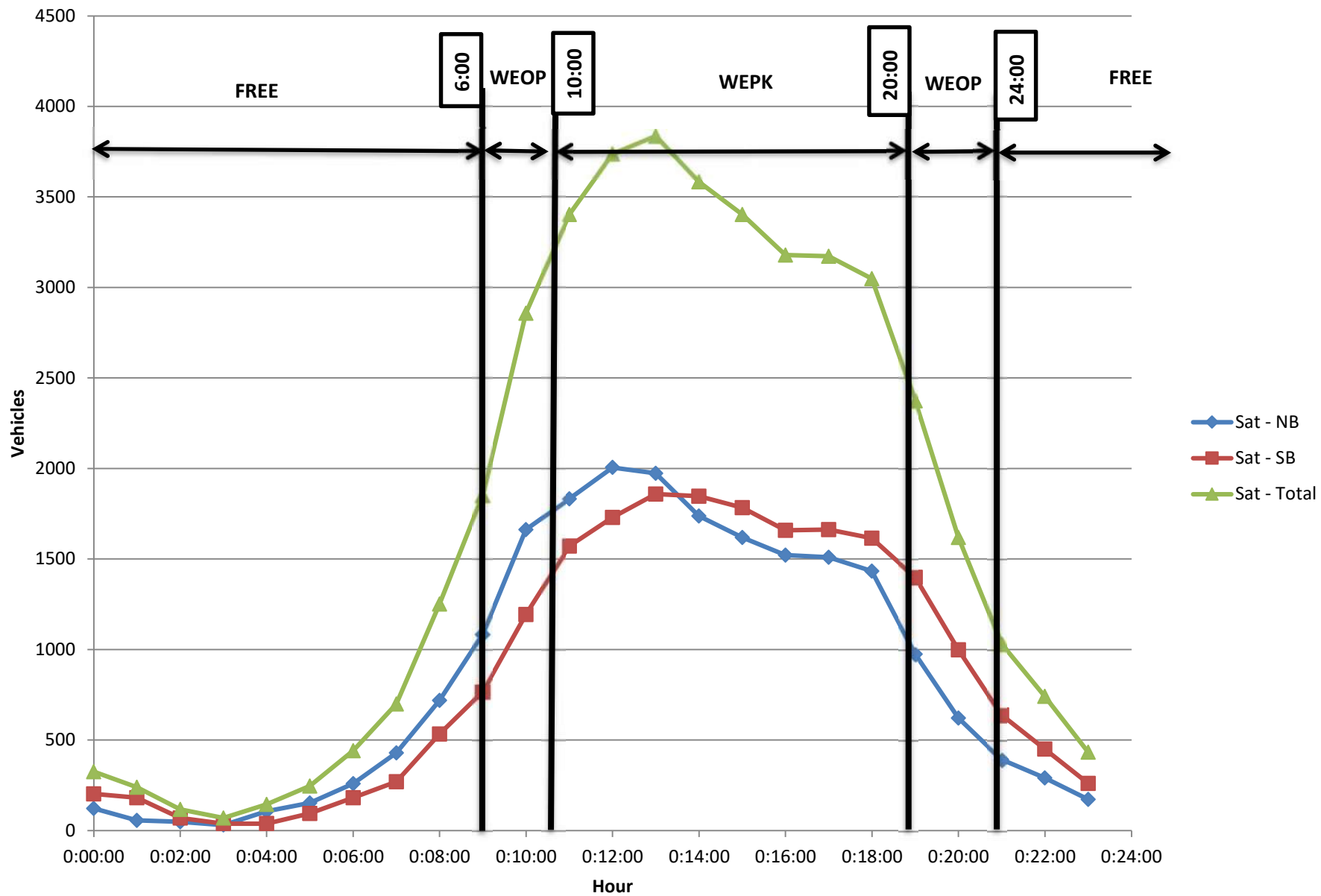
## ROS-159 Project - Traffic Volumes and Weekend Timing Plans (Location 1)



## ROS-159 Project - Traffic Volumes and Weekday Timing Plans (Location 2)



### ROS-159 Project - Traffic Volumes and Weekend Timing Plans (Location 2)





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Stewart Road Thur 10-15-2020  
Site Code : 794902  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	85	23	1	109	2	1	9	0	12	0	74	10	0	84	2	0	3	2	7	212
07:15 AM	0	74	38	0	112	5	1	13	0	19	0	94	19	0	113	1	0	2	0	3	247
07:30 AM	0	108	38	0	146	9	1	16	0	26	0	116	18	0	134	4	0	2	0	6	312
07:45 AM	0	157	48	0	205	9	1	22	1	33	0	105	28	0	133	6	0	3	0	9	380
Total	0	424	147	1	572	25	4	60	1	90	0	389	75	0	464	13	0	10	2	25	1151
12:00 PM	0	226	108	0	334	35	2	56	2	95	0	174	35	0	209	35	2	17	1	55	693
12:15 PM	0	202	119	0	321	47	3	81	1	132	0	186	53	0	239	30	1	17	0	48	740
12:30 PM	0	205	124	0	329	31	3	57	0	91	0	214	42	0	256	34	0	31	0	65	741
12:45 PM	0	189	94	0	283	29	4	42	0	75	0	190	61	0	251	31	2	15	0	48	657
Total	0	822	445	0	1267	142	12	236	3	393	0	764	191	0	955	130	5	80	1	216	2831
04:00 PM	0	236	118	0	354	43	3	94	0	140	1	176	57	0	234	23	1	21	1	46	774
04:15 PM	0	245	109	0	354	45	4	83	0	132	0	199	56	0	255	29	1	27	1	58	799
04:30 PM	0	230	114	0	344	40	0	86	0	126	0	196	51	0	247	25	1	16	0	42	759
04:45 PM	0	225	102	0	327	47	4	88	0	139	0	193	49	0	242	31	1	15	0	47	755
Total	0	936	443	0	1379	175	11	351	0	537	1	764	213	0	978	108	4	79	2	193	3087
09:00 PM	0	76	14	0	90	18	1	24	0	43	0	59	11	0	70	8	0	4	0	12	215
09:15 PM	0	68	21	0	89	14	0	19	1	34	0	63	14	0	77	10	1	10	0	21	221
09:30 PM	0	74	22	0	96	10	0	20	0	30	0	44	18	0	62	5	0	4	0	9	197
09:45 PM	0	54	12	0	66	17	0	20	0	37	0	37	12	0	49	4	0	6	0	10	162
Total	0	272	69	0	341	59	1	83	1	144	0	203	55	0	258	27	1	24	0	52	795
Grand Total	0	2454	1104	1	3559	401	28	730	5	1164	1	2120	534	0	2655	278	10	193	5	486	7864
Apprch %	0	69	31	0		34.5	2.4	62.7	0.4		0	79.8	20.1	0		57.2	2.1	39.7	1		
Total %	0	31.2	14	0	45.3	5.1	0.4	9.3	0.1	14.8	0	27	6.8	0	33.8	3.5	0.1	2.5	0.1	6.2	
Cars	0	2407	1086	0	3493	392	28	722	0	1142	1	2072	530	0	2603	275	10	192	0	477	7715
% Cars	0	98.1	98.4	0	98.1	97.8	100	98.9	0	98.1	100	97.7	99.3	0	98	98.9	100	99.5	0	98.1	98.1
Trucks	0	47	18	0	65	9	0	8	0	17	0	48	4	0	52	3	0	1	0	4	138
% Trucks	0	1.9	1.6	0	1.8	2.2	0	1.1	0	1.5	0	2.3	0.7	0	2	1.1	0	0.5	0	0.8	1.8
Pedestrians	0	0	0	1	1	0	0	0	5	5	0	0	0	0	0	0	0	0	5	5	11
% Pedestrians	0	0	0	100	0	0	0	0	100	0.4	0	0	0	0	0	0	0	0	100	1	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Stewart Road Thur 10-15-2020  
Site Code : 794902  
Start Date : 10/15/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	85	23	1	109	2	1	9	0	12	0	74	10	0	84	2	0	3	2	7	212
07:15 AM	0	74	38	0	112	5	1	13	0	19	0	94	19	0	113	1	0	2	0	3	247
07:30 AM	0	108	38	0	146	9	1	16	0	26	0	116	18	0	134	4	0	2	0	6	312
07:45 AM	0	157	48	0	205	9	1	22	1	33	0	105	28	0	133	6	0	3	0	9	380
Total Volume	0	424	147	1	572	25	4	60	1	90	0	389	75	0	464	13	0	10	2	25	1151
% App. Total	0	74.1	25.7	0.2		27.8	4.4	66.7	1.1		0	83.8	16.2	0		52	0	40	8		
PHF	.000	.675	.766	.250	.698	.694	1.00	.682	.250	.682	.000	.838	.670	.000	.866	.542	.000	.833	.250	.694	.757
Cars	0	409	141	0	550	23	4	55	0	82	0	369	75	0	444	13	0	9	0	22	1098
% Cars	0	96.5	95.9	0	96.2	92.0	100	91.7	0	91.1	0	94.9	100	0	95.7	100	0	90.0	0	88.0	95.4
Trucks	0	15	6	0	21	2	0	5	0	7	0	20	0	0	20	0	0	1	0	1	49
% Trucks	0	3.5	4.1	0	3.7	8.0	0	8.3	0	7.8	0	5.1	0	0	4.3	0	0	10.0	0	4.0	4.3
Pedestrians	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2	4
% Pedestrians	0	0	0	100	0.2	0	0	0	100	1.1	0	0	0	0	0	0	0	0	100	8.0	0.3
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	0	226	108	0	334	35	2	56	2	95	0	174	35	0	209	35	2	17	1	55	693
12:15 PM	0	202	119	0	321	47	3	81	1	132	0	186	53	0	239	30	1	17	0	48	740
12:30 PM	0	205	124	0	329	31	3	57	0	91	0	214	42	0	256	34	0	31	0	65	741
12:45 PM	0	189	94	0	283	29	4	42	0	75	0	190	61	0	251	31	2	15	0	48	657
Total Volume	0	822	445	0	1267	142	12	236	3	393	0	764	191	0	955	130	5	80	1	216	2831
% App. Total	0	64.9	35.1	0		36.1	3.1	60.1	0.8		0	80	20	0		60.2	2.3	37	0.5		
PHF	.000	.909	.897	.000	.948	.755	.750	.728	.375	.744	.000	.893	.783	.000	.933	.929	.625	.645	.250	.831	.955
Cars	0	806	440	0	1246	138	12	235	0	385	0	745	188	0	933	129	5	80	0	214	2778
% Cars	0	98.1	98.9	0	98.3	97.2	100	99.6	0	98.0	0	97.5	98.4	0	97.7	99.2	100	100	0	99.1	98.1
Trucks	0	16	5	0	21	4	0	1	0	5	0	19	3	0	22	1	0	0	0	1	49
% Trucks	0	1.9	1.1	0	1.7	2.8	0	0.4	0	1.3	0	2.5	1.6	0	2.3	0.8	0	0	0	0.5	1.7
Pedestrians	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	1	1	4
% Pedestrians	0	0	0	0	0	0	0	0	100	0.8	0	0	0	0	0	0	0	0	100	0.5	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Stewart Road Thur 10-15-2020  
Site Code : 794902  
Start Date : 10/15/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	0	236	118	0	354	43	3	94	0	140	1	176	57	0	234	23	1	21	1	46	774
04:15 PM	0	245	109	0	354	45	4	83	0	132	0	199	56	0	255	29	1	27	1	58	799
04:30 PM	0	230	114	0	344	40	0	86	0	126	0	196	51	0	247	25	1	16	0	42	759
04:45 PM	0	225	102	0	327	47	4	88	0	139	0	193	49	0	242	31	1	15	0	47	755
Total Volume	0	936	443	0	1379	175	11	351	0	537	1	764	213	0	978	108	4	79	2	193	3087
% App. Total	0	67.9	32.1	0		32.6	2	65.4	0		0.1	78.1	21.8	0		56	2.1	40.9	1		
PHF	.000	.955	.939	.000	.974	.931	.688	.934	.000	.959	.250	.960	.934	.000	.959	.871	1.00	.731	.500	.832	.966
Cars	0	923	438	0	1361	173	11	349	0	533	1	758	212	0	971	106	4	79	0	189	3054
% Cars	0	98.6	98.9	0	98.7	98.9	100	99.4	0	99.3	100	99.2	99.5	0	99.3	98.1	100	100	0	97.9	98.9
Trucks	0	13	5	0	18	2	0	2	0	4	0	6	1	0	7	2	0	0	0	2	31
% Trucks	0	1.4	1.1	0	1.3	1.1	0	0.6	0	0.7	0	0.8	0.5	0	0.7	1.9	0	0	0	1.0	1.0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.0	0.1
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	0	76	14	0	90	18	1	24	0	43	0	59	11	0	70	8	0	4	0	12	215
09:15 PM	0	68	21	0	89	14	0	19	1	34	0	63	14	0	77	10	1	10	0	21	221
09:30 PM	0	74	22	0	96	10	0	20	0	30	0	44	18	0	62	5	0	4	0	9	197
09:45 PM	0	54	12	0	66	17	0	20	0	37	0	37	12	0	49	4	0	6	0	10	162
Total Volume	0	272	69	0	341	59	1	83	1	144	0	203	55	0	258	27	1	24	0	52	795
% App. Total	0	79.8	20.2	0		41	0.7	57.6	0.7		0	78.7	21.3	0		51.9	1.9	46.2	0		
PHF	.000	.895	.784	.000	.888	.819	.250	.865	.250	.837	.000	.806	.764	.000	.838	.675	.250	.600	.000	.619	.899
Cars	0	269	67	0	336	58	1	83	0	142	0	200	55	0	255	27	1	24	0	52	785
% Cars	0	98.9	97.1	0	98.5	98.3	100	100	0	98.6	0	98.5	100	0	98.8	100	100	100	0	100	98.7
Trucks	0	3	2	0	5	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	9
% Trucks	0	1.1	2.9	0	1.5	1.7	0	0	0	0.7	0	1.5	0	0	1.2	0	0	0	0	0	1.1
Pedestrians	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1
% Pedestrians	0	0	0	0	0	0	0	0	100	0.7	0	0	0	0	0	0	0	0	0	0	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Stewart Road Thur 10-15-2020  
Site Code : 794902  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	3	0	0	3	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	7
07:15 AM	0	5	3	0	8	0	0	2	0	2	0	6	0	0	6	0	0	0	0	0	16
07:30 AM	0	5	2	0	7	0	0	1	0	1	0	5	0	0	5	0	0	0	0	0	13
07:45 AM	0	2	1	0	3	2	0	1	0	3	0	6	0	0	6	0	0	1	0	1	13
Total	0	15	6	0	21	2	0	5	0	7	0	20	0	0	20	0	0	1	0	1	49
12:00 PM	0	5	2	0	7	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	12
12:15 PM	0	3	2	0	5	2	0	0	0	2	0	4	2	0	6	0	0	0	0	0	13
12:30 PM	0	4	0	0	4	2	0	1	0	3	0	6	1	0	7	0	0	0	0	0	14
12:45 PM	0	4	1	0	5	0	0	0	0	0	0	4	0	0	4	1	0	0	0	1	10
Total	0	16	5	0	21	4	0	1	0	5	0	19	3	0	22	1	0	0	0	1	49
04:00 PM	0	4	3	0	7	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	9
04:15 PM	0	2	1	0	3	1	0	1	0	2	0	2	0	0	2	0	0	0	0	0	7
04:30 PM	0	4	0	0	4	1	0	0	0	1	0	2	1	0	3	1	0	0	0	1	9
04:45 PM	0	3	1	0	4	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	6
Total	0	13	5	0	18	2	0	2	0	4	0	6	1	0	7	2	0	0	0	2	31
09:00 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
09:15 PM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:30 PM	0	1	1	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	2	0	5	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	9
Grand Total	0	47	18	0	65	9	0	8	0	17	0	48	4	0	52	3	0	1	0	4	138
Apprch %	0	72.3	27.7	0		52.9	0	47.1	0		0	92.3	7.7	0		75	0	25	0		
Total %	0	34.1	13	0	47.1	6.5	0	5.8	0	12.3	0	34.8	2.9	0	37.7	2.2	0	0.7	0	2.9	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Stewart Road Sat 10-17-2020  
Site Code : 794902  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	191	138	1	330	60	2	88	0	150	0	194	64	0	258	39	2	26	0	67	805
01:15 PM	0	217	145	0	362	47	3	91	0	141	0	202	43	1	246	33	1	21	0	55	804
01:30 PM	0	219	142	0	361	47	0	100	0	147	0	188	50	0	238	50	0	31	0	81	827
01:45 PM	0	203	156	0	359	45	4	115	0	164	0	200	67	0	267	35	2	17	0	54	844
Total	0	830	581	1	1412	199	9	394	0	602	0	784	224	1	1009	157	5	95	0	257	3280
05:00 PM	0	193	105	0	298	57	1	96	0	154	0	177	36	0	213	28	0	20	2	50	715
05:15 PM	0	189	106	0	295	40	2	80	0	122	0	176	53	0	229	26	1	16	0	43	689
05:30 PM	0	196	74	0	270	34	1	73	1	109	0	156	47	0	203	26	2	18	0	46	628
05:45 PM	0	173	110	0	283	32	0	79	0	111	0	143	38	0	181	28	2	13	0	43	618
Total	0	751	395	0	1146	163	4	328	1	496	0	652	174	0	826	108	5	67	2	182	2650
Grand Total	0	1581	976	1	2558	362	13	722	1	1098	0	1436	398	1	1835	265	10	162	2	439	5930
Apprch %	0	61.8	38.2	0		33	1.2	65.8	0.1		0	78.3	21.7	0.1		60.4	2.3	36.9	0.5		
Total %	0	26.7	16.5	0	43.1	6.1	0.2	12.2	0	18.5	0	24.2	6.7	0	30.9	4.5	0.2	2.7	0	7.4	
Cars	0	1568	973	0	2541	359	13	717	0	1089	0	1427	395	0	1822	265	10	162	0	437	5889
% Cars	0	99.2	99.7	0	99.3	99.2	100	99.3	0	99.2	0	99.4	99.2	0	99.3	100	100	100	0	99.5	99.3
Trucks	0	13	3	0	16	3	0	5	0	8	0	9	3	0	12	0	0	0	0	0	36
% Trucks	0	0.8	0.3	0	0.6	0.8	0	0.7	0	0.7	0	0.6	0.8	0	0.7	0	0	0	0	0	0.6
Pedestrians	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	2	2	5
% Pedestrians	0	0	0	100	0	0	0	0	100	0.1	0	0	0	100	0.1	0	0	0	100	0.5	0.1





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Stewart Road Sat 10-17-2020  
Site Code : 794902  
Start Date : 10/17/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	0	191	138	1	330	60	2	88	0	150	0	194	64	0	258	39	2	26	0	67	805
01:15 PM	0	217	145	0	362	47	3	91	0	141	0	202	43	1	246	33	1	21	0	55	804
01:30 PM	0	219	142	0	361	47	0	100	0	147	0	188	50	0	238	50	0	31	0	81	827
01:45 PM	0	203	156	0	359	45	4	115	0	164	0	200	67	0	267	35	2	17	0	54	844
Total Volume	0	830	581	1	1412	199	9	394	0	602	0	784	224	1	1009	157	5	95	0	257	3280
% App. Total	0	58.8	41.1	0.1		33.1	1.5	65.4	0		0	77.7	22.2	0.1		61.1	1.9	37	0		
PHF	.000	.947	.931	.250	.975	.829	.563	.857	.000	.918	.000	.970	.836	.250	.945	.785	.625	.766	.000	.793	.972
Cars	0	825	579	0	1404	197	9	390	0	596	0	777	224	0	1001	157	5	95	0	257	3258
% Cars	0	99.4	99.7	0	99.4	99.0	100	99.0	0	99.0	0	99.1	100	0	99.2	100	100	100	0	100	99.3
Trucks	0	5	2	0	7	2	0	4	0	6	0	7	0	0	7	0	0	0	0	0	20
% Trucks	0	0.6	0.3	0	0.5	1.0	0	1.0	0	1.0	0	0.9	0	0	0.7	0	0	0	0	0	0.6
Pedestrians	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
% Pedestrians	0	0	0	100	0.1	0	0	0	0	0	0	0	0	100	0.1	0	0	0	0	0	0.1
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	193	105	0	298	57	1	96	0	154	0	177	36	0	213	28	0	20	2	50	715
05:15 PM	0	189	106	0	295	40	2	80	0	122	0	176	53	0	229	26	1	16	0	43	689
05:30 PM	0	196	74	0	270	34	1	73	1	109	0	156	47	0	203	26	2	18	0	46	628
05:45 PM	0	173	110	0	283	32	0	79	0	111	0	143	38	0	181	28	2	13	0	43	618
Total Volume	0	751	395	0	1146	163	4	328	1	496	0	652	174	0	826	108	5	67	2	182	2650
% App. Total	0	65.5	34.5	0		32.9	0.8	66.1	0.2		0	78.9	21.1	0		59.3	2.7	36.8	1.1		
PHF	.000	.958	.898	.000	.961	.715	.500	.854	.250	.805	.000	.921	.821	.000	.902	.964	.625	.838	.250	.910	.927
Cars	0	743	394	0	1137	162	4	327	0	493	0	650	171	0	821	108	5	67	0	180	2631
% Cars	0	98.9	99.7	0	99.2	99.4	100	99.7	0	99.4	0	99.7	98.3	0	99.4	100	100	100	0	98.9	99.3
Trucks	0	8	1	0	9	1	0	1	0	2	0	2	3	0	5	0	0	0	0	0	16
% Trucks	0	1.1	0.3	0	0.8	0.6	0	0.3	0	0.4	0	0.3	1.7	0	0.6	0	0	0	0	0	0.6
Pedestrians	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2	3
% Pedestrians	0	0	0	0	0	0	0	0	100	0.2	0	0	0	0	0	0	0	0	100	1.1	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Stewart Road Sat 10-17-2020  
Site Code : 794902  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	2	0	0	2	1	0	1	0	2	0	3	0	0	3	0	0	0	0	0	7
01:15 PM	0	2	0	0	2	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	5
01:30 PM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
01:45 PM	0	0	1	0	1	1	0	2	0	3	0	1	0	0	1	0	0	0	0	0	5
Total	0	5	2	0	7	2	0	4	0	6	0	7	0	0	7	0	0	0	0	0	20
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
05:15 PM	0	4	0	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	5
05:30 PM	0	2	1	0	3	1	0	0	0	1	0	1	1	0	2	0	0	0	0	0	6
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	3
Total	0	8	1	0	9	1	0	1	0	2	0	2	3	0	5	0	0	0	0	0	16
Grand Total	0	13	3	0	16	3	0	5	0	8	0	9	3	0	12	0	0	0	0	0	36
Apprch %	0	81.2	18.8	0		37.5	0	62.5	0		0	75	25	0		0	0	0	0	0	
Total %	0	36.1	8.3	0	44.4	8.3	0	13.9	0	22.2	0	25	8.3	0	33.3	0	0	0	0	0	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Stewart\_Road\_(Additional\_Hour)\_804253\_10-15-2020  
Site Code :  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	159	91	0	250	17	1	49	0	67	0	147	41	0	188	18	0	10	1	29	534
10:15 AM	0	159	99	0	258	33	2	44	2	81	0	130	51	1	182	27	1	15	0	43	564
10:30 AM	1	145	105	0	251	21	3	60	0	84	0	151	48	0	199	25	0	12	0	37	571
10:45 AM	0	161	117	0	278	36	3	54	0	93	0	178	48	0	226	24	2	19	1	46	643
Total	1	624	412	0	1037	107	9	207	2	325	0	606	188	1	795	94	3	56	2	155	2312
Grand Total	1	624	412	0	1037	107	9	207	2	325	0	606	188	1	795	94	3	56	2	155	2312
Apprch %	0.1	60.2	39.7	0		32.9	2.8	63.7	0.6		0	76.2	23.6	0.1		60.6	1.9	36.1	1.3		
Total %	0	27	17.8	0	44.9	4.6	0.4	9	0.1	14.1	0	26.2	8.1	0	34.4	4.1	0.1	2.4	0.1	6.7	
Cars	0	608	401	0	1009	107	9	201	0	317	0	593	184	0	777	92	3	55	0	150	2253
% Cars	0	97.4	97.3	0	97.3	100	100	97.1	0	97.5	0	97.9	97.9	0	97.7	97.9	100	98.2	0	96.8	97.4
Trucks	1	16	11	0	28	0	0	6	0	6	0	13	4	0	17	2	0	1	0	3	54
% Trucks	100	2.6	2.7	0	2.7	0	0	2.9	0	1.8	0	2.1	2.1	0	2.1	2.1	0	1.8	0	1.9	2.3
Pedestrians	0	0	0	0	0	0	0	0	2	2	0	0	0	1	1	0	0	0	2	2	5
% Pedestrians	0	0	0	0	0	0	0	0	100	0.6	0	0	0	100	0.1	0	0	0	100	1.3	0.2



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Stewart\_Road\_(Additional\_Hour)\_804253\_10-15-2020  
Site Code :  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Stewart Rd Westbound					Bridge St (SR 159) Northbound					Stewart Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	4	2	0	6	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	9
10:15 AM	0	2	2	0	4	0	0	1	0	1	0	3	1	0	4	0	0	1	0	1	10
10:30 AM	1	3	0	0	4	0	0	4	0	4	0	5	0	0	5	1	0	0	0	1	14
10:45 AM	0	7	7	0	14	0	0	1	0	1	0	2	3	0	5	1	0	0	0	1	21
Total	1	16	11	0	28	0	0	6	0	6	0	13	4	0	17	2	0	1	0	3	54
Grand Total	1	16	11	0	28	0	0	6	0	6	0	13	4	0	17	2	0	1	0	3	54
Apprch %	3.6	57.1	39.3	0		0	0	100	0		0	76.5	23.5	0		66.7	0	33.3	0		
Total %	1.9	29.6	20.4	0	51.9	0	0	11.1	0	11.1	0	24.1	7.4	0	31.5	3.7	0	1.9	0	5.6	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & US 35 EB Ramps Thur 10-22-2020  
Site Code : 794903  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					US 35 EB On Ramp Westbound					Bridge St (SR 159) Northbound					US 35 EB Off Ramp Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	14	66	0	0	80	0	0	0	1	1	0	83	4	0	87	60	0	28	0	88	256
07:15 AM	13	103	0	0	116	0	0	0	0	0	0	121	6	0	127	88	1	30	0	119	362
07:30 AM	21	100	0	0	121	0	0	0	0	0	0	130	7	0	137	110	0	42	0	152	410
07:45 AM	16	162	0	0	178	0	0	0	1	1	0	132	4	0	136	148	0	82	0	230	545
Total	64	431	0	0	495	0	0	0	2	2	0	466	21	0	487	406	1	182	0	589	1573
12:00 PM	64	297	0	0	361	0	0	0	0	0	0	288	12	0	300	101	0	53	0	154	815
12:15 PM	74	269	0	0	343	0	0	0	0	0	0	268	15	0	283	112	0	63	2	177	803
12:30 PM	79	271	0	0	350	0	0	0	0	0	0	264	17	0	281	107	0	56	0	163	794
12:45 PM	72	251	0	0	323	0	0	0	0	0	0	275	20	0	295	122	0	53	1	176	794
Total	289	1088	0	0	1377	0	0	0	0	0	0	1095	64	0	1159	442	0	225	3	670	3206
04:00 PM	87	302	0	0	389	0	0	0	0	0	0	289	38	0	327	135	0	64	0	199	915
04:15 PM	90	267	0	0	357	0	0	0	1	1	0	294	26	0	320	133	0	81	2	216	894
04:30 PM	95	289	0	0	384	0	0	0	1	1	0	275	25	0	300	114	0	56	1	171	856
04:45 PM	95	308	0	0	403	0	0	0	0	0	0	278	21	0	299	128	0	63	4	195	897
Total	367	1166	0	0	1533	0	0	0	2	2	0	1136	110	0	1246	510	0	264	7	781	3562
09:00 PM	36	92	0	0	128	0	0	0	0	0	0	101	12	0	113	28	0	13	1	42	283
09:15 PM	32	63	0	0	95	0	0	0	0	0	0	66	6	0	72	18	0	22	0	40	207
09:30 PM	26	74	0	0	100	0	0	0	0	0	0	62	7	0	69	19	0	11	0	30	199
09:45 PM	20	62	0	0	82	0	0	0	0	0	0	65	8	0	73	24	0	10	1	35	190
Total	114	291	0	0	405	0	0	0	0	0	0	294	33	0	327	89	0	56	2	147	879
Grand Total	834	2976	0	0	3810	0	0	0	4	4	0	2991	228	0	3219	1447	1	727	12	2187	9220
Apprch %	21.9	78.1	0	0		0	0	0	100		0	92.9	7.1	0		66.2	0	33.2	0.5		
Total %	9	32.3	0	0	41.3	0	0	0	0	0	0	32.4	2.5	0	34.9	15.7	0	7.9	0.1	23.7	
Cars	807	2923	0	0	3730	0	0	0	0	0	0	2921	219	0	3140	1395	1	707	0	2103	8973
% Cars	96.8	98.2	0	0	97.9	0	0	0	0	0	0	97.7	96.1	0	97.5	96.4	100	97.2	0	96.2	97.3
Trucks	27	53	0	0	80	0	0	0	0	0	0	70	9	0	79	52	0	20	0	72	231
% Trucks	3.2	1.8	0	0	2.1	0	0	0	0	0	0	2.3	3.9	0	2.5	3.6	0	2.8	0	3.3	2.5
Pedestrians	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	12	12	16
% Pedestrians	0	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	100	0.5	0.2



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & US 35 EB Ramps Thur 10-22-2020  
Site Code : 794903  
Start Date : 10/22/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					US 35 EB On Ramp Westbound					Bridge St (SR 159) Northbound					US 35 EB Off Ramp Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	14	66	0	0	80	0	0	0	1	1	0	83	4	0	87	60	0	28	0	88	256
07:15 AM	13	103	0	0	116	0	0	0	0	0	0	121	6	0	127	88	1	30	0	119	362
07:30 AM	21	100	0	0	121	0	0	0	0	0	0	130	7	0	137	110	0	42	0	152	410
07:45 AM	16	162	0	0	178	0	0	0	1	1	0	132	4	0	136	148	0	82	0	230	545
Total Volume	64	431	0	0	495	0	0	0	2	2	0	466	21	0	487	406	1	182	0	589	1573
% App. Total	12.9	87.1	0	0		0	0	0	100		0	95.7	4.3	0		68.9	0.2	30.9	0		
PHF	.762	.665	.000	.000	.695	.000	.000	.000	.500	.500	.000	.883	.750	.000	.889	.686	.250	.555	.000	.640	.722
Cars	61	416	0	0	477	0	0	0	0	0	0	442	19	0	461	395	1	177	0	573	1511
% Cars	95.3	96.5	0	0	96.4	0	0	0	0	0	0	94.8	90.5	0	94.7	97.3	100	97.3	0	97.3	96.1
Trucks	3	15	0	0	18	0	0	0	0	0	0	24	2	0	26	11	0	5	0	16	60
% Trucks	4.7	3.5	0	0	3.6	0	0	0	0	0	0	5.2	9.5	0	5.3	2.7	0	2.7	0	2.7	3.8
Pedestrians	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
% Pedestrians	0	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0.1
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	64	297	0	0	361	0	0	0	0	0	0	288	12	0	300	101	0	53	0	154	815
12:15 PM	74	269	0	0	343	0	0	0	0	0	0	268	15	0	283	112	0	63	2	177	803
12:30 PM	79	271	0	0	350	0	0	0	0	0	0	264	17	0	281	107	0	56	0	163	794
12:45 PM	72	251	0	0	323	0	0	0	0	0	0	275	20	0	295	122	0	53	1	176	794
Total Volume	289	1088	0	0	1377	0	0	0	0	0	0	1095	64	0	1159	442	0	225	3	670	3206
% App. Total	21	79	0	0		0	0	0	0		0	94.5	5.5	0		66	0	33.6	0.4		
PHF	.915	.916	.000	.000	.954	.000	.000	.000	.000	.000	.000	.951	.800	.000	.966	.906	.000	.893	.375	.946	.983
Cars	273	1062	0	0	1335	0	0	0	0	0	0	1066	61	0	1127	416	0	214	0	630	3092
% Cars	94.5	97.6	0	0	96.9	0	0	0	0	0	0	97.4	95.3	0	97.2	94.1	0	95.1	0	94.0	96.4
Trucks	16	26	0	0	42	0	0	0	0	0	0	29	3	0	32	26	0	11	0	37	111
% Trucks	5.5	2.4	0	0	3.1	0	0	0	0	0	0	2.6	4.7	0	2.8	5.9	0	4.9	0	5.5	3.5
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.4	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & US 35 EB Ramps Thur 10-22-2020  
Site Code : 794903  
Start Date : 10/22/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					US 35 EB On Ramp Westbound					Bridge St (SR 159) Northbound					US 35 EB Off Ramp Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	87	302	0	0	389	0	0	0	0	0	0	289	38	0	327	135	0	64	0	199	915
04:15 PM	90	267	0	0	357	0	0	0	1	1	0	294	26	0	320	133	0	81	2	216	894
04:30 PM	95	289	0	0	384	0	0	0	1	1	0	275	25	0	300	114	0	56	1	171	856
04:45 PM	95	308	0	0	403	0	0	0	0	0	0	278	21	0	299	128	0	63	4	195	897
Total Volume	367	1166	0	0	1533	0	0	0	2	2	0	1136	110	0	1246	510	0	264	7	781	3562
% App. Total	23.9	76.1	0	0		0	0	0	100		0	91.2	8.8	0		65.3	0	33.8	0.9		
PHF	.966	.946	.000	.000	.951	.000	.000	.000	.500	.500	.000	.966	.724	.000	.953	.944	.000	.815	.438	.904	.973
Cars	359	1155	0	0	1514	0	0	0	0	0	0	1121	107	0	1228	496	0	262	0	758	3500
% Cars	97.8	99.1	0	0	98.8	0	0	0	0	0	0	98.7	97.3	0	98.6	97.3	0	99.2	0	97.1	98.3
Trucks	8	11	0	0	19	0	0	0	0	0	0	15	3	0	18	14	0	2	0	16	53
% Trucks	2.2	0.9	0	0	1.2	0	0	0	0	0	0	1.3	2.7	0	1.4	2.7	0	0.8	0	2.0	1.5
Pedestrians	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	7	7	9
% Pedestrians	0	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	100	0.9	0.3
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	36	92	0	0	128	0	0	0	0	0	0	101	12	0	113	28	0	13	1	42	283
09:15 PM	32	63	0	0	95	0	0	0	0	0	0	66	6	0	72	18	0	22	0	40	207
09:30 PM	26	74	0	0	100	0	0	0	0	0	0	62	7	0	69	19	0	11	0	30	199
09:45 PM	20	62	0	0	82	0	0	0	0	0	0	65	8	0	73	24	0	10	1	35	190
Total Volume	114	291	0	0	405	0	0	0	0	0	0	294	33	0	327	89	0	56	2	147	879
% App. Total	28.1	71.9	0	0		0	0	0	0		0	89.9	10.1	0		60.5	0	38.1	1.4		
PHF	.792	.791	.000	.000	.791	.000	.000	.000	.000	.000	.000	.728	.688	.000	.723	.795	.000	.636	.500	.875	.777
Cars	114	290	0	0	404	0	0	0	0	0	0	292	32	0	324	88	0	54	0	142	870
% Cars	100	99.7	0	0	99.8	0	0	0	0	0	0	99.3	97.0	0	99.1	98.9	0	96.4	0	96.6	99.0
Trucks	0	1	0	0	1	0	0	0	0	0	0	2	1	0	3	1	0	2	0	3	7
% Trucks	0	0.3	0	0	0.2	0	0	0	0	0	0	0.7	3.0	0	0.9	1.1	0	3.6	0	2.0	0.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.4	0.2



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & US 35 EB Ramps Thur 10-22-2020  
Site Code : 794903  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					US 35 EB On Ramp Westbound					Bridge St (SR 159) Northbound					US 35 EB Off Ramp Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	8	0	0	8	0	0	0	0	0	0	4	1	0	5	1	0	1	0	2	15
07:15 AM	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	6	0	3	0	9	18
07:30 AM	3	3	0	0	6	0	0	0	0	0	0	6	1	0	7	2	0	0	0	2	15
07:45 AM	0	1	0	0	1	0	0	0	0	0	0	8	0	0	8	2	0	1	0	3	12
Total	3	15	0	0	18	0	0	0	0	0	0	24	2	0	26	11	0	5	0	16	60
12:00 PM	4	9	0	0	13	0	0	0	0	0	0	9	1	0	10	7	0	3	0	10	33
12:15 PM	4	10	0	0	14	0	0	0	0	0	0	6	0	0	6	6	0	2	0	8	28
12:30 PM	7	5	0	0	12	0	0	0	0	0	0	6	2	0	8	7	0	2	0	9	29
12:45 PM	1	2	0	0	3	0	0	0	0	0	0	8	0	0	8	6	0	4	0	10	21
Total	16	26	0	0	42	0	0	0	0	0	0	29	3	0	32	26	0	11	0	37	111
04:00 PM	3	5	0	0	8	0	0	0	0	0	0	9	0	0	9	3	0	1	0	4	21
04:15 PM	1	2	0	0	3	0	0	0	0	0	0	0	1	0	1	3	0	1	0	4	8
04:30 PM	3	3	0	0	6	0	0	0	0	0	0	2	1	0	3	5	0	0	0	5	14
04:45 PM	1	1	0	0	2	0	0	0	0	0	0	4	1	0	5	3	0	0	0	3	10
Total	8	11	0	0	19	0	0	0	0	0	0	15	3	0	18	14	0	2	0	16	53
09:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	2
09:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	2	3
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	2	1	0	3	1	0	2	0	3	7
Grand Total	27	53	0	0	80	0	0	0	0	0	0	70	9	0	79	52	0	20	0	72	231
Apprch %	33.8	66.2	0	0		0	0	0	0		0	88.6	11.4	0		72.2	0	27.8	0		
Total %	11.7	22.9	0	0	34.6	0	0	0	0		0	30.3	3.9	0	34.2	22.5	0	8.7	0	31.2	





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & US 35 EB Ramps Sat 10-24-2020  
Site Code : 794903  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					US 35 EB On Ramp Westbound					Bridge St (SR 159) Northbound					US 35 EB Off Ramp Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	68	247	0	0	315	0	0	0	0	0	0	220	25	0	245	102	0	56	0	158	718
01:15 PM	67	237	0	0	304	0	0	0	0	0	0	257	28	0	285	110	0	59	0	169	758
01:30 PM	88	220	0	0	308	0	0	0	0	0	0	257	25	0	282	96	0	61	0	157	747
01:45 PM	86	237	0	0	323	0	0	0	0	0	0	225	29	0	254	117	0	63	1	181	758
Total	309	941	0	0	1250	0	0	0	0	0	0	959	107	0	1066	425	0	239	1	665	2981
05:00 PM	80	216	0	0	296	0	0	0	0	0	0	240	27	0	267	123	0	55	0	178	741
05:15 PM	99	213	0	0	312	0	0	0	0	0	0	207	26	0	233	93	0	37	0	130	675
05:30 PM	92	224	0	0	316	0	0	0	0	0	0	239	25	0	264	99	0	47	0	146	726
05:45 PM	91	218	0	0	309	0	0	0	0	0	0	225	25	0	250	110	0	42	0	152	711
Total	362	871	0	0	1233	0	0	0	0	0	0	911	103	0	1014	425	0	181	0	606	2853
Grand Total	671	1812	0	0	2483	0	0	0	0	0	0	1870	210	0	2080	850	0	420	1	1271	5834
Apprch %	27	73	0	0		0	0	0	0	0	0	89.9	10.1	0		66.9	0	33	0.1		
Total %	11.5	31.1	0	0	42.6	0	0	0	0	0	0	32.1	3.6	0	35.7	14.6	0	7.2	0	21.8	
Cars	668	1797	0	0	2465	0	0	0	0	0	0	1857	209	0	2066	839	0	416	0	1255	5786
% Cars	99.6	99.2	0	0	99.3	0	0	0	0	0	0	99.3	99.5	0	99.3	98.7	0	99	0	98.7	99.2
Trucks	3	15	0	0	18	0	0	0	0	0	0	13	1	0	14	11	0	4	0	15	47
% Trucks	0.4	0.8	0	0	0.7	0	0	0	0	0	0	0.7	0.5	0	0.7	1.3	0	1	0	1.2	0.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.1	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & US 35 EB Ramps Sat 10-24-2020  
Site Code : 794903  
Start Date : 10/24/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					US 35 EB On Ramp Westbound					Bridge St (SR 159) Northbound					US 35 EB Off Ramp Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	68	247	0	0	315	0	0	0	0	0	0	220	25	0	245	102	0	56	0	158	718
01:15 PM	67	237	0	0	304	0	0	0	0	0	0	257	28	0	285	110	0	59	0	169	758
01:30 PM	88	220	0	0	308	0	0	0	0	0	0	257	25	0	282	96	0	61	0	157	747
01:45 PM	86	237	0	0	323	0	0	0	0	0	0	225	29	0	254	117	0	63	1	181	758
Total Volume	309	941	0	0	1250	0	0	0	0	0	0	959	107	0	1066	425	0	239	1	665	2981
% App. Total	24.7	75.3	0	0		0	0	0	0	0	0	90	10	0		63.9	0	35.9	0.2		
PHF	.878	.952	.000	.000	.967	.000	.000	.000	.000	.000	.000	.933	.922	.000	.935	.908	.000	.948	.250	.919	.983
Cars	308	930	0	0	1238	0	0	0	0	0	0	951	107	0	1058	422	0	237	0	659	2955
% Cars	99.7	98.8	0	0	99.0	0	0	0	0	0	0	99.2	100	0	99.2	99.3	0	99.2	0	99.1	99.1
Trucks	1	11	0	0	12	0	0	0	0	0	0	8	0	0	8	3	0	2	0	5	25
% Trucks	0.3	1.2	0	0	1.0	0	0	0	0	0	0	0.8	0	0	0.8	0.7	0	0.8	0	0.8	0.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.2	0.0
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	80	216	0	0	296	0	0	0	0	0	0	240	27	0	267	123	0	55	0	178	741
05:15 PM	99	213	0	0	312	0	0	0	0	0	0	207	26	0	233	93	0	37	0	130	675
05:30 PM	92	224	0	0	316	0	0	0	0	0	0	239	25	0	264	99	0	47	0	146	726
05:45 PM	91	218	0	0	309	0	0	0	0	0	0	225	25	0	250	110	0	42	0	152	711
Total Volume	362	871	0	0	1233	0	0	0	0	0	0	911	103	0	1014	425	0	181	0	606	2853
% App. Total	29.4	70.6	0	0		0	0	0	0	0	0	89.8	10.2	0		70.1	0	29.9	0		
PHF	.914	.972	.000	.000	.975	.000	.000	.000	.000	.000	.000	.949	.954	.000	.949	.864	.000	.823	.000	.851	.963
Cars	360	867	0	0	1227	0	0	0	0	0	0	906	102	0	1008	417	0	179	0	596	2831
% Cars	99.4	99.5	0	0	99.5	0	0	0	0	0	0	99.5	99.0	0	99.4	98.1	0	98.9	0	98.3	99.2
Trucks	2	4	0	0	6	0	0	0	0	0	0	5	1	0	6	8	0	2	0	10	22
% Trucks	0.6	0.5	0	0	0.5	0	0	0	0	0	0	0.5	1.0	0	0.6	1.9	0	1.1	0	1.7	0.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & US 35 EB Ramps Sat 10-24-2020  
Site Code : 794903  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					US 35 EB On Ramp Westbound					Bridge St (SR 159) Northbound					US 35 EB Off Ramp Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
01:15 PM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	1	0	1	0	2	
01:30 PM	1	3	0	0	4	0	0	0	0	0	0	3	0	0	3	1	0	1	0	2	
01:45 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	
Total	1	11	0	0	12	0	0	0	0	0	0	8	0	0	8	3	0	2	0	5	25
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	3	0	0	0	3	5
05:15 PM	1	1	0	0	2	0	0	0	0	0	0	1	0	0	1	1	0	1	0	2	5
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	4	0	1	0	5	8
05:45 PM	1	1	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
Total	2	4	0	0	6	0	0	0	0	0	0	5	1	0	6	8	0	2	0	10	22
Grand Total	3	15	0	0	18	0	0	0	0	0	0	13	1	0	14	11	0	4	0	15	47
Apprch %	16.7	83.3	0	0		0	0	0	0	0	0	92.9	7.1	0		73.3	0	26.7	0		
Total %	6.4	31.9	0	0	38.3	0	0	0	0	0	0	27.7	2.1	0	29.8	23.4	0	8.5	0	31.9	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_US\_35\_EB\_Ramps\_(Additional\_Hour)\_804250\_10-22-2020

Site Code :

Start Date : 10/22/2020

Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound				US 35 EB On Ramp Westbound		Bridge St (SR 159) Northbound				US 35 EB Off Ramp Eastbound				Int. Total	
	Left	Thru	North Crosswalk	App. Total	East Crosswalk	App. Total	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk		App. Total
10:00 AM	37	161	0	198	0	0	182	12	0	194	89	0	54	0	143	535
10:15 AM	38	188	0	226	0	0	185	15	0	200	129	0	60	0	189	615
10:30 AM	47	177	0	224	0	0	199	12	0	211	124	0	39	0	163	598
10:45 AM	45	191	0	236	0	0	203	8	0	211	124	0	48	0	172	619
Total	167	717	0	884	0	0	769	47	0	816	466	0	201	0	667	2367
Grand Total	167	717	0	884	0	0	769	47	0	816	466	0	201	0	667	2367
Apprch %	18.9	81.1	0		0	0	94.2	5.8	0		69.9	0	30.1	0		
Total %	7.1	30.3	0	37.3	0	0	32.5	2	0	34.5	19.7	0	8.5	0	28.2	
Cars	158	693	0	851	0	0	740	44	0	784	445	0	194	0	639	2274
% Cars	94.6	96.7	0	96.3	0	0	96.2	93.6	0	96.1	95.5	0	96.5	0	95.8	96.1
Trucks	9	24	0	33	0	0	29	3	0	32	21	0	7	0	28	93
% Trucks	5.4	3.3	0	3.7	0	0	3.8	6.4	0	3.9	4.5	0	3.5	0	4.2	3.9
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
 Newark, OH 43055  
 (740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_US\_35\_EB\_Ramps\_(Additional\_Hour)\_804250\_10-22-2020

Site Code :

Start Date : 10/22/2020

Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound				US 35 EB On Ramp Westbound		Bridge St (SR 159) Northbound				US 35 EB Off Ramp Eastbound				Int. Total	
	Left	Thru	North Crosswalk	App. Total	East Crosswalk	App. Total	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk		App. Total
10:00 AM	3	9	0	12	0	0	9	0	0	9	5	0	2	0	7	28
10:15 AM	0	8	0	8	0	0	3	1	0	4	7	0	2	0	9	21
10:30 AM	3	1	0	4	0	0	6	1	0	7	2	0	1	0	3	14
10:45 AM	3	6	0	9	0	0	11	1	0	12	7	0	2	0	9	30
Total	9	24	0	33	0	0	29	3	0	32	21	0	7	0	28	93
Grand Total	9	24	0	33	0	0	29	3	0	32	21	0	7	0	28	93
Apprch %	27.3	72.7	0		0	0	90.6	9.4	0		75	0	25	0		
Total %	9.7	25.8	0	35.5	0	0	31.2	3.2	0	34.4	22.6	0	7.5	0	30.1	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Plaza Blvd-US 35 WB Off Ramp Thur 10-15-2020  
Site Code : 794883  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	114	0	0	114	7	2	22	0	31	4	120	0	0	124	5	0	17	0	22	291
07:15 AM	0	131	1	0	132	9	2	28	1	40	10	154	0	0	164	5	0	12	0	17	353
07:30 AM	0	168	5	0	173	11	7	44	0	62	6	205	0	0	211	6	0	8	0	14	460
07:45 AM	0	172	5	0	177	12	8	62	1	83	16	231	0	0	247	8	0	15	0	23	530
Total	0	585	11	0	596	39	19	156	2	216	36	710	0	0	746	24	0	52	0	76	1634
12:00 PM	0	428	14	1	443	15	5	68	0	88	23	328	0	0	351	21	0	23	0	44	926
12:15 PM	0	388	20	0	408	20	3	60	0	83	18	356	0	0	374	16	0	25	0	41	906
12:30 PM	0	414	9	0	423	24	4	64	0	92	22	354	0	0	376	16	0	39	0	55	946
12:45 PM	0	416	12	0	428	14	5	60	0	79	14	312	0	0	326	12	0	25	0	37	870
Total	0	1646	55	1	1702	73	17	252	0	342	77	1350	0	0	1427	65	0	112	0	177	3648
04:00 PM	0	499	7	0	506	15	7	62	0	84	15	359	0	0	374	12	0	35	1	48	1012
04:15 PM	0	499	3	0	502	16	3	59	0	78	17	341	0	0	358	18	0	29	0	47	985
04:30 PM	0	501	8	0	509	12	4	73	0	89	16	320	0	0	336	14	0	34	0	48	982
04:45 PM	0	482	9	0	491	15	2	72	0	89	30	323	0	0	353	16	0	43	2	61	994
Total	0	1981	27	0	2008	58	16	266	0	340	78	1343	0	0	1421	60	0	141	3	204	3973
09:00 PM	0	146	4	0	150	5	5	11	0	21	15	90	0	0	105	8	0	9	0	17	293
09:15 PM	0	140	2	0	142	2	1	11	0	14	11	74	0	0	85	6	0	22	0	28	269
09:30 PM	0	132	2	0	134	8	0	6	0	14	5	59	0	0	64	2	0	20	0	22	234
09:45 PM	0	104	3	0	107	0	1	10	0	11	3	61	0	0	64	6	0	15	0	21	203
Total	0	522	11	0	533	15	7	38	0	60	34	284	0	0	318	22	0	66	0	88	999
Grand Total	0	4734	104	1	4839	185	59	712	2	958	225	3687	0	0	3912	171	0	371	3	545	10254
Apprch %	0	97.8	2.1	0		19.3	6.2	74.3	0.2		5.8	94.2	0	0		31.4	0	68.1	0.6		
Total %	0	46.2	1	0	47.2	1.8	0.6	6.9	0	9.3	2.2	36	0	0	38.2	1.7	0	3.6	0	5.3	
Cars	0	4630	103	0	4733	184	59	690	0	933	223	3605	0	0	3828	171	0	367	0	538	10032
% Cars	0	97.8	99	0	97.8	99.5	100	96.9	0	97.4	99.1	97.8	0	0	97.9	100	0	98.9	0	98.7	97.8
Trucks	0	104	1	0	105	1	0	22	0	23	2	82	0	0	84	0	0	4	0	4	216
% Trucks	0	2.2	1	0	2.2	0.5	0	3.1	0	2.4	0.9	2.2	0	0	2.1	0	0	1.1	0	0.7	2.1
Pedestrians	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	3	3	6
% Pedestrians	0	0	0	100	0	0	0	0	100	0.2	0	0	0	0	0	0	0	0	100	0.6	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Plaza Blvd-US 35 WB Off Ramp Thur 10-15-2020  
Site Code : 794883  
Start Date : 10/15/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	114	0	0	114	7	2	22	0	31	4	120	0	0	124	5	0	17	0	22	291
07:15 AM	0	131	1	0	132	9	2	28	1	40	10	154	0	0	164	5	0	12	0	17	353
07:30 AM	0	168	5	0	173	11	7	44	0	62	6	205	0	0	211	6	0	8	0	14	460
07:45 AM	0	172	5	0	177	12	8	62	1	83	16	231	0	0	247	8	0	15	0	23	530
Total Volume	0	585	11	0	596	39	19	156	2	216	36	710	0	0	746	24	0	52	0	76	1634
% App. Total	0	98.2	1.8	0		18.1	8.8	72.2	0.9		4.8	95.2	0	0		31.6	0	68.4	0		
PHF	.000	.850	.550	.000	.842	.813	.594	.629	.500	.651	.563	.768	.000	.000	.755	.750	.000	.765	.000	.826	.771
Cars	0	553	11	0	564	39	19	153	0	211	36	683	0	0	719	24	0	48	0	72	1566
% Cars	0	94.5	100	0	94.6	100	100	98.1	0	97.7	100	96.2	0	0	96.4	100	0	92.3	0	94.7	95.8
Trucks	0	32	0	0	32	0	0	3	0	3	0	27	0	0	27	0	0	4	0	4	66
% Trucks	0	5.5	0	0	5.4	0	0	1.9	0	1.4	0	3.8	0	0	3.6	0	0	7.7	0	5.3	4.0
Pedestrians	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
% Pedestrians	0	0	0	0	0	0	0	0	100	0.9	0	0	0	0	0	0	0	0	0	0	0.1
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	0	428	14	1	443	15	5	68	0	88	23	328	0	0	351	21	0	23	0	44	926
12:15 PM	0	388	20	0	408	20	3	60	0	83	18	356	0	0	374	16	0	25	0	41	906
12:30 PM	0	414	9	0	423	24	4	64	0	92	22	354	0	0	376	16	0	39	0	55	946
12:45 PM	0	416	12	0	428	14	5	60	0	79	14	312	0	0	326	12	0	25	0	37	870
Total Volume	0	1646	55	1	1702	73	17	252	0	342	77	1350	0	0	1427	65	0	112	0	177	3648
% App. Total	0	96.7	3.2	0.1		21.3	5	73.7	0		5.4	94.6	0	0		36.7	0	63.3	0		
PHF	.000	.961	.688	.250	.960	.760	.850	.926	.000	.929	.837	.948	.000	.000	.949	.774	.000	.718	.000	.805	.964
Cars	0	1604	54	0	1658	72	17	242	0	331	75	1318	0	0	1393	65	0	112	0	177	3559
% Cars	0	97.4	98.2	0	97.4	98.6	100	96.0	0	96.8	97.4	97.6	0	0	97.6	100	0	100	0	100	97.6
Trucks	0	42	1	0	43	1	0	10	0	11	2	32	0	0	34	0	0	0	0	0	88
% Trucks	0	2.6	1.8	0	2.5	1.4	0	4.0	0	3.2	2.6	2.4	0	0	2.4	0	0	0	0	0	2.4
Pedestrians	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
% Pedestrians	0	0	0	100	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Plaza Blvd-US 35 WB Off Ramp Thur 10-15-2020  
Site Code : 794883  
Start Date : 10/15/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	0	499	7	0	506	15	7	62	0	84	15	359	0	0	374	12	0	35	1	48	1012
04:15 PM	0	499	3	0	502	16	3	59	0	78	17	341	0	0	358	18	0	29	0	47	985
04:30 PM	0	501	8	0	509	12	4	73	0	89	16	320	0	0	336	14	0	34	0	48	982
04:45 PM	0	482	9	0	491	15	2	72	0	89	30	323	0	0	353	16	0	43	2	61	994
Total Volume	0	1981	27	0	2008	58	16	266	0	340	78	1343	0	0	1421	60	0	141	3	204	3973
% App. Total	0	98.7	1.3	0		17.1	4.7	78.2	0		5.5	94.5	0	0		29.4	0	69.1	1.5		
PHF	.000	.989	.750	.000	.986	.906	.571	.911	.000	.955	.650	.935	.000	.000	.950	.833	.000	.820	.375	.836	.981
Cars	0	1955	27	0	1982	58	16	257	0	331	78	1324	0	0	1402	60	0	141	0	201	3916
% Cars	0	98.7	100	0	98.7	100	100	96.6	0	97.4	100	98.6	0	0	98.7	100	0	100	0	98.5	98.6
Trucks	0	26	0	0	26	0	0	9	0	9	0	19	0	0	19	0	0	0	0	0	54
% Trucks	0	1.3	0	0	1.3	0	0	3.4	0	2.6	0	1.4	0	0	1.3	0	0	0	0	0	1.4
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.5	0.1
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	0	146	4	0	150	5	5	11	0	21	15	90	0	0	105	8	0	9	0	17	293
09:15 PM	0	140	2	0	142	2	1	11	0	14	11	74	0	0	85	6	0	22	0	28	269
09:30 PM	0	132	2	0	134	8	0	6	0	14	5	59	0	0	64	2	0	20	0	22	234
09:45 PM	0	104	3	0	107	0	1	10	0	11	3	61	0	0	64	6	0	15	0	21	203
Total Volume	0	522	11	0	533	15	7	38	0	60	34	284	0	0	318	22	0	66	0	88	999
% App. Total	0	97.9	2.1	0		25	11.7	63.3	0		10.7	89.3	0	0		25	0	75	0		
PHF	.000	.894	.688	.000	.888	.469	.350	.864	.000	.714	.567	.789	.000	.000	.757	.688	.000	.750	.000	.786	.852
Cars	0	518	11	0	529	15	7	38	0	60	34	280	0	0	314	22	0	66	0	88	991
% Cars	0	99.2	100	0	99.2	100	100	100	0	100	100	98.6	0	0	98.7	100	0	100	0	100	99.2
Trucks	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	8
% Trucks	0	0.8	0	0	0.8	0	0	0	0	0	0	1.4	0	0	1.3	0	0	0	0	0	0.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Plaza Blvd-US 35 WB Off Ramp Thur 10-15-2020  
Site Code : 794883  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	6	0	0	6	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	10
07:15 AM	0	9	0	0	9	0	0	1	0	1	0	8	0	0	8	0	0	1	0	1	19
07:30 AM	0	11	0	0	11	0	0	1	0	1	0	6	0	0	6	0	0	1	0	1	19
07:45 AM	0	6	0	0	6	0	0	1	0	1	0	10	0	0	10	0	0	1	0	1	18
Total	0	32	0	0	32	0	0	3	0	3	0	27	0	0	27	0	0	4	0	4	66
12:00 PM	0	17	0	0	17	1	0	0	0	1	2	8	0	0	10	0	0	0	0	0	28
12:15 PM	0	5	0	0	5	0	0	3	0	3	0	8	0	0	8	0	0	0	0	0	16
12:30 PM	0	11	0	0	11	0	0	3	0	3	0	7	0	0	7	0	0	0	0	0	21
12:45 PM	0	9	1	0	10	0	0	4	0	4	0	9	0	0	9	0	0	0	0	0	23
Total	0	42	1	0	43	1	0	10	0	11	2	32	0	0	34	0	0	0	0	0	88
04:00 PM	0	6	0	0	6	0	0	4	0	4	0	5	0	0	5	0	0	0	0	0	15
04:15 PM	0	12	0	0	12	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	16
04:30 PM	0	3	0	0	3	0	0	2	0	2	0	8	0	0	8	0	0	0	0	0	13
04:45 PM	0	5	0	0	5	0	0	3	0	3	0	2	0	0	2	0	0	0	0	0	10
Total	0	26	0	0	26	0	0	9	0	9	0	19	0	0	19	0	0	0	0	0	54
09:00 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
09:15 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	8
Grand Total	0	104	1	0	105	1	0	22	0	23	2	82	0	0	84	0	0	4	0	4	216
Apprch %	0	99	1	0		4.3	0	95.7	0		2.4	97.6	0	0		0	0	100	0		
Total %	0	48.1	0.5	0	48.6	0.5	0	10.2	0	10.6	0.9	38	0	0	38.9	0	0	1.9	0	1.9	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Plaza Blvd-US 35 WB Off Ramp Sat 10-17-2020  
Site Code : 794883  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	423	6	0	429	21	4	103	0	128	16	398	0	0	414	16	0	31	0	47	1018
01:15 PM	0	428	14	0	442	35	5	100	0	140	18	362	0	0	380	14	0	41	0	55	1017
01:30 PM	0	460	8	4	472	29	7	85	0	121	26	376	0	0	402	7	0	35	0	42	1037
01:45 PM	0	453	10	0	463	25	6	96	0	127	29	387	0	0	416	17	0	41	0	58	1064
Total	0	1764	38	4	1806	110	22	384	0	516	89	1523	0	0	1612	54	0	148	0	202	4136
05:00 PM	0	411	4	0	415	11	4	80	0	95	18	330	0	0	348	12	0	32	1	45	903
05:15 PM	0	408	13	0	421	15	3	77	1	96	11	316	0	0	327	12	0	41	0	53	897
05:30 PM	0	374	12	0	386	12	6	60	0	78	26	287	0	0	313	17	0	39	0	56	833
05:45 PM	0	376	10	0	386	24	3	71	0	98	19	265	0	0	284	17	0	39	0	56	824
Total	0	1569	39	0	1608	62	16	288	1	367	74	1198	0	0	1272	58	0	151	1	210	3457
Grand Total	0	3333	77	4	3414	172	38	672	1	883	163	2721	0	0	2884	112	0	299	1	412	7593
Apprch %	0	97.6	2.3	0.1		19.5	4.3	76.1	0.1		5.7	94.3	0	0		27.2	0	72.6	0.2		
Total %	0	43.9	1	0.1	45	2.3	0.5	8.9	0	11.6	2.1	35.8	0	0	38	1.5	0	3.9	0	5.4	
Cars	0	3314	76	0	3390	170	38	669	0	877	162	2704	0	0	2866	112	0	299	0	411	7544
% Cars	0	99.4	98.7	0	99.3	98.8	100	99.6	0	99.3	99.4	99.4	0	0	99.4	100	0	100	0	99.8	99.4
Trucks	0	19	1	0	20	2	0	3	0	5	1	17	0	0	18	0	0	0	0	0	43
% Trucks	0	0.6	1.3	0	0.6	1.2	0	0.4	0	0.6	0.6	0.6	0	0	0.6	0	0	0	0	0	0.6
Pedestrians	0	0	0	4	4	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	6
% Pedestrians	0	0	0	100	0.1	0	0	0	100	0.1	0	0	0	0	0	0	0	0	100	0.2	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Plaza Blvd-US 35 WB Off Ramp Sat 10-17-2020  
Site Code : 794883  
Start Date : 10/17/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	0	423	6	0	429	21	4	103	0	128	16	398	0	0	414	16	0	31	0	47	1018
01:15 PM	0	428	14	0	442	35	5	100	0	140	18	362	0	0	380	14	0	41	0	55	1017
01:30 PM	0	460	8	4	472	29	7	85	0	121	26	376	0	0	402	7	0	35	0	42	1037
01:45 PM	0	453	10	0	463	25	6	96	0	127	29	387	0	0	416	17	0	41	0	58	1064
Total Volume	0	1764	38	4	1806	110	22	384	0	516	89	1523	0	0	1612	54	0	148	0	202	4136
% App. Total	0	97.7	2.1	0.2		21.3	4.3	74.4	0		5.5	94.5	0	0		26.7	0	73.3	0		
PHF	.000	.959	.679	.250	.957	.786	.786	.932	.000	.921	.767	.957	.000	.000	.969	.794	.000	.902	.000	.871	.972
Cars	0	1752	37	0	1789	109	22	381	0	512	88	1515	0	0	1603	54	0	148	0	202	4106
% Cars	0	99.3	97.4	0	99.1	99.1	100	99.2	0	99.2	98.9	99.5	0	0	99.4	100	0	100	0	100	99.3
Trucks	0	12	1	0	13	1	0	3	0	4	1	8	0	0	9	0	0	0	0	0	26
% Trucks	0	0.7	2.6	0	0.7	0.9	0	0.8	0	0.8	1.1	0.5	0	0	0.6	0	0	0	0	0	0.6
Pedestrians	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
% Pedestrians	0	0	0	100	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	411	4	0	415	11	4	80	0	95	18	330	0	0	348	12	0	32	1	45	903
05:15 PM	0	408	13	0	421	15	3	77	1	96	11	316	0	0	327	12	0	41	0	53	897
05:30 PM	0	374	12	0	386	12	6	60	0	78	26	287	0	0	313	17	0	39	0	56	833
05:45 PM	0	376	10	0	386	24	3	71	0	98	19	265	0	0	284	17	0	39	0	56	824
Total Volume	0	1569	39	0	1608	62	16	288	1	367	74	1198	0	0	1272	58	0	151	1	210	3457
% App. Total	0	97.6	2.4	0		16.9	4.4	78.5	0.3		5.8	94.2	0	0		27.6	0	71.9	0.5		
PHF	.000	.954	.750	.000	.955	.646	.667	.900	.250	.936	.712	.908	.000	.000	.914	.853	.000	.921	.250	.938	.957
Cars	0	1562	39	0	1601	61	16	288	0	365	74	1189	0	0	1263	58	0	151	0	209	3438
% Cars	0	99.6	100	0	99.6	98.4	100	100	0	99.5	100	99.2	0	0	99.3	100	0	100	0	99.5	99.5
Trucks	0	7	0	0	7	1	0	0	0	1	0	9	0	0	9	0	0	0	0	0	17
% Trucks	0	0.4	0	0	0.4	1.6	0	0	0	0.3	0	0.8	0	0	0.7	0	0	0	0	0	0.5
Pedestrians	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2
% Pedestrians	0	0	0	0	0	0	0	0	100	0.3	0	0	0	0	0	0	0	0	100	0.5	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Plaza Blvd-US 35 WB Off Ramp Sat 10-17-2020  
Site Code : 794883  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	1	0	0	1	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	5
01:15 PM	0	4	0	0	4	1	0	1	0	2	0	1	0	1	0	0	0	0	0	0	7
01:30 PM	0	5	1	0	6	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	9
01:45 PM	0	2	0	0	2	0	0	1	0	1	1	1	0	2	0	0	0	0	0	0	5
Total	0	12	1	0	13	1	0	3	0	4	1	8	0	9	0	0	0	0	0	0	26
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	4
05:15 PM	0	2	0	0	2	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	6
05:30 PM	0	4	0	0	4	1	0	0	0	1	0	2	0	2	0	0	0	0	0	0	7
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	7	0	0	7	1	0	0	0	1	0	9	0	9	0	0	0	0	0	0	17
Grand Total	0	19	1	0	20	2	0	3	0	5	1	17	0	18	0	0	0	0	0	0	43
Apprch %	0	95	5	0		40	0	60	0		5.6	94.4	0	0		0	0	0	0		
Total %	0	44.2	2.3	0	46.5	4.7	0	7	0	11.6	2.3	39.5	0	41.9	0	0	0	0	0		



# Smart Services Inc.

88 W. Church Street  
 Newark, OH 43055  
 (740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Plaza\_Blvd-US\_35\_WB\_Off\_Ramp\_(Additional\_Hour)\_804245\_10-15-2020  
 Site Code :  
 Start Date : 10/15/2020  
 Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	277	5	0	282	19	2	58	0	79	19	264	0	0	283	4	0	20	1	25	669
10:15 AM	0	264	4	0	268	22	6	59	0	87	16	286	0	0	302	7	0	20	0	27	684
10:30 AM	0	272	3	0	275	31	6	75	0	112	15	280	0	0	295	10	0	28	0	38	720
10:45 AM	0	320	6	0	326	21	3	66	0	90	15	324	0	0	339	16	0	18	2	36	791
Total	0	1133	18	0	1151	93	17	258	0	368	65	1154	0	0	1219	37	0	86	3	126	2864
Grand Total	0	1133	18	0	1151	93	17	258	0	368	65	1154	0	0	1219	37	0	86	3	126	2864
Apprch %	0	98.4	1.6	0		25.3	4.6	70.1	0		5.3	94.7	0	0		29.4	0	68.3	2.4		
Total %	0	39.6	0.6	0	40.2	3.2	0.6	9	0	12.8	2.3	40.3	0	0	42.6	1.3	0	3	0.1	4.4	
Cars	0	1081	16	0	1097	90	17	242	0	349	65	1130	0	0	1195	35	0	79	0	114	2755
% Cars	0	95.4	88.9	0	95.3	96.8	100	93.8	0	94.8	100	97.9	0	0	98	94.6	0	91.9	0	90.5	96.2
Trucks	0	52	2	0	54	3	0	16	0	19	0	24	0	0	24	2	0	7	0	9	106
% Trucks	0	4.6	11.1	0	4.7	3.2	0	6.2	0	5.2	0	2.1	0	0	2	5.4	0	8.1	0	7.1	3.7
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	2.4	0.1



# Smart Services Inc.

88 W. Church Street  
 Newark, OH 43055  
 (740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Plaza\_Blvd-US\_35\_WB\_Off\_Ramp\_(Additional\_Hour)\_804245\_10-15-2020

Site Code :

Start Date : 10/15/2020

Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					US 35 WB Off Ramp Westbound					Bridge St (SR 159) Northbound					Plaza Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	11	1	0	12	0	0	2	0	2	0	4	0	0	4	0	0	2	0	2	20
10:15 AM	0	12	1	0	13	0	0	5	0	5	0	8	0	0	8	0	0	2	0	2	28
10:30 AM	0	12	0	0	12	1	0	6	0	7	0	5	0	0	5	1	0	3	0	4	28
10:45 AM	0	17	0	0	17	2	0	3	0	5	0	7	0	0	7	1	0	0	0	1	30
Total	0	52	2	0	54	3	0	16	0	19	0	24	0	0	24	2	0	7	0	9	106
Grand Total	0	52	2	0	54	3	0	16	0	19	0	24	0	0	24	2	0	7	0	9	106
Apprch %	0	96.3	3.7	0		15.8	0	84.2	0		0	100	0	0		22.2	0	77.8	0		
Total %	0	49.1	1.9	0	50.9	2.8	0	15.1	0	17.9	0	22.6	0	0	22.6	1.9	0	6.6	0	8.5	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Marietta Road Thur 10-15-2020  
Site Code : 794867  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Marietta Rd Westbound					Bridge St (SR 159) Northbound					Access Road Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	2	109	1	0	112	13	1	6	0	20	1	102	19	0	122	2	0	2	1	5	259
07:15 AM	3	120	3	0	126	16	0	6	0	22	0	156	25	0	181	2	0	0	0	2	331
07:30 AM	7	154	1	0	162	29	1	9	0	39	3	202	38	0	243	0	2	1	0	3	447
07:45 AM	9	162	1	0	172	28	1	5	0	34	3	237	55	0	295	2	2	1	0	5	506
Total	21	545	6	0	572	86	3	26	0	115	7	697	137	0	841	6	4	4	1	15	1543
12:00 PM	14	365	5	0	384	62	2	19	0	83	4	345	60	0	409	15	2	12	0	29	905
12:15 PM	13	349	4	0	366	62	3	26	0	91	4	345	59	0	408	10	1	6	0	17	882
12:30 PM	20	361	6	0	387	67	1	17	0	85	11	336	68	0	415	5	1	10	0	16	903
12:45 PM	14	342	4	0	360	71	0	22	0	93	5	308	57	0	370	2	2	15	0	19	842
Total	61	1417	19	0	1497	262	6	84	0	352	24	1334	244	0	1602	32	6	43	0	81	3532
04:00 PM	7	403	4	0	414	82	3	14	0	99	9	357	55	0	421	11	0	8	0	19	953
04:15 PM	6	397	2	0	405	76	2	10	0	88	9	351	51	0	411	11	3	16	0	30	934
04:30 PM	6	400	3	0	409	67	4	17	0	88	8	338	46	0	392	14	4	12	0	30	919
04:45 PM	11	388	6	0	405	81	1	15	0	97	17	338	45	0	400	5	1	15	0	21	923
Total	30	1588	15	0	1633	306	10	56	0	372	43	1384	197	0	1624	41	8	51	0	100	3729
09:00 PM	2	138	4	0	144	13	0	2	0	15	3	96	6	0	105	1	0	5	0	6	270
09:15 PM	0	117	1	0	118	7	0	5	0	12	3	77	6	0	86	1	1	6	0	8	224
09:30 PM	1	132	2	0	135	17	0	2	0	19	1	51	5	0	57	4	0	2	0	6	217
09:45 PM	4	105	2	0	111	4	1	3	0	8	1	75	5	0	81	5	0	4	0	9	209
Total	7	492	9	0	508	41	1	12	0	54	8	299	22	0	329	11	1	17	0	29	920
Grand Total	119	4042	49	0	4210	695	20	178	0	893	82	3714	600	0	4396	90	19	115	1	225	9724
Apprch %	2.8	96	1.2	0		77.8	2.2	19.9	0		1.9	84.5	13.6	0		40	8.4	51.1	0.4		
Total %	1.2	41.6	0.5	0	43.3	7.1	0.2	1.8	0	9.2	0.8	38.2	6.2	0	45.2	0.9	0.2	1.2	0	2.3	
Cars	113	3970	48	0	4131	654	20	175	0	849	81	3649	568	0	4298	90	19	114	0	223	9501
% Cars	95	98.2	98	0	98.1	94.1	100	98.3	0	95.1	98.8	98.2	94.7	0	97.8	100	100	99.1	0	99.1	97.7
Trucks	6	72	1	0	79	41	0	3	0	44	1	65	32	0	98	0	0	1	0	1	222
% Trucks	5	1.8	2	0	1.9	5.9	0	1.7	0	4.9	1.2	1.8	5.3	0	2.2	0	0	0.9	0	0.4	2.3
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.4	0

# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

Start Time	Bridge St (SR 159) Southbound					Marietta Rd Westbound					Bridge St (SR 159) Northbound					Access Road Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 08:15 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	2	109	1	0	112	13	1	6	0	20	1	102	19	0	122	2	0	2	1	5	259
07:15 AM	3	120	3	0	126	16	0	6	0	22	0	156	25	0	181	2	0	0	0	2	331
07:30 AM	7	154	1	0	162	29	1	9	0	39	3	202	38	0	243	0	2	1	0	3	447
07:45 AM	9	162	1	0	172	28	1	5	0	34	3	237	55	0	295	2	2	1	0	5	506
Total Volume	21	545	6	0	572	86	3	26	0	115	7	697	137	0	841	6	4	4	1	15	1543
% App. Total	3.7	95.3	1	0		74.8	2.6	22.6	0		0.8	82.9	16.3	0		40	26.7	26.7	6.7		
PHF	.583	.841	.500	.000	.831	.741	.750	.722	.000	.737	.583	.735	.623	.000	.713	.750	.500	.500	.250	.750	.762
Cars	20	523	6	0	549	74	3	25	0	102	7	673	133	0	813	6	4	4	0	14	1478
% Cars	95.2	96.0	100	0	96.0	86.0	100	96.2	0	88.7	100	96.6	97.1	0	96.7	100	100	100	0	93.3	95.8
Trucks	1	22	0	0	23	12	0	1	0	13	0	24	4	0	28	0	0	0	0	0	64
% Trucks	4.8	4.0	0	0	4.0	14.0	0	3.8	0	11.3	0	3.4	2.9	0	3.3	0	0	0	0	0	4.1
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	6.7	0.1
Peak Hour Analysis From 10:15 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	14	365	5	0	384	62	2	19	0	83	4	345	60	0	409	15	2	12	0	29	905
12:15 PM	13	349	4	0	366	62	3	26	0	91	4	345	59	0	408	10	1	6	0	17	882
12:30 PM	20	361	6	0	387	67	1	17	0	85	11	336	68	0	415	5	1	10	0	16	903
12:45 PM	14	342	4	0	360	71	0	22	0	93	5	308	57	0	370	2	2	15	0	19	842
Total Volume	61	1417	19	0	1497	262	6	84	0	352	24	1334	244	0	1602	32	6	43	0	81	3532
% App. Total	4.1	94.7	1.3	0		74.4	1.7	23.9	0		1.5	83.3	15.2	0		39.5	7.4	53.1	0		
PHF	.763	.971	.792	.000	.967	.923	.500	.808	.000	.946	.545	.967	.897	.000	.965	.533	.750	.717	.000	.698	.976
Cars	57	1386	18	0	1461	245	6	83	0	334	23	1310	228	0	1561	32	6	42	0	80	3436
% Cars	93.4	97.8	94.7	0	97.6	93.5	100	98.8	0	94.9	95.8	98.2	93.4	0	97.4	100	100	97.7	0	98.8	97.3
Trucks	4	31	1	0	36	17	0	1	0	18	1	24	16	0	41	0	0	1	0	1	96
% Trucks	6.6	2.2	5.3	0	2.4	6.5	0	1.2	0	5.1	4.2	1.8	6.6	0	2.6	0	0	2.3	0	1.2	2.7
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Marietta Road Thur 10-15-2020  
Site Code : 794867  
Start Date : 10/15/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					Marietta Rd Westbound					Bridge St (SR 159) Northbound					Access Road Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:30 PM to 07:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	7	403	4	0	414	82	3	14	0	99	9	357	55	0	421	11	0	8	0	19	953
04:15 PM	6	397	2	0	405	76	2	10	0	88	9	351	51	0	411	11	3	16	0	30	934
04:30 PM	6	400	3	0	409	67	4	17	0	88	8	338	46	0	392	14	4	12	0	30	919
04:45 PM	11	388	6	0	405	81	1	15	0	97	17	338	45	0	400	5	1	15	0	21	923
Total Volume	30	1588	15	0	1633	306	10	56	0	372	43	1384	197	0	1624	41	8	51	0	100	3729
% App. Total	1.8	97.2	0.9	0		82.3	2.7	15.1	0		2.6	85.2	12.1	0		41	8	51	0		
PHF	.682	.985	.625	.000	.986	.933	.625	.824	.000	.939	.632	.969	.895	.000	.964	.732	.500	.797	.000	.833	.978
Cars	29	1573	15	0	1617	294	10	55	0	359	43	1370	186	0	1599	41	8	51	0	100	3675
% Cars	96.7	99.1	100	0	99.0	96.1	100	98.2	0	96.5	100	99.0	94.4	0	98.5	100	100	100	0	100	98.6
Trucks	1	15	0	0	16	12	0	1	0	13	0	14	11	0	25	0	0	0	0	0	54
% Trucks	3.3	0.9	0	0	1.0	3.9	0	1.8	0	3.5	0	1.0	5.6	0	1.5	0	0	0	0	0	1.4
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 07:00 PM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	2	138	4	0	144	13	0	2	0	15	3	96	6	0	105	1	0	5	0	6	270
09:15 PM	0	117	1	0	118	7	0	5	0	12	3	77	6	0	86	1	1	6	0	8	224
09:30 PM	1	132	2	0	135	17	0	2	0	19	1	51	5	0	57	4	0	2	0	6	217
09:45 PM	4	105	2	0	111	4	1	3	0	8	1	75	5	0	81	5	0	4	0	9	209
Total Volume	7	492	9	0	508	41	1	12	0	54	8	299	22	0	329	11	1	17	0	29	920
% App. Total	1.4	96.9	1.8	0		75.9	1.9	22.2	0		2.4	90.9	6.7	0		37.9	3.4	58.6	0		
PHF	.438	.891	.563	.000	.882	.603	.250	.600	.000	.711	.667	.779	.917	.000	.783	.550	.250	.708	.000	.806	.852
Cars	7	488	9	0	504	41	1	12	0	54	8	296	21	0	325	11	1	17	0	29	912
% Cars	100	99.2	100	0	99.2	100	100	100	0	100	100	99.0	95.5	0	98.8	100	100	100	0	100	99.1
Trucks	0	4	0	0	4	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	8
% Trucks	0	0.8	0	0	0.8	0	0	0	0	0	0	1.0	4.5	0	1.2	0	0	0	0	0	0.9
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Marietta Road Thur 10-15-2020  
Site Code : 794867  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Marietta Rd Westbound					Bridge St (SR 159) Northbound					Access Road Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	4	0	0	4	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	8
07:15 AM	1	8	0	0	9	2	0	0	0	2	0	8	1	0	9	0	0	0	0	0	20
07:30 AM	0	7	0	0	7	5	0	0	0	5	0	7	0	0	7	0	0	0	0	0	19
07:45 AM	0	3	0	0	3	4	0	1	0	5	0	6	3	0	9	0	0	0	0	0	17
Total	1	22	0	0	23	12	0	1	0	13	0	24	4	0	28	0	0	0	0	0	64
12:00 PM	0	12	0	0	12	6	0	0	0	6	0	7	2	0	9	0	0	0	0	0	27
12:15 PM	1	3	0	0	4	1	0	0	0	1	0	7	3	0	10	0	0	0	0	0	15
12:30 PM	2	7	0	0	9	5	0	1	0	6	0	5	4	0	9	0	0	0	0	0	24
12:45 PM	1	9	1	0	11	5	0	0	0	5	1	5	7	0	13	0	0	1	0	1	30
Total	4	31	1	0	36	17	0	1	0	18	1	24	16	0	41	0	0	1	0	1	96
04:00 PM	1	6	0	0	7	1	0	0	0	1	0	2	5	0	7	0	0	0	0	0	15
04:15 PM	0	4	0	0	4	7	0	0	0	7	0	4	0	0	4	0	0	0	0	0	15
04:30 PM	0	3	0	0	3	1	0	0	0	1	0	5	4	0	9	0	0	0	0	0	13
04:45 PM	0	2	0	0	2	3	0	1	0	4	0	3	2	0	5	0	0	0	0	0	11
Total	1	15	0	0	16	12	0	1	0	13	0	14	11	0	25	0	0	0	0	0	54
09:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	2
09:15 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
09:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	4	0	0	4	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	8
Grand Total	6	72	1	0	79	41	0	3	0	44	1	65	32	0	98	0	0	1	0	1	222
Apprch %	7.6	91.1	1.3	0		93.2	0	6.8	0		1	66.3	32.7	0		0	0	100	0		
Total %	2.7	32.4	0.5	0	35.6	18.5	0	1.4	0	19.8	0.5	29.3	14.4	0	44.1	0	0	0.5	0	0.5	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Marietta Road Sat 10-17-2020  
Site Code : 794867  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Marietta Rd Westbound					Bridge St (SR 159) Northbound					Access Road Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	6	370	5	0	381	58	2	13	0	73	10	454	37	0	501	7	3	13	0	23	978
01:15 PM	23	378	3	0	404	67	3	13	0	83	7	402	55	0	464	13	3	16	0	32	983
01:30 PM	12	394	2	0	408	63	0	20	0	83	12	413	47	0	472	8	1	9	0	18	981
01:45 PM	6	403	8	0	417	69	0	24	0	93	10	419	60	0	489	9	1	16	0	26	1025
Total	47	1545	18	0	1610	257	5	70	0	332	39	1688	199	0	1926	37	8	54	0	99	3967
05:00 PM	11	352	3	1	367	58	0	11	0	69	5	362	43	0	410	10	4	3	0	17	863
05:15 PM	5	341	1	0	347	58	1	11	1	71	4	335	51	0	390	8	1	4	0	13	821
05:30 PM	6	306	1	0	313	51	1	13	0	65	6	295	43	0	344	6	0	7	0	13	735
05:45 PM	7	322	5	0	334	51	0	11	0	62	6	306	32	0	344	7	3	10	0	20	760
Total	29	1321	10	1	1361	218	2	46	1	267	21	1298	169	0	1488	31	8	24	0	63	3179
Grand Total	76	2866	28	1	2971	475	7	116	1	599	60	2986	368	0	3414	68	16	78	0	162	7146
Apprch %	2.6	96.5	0.9	0		79.3	1.2	19.4	0.2		1.8	87.5	10.8	0		42	9.9	48.1	0		
Total %	1.1	40.1	0.4	0	41.6	6.6	0.1	1.6	0	8.4	0.8	41.8	5.1	0	47.8	1	0.2	1.1	0	2.3	
Cars	75	2848	28	0	2951	470	7	113	0	590	60	2976	359	0	3395	68	16	78	0	162	7098
% Cars	98.7	99.4	100	0	99.3	98.9	100	97.4	0	98.5	100	99.7	97.6	0	99.4	100	100	100	0	100	99.3
Trucks	1	18	0	0	19	5	0	3	0	8	0	10	9	0	19	0	0	0	0	0	46
% Trucks	1.3	0.6	0	0	0.6	1.1	0	2.6	0	1.3	0	0.3	2.4	0	0.6	0	0	0	0	0	0.6
Pedestrians	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
% Pedestrians	0	0	0	100	0	0	0	0	100	0.2	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Marietta Road Sat 10-17-2020  
Site Code : 794867  
Start Date : 10/15/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Marietta Rd Westbound					Bridge St (SR 159) Northbound					Access Road Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 10:15 PM to 03:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	6	370	5	0	381	58	2	13	0	73	10	454	37	0	501	7	3	13	0	23	978
01:15 PM	23	378	3	0	404	67	3	13	0	83	7	402	55	0	464	13	3	16	0	32	983
01:30 PM	12	394	2	0	408	63	0	20	0	83	12	413	47	0	472	8	1	9	0	18	981
01:45 PM	6	403	8	0	417	69	0	24	0	93	10	419	60	0	489	9	1	16	0	26	1025
Total Volume	47	1545	18	0	1610	257	5	70	0	332	39	1688	199	0	1926	37	8	54	0	99	3967
% App. Total	2.9	96	1.1	0		77.4	1.5	21.1	0		2	87.6	10.3	0		37.4	8.1	54.5	0		
PHF	.511	.958	.563	.000	.965	.931	.417	.729	.000	.892	.813	.930	.829	.000	.961	.712	.667	.844	.000	.773	.968
Cars	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Cars	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	11	352	3	1	367	58	0	11	0	69	5	362	43	0	410	10	4	3	0	17	863
05:15 PM	5	341	1	0	347	58	1	11	1	71	4	335	51	0	390	8	1	4	0	13	821
05:30 PM	6	306	1	0	313	51	1	13	0	65	6	295	43	0	344	6	0	7	0	13	735
05:45 PM	7	322	5	0	334	51	0	11	0	62	6	306	32	0	344	7	3	10	0	20	760
Total Volume	29	1321	10	1	1361	218	2	46	1	267	21	1298	169	0	1488	31	8	24	0	63	3179
% App. Total	2.1	97.1	0.7	0.1		81.6	0.7	17.2	0.4		1.4	87.2	11.4	0		49.2	12.7	38.1	0		
PHF	.659	.938	.500	.250	.927	.940	.500	.885	.250	.940	.875	.896	.828	.000	.907	.775	.500	.600	.000	.788	.921
Cars	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Cars	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Marietta Road Sat 10-17-2020  
Site Code : 794867  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Marietta Rd Westbound					Bridge St (SR 159) Northbound					Access Road Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	2	0	4	0	0	0	0	0	5
01:15 PM	1	2	0	0	3	2	0	0	0	2	0	2	1	0	3	0	0	0	0	0	8
01:30 PM	0	6	0	0	6	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	8
01:45 PM	0	2	0	0	2	1	0	1	0	2	0	2	1	0	3	0	0	0	0	0	7
Total	1	11	0	0	12	3	0	1	0	4	0	7	5	0	12	0	0	0	0	0	28
05:00 PM	0	2	0	0	2	1	0	0	0	1	0	1	2	0	3	0	0	0	0	0	6
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	4
05:30 PM	0	3	0	0	3	1	0	1	0	2	0	0	1	0	1	0	0	0	0	0	6
05:45 PM	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	0	7	0	0	7	2	0	2	0	4	0	3	4	0	7	0	0	0	0	0	18
Grand Total	1	18	0	0	19	5	0	3	0	8	0	10	9	0	19	0	0	0	0	0	46
Apprch %	5.3	94.7	0	0		62.5	0	37.5	0		0	52.6	47.4	0		0	0	0	0		
Total %	2.2	39.1	0	0	41.3	10.9	0	6.5	0	17.4	0	21.7	19.6	0	41.3	0	0	0	0	0	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Marietta\_Road\_(Additional\_Hour)\_804238\_10-15-2020  
Site Code :  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Marietta Road Westbound					Bridge St (SR 159) Northbound					Walgreens Access Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	2	235	1	0	238	49	3	25	1	78	9	258	55	0	322	4	0	5	0	9	647
10:15 AM	4	248	1	1	254	47	1	8	0	56	3	279	66	0	348	8	0	4	0	12	670
10:30 AM	6	252	3	0	261	38	1	19	0	58	5	279	60	0	344	10	1	6	0	17	680
10:45 AM	13	290	1	0	304	62	0	16	0	78	5	331	61	0	397	5	0	4	2	11	790
Total	25	1025	6	1	1057	196	5	68	1	270	22	1147	242	0	1411	27	1	19	2	49	2787
Grand Total	25	1025	6	1	1057	196	5	68	1	270	22	1147	242	0	1411	27	1	19	2	49	2787
Apprch %	2.4	97	0.6	0.1		72.6	1.9	25.2	0.4		1.6	81.3	17.2	0		55.1	2	38.8	4.1		
Total %	0.9	36.8	0.2	0	37.9	7	0.2	2.4	0	9.7	0.8	41.2	8.7	0	50.6	1	0	0.7	0.1	1.8	
Cars	23	984	6	0	1013	177	5	67	0	249	21	1126	220	0	1367	27	1	19	0	47	2676
% Cars	92	96	100	0	95.8	90.3	100	98.5	0	92.2	95.5	98.2	90.9	0	96.9	100	100	100	0	95.9	96
Trucks	2	41	0	0	43	19	0	1	0	20	1	21	22	0	44	0	0	0	0	0	107
% Trucks	8	4	0	0	4.1	9.7	0	1.5	0	7.4	4.5	1.8	9.1	0	3.1	0	0	0	0	0	3.8
Pedestrians	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2	4
% Pedestrians	0	0	0	100	0.1	0	0	0	100	0.4	0	0	0	0	0	0	0	0	100	4.1	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Marietta\_Road\_(Additional\_Hour)\_804238\_10-15-2020

Site Code :

Start Date : 10/15/2020

Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Marietta Road Westbound					Bridge St (SR 159) Northbound					Walgreens Access Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	10	0	0	10	3	0	0	0	3	0	2	4	0	6	0	0	0	0	0	19
10:15 AM	0	11	0	0	11	7	0	0	0	7	0	8	5	0	13	0	0	0	0	0	31
10:30 AM	0	9	0	0	9	3	0	0	0	3	0	6	8	0	14	0	0	0	0	0	26
10:45 AM	2	11	0	0	13	6	0	1	0	7	1	5	5	0	11	0	0	0	0	0	31
Total	2	41	0	0	43	19	0	1	0	20	1	21	22	0	44	0	0	0	0	0	107
Grand Total	2	41	0	0	43	19	0	1	0	20	1	21	22	0	44	0	0	0	0	0	107
Apprch %	4.7	95.3	0	0		95	0	5	0		2.3	47.7	50	0		0	0	0	0		
Total %	1.9	38.3	0	0	40.2	17.8	0	0.9	0	18.7	0.9	19.6	20.6	0	41.1	0	0	0	0		



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Winona Drive Thur 10-15-2020  
Site Code : 794992  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Lowes Access Westbound					Bridge St (SR 159) Northbound					Winona Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	4	103	6	0	113	5	2	2	0	9	5	114	8	0	127	6	2	8	0	16	265
07:15 AM	4	108	4	0	116	5	0	5	0	10	4	154	10	0	168	1	0	3	1	5	299
07:30 AM	11	134	3	0	148	9	1	4	0	14	7	187	20	0	214	6	2	13	0	21	397
07:45 AM	7	149	3	0	159	10	0	8	0	18	3	218	13	0	234	6	0	11	0	17	428
Total	26	494	16	0	536	29	3	19	0	51	19	673	51	0	743	19	4	35	1	59	1389
12:00 PM	29	320	15	0	364	34	7	20	0	61	26	312	34	0	372	9	2	16	0	27	824
12:15 PM	33	320	9	0	362	43	3	18	0	64	11	332	34	0	377	12	1	16	0	29	832
12:30 PM	28	335	12	0	375	43	2	19	0	64	11	305	42	0	358	10	2	13	0	25	822
12:45 PM	33	304	12	0	349	38	1	25	0	64	15	285	39	0	339	14	3	11	0	28	780
Total	123	1279	48	0	1450	158	13	82	0	253	63	1234	149	0	1446	45	8	56	0	109	3258
04:00 PM	28	385	8	0	421	40	4	20	0	64	12	310	47	0	369	1	1	15	0	17	871
04:15 PM	28	349	6	0	383	51	2	17	0	70	8	309	49	0	366	10	2	5	0	17	836
04:30 PM	30	384	8	0	422	37	6	15	0	58	12	312	40	0	364	3	5	14	1	23	867
04:45 PM	24	364	16	0	404	47	0	16	0	63	14	308	30	0	352	9	1	16	0	26	845
Total	110	1482	38	0	1630	175	12	68	0	255	46	1239	166	0	1451	23	9	50	1	83	3419
09:00 PM	7	132	0	0	139	22	0	7	0	29	4	86	10	0	100	0	1	3	0	4	272
09:15 PM	3	106	2	0	111	11	0	5	0	16	6	65	12	0	83	2	0	2	0	4	214
09:30 PM	1	102	5	0	108	21	1	3	0	25	4	47	7	0	58	5	0	6	0	11	202
09:45 PM	7	94	1	0	102	14	1	0	0	15	4	63	11	0	78	1	1	4	0	6	201
Total	18	434	8	0	460	68	2	15	0	85	18	261	40	0	319	8	2	15	0	25	889
Grand Total	277	3689	110	0	4076	430	30	184	0	644	146	3407	406	0	3959	95	23	156	2	276	8955
Apprch %	6.8	90.5	2.7	0		66.8	4.7	28.6	0		3.7	86.1	10.3	0		34.4	8.3	56.5	0.7		
Total %	3.1	41.2	1.2	0	45.5	4.8	0.3	2.1	0	7.2	1.6	38	4.5	0	44.2	1.1	0.3	1.7	0	3.1	
Cars	274	3612	109	0	3995	430	30	181	0	641	144	3339	403	0	3886	95	23	153	0	271	8793
% Cars	98.9	97.9	99.1	0	98	100	100	98.4	0	99.5	98.6	98	99.3	0	98.2	100	100	98.1	0	98.2	98.2
Trucks	3	77	1	0	81	0	0	3	0	3	2	68	3	0	73	0	0	3	0	3	160
% Trucks	1.1	2.1	0.9	0	2	0	0	1.6	0	0.5	1.4	2	0.7	0	1.8	0	0	1.9	0	1.1	1.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.7	0





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Winona Drive Thur 10-15-2020  
Site Code : 794992  
Start Date : 10/15/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Lowes Access Westbound					Bridge St (SR 159) Northbound					Winona Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	4	103	6	0	113	5	2	2	0	9	5	114	8	0	127	6	2	8	0	16	265
07:15 AM	4	108	4	0	116	5	0	5	0	10	4	154	10	0	168	1	0	3	1	5	299
07:30 AM	11	134	3	0	148	9	1	4	0	14	7	187	20	0	214	6	2	13	0	21	397
07:45 AM	7	149	3	0	159	10	0	8	0	18	3	218	13	0	234	6	0	11	0	17	428
Total Volume	26	494	16	0	536	29	3	19	0	51	19	673	51	0	743	19	4	35	1	59	1389
% App. Total	4.9	92.2	3	0		56.9	5.9	37.3	0		2.6	90.6	6.9	0		32.2	6.8	59.3	1.7		
PHF	.591	.829	.667	.000	.843	.725	.375	.594	.000	.708	.679	.772	.638	.000	.794	.792	.500	.673	.250	.702	.811
Cars	25	472	16	0	513	29	3	19	0	51	19	648	50	0	717	19	4	34	0	57	1338
% Cars	96.2	95.5	100	0	95.7	100	100	100	0	100	100	96.3	98.0	0	96.5	100	100	97.1	0	96.6	96.3
Trucks	1	22	0	0	23	0	0	0	0	0	0	25	1	0	26	0	0	1	0	1	50
% Trucks	3.8	4.5	0	0	4.3	0	0	0	0	0	0	3.7	2.0	0	3.5	0	0	2.9	0	1.7	3.6
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.7	0.1
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	29	320	15	0	364	34	7	20	0	61	26	312	34	0	372	9	2	16	0	27	824
12:15 PM	33	320	9	0	362	43	3	18	0	64	11	332	34	0	377	12	1	16	0	29	832
12:30 PM	28	335	12	0	375	43	2	19	0	64	11	305	42	0	358	10	2	13	0	25	822
12:45 PM	33	304	12	0	349	38	1	25	0	64	15	285	39	0	339	14	3	11	0	28	780
Total Volume	123	1279	48	0	1450	158	13	82	0	253	63	1234	149	0	1446	45	8	56	0	109	3258
% App. Total	8.5	88.2	3.3	0		62.5	5.1	32.4	0		4.4	85.3	10.3	0		41.3	7.3	51.4	0		
PHF	.932	.954	.800	.000	.967	.919	.464	.820	.000	.988	.606	.929	.887	.000	.959	.804	.667	.875	.000	.940	.979
Cars	121	1246	47	0	1414	158	13	81	0	252	63	1209	149	0	1421	45	8	54	0	107	3194
% Cars	98.4	97.4	97.9	0	97.5	100	100	98.8	0	99.6	100	98.0	100	0	98.3	100	100	96.4	0	98.2	98.0
Trucks	2	33	1	0	36	0	0	1	0	1	0	25	0	0	25	0	0	2	0	2	64
% Trucks	1.6	2.6	2.1	0	2.5	0	0	1.2	0	0.4	0	2.0	0	0	1.7	0	0	3.6	0	1.8	2.0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Winona Drive Thur 10-15-2020  
Site Code : 794992  
Start Date : 10/15/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					Lowes Access Westbound					Bridge St (SR 159) Northbound					Winona Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	28	385	8	0	421	40	4	20	0	64	12	310	47	0	369	1	1	15	0	17	871
04:15 PM	28	349	6	0	383	51	2	17	0	70	8	309	49	0	366	10	2	5	0	17	836
04:30 PM	30	384	8	0	422	37	6	15	0	58	12	312	40	0	364	3	5	14	1	23	867
04:45 PM	24	364	16	0	404	47	0	16	0	63	14	308	30	0	352	9	1	16	0	26	845
Total Volume	110	1482	38	0	1630	175	12	68	0	255	46	1239	166	0	1451	23	9	50	1	83	3419
% App. Total	6.7	90.9	2.3	0		68.6	4.7	26.7	0		3.2	85.4	11.4	0		27.7	10.8	60.2	1.2		
PHF	.917	.962	.594	.000	.966	.858	.500	.850	.000	.911	.821	.993	.847	.000	.983	.575	.450	.781	.250	.798	.981
Cars	110	1465	38	0	1613	175	12	68	0	255	44	1224	164	0	1432	23	9	50	0	82	3382
% Cars	100	98.9	100	0	99.0	100	100	100	0	100	95.7	98.8	98.8	0	98.7	100	100	100	0	98.8	98.9
Trucks	0	17	0	0	17	0	0	0	0	0	2	15	2	0	19	0	0	0	0	0	36
% Trucks	0	1.1	0	0	1.0	0	0	0	0	0	4.3	1.2	1.2	0	1.3	0	0	0	0	0	1.1
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.2	0.0
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	7	132	0	0	139	22	0	7	0	29	4	86	10	0	100	0	1	3	0	4	272
09:15 PM	3	106	2	0	111	11	0	5	0	16	6	65	12	0	83	2	0	2	0	4	214
09:30 PM	1	102	5	0	108	21	1	3	0	25	4	47	7	0	58	5	0	6	0	11	202
09:45 PM	7	94	1	0	102	14	1	0	0	15	4	63	11	0	78	1	1	4	0	6	201
Total Volume	18	434	8	0	460	68	2	15	0	85	18	261	40	0	319	8	2	15	0	25	889
% App. Total	3.9	94.3	1.7	0		80	2.4	17.6	0		5.6	81.8	12.5	0		32	8	60	0		
PHF	.643	.822	.400	.000	.827	.773	.500	.536	.000	.733	.750	.759	.833	.000	.798	.400	.500	.625	.000	.568	.817
Cars	18	429	8	0	455	68	2	13	0	83	18	258	40	0	316	8	2	15	0	25	879
% Cars	100	98.8	100	0	98.9	100	100	86.7	0	97.6	100	98.9	100	0	99.1	100	100	100	0	100	98.9
Trucks	0	5	0	0	5	0	0	2	0	2	0	3	0	0	3	0	0	0	0	0	10
% Trucks	0	1.2	0	0	1.1	0	0	13.3	0	2.4	0	1.1	0	0	0.9	0	0	0	0	0	1.1
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Winona Drive Thur 10-15-2020  
Site Code : 794992  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Lowes Access Westbound					Bridge St (SR 159) Northbound					Winona Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	7	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	10
07:15 AM	0	7	0	0	7	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	15
07:30 AM	0	6	0	0	6	0	0	0	0	0	0	7	1	0	8	0	0	0	0	0	14
07:45 AM	1	2	0	0	3	0	0	0	0	0	0	7	0	0	7	0	0	1	0	1	11
Total	1	22	0	0	23	0	0	0	0	0	0	25	1	0	26	0	0	1	0	1	50
12:00 PM	0	11	0	0	11	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	17
12:15 PM	1	4	0	0	5	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	12
12:30 PM	0	10	1	0	11	0	0	0	0	0	0	6	0	0	6	0	0	1	0	1	18
12:45 PM	1	8	0	0	9	0	0	1	0	1	0	6	0	0	6	0	0	1	0	1	17
Total	2	33	1	0	36	0	0	1	0	1	0	25	0	0	25	0	0	2	0	2	64
04:00 PM	0	8	0	0	8	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	10
04:15 PM	0	4	0	0	4	0	0	0	0	0	2	4	0	0	6	0	0	0	0	0	10
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	8
04:45 PM	0	3	0	0	3	0	0	0	0	0	0	3	2	0	5	0	0	0	0	0	8
Total	0	17	0	0	17	0	0	0	0	0	2	15	2	0	19	0	0	0	0	0	36
09:00 PM	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	2
09:15 PM	0	4	0	0	4	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	6
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	5	0	0	5	0	0	2	0	2	0	3	0	0	3	0	0	0	0	0	10
Grand Total	3	77	1	0	81	0	0	3	0	3	2	68	3	0	73	0	0	3	0	3	160
Apprch %	3.7	95.1	1.2	0		0	0	100	0		2.7	93.2	4.1	0		0	0	100	0		
Total %	1.9	48.1	0.6	0	50.6	0	0	1.9	0	1.9	1.2	42.5	1.9	0	45.6	0	0	1.9	0	1.9	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Winona Drive Sat 10-17-2020  
Site Code : 794992  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Lowes Access Westbound					Bridge St (SR 159) Northbound					Winona Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	26	321	6	0	353	47	3	31	0	81	14	404	47	0	465	7	3	9	0	19	918
01:15 PM	35	348	5	0	388	45	4	18	0	67	11	376	37	0	424	9	0	8	0	17	896
01:30 PM	33	373	9	0	415	35	3	8	0	46	15	370	51	0	436	11	0	14	0	25	922
01:45 PM	32	354	7	0	393	44	9	18	0	71	13	399	40	0	452	7	2	17	0	26	942
Total	126	1396	27	0	1549	171	19	75	0	265	53	1549	175	0	1777	34	5	48	0	87	3678
05:00 PM	23	332	10	0	365	37	3	19	0	59	19	339	33	0	391	5	5	13	0	23	838
05:15 PM	27	325	10	0	362	43	2	11	0	56	13	304	30	0	347	6	4	8	0	18	783
05:30 PM	20	293	11	0	324	48	2	14	0	64	16	271	29	0	316	11	1	15	0	27	731
05:45 PM	25	292	10	0	327	44	6	15	0	65	15	274	31	0	320	4	1	12	1	18	730
Total	95	1242	41	0	1378	172	13	59	0	244	63	1188	123	0	1374	26	11	48	1	86	3082
Grand Total	221	2638	68	0	2927	343	32	134	0	509	116	2737	298	0	3151	60	16	96	1	173	6760
Apprch %	7.6	90.1	2.3	0		67.4	6.3	26.3	0		3.7	86.9	9.5	0		34.7	9.2	55.5	0.6		
Total %	3.3	39	1	0	43.3	5.1	0.5	2	0	7.5	1.7	40.5	4.4	0	46.6	0.9	0.2	1.4	0	2.6	
Cars	220	2621	68	0	2909	341	32	134	0	507	116	2724	298	0	3138	60	16	96	0	172	6726
% Cars	99.5	99.4	100	0	99.4	99.4	100	100	0	99.6	100	99.5	100	0	99.6	100	100	100	0	99.4	99.5
Trucks	1	17	0	0	18	2	0	0	0	2	0	13	0	0	13	0	0	0	0	0	33
% Trucks	0.5	0.6	0	0	0.6	0.6	0	0	0	0.4	0	0.5	0	0	0.4	0	0	0	0	0	0.5
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.6	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Winona Drive Sat 10-17-2020  
Site Code : 794992  
Start Date : 10/17/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Lowes Access Westbound					Bridge St (SR 159) Northbound					Winona Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	26	321	6	0	353	47	3	31	0	81	14	404	47	0	465	7	3	9	0	19	918
01:15 PM	35	348	5	0	388	45	4	18	0	67	11	376	37	0	424	9	0	8	0	17	896
01:30 PM	33	373	9	0	415	35	3	8	0	46	15	370	51	0	436	11	0	14	0	25	922
01:45 PM	32	354	7	0	393	44	9	18	0	71	13	399	40	0	452	7	2	17	0	26	942
Total Volume	126	1396	27	0	1549	171	19	75	0	265	53	1549	175	0	1777	34	5	48	0	87	3678
% App. Total	8.1	90.1	1.7	0		64.5	7.2	28.3	0		3	87.2	9.8	0		39.1	5.7	55.2	0		
PHF	.900	.936	.750	.000	.933	.910	.528	.605	.000	.818	.883	.959	.858	.000	.955	.773	.417	.706	.000	.837	.976
Cars	125	1385	27	0	1537	170	19	75	0	264	53	1541	175	0	1769	34	5	48	0	87	3657
% Cars	99.2	99.2	100	0	99.2	99.4	100	100	0	99.6	100	99.5	100	0	99.5	100	100	100	0	100	99.4
Trucks	1	11	0	0	12	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	21
% Trucks	0.8	0.8	0	0	0.8	0.6	0	0	0	0.4	0	0.5	0	0	0.5	0	0	0	0	0	0.6
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	23	332	10	0	365	37	3	19	0	59	19	339	33	0	391	5	5	13	0	23	838
05:15 PM	27	325	10	0	362	43	2	11	0	56	13	304	30	0	347	6	4	8	0	18	783
05:30 PM	20	293	11	0	324	48	2	14	0	64	16	271	29	0	316	11	1	15	0	27	731
05:45 PM	25	292	10	0	327	44	6	15	0	65	15	274	31	0	320	4	1	12	1	18	730
Total Volume	95	1242	41	0	1378	172	13	59	0	244	63	1188	123	0	1374	26	11	48	1	86	3082
% App. Total	6.9	90.1	3	0		70.5	5.3	24.2	0		4.6	86.5	9	0		30.2	12.8	55.8	1.2		
PHF	.880	.935	.932	.000	.944	.896	.542	.776	.000	.938	.829	.876	.932	.000	.879	.591	.550	.800	.250	.796	.919
Cars	95	1236	41	0	1372	171	13	59	0	243	63	1183	123	0	1369	26	11	48	0	85	3069
% Cars	100	99.5	100	0	99.6	99.4	100	100	0	99.6	100	99.6	100	0	99.6	100	100	100	0	98.8	99.6
Trucks	0	6	0	0	6	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	12
% Trucks	0	0.5	0	0	0.4	0.6	0	0	0	0.4	0	0.4	0	0	0.4	0	0	0	0	0	0.4
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.2	0.0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Winona Drive Sat 10-17-2020  
Site Code : 794992  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Lowe's Access Westbound					Bridge St (SR 159) Northbound					Winona Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
01:15 PM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
01:30 PM	1	6	0	0	7	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	8
01:45 PM	0	1	0	0	1	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	4
Total	1	11	0	0	12	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	21
05:00 PM	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	3
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
05:30 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	5
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	6	0	0	6	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	12
Grand Total	1	17	0	0	18	2	0	0	0	2	0	13	0	0	13	0	0	0	0	0	33
Apprch %	5.6	94.4	0	0		100	0	0	0		0	100	0	0		0	0	0	0		
Total %	3	51.5	0	0	54.5	6.1	0	0	0	6.1	0	39.4	0	0	39.4	0	0	0	0	0	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Winona\_Drive\_(Additional\_Hour)\_804237\_10-15-2020  
Site Code :  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Lowe's-Kroger Access Westbound					Bridge St (SR 159) Northbound					Winona Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	17	211	9	0	237	25	1	18	0	44	11	257	23	0	291	2	2	9	0	13	585
10:15 AM	10	218	8	0	236	26	2	16	0	44	9	246	35	0	290	8	1	6	0	15	585
10:30 AM	23	225	4	0	252	33	2	12	0	47	12	266	29	0	307	6	0	10	0	16	622
10:45 AM	22	276	6	0	304	30	4	17	0	51	11	309	35	0	355	4	2	9	0	15	725
Total	72	930	27	0	1029	114	9	63	0	186	43	1078	122	0	1243	20	5	34	0	59	2517
Grand Total	72	930	27	0	1029	114	9	63	0	186	43	1078	122	0	1243	20	5	34	0	59	2517
Apprch %	7	90.4	2.6	0		61.3	4.8	33.9	0		3.5	86.7	9.8	0		33.9	8.5	57.6	0		
Total %	2.9	36.9	1.1	0	40.9	4.5	0.4	2.5	0	7.4	1.7	42.8	4.8	0	49.4	0.8	0.2	1.4	0	2.3	
Cars	71	891	27	0	989	111	8	63	0	182	43	1056	121	0	1220	19	5	33	0	57	2448
% Cars	98.6	95.8	100	0	96.1	97.4	88.9	100	0	97.8	100	98	99.2	0	98.1	95	100	97.1	0	96.6	97.3
Trucks	1	39	0	0	40	3	1	0	0	4	0	22	1	0	23	1	0	1	0	2	69
% Trucks	1.4	4.2	0	0	3.9	2.6	11.1	0	0	2.2	0	2	0.8	0	1.9	5	0	2.9	0	3.4	2.7
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
 Newark, OH 43055  
 (740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Winona\_Drive\_(Additional\_Hour)\_804237\_10-15-2020  
 Site Code :  
 Start Date : 10/15/2020  
 Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Lowe's-Kroger Access Westbound					Bridge St (SR 159) Northbound					Winona Blvd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	9	0	0	9	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	12
10:15 AM	0	10	0	0	10	0	0	0	0	0	0	8	0	0	8	1	0	0	0	1	19
10:30 AM	0	9	0	0	9	1	0	0	0	1	0	6	1	0	7	0	0	0	0	0	17
10:45 AM	1	11	0	0	12	2	0	0	0	2	0	6	0	0	6	0	0	1	0	1	21
Total	1	39	0	0	40	3	1	0	0	4	0	22	1	0	23	1	0	1	0	2	69
Grand Total	1	39	0	0	40	3	1	0	0	4	0	22	1	0	23	1	0	1	0	2	69
Apprch %	2.5	97.5	0	0		75	25	0	0		0	95.7	4.3	0		50	0	50	0		
Total %	1.4	56.5	0	0	58	4.3	1.4	0	0	5.8	0	31.9	1.4	0	33.3	1.4	0	1.4	0	2.9	





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

Note:7-8am Time Period  
Collected on 11/05/2020

File Name : Bridge Street (SR 159) & Pawnee Road CVS Thur 10-15-2020  
Site Code : 795589  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					CVS Access Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	2	104	4	0	110	0	1	0	0	1	11	123	0	0	134	13	0	20	0	33	278
07:15 AM	2	114	5	0	121	1	1	0	0	2	7	168	0	0	175	11	1	15	0	27	325
07:30 AM	2	148	9	0	159	1	2	6	0	9	18	197	0	0	215	11	0	19	1	31	414
07:45 AM	5	137	5	0	147	0	0	2	0	2	24	214	0	0	238	9	1	13	0	23	410
Total	11	503	23	0	537	2	4	8	0	14	60	702	0	0	762	44	2	67	1	114	1427
12:00 PM	9	316	9	0	334	15	6	6	0	27	37	296	0	0	333	7	1	47	0	55	749
12:15 PM	12	303	11	0	326	8	3	8	0	19	40	301	1	0	342	14	5	39	0	58	745
12:30 PM	4	307	8	0	319	14	6	16	0	36	40	299	3	0	342	11	4	40	0	55	752
12:45 PM	5	286	7	0	298	10	8	13	0	31	30	280	0	1	311	9	6	50	0	65	705
Total	30	1212	35	0	1277	47	23	43	0	113	147	1176	4	1	1328	41	16	176	0	233	2951
04:00 PM	10	336	7	0	353	17	9	13	0	39	37	286	0	0	323	13	4	40	0	57	772
04:15 PM	10	340	9	0	359	13	4	15	0	32	40	301	1	0	342	8	3	43	0	54	787
04:30 PM	8	353	6	0	367	18	7	14	0	39	27	271	2	0	300	16	3	41	0	60	766
04:45 PM	11	343	10	0	364	13	4	16	0	33	39	308	2	0	349	12	2	40	0	54	800
Total	39	1372	32	0	1443	61	24	58	0	143	143	1166	5	0	1314	49	12	164	0	225	3125
09:00 PM	0	100	0	0	100	3	1	3	0	7	13	87	0	0	100	1	0	19	0	20	227
09:15 PM	1	110	1	0	112	2	1	0	0	3	8	58	0	0	66	0	0	7	0	7	188
09:30 PM	2	110	2	0	114	2	0	0	0	2	5	51	0	0	56	0	0	11	0	11	183
09:45 PM	0	67	2	0	69	2	0	1	0	3	7	61	0	0	68	1	1	13	0	15	155
Total	3	387	5	0	395	9	2	4	0	15	33	257	0	0	290	2	1	50	0	53	753
Grand Total	83	3474	95	0	3652	119	53	113	0	285	383	3301	9	1	3694	136	31	457	1	625	8256
Apprch %	2.3	95.1	2.6	0		41.8	18.6	39.6	0		10.4	89.4	0.2	0		21.8	5	73.1	0.2		
Total %	1	42.1	1.2	0	44.2	1.4	0.6	1.4	0	3.5	4.6	40	0.1	0	44.7	1.6	0.4	5.5	0	7.6	
Cars	82	3407	91	0	3580	118	52	111	0	281	380	3240	9	0	3629	135	30	448	0	613	8103
% Cars	98.8	98.1	95.8	0	98	99.2	98.1	98.2	0	98.6	99.2	98.2	100	0	98.2	99.3	96.8	98	0	98.1	98.1
Trucks	1	67	4	0	72	1	1	2	0	4	3	61	0	0	64	1	1	9	0	11	151
% Trucks	1.2	1.9	4.2	0	2	0.8	1.9	1.8	0	1.4	0.8	1.8	0	0	1.7	0.7	3.2	2	0	1.8	1.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	100	0.2	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Pawnee Road CVS Thur 10-15-2020  
Site Code : 795589  
Start Date : 10/15/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					CVS Access Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	2	104	4	0	110	0	1	0	0	1	11	123	0	0	134	13	0	20	0	33	278
07:15 AM	2	114	5	0	121	1	1	0	0	2	7	168	0	0	175	11	1	15	0	27	325
07:30 AM	2	148	9	0	159	1	2	6	0	9	18	197	0	0	215	11	0	19	1	31	414
07:45 AM	5	137	5	0	147	0	0	2	0	2	24	214	0	0	238	9	1	13	0	23	410
Total Volume	11	503	23	0	537	2	4	8	0	14	60	702	0	0	762	44	2	67	1	114	1427
% App. Total	2	93.7	4.3	0		14.3	28.6	57.1	0		7.9	92.1	0	0		38.6	1.8	58.8	0.9		
PHF	.550	.850	.639	.000	.844	.500	.500	.333	.000	.389	.625	.820	.000	.000	.800	.846	.500	.838	.250	.864	.862
Cars	10	484	23	0	517	1	3	8	0	12	58	682	0	0	740	44	2	65	0	111	1380
% Cars	90.9	96.2	100	0	96.3	50.0	75.0	100	0	85.7	96.7	97.2	0	0	97.1	100	100	97.0	0	97.4	96.7
Trucks	1	19	0	0	20	1	1	0	0	2	2	20	0	0	22	0	0	2	0	2	46
% Trucks	9.1	3.8	0	0	3.7	50.0	25.0	0	0	14.3	3.3	2.8	0	0	2.9	0	0	3.0	0	1.8	3.2
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.9	0.1
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	9	316	9	0	334	15	6	6	0	27	37	296	0	0	333	7	1	47	0	55	749
12:15 PM	12	303	11	0	326	8	3	8	0	19	40	301	1	0	342	14	5	39	0	58	745
12:30 PM	4	307	8	0	319	14	6	16	0	36	40	299	3	0	342	11	4	40	0	55	752
12:45 PM	5	286	7	0	298	10	8	13	0	31	30	280	0	1	311	9	6	50	0	65	705
Total Volume	30	1212	35	0	1277	47	23	43	0	113	147	1176	4	1	1328	41	16	176	0	233	2951
% App. Total	2.3	94.9	2.7	0		41.6	20.4	38.1	0		11.1	88.6	0.3	0.1		17.6	6.9	75.5	0		
PHF	.625	.959	.795	.000	.956	.783	.719	.672	.000	.785	.919	.977	.333	.250	.971	.732	.667	.880	.000	.896	.981
Cars	30	1181	33	0	1244	47	23	42	0	112	147	1152	4	0	1303	40	16	172	0	228	2887
% Cars	100	97.4	94.3	0	97.4	100	100	97.7	0	99.1	100	98.0	100	0	98.1	97.6	100	97.7	0	97.9	97.8
Trucks	0	31	2	0	33	0	0	1	0	1	0	24	0	0	24	1	0	4	0	5	63
% Trucks	0	2.6	5.7	0	2.6	0	0	2.3	0	0.9	0	2.0	0	0	1.8	2.4	0	2.3	0	2.1	2.1
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.1	0	0	0	0	0	0.0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Pawnee Road CVS Thur 10-15-2020  
Site Code : 795589  
Start Date : 10/15/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					CVS Access Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	10	336	7	0	353	17	9	13	0	39	37	286	0	0	323	13	4	40	0	57	772
04:15 PM	10	340	9	0	359	13	4	15	0	32	40	301	1	0	342	8	3	43	0	54	787
04:30 PM	8	353	6	0	367	18	7	14	0	39	27	271	2	0	300	16	3	41	0	60	766
04:45 PM	11	343	10	0	364	13	4	16	0	33	39	308	2	0	349	12	2	40	0	54	800
Total Volume	39	1372	32	0	1443	61	24	58	0	143	143	1166	5	0	1314	49	12	164	0	225	3125
% App. Total	2.7	95.1	2.2	0		42.7	16.8	40.6	0		10.9	88.7	0.4	0		21.8	5.3	72.9	0		
PHF	.886	.972	.800	.000	.983	.847	.667	.906	.000	.917	.894	.946	.625	.000	.941	.766	.750	.953	.000	.938	.977
Cars	39	1359	30	0	1428	61	24	57	0	142	143	1152	5	0	1300	49	11	163	0	223	3093
% Cars	100	99.1	93.8	0	99.0	100	100	98.3	0	99.3	100	98.8	100	0	98.9	100	91.7	99.4	0	99.1	99.0
Trucks	0	13	2	0	15	0	0	1	0	1	0	14	0	0	14	0	1	1	0	2	32
% Trucks	0	0.9	6.3	0	1.0	0	0	1.7	0	0.7	0	1.2	0	0	1.1	0	8.3	0.6	0	0.9	1.0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	0	100	0	0	100	3	1	3	0	7	13	87	0	0	100	1	0	19	0	20	227
09:15 PM	1	110	1	0	112	2	1	0	0	3	8	58	0	0	66	0	0	7	0	7	188
09:30 PM	2	110	2	0	114	2	0	0	0	2	5	51	0	0	56	0	0	11	0	11	183
09:45 PM	0	67	2	0	69	2	0	1	0	3	7	61	0	0	68	1	1	13	0	15	155
Total Volume	3	387	5	0	395	9	2	4	0	15	33	257	0	0	290	2	1	50	0	53	753
% App. Total	0.8	98	1.3	0		60	13.3	26.7	0		11.4	88.6	0	0		3.8	1.9	94.3	0		
PHF	.375	.880	.625	.000	.866	.750	.500	.333	.000	.536	.635	.739	.000	.000	.725	.500	.250	.658	.000	.663	.829
Cars	3	383	5	0	391	9	2	4	0	15	32	254	0	0	286	2	1	48	0	51	743
% Cars	100	99.0	100	0	99.0	100	100	100	0	100	97.0	98.8	0	0	98.6	100	100	96.0	0	96.2	98.7
Trucks	0	4	0	0	4	0	0	0	0	0	1	3	0	0	4	0	0	2	0	2	10
% Trucks	0	1.0	0	0	1.0	0	0	0	0	0	3.0	1.2	0	0	1.4	0	0	4.0	0	3.8	1.3
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

Note:7-8am Time Period  
Collected on 11/05/2020

File Name : Bridge Street (SR 159) & Pawnee Road CVS Thur 10-15-2020  
Site Code : 795589  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					CVS Access Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	1	5	0	0	6	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	11
07:15 AM	0	1	0	0	1	0	1	0	0	1	0	5	0	0	5	0	0	1	0	1	8
07:30 AM	0	7	0	0	7	1	0	0	0	1	0	7	0	0	7	0	0	0	0	0	15
07:45 AM	0	6	0	0	6	0	0	0	0	0	2	4	0	0	6	0	0	0	0	0	12
Total	1	19	0	0	20	1	1	0	0	2	2	20	0	0	22	0	0	2	0	2	46
12:00 PM	0	8	1	0	9	0	0	0	0	0	0	8	0	0	8	0	0	1	0	1	18
12:15 PM	0	7	0	0	7	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	14
12:30 PM	0	7	1	0	8	0	0	0	0	0	0	6	0	0	6	1	0	2	0	3	17
12:45 PM	0	9	0	0	9	0	0	1	0	1	0	3	0	0	3	0	0	1	0	1	14
Total	0	31	2	0	33	0	0	1	0	1	0	24	0	0	24	1	0	4	0	5	63
04:00 PM	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	8
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
04:30 PM	0	4	1	0	5	0	0	1	0	1	0	4	0	0	4	0	1	0	0	1	11
04:45 PM	0	2	1	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
Total	0	13	2	0	15	0	0	1	0	1	0	14	0	0	14	0	1	1	0	2	32
09:00 PM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
09:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	5
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	4	0	0	4	0	0	0	0	0	1	3	0	0	4	0	0	2	0	2	10
Grand Total	1	67	4	0	72	1	1	2	0	4	3	61	0	0	64	1	1	9	0	11	151
Apprch %	1.4	93.1	5.6	0		25	25	50	0		4.7	95.3	0	0		9.1	9.1	81.8	0		
Total %	0.7	44.4	2.6	0	47.7	0.7	0.7	1.3	0	2.6	2	40.4	0	0	42.4	0.7	0.7	6	0	7.3	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Pawnee Road CVS Sat 10-17-2020  
Site Code : 795589  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					CVS Access Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	5	306	5	0	316	11	4	8	0	23	33	370	0	0	403	8	5	43	0	56	798
01:15 PM	13	327	6	0	346	19	7	15	0	41	34	349	0	0	383	9	1	34	0	44	814
01:30 PM	18	340	11	0	369	14	3	13	0	30	37	316	3	0	356	17	3	37	0	57	812
01:45 PM	7	326	8	0	341	19	8	14	0	41	36	350	0	0	386	11	1	43	0	55	823
Total	43	1299	30	0	1372	63	22	50	0	135	140	1385	3	0	1528	45	10	157	0	212	3247
05:00 PM	7	343	10	0	360	9	4	18	0	31	26	313	0	0	339	12	4	26	0	42	772
05:15 PM	8	276	5	0	289	19	3	14	1	37	37	276	1	2	316	10	2	34	0	46	688
05:30 PM	12	280	6	0	298	15	10	6	0	31	23	261	2	0	286	8	3	34	0	45	660
05:45 PM	9	277	10	0	296	14	7	9	0	30	23	255	0	2	280	7	2	30	0	39	645
Total	36	1176	31	0	1243	57	24	47	1	129	109	1105	3	4	1221	37	11	124	0	172	2765
Grand Total	79	2475	61	0	2615	120	46	97	1	264	249	2490	6	4	2749	82	21	281	0	384	6012
Apprch %	3	94.6	2.3	0		45.5	17.4	36.7	0.4		9.1	90.6	0.2	0.1		21.4	5.5	73.2	0		
Total %	1.3	41.2	1	0	43.5	2	0.8	1.6	0	4.4	4.1	41.4	0.1	0.1	45.7	1.4	0.3	4.7	0	6.4	
Cars	79	2458	61	0	2598	120	46	97	0	263	249	2478	6	0	2733	82	21	279	0	382	5976
% Cars	100	99.3	100	0	99.3	100	100	100	0	99.6	100	99.5	100	0	99.4	100	100	99.3	0	99.5	99.4
Trucks	0	17	0	0	17	0	0	0	0	0	0	12	0	0	12	0	0	2	0	2	31
% Trucks	0	0.7	0	0	0.7	0	0	0	0	0	0	0.5	0	0	0.4	0	0	0.7	0	0.5	0.5
Pedestrians	0	0	0	0	0	0	0	0	1	1	0	0	0	4	4	0	0	0	0	0	5
% Pedestrians	0	0	0	0	0	0	0	0	100	0.4	0	0	0	100	0.1	0	0	0	0	0	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Pawnee Road CVS Sat 10-17-2020  
Site Code : 795589  
Start Date : 10/17/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					CVS Access Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	5	306	5	0	316	11	4	8	0	23	33	370	0	0	403	8	5	43	0	56	798
01:15 PM	13	327	6	0	346	19	7	15	0	41	34	349	0	0	383	9	1	34	0	44	814
01:30 PM	18	340	11	0	369	14	3	13	0	30	37	316	3	0	356	17	3	37	0	57	812
01:45 PM	7	326	8	0	341	19	8	14	0	41	36	350	0	0	386	11	1	43	0	55	823
Total Volume	43	1299	30	0	1372	63	22	50	0	135	140	1385	3	0	1528	45	10	157	0	212	3247
% App. Total	3.1	94.7	2.2	0		46.7	16.3	37	0		9.2	90.6	0.2	0		21.2	4.7	74.1	0		
PHF	.597	.955	.682	.000	.930	.829	.688	.833	.000	.823	.946	.936	.250	.000	.948	.662	.500	.913	.000	.930	.986
Cars	43	1288	30	0	1361	63	22	50	0	135	140	1378	3	0	1521	45	10	156	0	211	3228
% Cars	100	99.2	100	0	99.2	100	100	100	0	100	100	99.5	100	0	99.5	100	100	99.4	0	99.5	99.4
Trucks	0	11	0	0	11	0	0	0	0	0	0	7	0	7	0	0	0	1	0	1	19
% Trucks	0	0.8	0	0	0.8	0	0	0	0	0	0	0.5	0	0.5	0	0	0	0.6	0	0.5	0.6
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	7	343	10	0	360	9	4	18	0	31	26	313	0	0	339	12	4	26	0	42	772
05:15 PM	8	276	5	0	289	19	3	14	1	37	37	276	1	2	316	10	2	34	0	46	688
05:30 PM	12	280	6	0	298	15	10	6	0	31	23	261	2	0	286	8	3	34	0	45	660
05:45 PM	9	277	10	0	296	14	7	9	0	30	23	255	0	2	280	7	2	30	0	39	645
Total Volume	36	1176	31	0	1243	57	24	47	1	129	109	1105	3	4	1221	37	11	124	0	172	2765
% App. Total	2.9	94.6	2.5	0		44.2	18.6	36.4	0.8		8.9	90.5	0.2	0.3		21.5	6.4	72.1	0		
PHF	.750	.857	.775	.000	.863	.750	.600	.653	.250	.872	.736	.883	.375	.500	.900	.771	.688	.912	.000	.935	.895
Cars	36	1170	31	0	1237	57	24	47	0	128	109	1100	3	0	1212	37	11	123	0	171	2748
% Cars	100	99.5	100	0	99.5	100	100	100	0	99.2	100	99.5	100	0	99.3	100	100	99.2	0	99.4	99.4
Trucks	0	6	0	0	6	0	0	0	0	0	0	5	0	5	0	0	0	1	0	1	12
% Trucks	0	0.5	0	0	0.5	0	0	0	0	0	0	0.5	0	0.4	0.4	0	0	0.8	0	0.6	0.4
Pedestrians	0	0	0	0	0	0	0	0	1	1	0	0	0	4	4	0	0	0	0	0	5
% Pedestrians	0	0	0	0	0	0	0	0	100	0.8	0	0	0	100	0.3	0	0	0	0	0	0.2



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Pawnee Road CVS Sat 10-17-2020  
Site Code : 795589  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					CVS Access Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
01:15 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	5
01:30 PM	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	8
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	11	0	0	11	0	0	0	0	0	0	7	0	0	7	0	0	1	0	1	19
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
05:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	4
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	1	0	1	12
Grand Total	0	17	0	0	17	0	0	0	0	0	0	12	0	0	12	0	0	2	0	2	31
Apprch %	0	100	0	0		0	0	0	0		0	100	0	0		0	0	100	0		
Total %	0	54.8	0	0	54.8	0	0	0	0		0	38.7	0	0	38.7	0	0	6.5	0	6.5	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Pawnee\_Road-CVS\_(Additional\_Hour)\_804236\_10-15-2020

Site Code :

Start Date : 10/15/2020

Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Pawnee Rd Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	8	192	8	0	208	8	3	7	0	18	30	227	0	0	257	8	5	31	0	44	527
10:15 AM	8	202	2	0	212	3	5	11	0	19	24	232	0	0	256	9	4	26	0	39	526
10:30 AM	4	191	7	0	202	5	10	9	0	24	29	225	1	0	255	16	1	43	0	60	541
10:45 AM	14	240	12	0	266	15	2	7	0	24	39	262	0	0	301	13	1	25	0	39	630
Total	34	825	29	0	888	31	20	34	0	85	122	946	1	0	1069	46	11	125	0	182	2224
Grand Total	34	825	29	0	888	31	20	34	0	85	122	946	1	0	1069	46	11	125	0	182	2224
Apprch %	3.8	92.9	3.3	0		36.5	23.5	40	0		11.4	88.5	0.1	0		25.3	6	68.7	0		
Total %	1.5	37.1	1.3	0	39.9	1.4	0.9	1.5	0	3.8	5.5	42.5	0	0	48.1	2.1	0.5	5.6	0	8.2	
Cars	34	789	29	0	852	30	20	33	0	83	122	924	1	0	1047	46	11	121	0	178	2160
% Cars	100	95.6	100	0	95.9	96.8	100	97.1	0	97.6	100	97.7	100	0	97.9	100	100	96.8	0	97.8	97.1
Trucks	0	36	0	0	36	1	0	1	0	2	0	22	0	0	22	0	0	4	0	4	64
% Trucks	0	4.4	0	0	4.1	3.2	0	2.9	0	2.4	0	2.3	0	0	2.1	0	0	3.2	0	2.2	2.9
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Pawnee\_Road-CVS\_(Additional\_Hour)\_804236\_10-15-2020

Site Code :

Start Date : 10/15/2020

Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Pawnee Rd Westbound					Bridge St (SR 159) Northbound					Pawnee Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	7	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	2	0	2	12
10:15 AM	0	12	0	0	12	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	17
10:30 AM	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	1	0	1	13
10:45 AM	0	13	0	0	13	1	0	0	0	1	0	7	0	0	7	0	0	1	0	1	22
Total	0	36	0	0	36	1	0	1	0	2	0	22	0	0	22	0	0	4	0	4	64
Grand Total	0	36	0	0	36	1	0	1	0	2	0	22	0	0	22	0	0	4	0	4	64
Apprch %	0	100	0	0		50	0	50	0		0	100	0	0		0	0	100	0		
Total %	0	56.2	0	0	56.2	1.6	0	1.6	0	3.1	0	34.4	0	0	34.4	0	0	6.2	0	6.2	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Chillicothe Mall-Zane Plaza 10-22-2020  
Site Code : 794862  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	12	79	2	0	93	6	1	10	0	17	1	77	2	0	80	2	1	1	0	4	194
07:15 AM	7	107	6	0	120	13	0	22	0	35	0	146	2	0	148	3	0	4	0	7	310
07:30 AM	7	109	4	0	120	9	0	9	0	18	0	152	1	0	153	4	0	2	0	6	297
07:45 AM	7	141	2	0	150	8	2	12	0	22	9	177	2	0	188	3	1	1	0	5	365
Total	33	436	14	0	483	36	3	53	0	92	10	552	7	0	569	12	2	8	0	22	1166
12:00 PM	22	238	13	0	273	43	12	20	0	75	25	232	25	1	283	21	6	19	0	46	677
12:15 PM	33	244	10	0	287	32	4	29	0	65	28	248	19	0	295	24	7	27	0	58	705
12:30 PM	29	264	16	0	309	47	6	22	0	75	18	247	20	0	285	33	8	18	0	59	728
12:45 PM	24	221	7	0	252	44	14	26	0	84	13	254	21	0	288	22	8	21	0	51	675
Total	108	967	46	0	1121	166	36	97	0	299	84	981	85	1	1151	100	29	85	0	214	2785
04:00 PM	19	309	6	1	335	38	3	10	0	51	21	208	16	0	245	10	6	24	0	40	671
04:15 PM	20	297	13	0	330	35	1	20	0	56	25	231	14	0	270	17	8	24	0	49	705
04:30 PM	17	319	5	0	341	43	2	14	0	59	20	217	23	0	260	17	5	17	0	39	699
04:45 PM	19	280	9	0	308	33	2	18	0	53	20	240	19	0	279	12	6	27	0	45	685
Total	75	1205	33	1	1314	149	8	62	0	219	86	896	72	0	1054	56	25	92	0	173	2760
09:00 PM	8	87	4	0	99	17	1	7	0	25	6	56	1	0	63	1	1	10	0	12	199
09:15 PM	1	61	2	0	64	18	7	3	0	28	8	56	3	0	67	4	2	8	0	14	173
09:30 PM	2	83	4	0	89	10	0	3	0	13	7	47	3	0	57	6	1	12	0	19	178
09:45 PM	3	48	4	0	55	11	1	6	0	18	3	38	3	0	44	3	0	7	0	10	127
Total	14	279	14	0	307	56	9	19	0	84	24	197	10	0	231	14	4	37	0	55	677
Grand Total	230	2887	107	1	3225	407	56	231	0	694	204	2626	174	1	3005	182	60	222	0	464	7388
Apprch %	7.1	89.5	3.3	0		58.6	8.1	33.3	0		6.8	87.4	5.8	0		39.2	12.9	47.8	0		
Total %	3.1	39.1	1.4	0	43.7	5.5	0.8	3.1	0	9.4	2.8	35.5	2.4	0	40.7	2.5	0.8	3	0	6.3	
Cars	228	2824	106	0	3158	403	56	228	0	687	204	2535	173	0	2912	182	60	220	0	462	7219
% Cars	99.1	97.8	99.1	0	97.9	99	100	98.7	0	99	100	96.5	99.4	0	96.9	100	100	99.1	0	99.6	97.7
Trucks	2	63	1	0	66	4	0	3	0	7	0	91	1	0	92	0	0	2	0	2	167
% Trucks	0.9	2.2	0.9	0	2	1	0	1.3	0	1	0	3.5	0.6	0	3.1	0	0	0.9	0	0.4	2.3
Pedestrians	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
% Pedestrians	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Chillicothe Mall-Zane Plaza 10-22-2020  
Site Code : 794862  
Start Date : 10/22/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	12	79	2	0	93	6	1	10	0	17	1	77	2	0	80	2	1	1	0	4	194
07:15 AM	7	107	6	0	120	13	0	22	0	35	0	146	2	0	148	3	0	4	0	7	310
07:30 AM	7	109	4	0	120	9	0	9	0	18	0	152	1	0	153	4	0	2	0	6	297
07:45 AM	7	141	2	0	150	8	2	12	0	22	9	177	2	0	188	3	1	1	0	5	365
Total Volume	33	436	14	0	483	36	3	53	0	92	10	552	7	0	569	12	2	8	0	22	1166
% App. Total	6.8	90.3	2.9	0		39.1	3.3	57.6	0		1.8	97	1.2	0		54.5	9.1	36.4	0		
PHF	.688	.773	.583	.000	.805	.692	.375	.602	.000	.657	.278	.780	.875	.000	.757	.750	.500	.500	.000	.786	.799
Cars	31	415	14	0	460	33	3	53	0	89	10	521	7	0	538	12	2	8	0	22	1109
% Cars	93.9	95.2	100	0	95.2	91.7	100	100	0	96.7	100	94.4	100	0	94.6	100	100	100	0	100	95.1
Trucks	2	21	0	0	23	3	0	0	0	3	0	31	0	0	31	0	0	0	0	0	57
% Trucks	6.1	4.8	0	0	4.8	8.3	0	0	0	3.3	0	5.6	0	0	5.4	0	0	0	0	0	4.9
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	22	238	13	0	273	43	12	20	0	75	25	232	25	1	283	21	6	19	0	46	677
12:15 PM	33	244	10	0	287	32	4	29	0	65	28	248	19	0	295	24	7	27	0	58	705
12:30 PM	29	264	16	0	309	47	6	22	0	75	18	247	20	0	285	33	8	18	0	59	728
12:45 PM	24	221	7	0	252	44	14	26	0	84	13	254	21	0	288	22	8	21	0	51	675
Total Volume	108	967	46	0	1121	166	36	97	0	299	84	981	85	1	1151	100	29	85	0	214	2785
% App. Total	9.6	86.3	4.1	0		55.5	12	32.4	0		7.3	85.2	7.4	0.1		46.7	13.6	39.7	0		
PHF	.818	.916	.719	.000	.907	.883	.643	.836	.000	.890	.750	.966	.850	.250	.975	.758	.906	.787	.000	.907	.956
Cars	108	946	46	0	1100	166	36	96	0	298	84	944	85	0	1113	100	29	83	0	212	2723
% Cars	100	97.8	100	0	98.1	100	100	99.0	0	99.7	100	96.2	100	0	96.7	100	100	97.6	0	99.1	97.8
Trucks	0	21	0	0	21	0	0	1	0	1	0	37	0	0	37	0	0	2	0	2	61
% Trucks	0	2.2	0	0	1.9	0	0	1.0	0	0.3	0	3.8	0	0	3.2	0	0	2.4	0	0.9	2.2
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.1	0	0	0	0	0	0.0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Chillicothe Mall-Zane Plaza 10-22-2020  
Site Code : 794862  
Start Date : 10/22/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	19	309	6	1	335	38	3	10	0	51	21	208	16	0	245	10	6	24	0	40	671
04:15 PM	20	297	13	0	330	35	1	20	0	56	25	231	14	0	270	17	8	24	0	49	705
04:30 PM	17	319	5	0	341	43	2	14	0	59	20	217	23	0	260	17	5	17	0	39	699
04:45 PM	19	280	9	0	308	33	2	18	0	53	20	240	19	0	279	12	6	27	0	45	685
Total Volume	75	1205	33	1	1314	149	8	62	0	219	86	896	72	0	1054	56	25	92	0	173	2760
% App. Total	5.7	91.7	2.5	0.1		68	3.7	28.3	0		8.2	85	6.8	0		32.4	14.5	53.2	0		
PHF	.938	.944	.635	.250	.963	.866	.667	.775	.000	.928	.860	.933	.783	.000	.944	.824	.781	.852	.000	.883	.979
Cars	75	1187	32	0	1294	148	8	60	0	216	86	876	71	0	1033	56	25	92	0	173	2716
% Cars	100	98.5	97.0	0	98.5	99.3	100	96.8	0	98.6	100	97.8	98.6	0	98.0	100	100	100	0	100	98.4
Trucks	0	18	1	0	19	1	0	2	0	3	0	20	1	0	21	0	0	0	0	0	43
% Trucks	0	1.5	3.0	0	1.4	0.7	0	3.2	0	1.4	0	2.2	1.4	0	2.0	0	0	0	0	0	1.6
Pedestrians	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
% Pedestrians	0	0	0	100	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	8	87	4	0	99	17	1	7	0	25	6	56	1	0	63	1	1	10	0	12	199
09:15 PM	1	61	2	0	64	18	7	3	0	28	8	56	3	0	67	4	2	8	0	14	173
09:30 PM	2	83	4	0	89	10	0	3	0	13	7	47	3	0	57	6	1	12	0	19	178
09:45 PM	3	48	4	0	55	11	1	6	0	18	3	38	3	0	44	3	0	7	0	10	127
Total Volume	14	279	14	0	307	56	9	19	0	84	24	197	10	0	231	14	4	37	0	55	677
% App. Total	4.6	90.9	4.6	0		66.7	10.7	22.6	0		10.4	85.3	4.3	0		25.5	7.3	67.3	0		
PHF	.438	.802	.875	.000	.775	.778	.321	.679	.000	.750	.750	.879	.833	.000	.862	.583	.500	.771	.000	.724	.851
Cars	14	276	14	0	304	56	9	19	0	84	24	194	10	0	228	14	4	37	0	55	671
% Cars	100	98.9	100	0	99.0	100	100	100	0	100	100	98.5	100	0	98.7	100	100	100	0	100	99.1
Trucks	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
% Trucks	0	1.1	0	0	1.0	0	0	0	0	0	0	1.5	0	0	1.3	0	0	0	0	0	0.9
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Chillicothe Mall-Zane Plaza Thur 10-22-2020  
Site Code : 794862  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	2	5	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	10
07:15 AM	0	4	0	0	4	3	0	0	0	3	0	8	0	0	8	0	0	0	0	0	15
07:30 AM	0	7	0	0	7	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	18
07:45 AM	0	5	0	0	5	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	14
Total	2	21	0	0	23	3	0	0	0	3	0	31	0	0	31	0	0	0	0	0	57
12:00 PM	0	5	0	0	5	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	16
12:15 PM	0	9	0	0	9	0	0	0	0	0	0	8	0	0	8	0	0	2	0	2	19
12:30 PM	0	5	0	0	5	0	0	1	0	1	0	12	0	0	12	0	0	0	0	0	18
12:45 PM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	8
Total	0	21	0	0	21	0	0	1	0	1	0	37	0	0	37	0	0	2	0	2	61
04:00 PM	0	5	0	0	5	1	0	1	0	2	0	7	0	0	7	0	0	0	0	0	14
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	5	1	0	6	0	0	0	0	0	9
04:30 PM	0	7	0	0	7	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	10
04:45 PM	0	3	1	0	4	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	10
Total	0	18	1	0	19	1	0	2	0	3	0	20	1	0	21	0	0	0	0	0	43
09:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
09:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
09:45 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
Total	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
Grand Total	2	63	1	0	66	4	0	3	0	7	0	91	1	0	92	0	0	2	0	2	167
Apprch %	3	95.5	1.5	0		57.1	0	42.9	0		0	98.9	1.1	0		0	0	100	0		
Total %	1.2	37.7	0.6	0	39.5	2.4	0	1.8	0	4.2	0	54.5	0.6	0	55.1	0	0	1.2	0	1.2	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Chillicothe Mall-Zane Plaza Sat 10-24-2020  
Site Code : 794862  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	30	240	9	0	279	52	8	15	0	75	38	213	32	0	283	23	10	22	0	55	692
01:15 PM	26	201	13	0	240	45	8	17	0	70	27	242	27	0	296	16	9	23	0	48	654
01:30 PM	21	225	7	0	253	47	13	19	0	79	24	225	21	0	270	19	8	32	0	59	661
01:45 PM	19	220	16	0	255	56	8	20	0	84	21	224	23	0	268	17	8	29	0	54	661
Total	96	886	45	0	1027	200	37	71	0	308	110	904	103	0	1117	75	35	106	0	216	2668
05:00 PM	39	202	8	0	249	48	5	22	0	75	26	218	25	0	269	21	9	24	0	54	647
05:15 PM	29	242	6	0	277	48	8	18	0	74	29	188	32	0	249	19	0	17	0	36	636
05:30 PM	22	198	13	0	233	46	6	12	0	64	23	219	28	0	270	18	8	29	0	55	622
05:45 PM	27	223	6	0	256	45	3	18	0	66	40	206	27	0	273	12	4	23	0	39	634
Total	117	865	33	0	1015	187	22	70	0	279	118	831	112	0	1061	70	21	93	0	184	2539
Grand Total	213	1751	78	0	2042	387	59	141	0	587	228	1735	215	0	2178	145	56	199	0	400	5207
Apprch %	10.4	85.7	3.8	0		65.9	10.1	24	0		10.5	79.7	9.9	0		36.2	14	49.8	0		
Total %	4.1	33.6	1.5	0	39.2	7.4	1.1	2.7	0	11.3	4.4	33.3	4.1	0	41.8	2.8	1.1	3.8	0	7.7	
Cars	212	1735	78	0	2025	385	59	141	0	585	228	1725	215	0	2168	145	56	198	0	399	5177
% Cars	99.5	99.1	100	0	99.2	99.5	100	100	0	99.7	100	99.4	100	0	99.5	100	100	99.5	0	99.8	99.4
Trucks	1	16	0	0	17	2	0	0	0	2	0	10	0	0	10	0	0	1	0	1	30
% Trucks	0.5	0.9	0	0	0.8	0.5	0	0	0	0.3	0	0.6	0	0	0.5	0	0	0.5	0	0.2	0.6
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Chillicothe Mall-Zane Plaza Sat 10-24-2020  
Site Code : 794862  
Start Date : 10/24/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	30	240	9	0	279	52	8	15	0	75	38	213	32	0	283	23	10	22	0	55	692
01:15 PM	26	201	13	0	240	45	8	17	0	70	27	242	27	0	296	16	9	23	0	48	654
01:30 PM	21	225	7	0	253	47	13	19	0	79	24	225	21	0	270	19	8	32	0	59	661
01:45 PM	19	220	16	0	255	56	8	20	0	84	21	224	23	0	268	17	8	29	0	54	661
Total Volume	96	886	45	0	1027	200	37	71	0	308	110	904	103	0	1117	75	35	106	0	216	2668
% App. Total	9.3	86.3	4.4	0		64.9	12	23.1	0		9.8	80.9	9.2	0		34.7	16.2	49.1	0		
PHF	.800	.923	.703	.000	.920	.893	.712	.888	.000	.917	.724	.934	.805	.000	.943	.815	.875	.828	.000	.915	.964
Cars	96	878	45	0	1019	200	37	71	0	308	110	899	103	0	1112	75	35	106	0	216	2655
% Cars	100	99.1	100	0	99.2	100	100	100	0	100	100	99.4	100	0	99.6	100	100	100	0	100	99.5
Trucks	0	8	0	0	8	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	13
% Trucks	0	0.9	0	0	0.8	0	0	0	0	0	0	0.6	0	0	0.4	0	0	0	0	0	0.5
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	39	202	8	0	249	48	5	22	0	75	26	218	25	0	269	21	9	24	0	54	647
05:15 PM	29	242	6	0	277	48	8	18	0	74	29	188	32	0	249	19	0	17	0	36	636
05:30 PM	22	198	13	0	233	46	6	12	0	64	23	219	28	0	270	18	8	29	0	55	622
05:45 PM	27	223	6	0	256	45	3	18	0	66	40	206	27	0	273	12	4	23	0	39	634
Total Volume	117	865	33	0	1015	187	22	70	0	279	118	831	112	0	1061	70	21	93	0	184	2539
% App. Total	11.5	85.2	3.3	0		67	7.9	25.1	0		11.1	78.3	10.6	0		38	11.4	50.5	0		
PHF	.750	.894	.635	.000	.916	.974	.688	.795	.000	.930	.738	.949	.875	.000	.972	.833	.583	.802	.000	.836	.981
Cars	116	857	33	0	1006	185	22	70	0	277	118	826	112	0	1056	70	21	92	0	183	2522
% Cars	99.1	99.1	100	0	99.1	98.9	100	100	0	99.3	100	99.4	100	0	99.5	100	100	98.9	0	99.5	99.3
Trucks	1	8	0	0	9	2	0	0	0	2	0	5	0	0	5	0	0	1	0	1	17
% Trucks	0.9	0.9	0	0	0.9	1.1	0	0	0	0.7	0	0.6	0	0	0.5	0	0	1.1	0	0.5	0.7
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Chillicothe Mall-Zane Plaza Sat 10-24-2020  
Site Code : 794862  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
01:15 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
01:30 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	5
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	8	0	0	8	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	13
05:00 PM	1	2	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
05:15 PM	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	4
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
05:45 PM	0	3	0	0	3	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	5
Total	1	8	0	0	9	2	0	0	0	2	0	5	0	0	5	0	0	1	0	1	17
Grand Total	1	16	0	0	17	2	0	0	0	2	0	10	0	0	10	0	0	1	0	1	30
Apprch %	5.9	94.1	0	0		100	0	0	0		0	100	0	0		0	0	100	0		
Total %	3.3	53.3	0	0	56.7	6.7	0	0	0	6.7	0	33.3	0	0	33.3	0	0	3.3	0	3.3	





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Chillicothe\_Mall-Zane\_Plaza\_(Additional\_Hour)\_804235\_10-22-2020  
Site Code :  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	19	166	10	0	195	21	5	5	0	31	11	171	9	0	191	3	1	8	0	12	429
10:15 AM	22	167	6	0	195	21	4	15	0	40	5	157	20	0	182	14	5	11	0	30	447
10:30 AM	17	181	11	0	209	25	4	16	0	45	15	219	13	0	247	19	7	15	0	41	542
10:45 AM	32	190	4	0	226	39	5	19	0	63	16	213	18	0	247	17	4	9	0	30	566
Total	90	704	31	0	825	106	18	55	0	179	47	760	60	0	867	53	17	43	0	113	1984
Grand Total	90	704	31	0	825	106	18	55	0	179	47	760	60	0	867	53	17	43	0	113	1984
Apprch %	10.9	85.3	3.8	0		59.2	10.1	30.7	0		5.4	87.7	6.9	0		46.9	15	38.1	0		
Total %	4.5	35.5	1.6	0	41.6	5.3	0.9	2.8	0	9	2.4	38.3	3	0	43.7	2.7	0.9	2.2	0	5.7	
Cars	89	680	30	0	799	104	18	55	0	177	46	735	60	0	841	53	17	41	0	111	1928
% Cars	98.9	96.6	96.8	0	96.8	98.1	100	100	0	98.9	97.9	96.7	100	0	97	100	100	95.3	0	98.2	97.2
Trucks	1	24	1	0	26	2	0	0	0	2	1	25	0	0	26	0	0	2	0	2	56
% Trucks	1.1	3.4	3.2	0	3.2	1.9	0	0	0	1.1	2.1	3.3	0	0	3	0	0	4.7	0	1.8	2.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
 Newark, OH 43055  
 (740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Chillicothe\_Mall-Zane\_Plaza\_(Additional\_Hour)\_804235\_10-22-2020  
 Site Code :  
 Start Date : 10/22/2020  
 Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Chillicothe Mall Westbound					Bridge St (SR 159) Northbound					Zane Plaza Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	8	0	0	8	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	16
10:15 AM	0	5	1	0	6	1	0	0	0	1	0	7	0	0	7	0	0	0	0	0	14
10:30 AM	0	3	0	0	3	1	0	0	0	1	1	3	0	0	4	0	0	1	0	1	9
10:45 AM	1	8	0	0	9	0	0	0	0	0	0	7	0	0	7	0	0	1	0	1	17
Total	1	24	1	0	26	2	0	0	0	2	1	25	0	0	26	0	0	2	0	2	56
Grand Total	1	24	1	0	26	2	0	0	0	2	1	25	0	0	26	0	0	2	0	2	56
Apprch %	3.8	92.3	3.8	0		100	0	0	0		3.8	96.2	0	0		0	0	100	0		
Total %	1.8	42.9	1.8	0	46.4	3.6	0	0	0	3.6	1.8	44.6	0	0	46.4	0	0	3.6	0	3.6	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mt Logan Farms Drive Thur 10-15-2020  
Site Code : 794872  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Access Rd Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	95	5	0	100	2	0	2	0	4	6	97	6	0	109	1	0	6	0	7	220
07:15 AM	0	91	4	0	95	2	1	1	0	4	8	136	7	0	151	0	0	9	0	9	259
07:30 AM	1	143	6	0	150	2	0	0	0	2	7	151	7	0	165	3	0	8	0	11	328
07:45 AM	5	128	6	0	139	6	1	0	0	7	11	181	10	0	202	2	0	7	0	9	357
Total	6	457	21	0	484	12	2	3	0	17	32	565	30	0	627	6	0	30	0	36	1164
12:00 PM	6	243	29	0	278	27	2	1	0	30	48	180	38	0	266	22	2	53	0	77	651
12:15 PM	7	205	25	0	237	28	6	2	0	36	50	210	33	0	293	16	1	57	0	74	640
12:30 PM	7	217	28	0	252	23	7	0	0	30	60	221	35	0	316	27	3	66	0	96	694
12:45 PM	3	184	31	0	218	26	4	0	0	30	50	199	42	0	291	26	7	53	0	86	625
Total	23	849	113	0	985	104	19	3	0	126	208	810	148	0	1166	91	13	229	0	333	2610
04:00 PM	4	280	35	0	319	28	2	6	0	36	44	213	27	0	284	21	0	59	0	80	719
04:15 PM	4	251	34	0	289	21	1	3	0	25	39	205	29	0	273	26	2	52	0	80	667
04:30 PM	3	273	38	0	314	30	2	6	0	38	40	177	24	0	241	14	1	65	0	80	673
04:45 PM	4	268	36	0	308	25	3	2	0	30	50	195	27	0	272	16	0	51	0	67	677
Total	15	1072	143	0	1230	104	8	17	0	129	173	790	107	0	1070	77	3	227	0	307	2736
09:00 PM	1	62	1	1	65	3	0	1	1	5	3	75	3	1	82	2	0	2	0	4	156
09:15 PM	0	71	1	0	72	3	0	0	0	3	9	54	0	0	63	0	0	0	0	0	138
09:30 PM	1	55	1	0	57	7	0	0	0	7	2	36	1	1	40	0	0	6	0	6	110
09:45 PM	0	45	0	0	45	4	0	1	0	5	5	41	1	0	47	1	0	6	0	7	104
Total	2	233	3	1	239	17	0	2	1	20	19	206	5	2	232	3	0	14	0	17	508
Grand Total	46	2611	280	1	2938	237	29	25	1	292	432	2371	290	2	3095	177	16	500	0	693	7018
Apprch %	1.6	88.9	9.5	0		81.2	9.9	8.6	0.3		14	76.6	9.4	0.1		25.5	2.3	72.2	0		
Total %	0.7	37.2	4	0	41.9	3.4	0.4	0.4	0	4.2	6.2	33.8	4.1	0	44.1	2.5	0.2	7.1	0	9.9	
Cars	46	2539	274	0	2859	236	29	25	0	290	430	2302	290	0	3022	177	16	494	0	687	6858
% Cars	100	97.2	97.9	0	97.3	99.6	100	100	0	99.3	99.5	97.1	100	0	97.6	100	100	98.8	0	99.1	97.7
Trucks	0	72	6	0	78	1	0	0	0	1	2	69	0	0	71	0	0	6	0	6	156
% Trucks	0	2.8	2.1	0	2.7	0.4	0	0	0	0.3	0.5	2.9	0	0	2.3	0	0	1.2	0	0.9	2.2
Pedestrians	0	0	0	1	1	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	4
% Pedestrians	0	0	0	100	0	0	0	0	100	0.3	0	0	0	100	0.1	0	0	0	0	0	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mt Logan Farms Drive Thur 10-15-2020  
Site Code : 794872  
Start Date : 10/15/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Access Rd Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	95	5	0	100	2	0	2	0	4	6	97	6	0	109	1	0	6	0	7	220
07:15 AM	0	91	4	0	95	2	1	1	0	4	8	136	7	0	151	0	0	9	0	9	259
07:30 AM	1	143	6	0	150	2	0	0	0	2	7	151	7	0	165	3	0	8	0	11	328
07:45 AM	5	128	6	0	139	6	1	0	0	7	11	181	10	0	202	2	0	7	0	9	357
Total Volume	6	457	21	0	484	12	2	3	0	17	32	565	30	0	627	6	0	30	0	36	1164
% App. Total	1.2	94.4	4.3	0		70.6	11.8	17.6	0		5.1	90.1	4.8	0		16.7	0	83.3	0		
PHF	.300	.799	.875	.000	.807	.500	.500	.375	.000	.607	.727	.780	.750	.000	.776	.500	.000	.833	.000	.818	.815
Cars	6	439	20	0	465	12	2	3	0	17	31	542	30	0	603	6	0	26	0	32	1117
% Cars	100	96.1	95.2	0	96.1	100	100	100	0	100	96.9	95.9	100	0	96.2	100	0	86.7	0	88.9	96.0
Trucks	0	18	1	0	19	0	0	0	0	0	1	23	0	0	24	0	0	4	0	4	47
% Trucks	0	3.9	4.8	0	3.9	0	0	0	0	0	3.1	4.1	0	0	3.8	0	0	13.3	0	11.1	4.0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	6	243	29	0	278	27	2	1	0	30	48	180	38	0	266	22	2	53	0	77	651
12:15 PM	7	205	25	0	237	28	6	2	0	36	50	210	33	0	293	16	1	57	0	74	640
12:30 PM	7	217	28	0	252	23	7	0	0	30	60	221	35	0	316	27	3	66	0	96	694
12:45 PM	3	184	31	0	218	26	4	0	0	30	50	199	42	0	291	26	7	53	0	86	625
Total Volume	23	849	113	0	985	104	19	3	0	126	208	810	148	0	1166	91	13	229	0	333	2610
% App. Total	2.3	86.2	11.5	0		82.5	15.1	2.4	0		17.8	69.5	12.7	0		27.3	3.9	68.8	0		
PHF	.821	.873	.911	.000	.886	.929	.679	.375	.000	.875	.867	.916	.881	.000	.922	.843	.464	.867	.000	.867	.940
Cars	23	818	109	0	950	103	19	3	0	125	208	785	148	0	1141	91	13	227	0	331	2547
% Cars	100	96.3	96.5	0	96.4	99.0	100	100	0	99.2	100	96.9	100	0	97.9	100	100	99.1	0	99.4	97.6
Trucks	0	31	4	0	35	1	0	0	0	1	0	25	0	0	25	0	0	2	0	2	63
% Trucks	0	3.7	3.5	0	3.6	1.0	0	0	0	0.8	0	3.1	0	0	2.1	0	0	0.9	0	0.6	2.4
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mt Logan Farms Drive Thur 10-15-2020  
Site Code : 794872  
Start Date : 10/15/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					Access Rd Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	4	280	35	0	319	28	2	6	0	36	44	213	27	0	284	21	0	59	0	80	719
04:15 PM	4	251	34	0	289	21	1	3	0	25	39	205	29	0	273	26	2	52	0	80	667
04:30 PM	3	273	38	0	314	30	2	6	0	38	40	177	24	0	241	14	1	65	0	80	673
04:45 PM	4	268	36	0	308	25	3	2	0	30	50	195	27	0	272	16	0	51	0	67	677
Total Volume	15	1072	143	0	1230	104	8	17	0	129	173	790	107	0	1070	77	3	227	0	307	2736
% App. Total	1.2	87.2	11.6	0		80.6	6.2	13.2	0		16.2	73.8	10	0		25.1	1	73.9	0		
PHF	.938	.957	.941	.000	.964	.867	.667	.708	.000	.849	.865	.927	.922	.000	.942	.740	.375	.873	.000	.959	.951
Cars	15	1052	142	0	1209	104	8	17	0	129	172	772	107	0	1051	77	3	227	0	307	2696
% Cars	100	98.1	99.3	0	98.3	100	100	100	0	100	99.4	97.7	100	0	98.2	100	100	100	0	100	98.5
Trucks	0	20	1	0	21	0	0	0	0	0	1	18	0	0	19	0	0	0	0	0	40
% Trucks	0	1.9	0.7	0	1.7	0	0	0	0	0	0.6	2.3	0	0	1.8	0	0	0	0	0	1.5
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	1	62	1	1	65	3	0	1	1	5	3	75	3	1	82	2	0	2	0	4	156
09:15 PM	0	71	1	0	72	3	0	0	0	3	9	54	0	0	63	0	0	0	0	0	138
09:30 PM	1	55	1	0	57	7	0	0	0	7	2	36	1	1	40	0	0	6	0	6	110
09:45 PM	0	45	0	0	45	4	0	1	0	5	5	41	1	0	47	1	0	6	0	7	104
Total Volume	2	233	3	1	239	17	0	2	1	20	19	206	5	2	232	3	0	14	0	17	508
% App. Total	0.8	97.5	1.3	0.4		85	0	10	5		8.2	88.8	2.2	0.9		17.6	0	82.4	0		
PHF	.500	.820	.750	.250	.830	.607	.000	.500	.250	.714	.528	.687	.417	.500	.707	.375	.000	.583	.000	.607	.814
Cars	2	230	3	0	235	17	0	2	0	19	19	203	5	0	227	3	0	14	0	17	498
% Cars	100	98.7	100	0	98.3	100	0	100	0	95.0	100	98.5	100	0	97.8	100	0	100	0	100	98.0
Trucks	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
% Trucks	0	1.3	0	0	1.3	0	0	0	0	0	0	1.5	0	0	1.3	0	0	0	0	0	1.2
Pedestrians	0	0	0	1	1	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	4
% Pedestrians	0	0	0	100	0.4	0	0	0	100	5.0	0	0	0	100	0.9	0	0	0	0	0	0.8



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mt Logan Farms Drive Thur 10-15-2020  
Site Code : 794872  
Start Date : 10/15/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Access Rd Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	6	0	0	6	0	0	0	0	0	0	2	0	0	2	0	0	2	0	2	10
07:15 AM	0	2	0	0	2	0	0	0	0	0	1	7	0	0	8	0	0	2	0	2	12
07:30 AM	0	7	1	0	8	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	16
07:45 AM	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	9
Total	0	18	1	0	19	0	0	0	0	0	1	23	0	0	24	0	0	4	0	4	47
12:00 PM	0	10	0	0	10	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	15
12:15 PM	0	5	2	0	7	0	0	0	0	0	0	7	0	0	7	0	0	1	0	1	15
12:30 PM	0	7	2	0	9	1	0	0	0	1	0	8	0	0	8	0	0	1	0	1	19
12:45 PM	0	9	0	0	9	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	14
Total	0	31	4	0	35	1	0	0	0	1	0	25	0	0	25	0	0	2	0	2	63
04:00 PM	0	7	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	10
04:15 PM	0	6	0	0	6	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	10
04:30 PM	0	4	0	0	4	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	11
04:45 PM	0	3	1	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
Total	0	20	1	0	21	0	0	0	0	0	1	18	0	0	19	0	0	0	0	0	40
09:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
Grand Total	0	72	6	0	78	1	0	0	0	1	2	69	0	0	71	0	0	6	0	6	156
Apprch %	0	92.3	7.7	0		100	0	0	0		2.8	97.2	0	0		0	0	100	0		
Total %	0	46.2	3.8	0	50	0.6	0	0	0	0.6	1.3	44.2	0	0	45.5	0	0	3.8	0	3.8	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mt Logan Farms Drive Sat 10-17-2020  
Site Code : 794872  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Access Rd Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	10	209	40	0	259	36	5	8	0	49	63	194	40	0	297	24	2	69	0	95	700
01:15 PM	10	218	39	0	267	39	6	13	0	58	65	228	44	0	337	28	2	70	1	101	763
01:30 PM	8	272	27	0	307	38	5	6	0	49	72	207	47	0	326	22	3	89	0	114	796
01:45 PM	2	213	21	0	236	31	6	3	0	40	66	228	51	0	345	23	8	62	0	93	714
Total	30	912	127	0	1069	144	22	30	0	196	266	857	182	0	1305	97	15	290	1	403	2973
05:00 PM	3	218	28	0	249	35	3	6	0	44	47	238	43	0	328	18	3	51	0	72	693
05:15 PM	5	200	21	0	226	28	6	4	0	38	49	161	27	0	237	19	1	43	0	63	564
05:30 PM	3	194	21	0	218	19	3	6	0	28	39	160	29	0	228	21	1	43	1	66	540
05:45 PM	10	190	27	0	227	26	4	6	0	36	35	167	21	0	223	14	2	56	0	72	558
Total	21	802	97	0	920	108	16	22	0	146	170	726	120	0	1016	72	7	193	1	273	2355
Grand Total	51	1714	224	0	1989	252	38	52	0	342	436	1583	302	0	2321	169	22	483	2	676	5328
Apprch %	2.6	86.2	11.3	0		73.7	11.1	15.2	0		18.8	68.2	13	0		25	3.3	71.4	0.3		
Total %	1	32.2	4.2	0	37.3	4.7	0.7	1	0	6.4	8.2	29.7	5.7	0	43.6	3.2	0.4	9.1	0	12.7	
Cars	51	1696	222	0	1969	252	38	52	0	342	436	1571	302	0	2309	169	22	483	0	674	5294
% Cars	100	98.9	99.1	0	99	100	100	100	0	100	100	99.2	100	0	99.5	100	100	100	0	99.7	99.4
Trucks	0	18	2	0	20	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	32
% Trucks	0	1.1	0.9	0	1	0	0	0	0	0	0	0.8	0	0	0.5	0	0	0	0	0	0.6
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.3	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mt Logan Farms Drive Sat 10-17-2020  
Site Code : 794872  
Start Date : 10/17/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Access Rd Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	10	209	40	0	259	36	5	8	0	49	63	194	40	0	297	24	2	69	0	95	700
01:15 PM	10	218	39	0	267	39	6	13	0	58	65	228	44	0	337	28	2	70	1	101	763
01:30 PM	8	272	27	0	307	38	5	6	0	49	72	207	47	0	326	22	3	89	0	114	796
01:45 PM	2	213	21	0	236	31	6	3	0	40	66	228	51	0	345	23	8	62	0	93	714
Total Volume	30	912	127	0	1069	144	22	30	0	196	266	857	182	0	1305	97	15	290	1	403	2973
% App. Total	2.8	85.3	11.9	0		73.5	11.2	15.3	0		20.4	65.7	13.9	0		24.1	3.7	72	0.2		
PHF	.750	.838	.794	.000	.871	.923	.917	.577	.000	.845	.924	.940	.892	.000	.946	.866	.469	.815	.250	.884	.934
Cars	30	899	126	0	1055	144	22	30	0	196	266	850	182	0	1298	97	15	290	0	402	2951
% Cars	100	98.6	99.2	0	98.7	100	100	100	0	100	100	99.2	100	0	99.5	100	100	100	0	99.8	99.3
Trucks	0	13	1	0	14	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	21
% Trucks	0	1.4	0.8	0	1.3	0	0	0	0	0	0	0.8	0	0	0.5	0	0	0	0	0	0.7
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.2	0.0
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	3	218	28	0	249	35	3	6	0	44	47	238	43	0	328	18	3	51	0	72	693
05:15 PM	5	200	21	0	226	28	6	4	0	38	49	161	27	0	237	19	1	43	0	63	564
05:30 PM	3	194	21	0	218	19	3	6	0	28	39	160	29	0	228	21	1	43	1	66	540
05:45 PM	10	190	27	0	227	26	4	6	0	36	35	167	21	0	223	14	2	56	0	72	558
Total Volume	21	802	97	0	920	108	16	22	0	146	170	726	120	0	1016	72	7	193	1	273	2355
% App. Total	2.3	87.2	10.5	0		74	11	15.1	0		16.7	71.5	11.8	0		26.4	2.6	70.7	0.4		
PHF	.525	.920	.866	.000	.924	.771	.667	.917	.000	.830	.867	.763	.698	.000	.774	.857	.583	.862	.250	.948	.850
Cars	21	797	96	0	914	108	16	22	0	146	170	721	120	0	1011	72	7	193	0	272	2343
% Cars	100	99.4	99.0	0	99.3	100	100	100	0	100	100	99.3	100	0	99.5	100	100	100	0	99.6	99.5
Trucks	0	5	1	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	11
% Trucks	0	0.6	1.0	0	0.7	0	0	0	0	0	0	0.7	0	0	0.5	0	0	0	0	0	0.5
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.4	0.0





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mt Logan Farms Drive Sat 10-17-2020  
Site Code : 794872  
Start Date : 10/17/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Access Rd Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
01:15 PM	0	5	1	0	6	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	8
01:30 PM	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	7
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	13	1	0	14	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	21
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
05:30 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
05:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	5	1	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	11
Grand Total	0	18	2	0	20	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	32
Apprch %	0	90	10	0		0	0	0	0	0	0	100	0	0		0	0	0	0	0	
Total %	0	56.2	6.2	0	62.5	0	0	0	0	0	0	37.5	0	0	37.5	0	0	0	0	0	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Mt\_Logan\_Farms\_Drive\_(Additional\_Hour)\_804234\_10-15-2020

Site Code :

Start Date : 10/15/2020

Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Guernsey Crossing Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	2	180	16	1	199	10	0	3	0	13	39	167	16	0	222	10	2	31	1	44	478
10:15 AM	5	170	24	0	199	15	1	3	0	19	44	164	21	0	229	8	0	36	0	44	491
10:30 AM	1	200	13	0	214	12	2	2	0	16	51	149	21	0	221	18	1	32	0	51	502
10:45 AM	9	219	24	0	252	12	2	1	0	15	37	188	30	0	255	18	1	56	0	75	597
Total	17	769	77	1	864	49	5	9	0	63	171	668	88	0	927	54	4	155	1	214	2068
Grand Total	17	769	77	1	864	49	5	9	0	63	171	668	88	0	927	54	4	155	1	214	2068
Apprch %	2	89	8.9	0.1		77.8	7.9	14.3	0		18.4	72.1	9.5	0		25.2	1.9	72.4	0.5		
Total %	0.8	37.2	3.7	0	41.8	2.4	0.2	0.4	0	3	8.3	32.3	4.3	0	44.8	2.6	0.2	7.5	0	10.3	
Cars	16	730	75	0	821	49	5	9	0	63	170	648	88	0	906	50	4	153	0	207	1997
% Cars	94.1	94.9	97.4	0	95	100	100	100	0	100	99.4	97	100	0	97.7	92.6	100	98.7	0	96.7	96.6
Trucks	1	39	2	0	42	0	0	0	0	0	1	20	0	0	21	4	0	2	0	6	69
% Trucks	5.9	5.1	2.6	0	4.9	0	0	0	0	0	0.6	3	0	0	2.3	7.4	0	1.3	0	2.8	3.3
Pedestrians	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
% Pedestrians	0	0	0	100	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.5	0.1



# Smart Services Inc.

88 W. Church Street  
 Newark, OH 43055  
 (740) 345-4700

File Name : Bridge\_Street\_(SR\_159)\_&\_Mt\_Logan\_Farms\_Drive\_(Additional\_Hour)\_804234\_10-15-2020

Site Code :

Start Date : 10/15/2020

Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Guernsey Crossing Westbound					Bridge St (SR 159) Northbound					Mt Logan Farms Dr Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
10:00 AM	0	11	1	0	12	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	16
10:15 AM	1	6	1	0	8	0	0	0	0	0	1	6	0	0	7	0	0	2	0	2	17
10:30 AM	0	12	0	0	12	0	0	0	0	0	0	6	0	0	6	3	0	0	0	3	21
10:45 AM	0	10	0	0	10	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	15
Total	1	39	2	0	42	0	0	0	0	0	1	20	0	0	21	4	0	2	0	6	69
Grand Total	1	39	2	0	42	0	0	0	0	0	1	20	0	0	21	4	0	2	0	6	69
Apprch %	2.4	92.9	4.8	0		0	0	0	0		4.8	95.2	0	0		66.7	0	33.3	0		
Total %	1.4	56.5	2.9	0	60.9	0	0	0	0	0	1.4	29	0	0	30.4	5.8	0	2.9	0	8.7	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Seney Road Thur 10-22-2020  
Site Code : 794901  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Seney Rd Westbound					Bridge St (SR 159) Northbound					Seney Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	4	98	1	0	103	2	0	4	0	6	3	80	2	0	85	1	0	0	0	1	195
07:15 AM	6	107	0	0	113	1	0	5	0	6	1	154	5	0	160	0	0	0	0	0	279
07:30 AM	5	114	2	0	121	4	0	5	0	9	2	147	3	0	152	0	0	1	0	1	283
07:45 AM	8	137	0	0	145	1	0	3	0	4	3	169	3	0	175	1	0	0	0	1	325
Total	23	456	3	0	482	8	0	17	0	25	9	550	13	0	572	2	0	1	0	3	1082
12:00 PM	22	248	3	0	273	24	2	15	0	41	12	177	11	0	200	4	1	12	0	17	531
12:15 PM	14	227	4	0	245	12	0	13	0	25	12	224	14	0	250	2	0	13	0	15	535
12:30 PM	13	209	2	0	224	15	0	23	0	38	8	238	18	0	264	3	0	8	2	13	539
12:45 PM	9	186	6	0	201	14	1	19	0	34	8	213	21	0	242	2	0	7	0	9	486
Total	58	870	15	0	943	65	3	70	0	138	40	852	64	0	956	11	1	40	2	54	2091
04:00 PM	22	296	6	0	324	2	0	13	0	15	21	207	11	0	239	5	0	15	0	20	598
04:15 PM	13	263	7	0	283	11	1	12	0	24	13	190	17	0	220	2	1	21	0	24	551
04:30 PM	10	270	3	0	283	13	1	13	0	27	10	180	15	0	205	5	1	11	0	17	532
04:45 PM	16	245	14	0	275	16	1	19	0	36	14	192	14	0	220	4	1	17	0	22	553
Total	61	1074	30	0	1165	42	3	57	0	102	58	769	57	0	884	16	3	64	0	83	2234
09:00 PM	0	48	0	0	48	5	0	1	0	6	2	60	3	0	65	0	0	9	0	9	128
09:15 PM	2	44	1	0	47	1	0	1	0	2	2	51	5	0	58	5	0	10	0	15	122
09:30 PM	1	55	1	0	57	1	0	1	0	2	1	50	2	0	53	2	0	9	0	11	123
09:45 PM	0	29	0	0	29	2	0	2	0	4	0	47	0	0	47	3	0	5	1	9	89
Total	3	176	2	0	181	9	0	5	0	14	5	208	10	0	223	10	0	33	1	44	462
Grand Total	145	2576	50	0	2771	124	6	149	0	279	112	2379	144	0	2635	39	4	138	3	184	5869
Apprch %	5.2	93	1.8	0		44.4	2.2	53.4	0		4.3	90.3	5.5	0		21.2	2.2	75	1.6		
Total %	2.5	43.9	0.9	0	47.2	2.1	0.1	2.5	0	4.8	1.9	40.5	2.5	0	44.9	0.7	0.1	2.4	0.1	3.1	
Cars	139	2517	46	0	2702	120	6	138	0	264	109	2300	140	0	2549	36	4	134	0	174	5689
% Cars	95.9	97.7	92	0	97.5	96.8	100	92.6	0	94.6	97.3	96.7	97.2	0	96.7	92.3	100	97.1	0	94.6	96.9
Trucks	6	59	4	0	69	4	0	11	0	15	3	79	4	0	86	3	0	4	0	7	177
% Trucks	4.1	2.3	8	0	2.5	3.2	0	7.4	0	5.4	2.7	3.3	2.8	0	3.3	7.7	0	2.9	0	3.8	3
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.6	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Seney Road Thur 10-22-2020  
Site Code : 794901  
Start Date : 10/22/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Seney Rd Westbound					Bridge St (SR 159) Northbound					Seney Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	4	98	1	0	103	2	0	4	0	6	3	80	2	0	85	1	0	0	0	1	195
07:15 AM	6	107	0	0	113	1	0	5	0	6	1	154	5	0	160	0	0	0	0	0	279
07:30 AM	5	114	2	0	121	4	0	5	0	9	2	147	3	0	152	0	0	1	0	1	283
07:45 AM	8	137	0	0	145	1	0	3	0	4	3	169	3	0	175	1	0	0	0	1	325
Total Volume	23	456	3	0	482	8	0	17	0	25	9	550	13	0	572	2	0	1	0	3	1082
% App. Total	4.8	94.6	0.6	0		32	0	68	0		1.6	96.2	2.3	0		66.7	0	33.3	0		
PHF	.719	.832	.375	.000	.831	.500	.000	.850	.000	.694	.750	.814	.650	.000	.817	.500	.000	.250	.000	.750	.832
Cars	20	442	1	0	463	5	0	15	0	20	8	526	12	0	546	1	0	1	0	2	1031
% Cars	87.0	96.9	33.3	0	96.1	62.5	0	88.2	0	80.0	88.9	95.6	92.3	0	95.5	50.0	0	100	0	66.7	95.3
Trucks	3	14	2	0	19	3	0	2	0	5	1	24	1	0	26	1	0	0	0	1	51
% Trucks	13.0	3.1	66.7	0	3.9	37.5	0	11.8	0	20.0	11.1	4.4	7.7	0	4.5	50.0	0	0	0	33.3	4.7
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	22	248	3	0	273	24	2	15	0	41	12	177	11	0	200	4	1	12	0	17	531
12:15 PM	14	227	4	0	245	12	0	13	0	25	12	224	14	0	250	2	0	13	0	15	535
12:30 PM	13	209	2	0	224	15	0	23	0	38	8	238	18	0	264	3	0	8	2	13	539
12:45 PM	9	186	6	0	201	14	1	19	0	34	8	213	21	0	242	2	0	7	0	9	486
Total Volume	58	870	15	0	943	65	3	70	0	138	40	852	64	0	956	11	1	40	2	54	2091
% App. Total	6.2	92.3	1.6	0		47.1	2.2	50.7	0		4.2	89.1	6.7	0		20.4	1.9	74.1	3.7		
PHF	.659	.877	.625	.000	.864	.677	.375	.761	.000	.841	.833	.895	.762	.000	.905	.688	.250	.769	.250	.794	.970
Cars	55	848	15	0	918	64	3	62	0	129	38	824	62	0	924	10	1	36	0	47	2018
% Cars	94.8	97.5	100	0	97.3	98.5	100	88.6	0	93.5	95.0	96.7	96.9	0	96.7	90.9	100	90.0	0	87.0	96.5
Trucks	3	22	0	0	25	1	0	8	0	9	2	28	2	0	32	1	0	4	0	5	71
% Trucks	5.2	2.5	0	0	2.7	1.5	0	11.4	0	6.5	5.0	3.3	3.1	0	3.3	9.1	0	10.0	0	9.3	3.4
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	3.7	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Seney Road Thur 10-22-2020  
Site Code : 794901  
Start Date : 10/22/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					Seney Rd Westbound					Bridge St (SR 159) Northbound					Seney Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	22	296	6	0	324	2	0	13	0	15	21	207	11	0	239	5	0	15	0	20	598
04:15 PM	13	263	7	0	283	11	1	12	0	24	13	190	17	0	220	2	1	21	0	24	551
04:30 PM	10	270	3	0	283	13	1	13	0	27	10	180	15	0	205	5	1	11	0	17	532
04:45 PM	16	245	14	0	275	16	1	19	0	36	14	192	14	0	220	4	1	17	0	22	553
Total Volume	61	1074	30	0	1165	42	3	57	0	102	58	769	57	0	884	16	3	64	0	83	2234
% App. Total	5.2	92.2	2.6	0		41.2	2.9	55.9	0		6.6	87	6.4	0		19.3	3.6	77.1	0		
PHF	.693	.907	.536	.000	.899	.656	.750	.750	.000	.708	.690	.929	.838	.000	.925	.800	.750	.762	.000	.865	.934
Cars	61	1055	29	0	1145	42	3	56	0	101	58	747	56	0	861	15	3	64	0	82	2189
% Cars	100	98.2	96.7	0	98.3	100	100	98.2	0	99.0	100	97.1	98.2	0	97.4	93.8	100	100	0	98.8	98.0
Trucks	0	19	1	0	20	0	0	1	0	1	0	22	1	0	23	1	0	0	0	1	45
% Trucks	0	1.8	3.3	0	1.7	0	0	1.8	0	1.0	0	2.9	1.8	0	2.6	6.3	0	0	0	1.2	2.0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	0	48	0	0	48	5	0	1	0	6	2	60	3	0	65	0	0	9	0	9	128
09:15 PM	2	44	1	0	47	1	0	1	0	2	2	51	5	0	58	5	0	10	0	15	122
09:30 PM	1	55	1	0	57	1	0	1	0	2	1	50	2	0	53	2	0	9	0	11	123
09:45 PM	0	29	0	0	29	2	0	2	0	4	0	47	0	0	47	3	0	5	1	9	89
Total Volume	3	176	2	0	181	9	0	5	0	14	5	208	10	0	223	10	0	33	1	44	462
% App. Total	1.7	97.2	1.1	0		64.3	0	35.7	0		2.2	93.3	4.5	0		22.7	0	75	2.3		
PHF	.375	.800	.500	.000	.794	.450	.000	.625	.000	.583	.625	.867	.500	.000	.858	.500	.000	.825	.250	.733	.902
Cars	3	172	1	0	176	9	0	5	0	14	5	203	10	0	218	10	0	33	0	43	451
% Cars	100	97.7	50.0	0	97.2	100	0	100	0	100	100	97.6	100	0	97.8	100	0	100	0	97.7	97.6
Trucks	0	4	1	0	5	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	10
% Trucks	0	2.3	50.0	0	2.8	0	0	0	0	0	0	2.4	0	0	2.2	0	0	0	0	0	2.2
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	2.3	0.2



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Seney Road Thur 10-22-2020  
Site Code : 794901  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Seney Rd Westbound					Bridge St (SR 159) Northbound					Seney Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	1	2	0	0	3	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	7
07:15 AM	0	3	0	0	3	0	0	0	0	0	0	5	1	0	6	0	0	0	0	0	9
07:30 AM	2	5	2	0	9	3	0	1	0	4	0	9	0	0	9	0	0	0	0	0	22
07:45 AM	0	4	0	0	4	0	0	1	0	1	0	7	0	0	7	1	0	0	0	1	13
Total	3	14	2	0	19	3	0	2	0	5	1	24	1	0	26	1	0	0	0	1	51
12:00 PM	0	9	0	0	9	1	0	1	0	2	1	4	0	0	5	0	0	0	0	0	16
12:15 PM	1	6	0	0	7	0	0	1	0	1	1	6	0	0	7	0	0	2	0	2	17
12:30 PM	2	4	0	0	6	0	0	3	0	3	0	13	1	0	14	0	0	1	0	1	24
12:45 PM	0	3	0	0	3	0	0	3	0	3	0	5	1	0	6	1	0	1	0	2	14
Total	3	22	0	0	25	1	0	8	0	9	2	28	2	0	32	1	0	4	0	5	71
04:00 PM	0	6	0	0	6	0	0	1	0	1	0	7	0	0	7	0	0	0	0	0	14
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	8
04:30 PM	0	6	1	0	7	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	12
04:45 PM	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	11
Total	0	19	1	0	20	0	0	1	0	1	0	22	1	0	23	1	0	0	0	1	45
09:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
09:15 PM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
09:45 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
Total	0	4	1	0	5	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	10
Grand Total	6	59	4	0	69	4	0	11	0	15	3	79	4	0	86	3	0	4	0	7	177
Apprch %	8.7	85.5	5.8	0		26.7	0	73.3	0		3.5	91.9	4.7	0		42.9	0	57.1	0		
Total %	3.4	33.3	2.3	0	39	2.3	0	6.2	0	8.5	1.7	44.6	2.3	0	48.6	1.7	0	2.3	0	4	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Seney Road Sat 10-24-2020  
Site Code : 794901  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Seney Rd Westbound					Bridge St (SR 159) Northbound					Seney Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	11	171	1	0	183	19	0	14	0	33	15	168	12	0	195	5	2	15	1	23	434
01:15 PM	5	156	4	0	165	13	0	16	0	29	20	169	11	0	200	7	2	17	1	27	421
01:30 PM	6	156	8	0	170	15	2	15	0	32	18	180	18	0	216	3	0	17	0	20	438
01:45 PM	11	172	6	0	189	18	2	14	0	34	18	181	17	0	216	4	2	18	0	24	463
Total	33	655	19	0	707	65	4	59	0	128	71	698	58	0	827	19	6	67	2	94	1756
05:00 PM	12	135	6	0	153	20	1	14	0	35	16	162	26	0	204	9	1	23	0	33	425
05:15 PM	10	200	10	0	220	14	0	9	0	23	15	149	15	0	179	10	0	15	0	25	447
05:30 PM	19	144	10	0	173	13	1	16	0	30	31	159	18	0	208	5	1	27	0	33	444
05:45 PM	8	167	8	0	183	18	4	6	0	28	24	162	10	0	196	6	1	20	0	27	434
Total	49	646	34	0	729	65	6	45	0	116	86	632	69	0	787	30	3	85	0	118	1750
Grand Total	82	1301	53	0	1436	130	10	104	0	244	157	1330	127	0	1614	49	9	152	2	212	3506
Apprch %	5.7	90.6	3.7	0		53.3	4.1	42.6	0		9.7	82.4	7.9	0		23.1	4.2	71.7	0.9		
Total %	2.3	37.1	1.5	0	41	3.7	0.3	3	0	7	4.5	37.9	3.6	0	46	1.4	0.3	4.3	0.1	6	
Cars	78	1286	53	0	1417	130	10	100	0	240	157	1320	127	0	1604	49	9	152	0	210	3471
% Cars	95.1	98.8	100	0	98.7	100	100	96.2	0	98.4	100	99.2	100	0	99.4	100	100	100	0	99.1	99
Trucks	4	15	0	0	19	0	0	4	0	4	0	10	0	0	10	0	0	0	0	0	33
% Trucks	4.9	1.2	0	0	1.3	0	0	3.8	0	1.6	0	0.8	0	0	0.6	0	0	0	0	0	0.9
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.9	0.1





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Seney Road Sat 10-24-2020  
Site Code : 794901  
Start Date : 10/24/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Seney Rd Westbound					Bridge St (SR 159) Northbound					Seney Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	11	171	1	0	183	19	0	14	0	33	15	168	12	0	195	5	2	15	1	23	434
01:15 PM	5	156	4	0	165	13	0	16	0	29	20	169	11	0	200	7	2	17	1	27	421
01:30 PM	6	156	8	0	170	15	2	15	0	32	18	180	18	0	216	3	0	17	0	20	438
01:45 PM	11	172	6	0	189	18	2	14	0	34	18	181	17	0	216	4	2	18	0	24	463
Total Volume	33	655	19	0	707	65	4	59	0	128	71	698	58	0	827	19	6	67	2	94	1756
% App. Total	4.7	92.6	2.7	0		50.8	3.1	46.1	0		8.6	84.4	7	0		20.2	6.4	71.3	2.1		
PHF	.750	.952	.594	.000	.935	.855	.500	.922	.000	.941	.888	.964	.806	.000	.957	.679	.750	.931	.500	.870	.948
Cars	33	645	19	0	697	65	4	55	0	124	71	691	58	0	820	19	6	67	0	92	1733
% Cars	100	98.5	100	0	98.6	100	100	93.2	0	96.9	100	99.0	100	0	99.2	100	100	100	0	97.9	98.7
Trucks	0	10	0	0	10	0	0	4	0	4	0	7	0	0	7	0	0	0	0	0	21
% Trucks	0	1.5	0	0	1.4	0	0	6.8	0	3.1	0	1.0	0	0	0.8	0	0	0	0	0	1.2
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	2.1	0.1
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	12	135	6	0	153	20	1	14	0	35	16	162	26	0	204	9	1	23	0	33	425
05:15 PM	10	200	10	0	220	14	0	9	0	23	15	149	15	0	179	10	0	15	0	25	447
05:30 PM	19	144	10	0	173	13	1	16	0	30	31	159	18	0	208	5	1	27	0	33	444
05:45 PM	8	167	8	0	183	18	4	6	0	28	24	162	10	0	196	6	1	20	0	27	434
Total Volume	49	646	34	0	729	65	6	45	0	116	86	632	69	0	787	30	3	85	0	118	1750
% App. Total	6.7	88.6	4.7	0		56	5.2	38.8	0		10.9	80.3	8.8	0		25.4	2.5	72	0		
PHF	.645	.808	.850	.000	.828	.813	.375	.703	.000	.829	.694	.975	.663	.000	.946	.750	.750	.787	.000	.894	.979
Cars	45	641	34	0	720	65	6	45	0	116	86	629	69	0	784	30	3	85	0	118	1738
% Cars	91.8	99.2	100	0	98.8	100	100	100	0	100	100	99.5	100	0	99.6	100	100	100	0	100	99.3
Trucks	4	5	0	0	9	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	12
% Trucks	8.2	0.8	0	0	1.2	0	0	0	0	0	0	0.5	0	0	0.4	0	0	0	0	0	0.7
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Seney Road Sat 10-24-2020  
Site Code : 794901  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Seney Rd Westbound					Bridge St (SR 159) Northbound					Seney Rd Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	1	0	0	1	0	0	2	0	2	0	2	0	0	2	0	0	0	0	0	5
01:15 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
01:30 PM	0	6	0	0	6	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	8
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	10	0	0	10	0	0	4	0	4	0	7	0	0	7	0	0	0	0	0	21
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	4	1	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
Total	4	5	0	0	9	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	12
Grand Total	4	15	0	0	19	0	0	4	0	4	0	10	0	0	10	0	0	0	0	0	33
Apprch %	21.1	78.9	0	0		0	0	100	0		0	100	0	0		0	0	0	0	0	
Total %	12.1	45.5	0	0	57.6	0	0	12.1	0	12.1	0	30.3	0	0	30.3	0	0	0	0	0	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mendards Entrance-Bridge Street Craft Mall Thur 10-22-2020  
Site Code : 794868  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Bridge St Craft Mall Westbound					Bridge St (SR 159) Northbound					Menards Entrance Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	98	2	0	100	0	0	0	0	0	4	79	0	0	83	2	0	0	0	2	185
07:15 AM	0	112	3	0	115	0	0	0	0	0	4	150	0	0	154	2	0	3	0	5	274
07:30 AM	0	111	0	0	111	0	0	0	0	0	11	139	0	0	150	1	0	11	0	12	273
07:45 AM	0	138	1	0	139	0	0	0	0	0	6	168	0	0	174	0	0	7	0	7	320
Total	0	459	6	0	465	0	0	0	0	0	25	536	0	0	561	5	0	21	0	26	1052
12:00 PM	1	250	5	0	256	1	1	0	0	2	24	164	2	0	190	10	0	20	0	30	478
12:15 PM	0	220	2	0	222	2	0	0	0	2	27	199	2	0	228	9	0	19	0	28	480
12:30 PM	0	203	4	0	207	1	0	1	0	2	28	223	3	0	254	13	0	21	2	36	499
12:45 PM	0	183	2	0	185	2	0	0	0	2	25	197	2	0	224	7	1	16	0	24	435
Total	1	856	13	0	870	6	1	1	0	8	104	783	9	0	896	39	1	76	2	118	1892
04:00 PM	1	280	6	0	287	1	0	0	0	1	22	196	2	0	220	10	0	29	0	39	547
04:15 PM	1	277	3	0	281	2	0	0	0	2	27	165	1	0	193	7	0	10	0	17	493
04:30 PM	0	273	1	0	274	1	0	0	0	1	24	175	0	0	199	8	0	12	0	20	494
04:45 PM	3	251	1	0	255	1	0	0	0	1	23	165	2	0	190	8	0	22	0	30	476
Total	5	1081	11	0	1097	5	0	0	0	5	96	701	5	0	802	33	0	73	0	106	2010
09:00 PM	0	47	0	0	47	0	0	0	0	0	1	57	0	0	58	1	0	1	0	2	107
09:15 PM	0	42	0	0	42	0	0	0	0	0	3	54	0	0	57	3	0	3	0	6	105
09:30 PM	0	42	0	0	42	0	0	0	0	0	0	58	0	0	58	1	0	11	0	12	112
09:45 PM	0	21	0	0	21	0	0	0	0	0	1	50	0	0	51	0	0	7	1	8	80
Total	0	152	0	0	152	0	0	0	0	0	5	219	0	0	224	5	0	22	1	28	404
Grand Total	6	2548	30	0	2584	11	1	1	0	13	230	2239	14	0	2483	82	1	192	3	278	5358
Apprch %	0.2	98.6	1.2	0		84.6	7.7	7.7	0		9.3	90.2	0.6	0		29.5	0.4	69.1	1.1		
Total %	0.1	47.6	0.6	0	48.2	0.2	0	0	0	0.2	4.3	41.8	0.3	0	46.3	1.5	0	3.6	0.1	5.2	
Cars	6	2477	29	0	2512	11	1	1	0	13	221	2145	14	0	2380	79	1	189	0	269	5174
% Cars	100	97.2	96.7	0	97.2	100	100	100	0	100	96.1	95.8	100	0	95.9	96.3	100	98.4	0	96.8	96.6
Trucks	0	71	1	0	72	0	0	0	0	0	9	94	0	0	103	3	0	3	0	6	181
% Trucks	0	2.8	3.3	0	2.8	0	0	0	0	0	3.9	4.2	0	0	4.1	3.7	0	1.6	0	2.2	3.4
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.1	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mendards Entrance-Bridge Street Craft Mall Thur 10-22-2020  
Site Code : 794868  
Start Date : 10/22/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Bridge St Craft Mall Westbound					Bridge St (SR 159) Northbound					Menards Entrance Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 07:00 AM to 10:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	98	2	0	100	0	0	0	0	0	4	79	0	0	83	2	0	0	0	2	185
07:15 AM	0	112	3	0	115	0	0	0	0	0	4	150	0	0	154	2	0	3	0	5	274
07:30 AM	0	111	0	0	111	0	0	0	0	0	11	139	0	0	150	1	0	11	0	12	273
07:45 AM	0	138	1	0	139	0	0	0	0	0	6	168	0	0	174	0	0	7	0	7	320
Total Volume	0	459	6	0	465	0	0	0	0	0	25	536	0	0	561	5	0	21	0	26	1052
% App. Total	0	98.7	1.3	0		0	0	0	0	0	4.5	95.5	0	0		19.2	0	80.8	0		
PHF	.000	.832	.500	.000	.836	.000	.000	.000	.000	.000	.568	.798	.000	.000	.806	.625	.000	.477	.000	.542	.822
Cars	0	443	6	0	449	0	0	0	0	0	21	509	0	0	530	5	0	18	0	23	1002
% Cars	0	96.5	100	0	96.6	0	0	0	0	0	84.0	95.0	0	0	94.5	100	0	85.7	0	88.5	95.2
Trucks	0	16	0	0	16	0	0	0	0	0	4	27	0	0	31	0	0	3	0	3	50
% Trucks	0	3.5	0	0	3.4	0	0	0	0	0	16.0	5.0	0	0	5.5	0	0	14.3	0	11.5	4.8
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 11:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	1	250	5	0	256	1	1	0	0	2	24	164	2	0	190	10	0	20	0	30	478
12:15 PM	0	220	2	0	222	2	0	0	0	2	27	199	2	0	228	9	0	19	0	28	480
12:30 PM	0	203	4	0	207	1	0	1	0	2	28	223	3	0	254	13	0	21	2	36	499
12:45 PM	0	183	2	0	185	2	0	0	0	2	25	197	2	0	224	7	1	16	0	24	435
Total Volume	1	856	13	0	870	6	1	1	0	8	104	783	9	0	896	39	1	76	2	118	1892
% App. Total	0.1	98.4	1.5	0		75	12.5	12.5	0		11.6	87.4	1	0		33.1	0.8	64.4	1.7		
PHF	.250	.856	.650	.000	.850	.750	.250	.250	.000	1.00	.929	.878	.750	.000	.882	.750	.250	.905	.250	.819	.948
Cars	1	828	13	0	842	6	1	1	0	8	100	747	9	0	856	39	1	76	0	116	1822
% Cars	100	96.7	100	0	96.8	100	100	100	0	100	96.2	95.4	100	0	95.5	100	100	100	0	98.3	96.3
Trucks	0	28	0	0	28	0	0	0	0	0	4	36	0	0	40	0	0	0	0	0	68
% Trucks	0	3.3	0	0	3.2	0	0	0	0	0	3.8	4.6	0	0	4.5	0	0	0	0	0	3.6
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.7	0.1



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mendards Entrance-Bridge Street Craft Mall Thur 10-22-2020  
Site Code : 794868  
Start Date : 10/22/2020  
Page No : 3

Start Time	Bridge St (SR 159) Southbound					Bridge St Craft Mall Westbound					Bridge St (SR 159) Northbound					Menards Entrance Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 03:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	1	280	6	0	287	1	0	0	0	1	22	196	2	0	220	10	0	29	0	39	547
04:15 PM	1	277	3	0	281	2	0	0	0	2	27	165	1	0	193	7	0	10	0	17	493
04:30 PM	0	273	1	0	274	1	0	0	0	1	24	175	0	0	199	8	0	12	0	20	494
04:45 PM	3	251	1	0	255	1	0	0	0	1	23	165	2	0	190	8	0	22	0	30	476
Total Volume	5	1081	11	0	1097	5	0	0	0	5	96	701	5	0	802	33	0	73	0	106	2010
% App. Total	0.5	98.5	1	0		100	0	0	0		12	87.4	0.6	0		31.1	0	68.9	0		
PHF	.417	.965	.458	.000	.956	.625	.000	.000	.000	.625	.889	.894	.625	.000	.911	.825	.000	.629	.000	.679	.919
Cars	5	1059	10	0	1074	5	0	0	0	5	95	676	5	0	776	31	0	73	0	104	1959
% Cars	100	98.0	90.9	0	97.9	100	0	0	0	100	99.0	96.4	100	0	96.8	93.9	0	100	0	98.1	97.5
Trucks	0	22	1	0	23	0	0	0	0	0	1	25	0	0	26	2	0	0	0	2	51
% Trucks	0	2.0	9.1	0	2.1	0	0	0	0	0	1.0	3.6	0	0	3.2	6.1	0	0	0	1.9	2.5
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 PM																					
09:00 PM	0	47	0	0	47	0	0	0	0	0	1	57	0	0	58	1	0	1	0	2	107
09:15 PM	0	42	0	0	42	0	0	0	0	0	3	54	0	0	57	3	0	3	0	6	105
09:30 PM	0	42	0	0	42	0	0	0	0	0	0	58	0	0	58	1	0	11	0	12	112
09:45 PM	0	21	0	0	21	0	0	0	0	0	1	50	0	0	51	0	0	7	1	8	80
Total Volume	0	152	0	0	152	0	0	0	0	0	5	219	0	0	224	5	0	22	1	28	404
% App. Total	0	100	0	0		0	0	0	0		2.2	97.8	0	0		17.9	0	78.6	3.6		
PHF	.000	.809	.000	.000	.809	.000	.000	.000	.000	.000	.417	.944	.000	.000	.966	.417	.000	.500	.250	.583	.902
Cars	0	147	0	0	147	0	0	0	0	0	5	213	0	0	218	4	0	22	0	26	391
% Cars	0	96.7	0	0	96.7	0	0	0	0	0	100	97.3	0	0	97.3	80.0	0	100	0	92.9	96.8
Trucks	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	12
% Trucks	0	3.3	0	0	3.3	0	0	0	0	0	0	2.7	0	0	2.7	20.0	0	0	0	3.6	3.0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	3.6	0.2



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mendards Entrance-Bridge Street Craft Mall Thur 10-22-2020  
Site Code : 794868  
Start Date : 10/22/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Bridge St Craft Mall Westbound					Bridge St (SR 159) Northbound					Menards Entrance Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
07:00 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	6
07:15 AM	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
07:30 AM	0	7	0	0	7	0	0	0	0	0	3	9	0	0	12	0	0	2	0	2	21
07:45 AM	0	3	0	0	3	0	0	0	0	0	1	9	0	0	10	0	0	1	0	1	14
Total	0	16	0	0	16	0	0	0	0	0	4	27	0	0	31	0	0	3	0	3	50
12:00 PM	0	8	0	0	8	0	0	0	0	0	1	5	0	0	6	0	0	0	0	0	14
12:15 PM	0	8	0	0	8	0	0	0	0	0	1	7	0	0	8	0	0	0	0	0	16
12:30 PM	0	8	0	0	8	0	0	0	0	0	1	16	0	0	17	0	0	0	0	0	25
12:45 PM	0	4	0	0	4	0	0	0	0	0	1	8	0	0	9	0	0	0	0	0	13
Total	0	28	0	0	28	0	0	0	0	0	4	36	0	0	40	0	0	0	0	0	68
04:00 PM	0	6	1	0	7	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	16
04:15 PM	0	4	0	0	4	0	0	0	0	0	1	5	0	0	6	0	0	0	0	0	10
04:30 PM	0	8	0	0	8	0	0	0	0	0	0	4	0	0	4	1	0	0	0	1	13
04:45 PM	0	4	0	0	4	0	0	0	0	0	0	7	0	0	7	1	0	0	0	1	12
Total	0	22	1	0	23	0	0	0	0	0	1	25	0	0	26	2	0	0	0	2	51
09:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	3
09:15 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
09:30 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
09:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	12
Grand Total	0	71	1	0	72	0	0	0	0	0	9	94	0	0	103	3	0	3	0	6	181
Apprch %	0	98.6	1.4	0		0	0	0	0		8.7	91.3	0	0		50	0	50	0		
Total %	0	39.2	0.6	0	39.8	0	0	0	0	0	5	51.9	0	0	56.9	1.7	0	1.7	0	3.3	



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mendards Entrance-Bridge Street Craft Mall Sat 10-24-2020  
Site Code : 794868  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Cars - Trucks - Pedestrians

Start Time	Bridge St (SR 159) Southbound					Bridge St Craft Mall Westbound					Bridge St (SR 159) Northbound					Mendards Entrance Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	142	2	0	144	3	0	0	0	3	36	130	1	0	167	9	0	27	0	36	350
01:15 PM	0	139	4	0	143	0	1	0	0	1	38	160	1	0	199	9	1	28	0	38	381
01:30 PM	2	141	2	0	145	0	1	1	0	2	43	138	6	0	187	9	0	22	0	31	365
01:45 PM	0	172	1	0	173	4	0	2	0	6	38	151	2	0	191	12	0	16	0	28	398
Total	2	594	9	0	605	7	2	3	0	12	155	579	10	0	744	39	1	93	0	133	1494
05:00 PM	0	123	1	0	124	2	0	0	0	2	26	150	1	0	177	8	0	24	0	32	335
05:15 PM	0	185	3	0	188	0	0	1	0	1	31	139	1	0	171	6	0	30	0	36	396
05:30 PM	0	151	2	0	153	0	0	1	0	1	22	154	2	0	178	3	0	19	0	22	354
05:45 PM	0	164	1	0	165	1	0	1	0	2	29	137	1	0	167	7	0	15	0	22	356
Total	0	623	7	0	630	3	0	3	0	6	108	580	5	0	693	24	0	88	0	112	1441
Grand Total	2	1217	16	0	1235	10	2	6	0	18	263	1159	15	0	1437	63	1	181	0	245	2935
Apprch %	0.2	98.5	1.3	0		55.6	11.1	33.3	0		18.3	80.7	1	0		25.7	0.4	73.9	0		
Total %	0.1	41.5	0.5	0	42.1	0.3	0.1	0.2	0	0.6	9	39.5	0.5	0	49	2.1	0	6.2	0	8.3	
Cars	2	1198	14	0	1214	10	2	6	0	18	262	1146	15	0	1423	63	1	178	0	242	2897
% Cars	100	98.4	87.5	0	98.3	100	100	100	0	100	99.6	98.9	100	0	99	100	100	98.3	0	98.8	98.7
Trucks	0	19	2	0	21	0	0	0	0	0	1	13	0	0	14	0	0	3	0	3	38
% Trucks	0	1.6	12.5	0	1.7	0	0	0	0	0	0.4	1.1	0	0	1	0	0	1.7	0	1.2	1.3
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mendards Entrance-Bridge Street Craft Mall Sat 10-24-2020  
Site Code : 794868  
Start Date : 10/24/2020  
Page No : 2

Start Time	Bridge St (SR 159) Southbound					Bridge St Craft Mall Westbound					Bridge St (SR 159) Northbound					Menards Entrance Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
Peak Hour Analysis From 01:00 PM to 03:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	0	142	2	0	144	3	0	0	0	3	36	130	1	0	167	9	0	27	0	36	350
01:15 PM	0	139	4	0	143	0	1	0	0	1	38	160	1	0	199	9	1	28	0	38	381
01:30 PM	2	141	2	0	145	0	1	1	0	2	43	138	6	0	187	9	0	22	0	31	365
01:45 PM	0	172	1	0	173	4	0	2	0	6	38	151	2	0	191	12	0	16	0	28	398
Total Volume	2	594	9	0	605	7	2	3	0	12	155	579	10	0	744	39	1	93	0	133	1494
% App. Total	0.3	98.2	1.5	0		58.3	16.7	25	0		20.8	77.8	1.3	0		29.3	0.8	69.9	0		
PHF	.250	.863	.563	.000	.874	.438	.500	.375	.000	.500	.901	.905	.417	.000	.935	.813	.250	.830	.000	.875	.938
Cars	2	585	8	0	595	7	2	3	0	12	154	570	10	0	734	39	1	91	0	131	1472
% Cars	100	98.5	88.9	0	98.3	100	100	100	0	100	99.4	98.4	100	0	98.7	100	100	97.8	0	98.5	98.5
Trucks	0	9	1	0	10	0	0	0	0	0	1	9	0	0	10	0	0	2	0	2	22
% Trucks	0	1.5	11.1	0	1.7	0	0	0	0	0	0.6	1.6	0	0	1.3	0	0	2.2	0	1.5	1.5
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Analysis From 03:45 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	123	1	0	124	2	0	0	0	2	26	150	1	0	177	8	0	24	0	32	335
05:15 PM	0	185	3	0	188	0	0	1	0	1	31	139	1	0	171	6	0	30	0	36	396
05:30 PM	0	151	2	0	153	0	0	1	0	1	22	154	2	0	178	3	0	19	0	22	354
05:45 PM	0	164	1	0	165	1	0	1	0	2	29	137	1	0	167	7	0	15	0	22	356
Total Volume	0	623	7	0	630	3	0	3	0	6	108	580	5	0	693	24	0	88	0	112	1441
% App. Total	0	98.9	1.1	0		50	0	50	0		15.6	83.7	0.7	0		21.4	0	78.6	0		
PHF	.000	.842	.583	.000	.838	.375	.000	.750	.000	.750	.871	.942	.625	.000	.973	.750	.000	.733	.000	.778	.910
Cars	0	613	6	0	619	3	0	3	0	6	108	576	5	0	689	24	0	87	0	111	1425
% Cars	0	98.4	85.7	0	98.3	100	0	100	0	100	100	99.3	100	0	99.4	100	0	98.9	0	99.1	98.9
Trucks	0	10	1	0	11	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	16
% Trucks	0	1.6	14.3	0	1.7	0	0	0	0	0	0	0.7	0	0	0.6	0	0	1.1	0	0.9	1.1
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





# Smart Services Inc.

88 W. Church Street  
Newark, OH 43055  
(740) 345-4700

File Name : Bridge Street (SR 159) & Mendards Entrance-Bridge Street Craft Mall Sat 10-24-2020  
Site Code : 794868  
Start Date : 10/24/2020  
Page No : 1

## Groups Printed- Trucks

Start Time	Bridge St (SR 159) Southbound					Bridge St Craft Mall Westbound					Bridge St (SR 159) Northbound					Mendards Entrance Eastbound					Int. Total
	Left	Thru	Right	North Crosswalk	App. Total	Left	Thru	Right	East Crosswalk	App. Total	Left	Thru	Right	South Crosswalk	App. Total	Left	Thru	Right	West Crosswalk	App. Total	
01:00 PM	0	0	1	0	1	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	5
01:15 PM	0	3	0	0	3	0	0	0	0	0	1	2	0	0	3	0	0	1	0	1	7
01:30 PM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	9	1	0	10	0	0	0	0	0	1	9	0	0	10	0	0	2	0	2	22
05:00 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
05:15 PM	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	3
05:45 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
Total	0	10	1	0	11	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	16
Grand Total	0	19	2	0	21	0	0	0	0	0	1	13	0	0	14	0	0	3	0	3	38
Apprch %	0	90.5	9.5	0		0	0	0	0	0	7.1	92.9	0	0		0	0	100	0		
Total %	0	50	5.3	0	55.3	0	0	0	0	0	2.6	34.2	0	0	36.8	0	0	7.9	0	7.9	



# TRAFFIC SIGNAL TIMING INSPECTION FORM

**INTERSECTION NAME:** Bridge St. @ Stewart St. **DATE:** 5/6/20

**CABINET** Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

**CONTROLLER** Make & Model: Econolite ASC/25-2100 Firmware Version: \_\_\_\_\_  
 Address: \_\_\_\_\_ Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

**COMMUNICATION** Type:  Radio  Cell Modem  Interconnect  Other Brand: Reno Model E  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

**DETECTION** Type:  Radar  Video  Loops  Other Brand: Reno Model E  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—	—	—	—	—	—	—	—
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								

**PUSHBUTTONS** Provided?  YES, Phase(s): φ1, φ2 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
 Working Properly?  YES  NO; Issues found: NE Ped Head Don't Walk Out

**LPI-Ready?** Audible Push Buttons?  YES  NO Countdown Ped-Heads?  YES  NO  
 Crosswalk Markings?  YES  NO

**PHASING** Is split phasing used?  YES, Phase(s): φ1, φ3  NO  
 Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

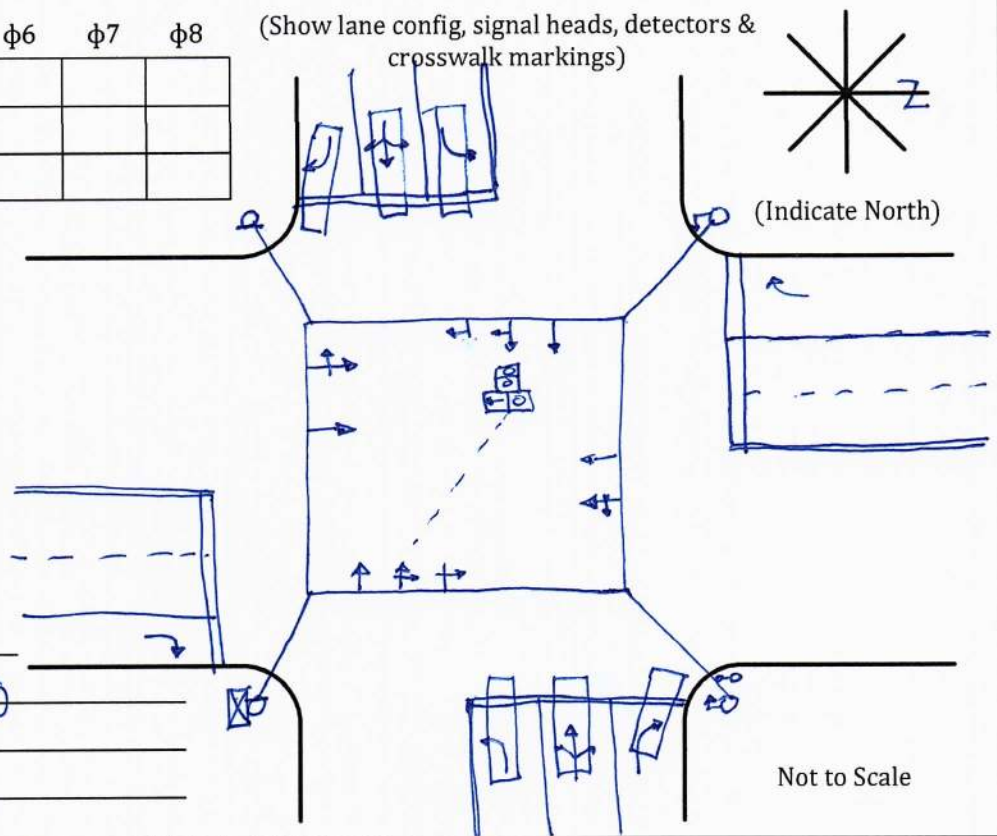
**TASKS**  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

**ASSOCIATED PHASES**

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	WB	NB/SB	EB					
OVL	OLA	OLA/SB	OLB					
PED	NL	WL	—					

**INTERSECTION DIAGRAM**

(Show lane config, signal heads, detectors & crosswalk markings)



**LEGEND**

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

**COMMENTS**

Is the ↕ lane needed?  
Could eliminate Split Phasing

Not to Scale



# TRAFFIC SIGNAL TIMING INSPECTION FORM

INTERSECTION NAME: Bridge St. @ US 35 EB Ramps DATE: 5/7/20

CABINET Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

CONTROLLER Make & Model: Econolite ASC/25-2100 Firmware Version: \_\_\_\_\_  
Address: \_\_\_\_\_ Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

COMMUNICATION Type:  Radio  Cell Modem  Interconnect  Other Brand: \_\_\_\_\_  
Working Properly?  YES  NO; Issues found: Intermittent Comm Failures @ Master

DETECTION Type:  Radar  Video  Loops  Other Brand: EDI  
Working Properly?  YES  NO; Issues found: Queue detection not wired to cabinet

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Delay (sec):	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

PUSHBUTTONS Provided?  YES, Phase(s): None Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

LPI-Ready? Audible Push Buttons?  YES  NO Countdown Ped-Heads?  YES  NO  
Crosswalk Markings?  YES  NO

PHASING Is split phasing used?  YES, Phase(s): \_\_\_\_\_  NO  
Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

TASKS  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

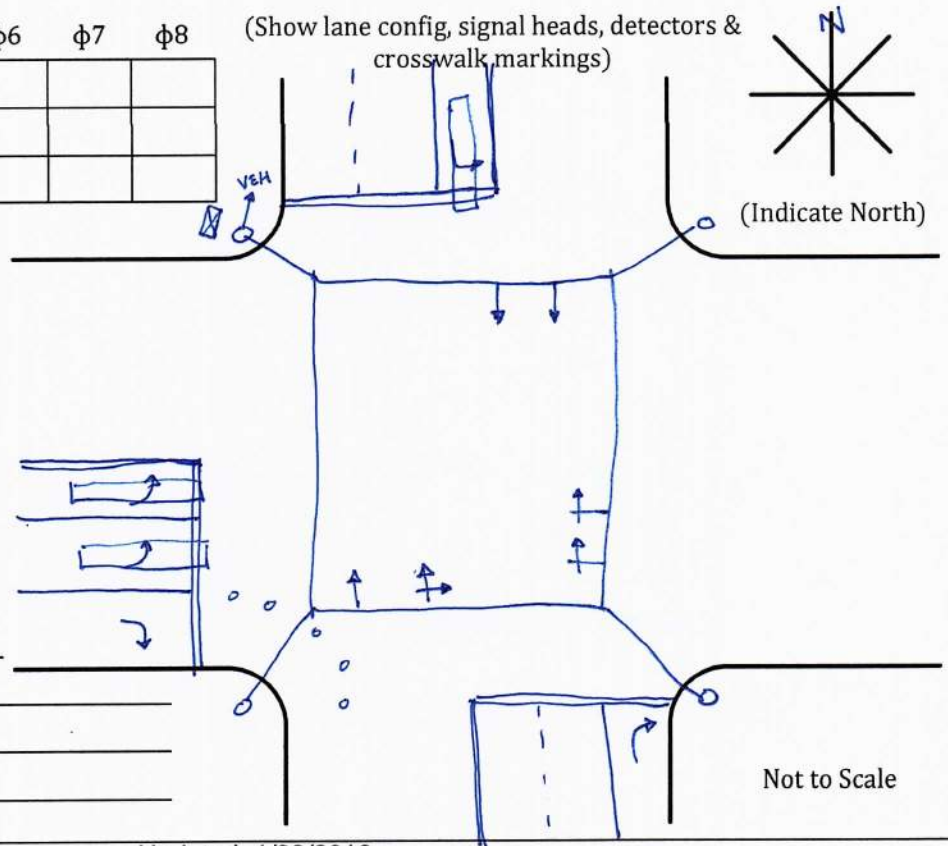
### ASSOCIATED PHASES

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	SBLT	NB		EB				
OVL	OLA	OLA		-				
PED								

OLA = SBTH

### INTERSECTION DIAGRAM

(Show lane config, signal heads, detectors & crosswalk markings)



### LEGEND

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- 5-SECTION HEAD
- 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

### COMMENTS

Cabinet has mouse damage  
Intermittent Comm

Not to Scale



# TRAFFIC SIGNAL TIMING INSPECTION FORM

**INTERSECTION NAME:** Bridge St. @ US 35 WB Ramps **DATE:** 5/7/20

**CABINET** Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

**CONTROLLER** Make & Model: Econolite Cobalt Firmware Version: \_\_\_\_\_  
 Address: 3 Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

**COMMUNICATION** Type:  Radio  Cell Modem  Interconnect  Other Brand: \_\_\_\_\_  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

**DETECTION** Type:  Radar  Video  Loops  Other Brand: Reno Model C  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Delay (sec):	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

**PUSHBUTTONS** Provided?  YES, Phase(s): φ8 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

**LPI-Ready?** Audible Push Buttons?  YES  NO  
 Crosswalk Markings?  YES  NO Countdown Ped-Heads?  YES  NO

**PHASING** Is split phasing used?  YES, Phase(s): \_\_\_\_\_  NO  
 Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

**TASKS**  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

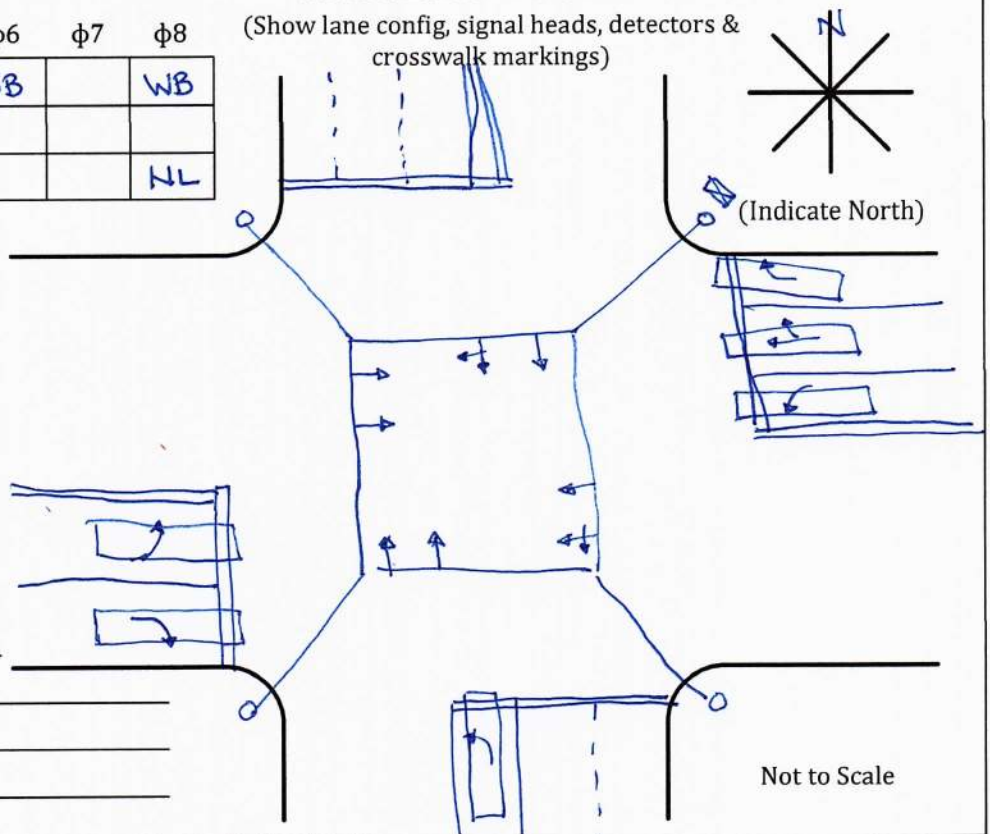
**ASSOCIATED PHASES**

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.		NB		EB	NB&T	SB		WB
OVL				OLA	OLA			
PED								NL

OLA = EB&T

**INTERSECTION DIAGRAM**

(Show lane config, signal heads, detectors & crosswalk markings)



**LEGEND**

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

**COMMENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Not to Scale



# TRAFFIC SIGNAL TIMING INSPECTION FORM

INTERSECTION NAME: Bridge St. @ Marietta Rd. DATE: 5/7/20

CABINET Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

CONTROLLER Make & Model: Econolite ASC-25-200 Firmware Version: \_\_\_\_\_

Address: 4 Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

COMMUNICATION Type:  Radio  Cell Modem  Interconnect  Other Brand: \_\_\_\_\_

Working Properly?  YES  NO; Issues found: \_\_\_\_\_

DETECTION Type:  Radar  Video  Loops  Other Brand: Renol Canoga/EDF

Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Delay (sec):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

PUSHBUTTONS Provided?  YES, Phase(s): None Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO

Working Properly?  YES  NO; Issues found: \_\_\_\_\_

LPI-Ready? Audible Push Buttons?  YES  NO Countdown Ped-Heads?  YES  NO  
Crosswalk Markings?  YES  NO

PHASING Is split phasing used?  YES, Phase(s): φ3, φ4  NO

Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

TASKS  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

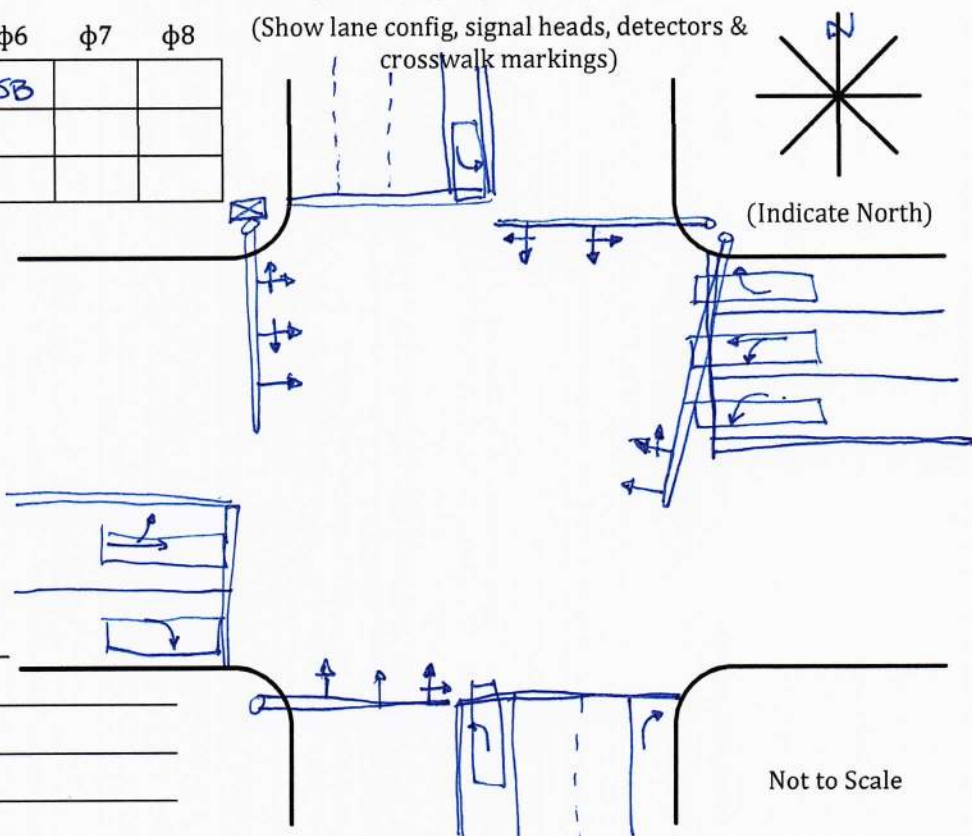
### ASSOCIATED PHASES

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	SBLT	NB	EB	WB	NBLT	SB		
OVL	OLB	OLA		OLB OLA				
PED								

OLA = NBRT  
OLB = WBRT

### INTERSECTION DIAGRAM

(Show lane config, signal heads, detectors & crosswalk markings)



(Indicate North)

### LEGEND

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

### COMMENTS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Not to Scale



# TRAFFIC SIGNAL TIMING INSPECTION FORM

**INTERSECTION NAME:** Bridge St. @ Winona Blvd. **DATE:** 5/7/20

**CABINET** Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

**CONTROLLER** Make & Model: Econolite ASC/25-2100 Firmware Version: \_\_\_\_\_  
 Address: 5 Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

**COMMUNICATION** Type:  Radio  Cell Modem  Interconnect  Other Brand: \_\_\_\_\_  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

**DETECTION** Type:  Radar  Video  Loops  Other Brand: EDI  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								

**PUSHBUTTONS** Provided?  YES, Phase(s): φ8 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
 Working Properly?  YES  NO; Issues found: \_\_\_\_\_

**LPI-Ready?** Audible Push Buttons?  YES  NO Countdown Ped-Heads?  YES  NO  
 Crosswalk Markings?  YES  NO

**PHASING** Is split phasing used?  YES, Phase(s): \_\_\_\_\_  NO  
 Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

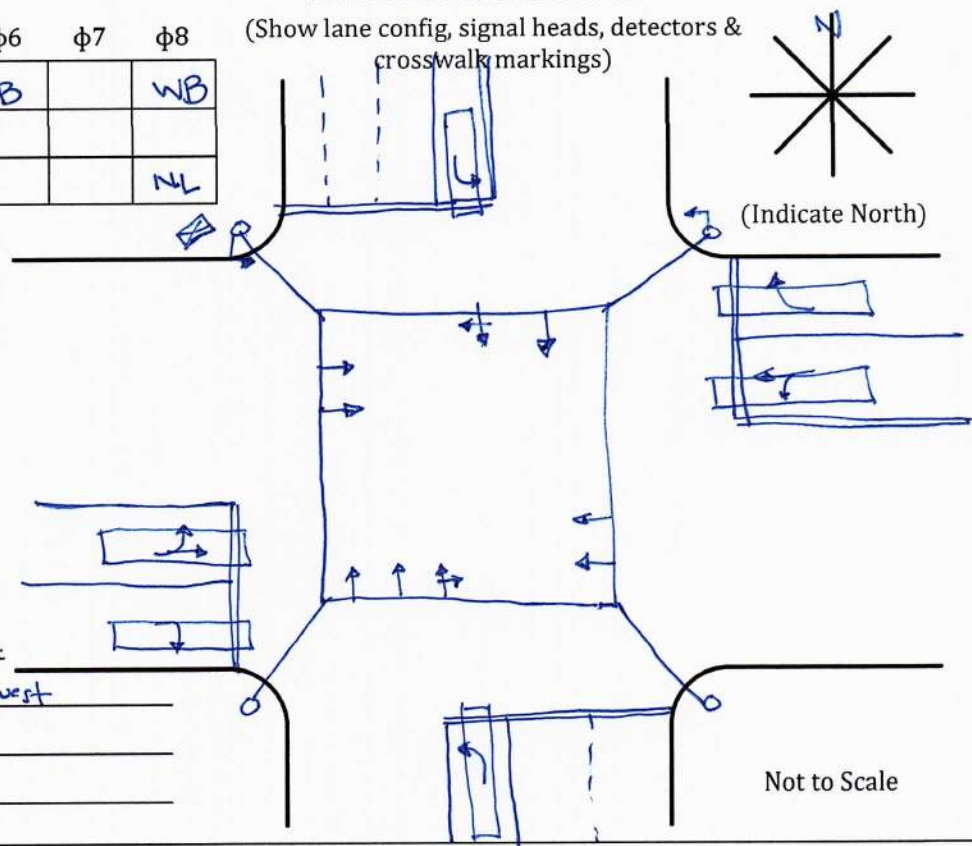
**TASKS**  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

**ASSOCIATED PHASES**

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	SBLT	NB		EB	NBLT	SB		WB
OVL								
PED								NL

**INTERSECTION DIAGRAM**

(Show lane config, signal heads, detectors & crosswalk markings)



**LEGEND**

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

**COMMENTS**

NE Corner Ped head is Out.  
Could add RT OVs for east/west approaches

Not to Scale



# TRAFFIC SIGNAL TIMING INSPECTION FORM

INTERSECTION NAME: Bridge St. @ Pawnee Rd. DATE: 5/7/20

CABINET Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

CONTROLLER Make & Model: Econolite Cobalt Firmware Version: \_\_\_\_\_  
Address: 6 Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

COMMUNICATION Type:  Radio  Cell Modem  Interconnect  Other Brand: \_\_\_\_\_  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

DETECTION Type:  Radar  Video  Loops  Other Brand: EDI LMD622t  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Delay (sec):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2 <sup>nd</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PUSHBUTTONS Provided?  YES, Phase(s): φ4 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

LPI-Ready? Audible Push Buttons?  YES  NO  
Crosswalk Markings?  YES  NO Countdown Ped-Heads?  YES  NO

PHASING Is split phasing used?  YES, Phase(s): \_\_\_\_\_  NO  
Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

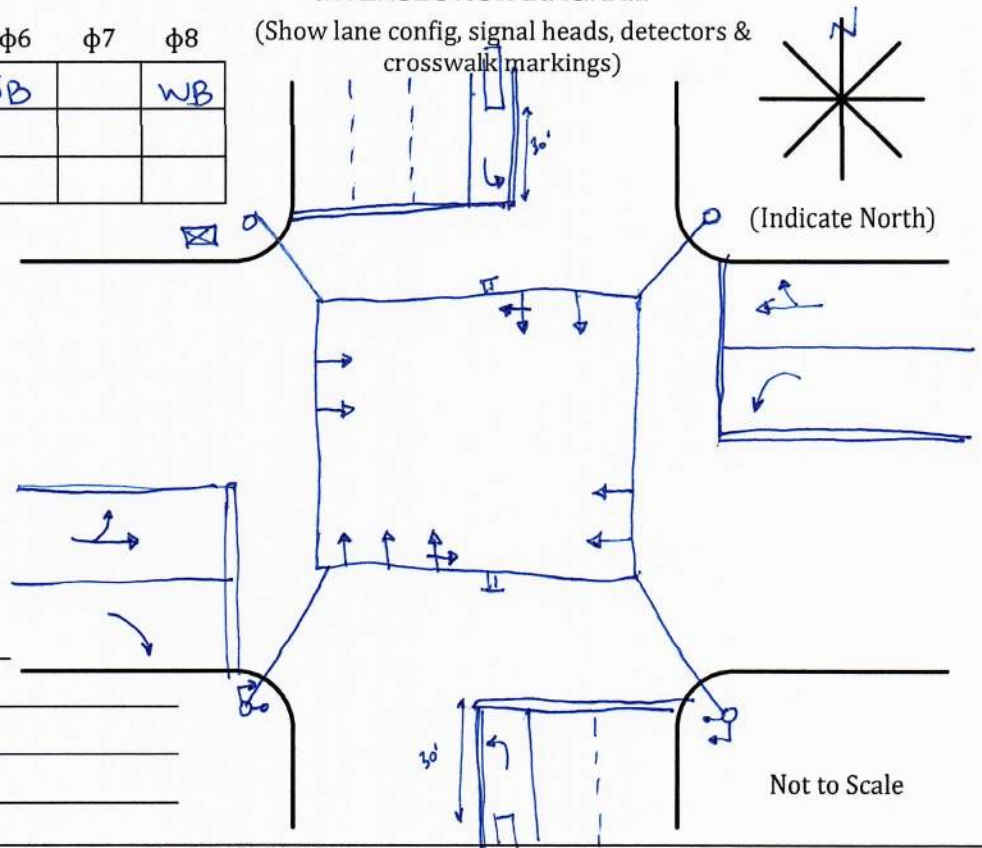
TASKS  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

### ASSOCIATED PHASES

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	<u>SBLT</u>	<u>NB</u>		<u>EB</u>	<u>NBLT</u>	<u>SB</u>		<u>WB</u>
OVL								
PED				<u>SL</u>				

### INTERSECTION DIAGRAM

(Show lane config, signal heads, detectors & crosswalk markings)



### LEGEND

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

### COMMENTS

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# TRAFFIC SIGNAL TIMING INSPECTION FORM

INTERSECTION NAME: Bridge St. @ Chillicothe Mall DATE: 5/7/20

CABINET Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

CONTROLLER Make & Model: Econolite Cobalt Firmware Version: \_\_\_\_\_  
Address: 7 Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

COMMUNICATION Type:  Radio  Cell Modem  Interconnect  Other Brand: \_\_\_\_\_  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

DETECTION Type:  Radar  Video  Loops  Other Brand: EDI LMD6224  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Delay (sec):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2 <sup>nd</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									

PUSHBUTTONS Provided?  YES, Phase(s): φ8 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
Working Properly?  YES  NO; Issues found: See below

LPI-Ready? Audible Push Buttons?  YES  NO  
Crosswalk Markings?  YES  NO Countdown Ped-Heads?  YES  NO

PHASING Is split phasing used?  YES, Phase(s): \_\_\_\_\_  NO  
Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

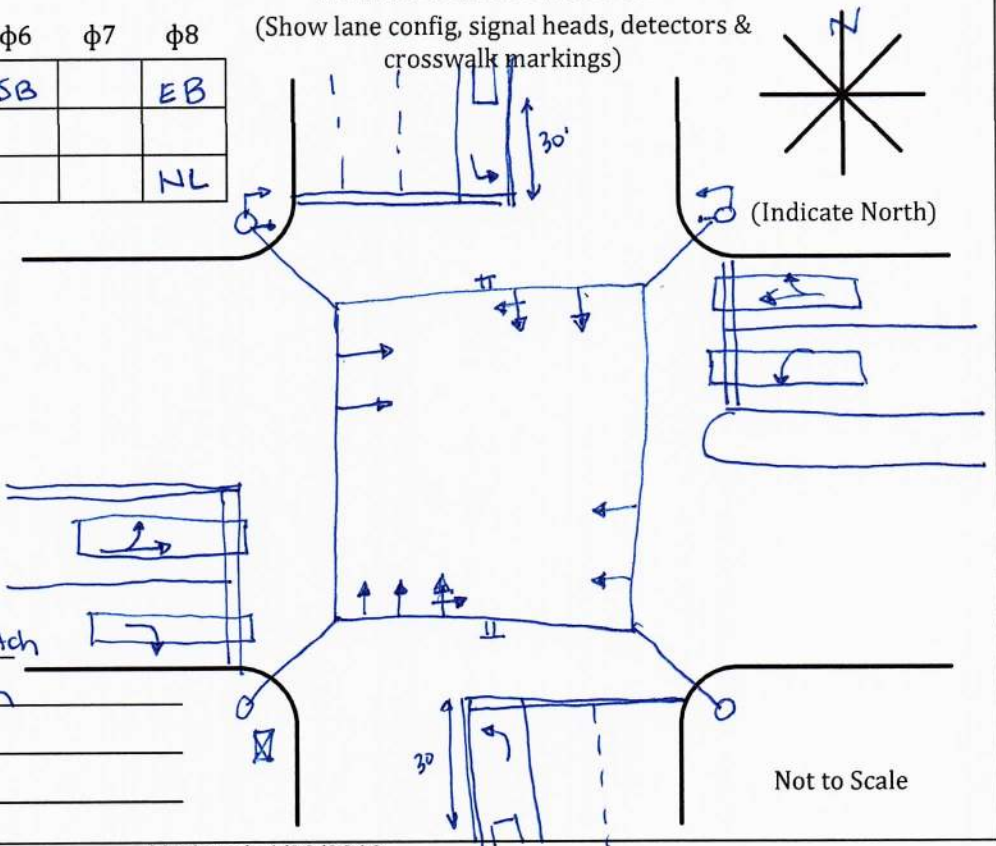
TASKS  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

### ASSOCIATED PHASES

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	SBLT	NB		WB	NBLT	SB		EB
OVL								
PED								NL

### INTERSECTION DIAGRAM

(Show lane config, signal heads, detectors & crosswalk markings)



### LEGEND

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

### COMMENTS

Side street lane use doesn't match  
NW corner Ped Button Broken  
NW corner Ped Head Out





# TRAFFIC SIGNAL TIMING INSPECTION FORM

INTERSECTION NAME: Bridge St. @ Mt. Logan Farms Dr. DATE: 5/7/20

**CABINET** Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

**CONTROLLER** Make & Model: ECONOLITE ASC/25-2100 Firmware Version: \_\_\_\_\_

Address: 8 Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

**COMMUNICATION** Type:  Radio  Cell Modem  Interconnect  Other Brand: Canoga C824T EDI XM604t

Working Properly?  YES  NO; Issues found: \_\_\_\_\_

**DETECTION** Type:  Radar  Video  Loops  Other Brand: \_\_\_\_\_

Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Delay (sec):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

**PUSHBUTTONS** Provided?  YES, Phase(s): φ4 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO

Working Properly?  YES  NO; Issues found: \_\_\_\_\_

**LPI-Ready?** Audible Push Buttons?  YES  NO  
Crosswalk Markings?  YES  NO Countdown Ped-Heads?  YES  NO

**PHASING** Is split phasing used?  YES, Phase(s): \_\_\_\_\_  NO

Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

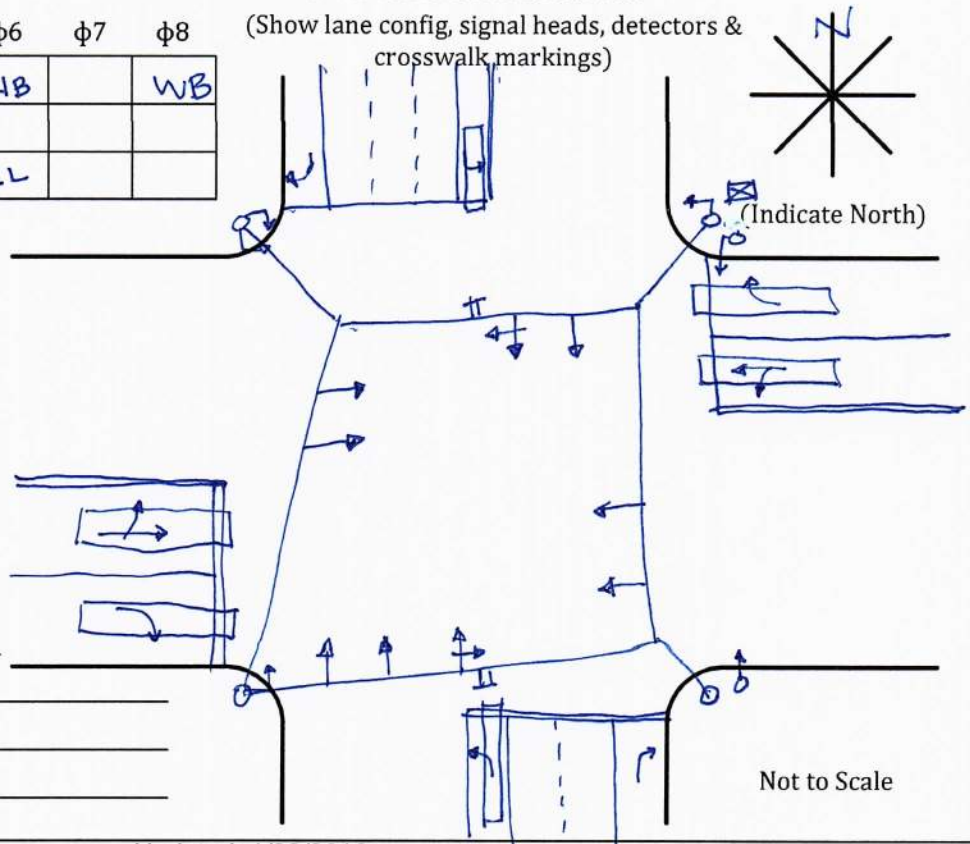
**TASKS**  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

### ASSOCIATED PHASES

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	NBLT	SB		EB	SBLT	NB		WB
OVL								
PED		WL	NL		EL			

### INTERSECTION DIAGRAM

(Show lane config, signal heads, detectors & crosswalk markings)



### LEGEND

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

### COMMENTS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Not to Scale



# TRAFFIC SIGNAL TIMING INSPECTION FORM

INTERSECTION NAME: Bridge St. @ Seney Rd DATE: 5/7/20

CABINET Type:  332  336 [ ] TS-2  TS-1 Mounting:  Pole  Ground

CONTROLLER Make & Model: ECONOLITE COBALT Firmware Version: 06.03.11  
Address: 9 Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

COMMUNICATION Type:  Radio  Cell Modem  Interconnect  Other Brand: \_\_\_\_\_  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

DETECTION Type:  Radar  Video  Loops  Other Brand: EDI LMP622+  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Delay (sec):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

PUSHBUTTONS Provided?  YES, Phase(s): φ4/φ8 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
Working Properly?  YES  NO; Issues found: All buttons non-functional

LPI-Ready? Audible Push Buttons?  YES  NO Countdown Ped-Heads?  YES  NO  
Crosswalk Markings?  YES  NO

PHASING Is split phasing used?  YES, Phase(s): φ4, φ8  NO  
Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

TASKS  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

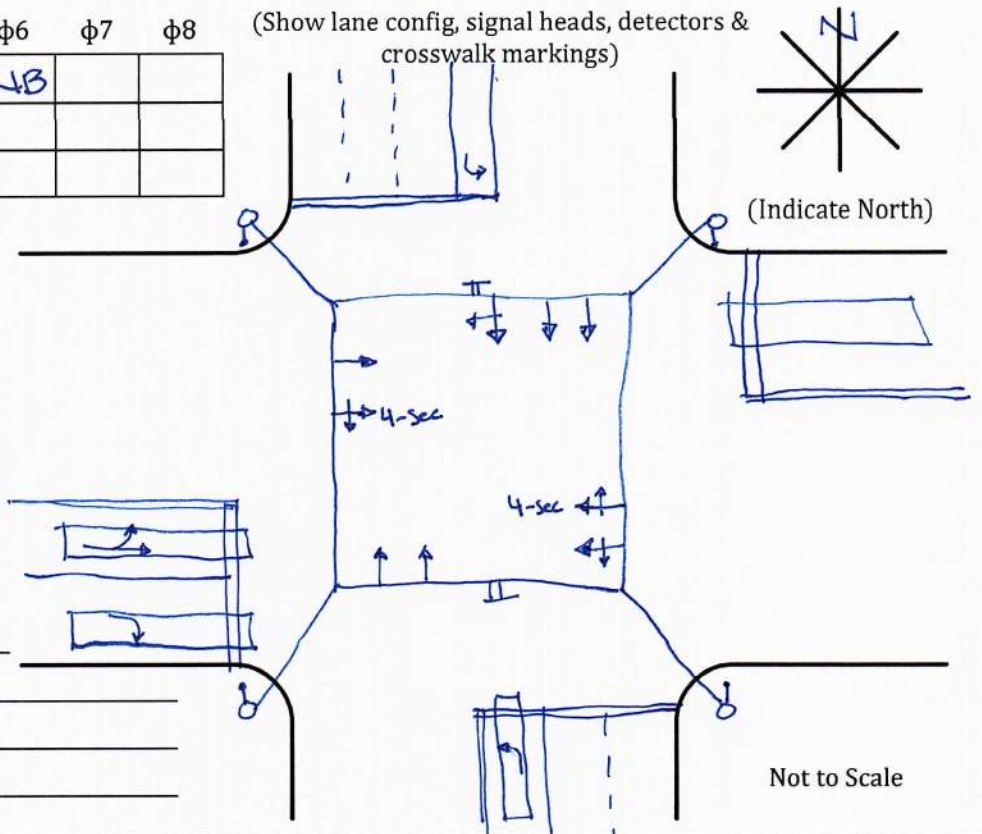
### ASSOCIATED PHASES

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.	NBRT	SB	WB	EB		NB		
OVL	OLA			OLA				
PED								

OLA = EBRT

### INTERSECTION DIAGRAM

(Show lane config, signal heads, detectors & crosswalk markings)



### LEGEND

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

### COMMENTS

No Ped Heads

Red Ball w/B out

NB 3-section heads rotated

Not to Scale



# TRAFFIC SIGNAL TIMING INSPECTION FORM

INTERSECTION NAME: Bridge St. @ Menards DATE: 5/7/20

CABINET Type:  332  336  TS-2  TS-1 Mounting:  Pole  Ground

CONTROLLER Make & Model: Econolite ASC/3 Firmware Version: \_\_\_\_\_  
Address: \_\_\_\_\_ Time Synced?  YES  NO Ethernet Port?  YES  NO Master?  YES  NO

COMMUNICATION Type:  Radio  Cell Modem  Interconnect  Other Brand: Twisted Pair  
Working Properly?  YES  NO; Issues found: Radio to North, Copper to South

DETECTION Type:  Radar  Video  Loops  Other Brand: Reno Model C  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

Left Turn 1 <sup>st</sup> /2 <sup>nd</sup>	NB	SB	EB	WB	Detector	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Car Detection:	1 <sup>st</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Delay (sec):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2 <sup>nd</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									

PUSHBUTTONS Provided?  YES, Phase(s): φ4 Do they conform to OMUTCD 4E.08 ADA requirements?  YES  NO  
Working Properly?  YES  NO; Issues found: \_\_\_\_\_

LPI-Ready? Audible Push Buttons?  YES  NO  
Crosswalk Markings?  YES  NO Countdown Ped-Heads?  YES  NO

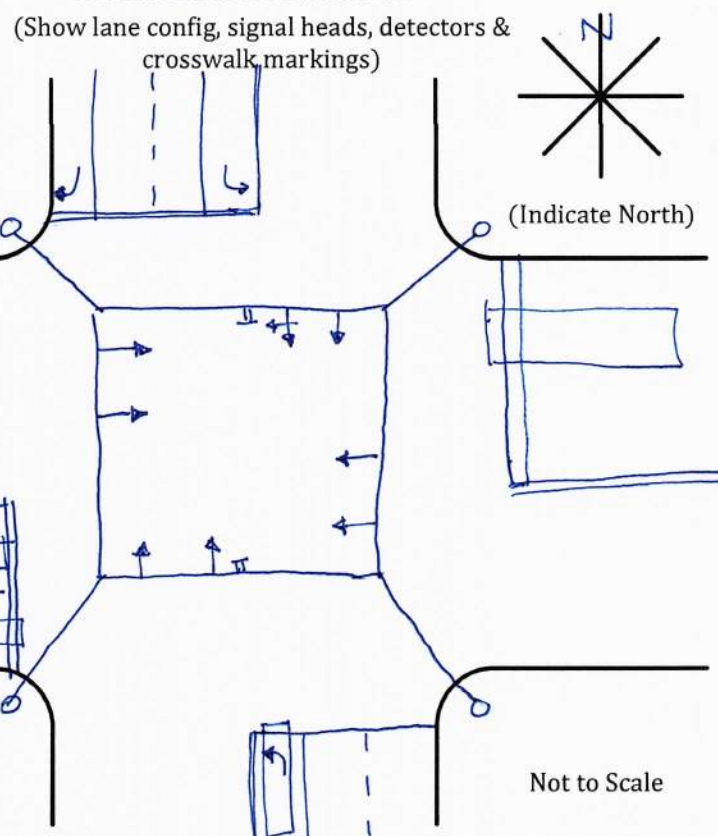
PHASING Is split phasing used?  YES, Phase(s): \_\_\_\_\_  NO  
Do yellow ball traps exist?  YES, Phase(s): \_\_\_\_\_  NO Offset Reference: MSY

TASKS  Take pictures on each approach  Take pictures in cabinet (both sides)  
 Upload existing field data or populate standard timing sheet

### ASSOCIATED PHASES

	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
Dir.		NB		WB	NBLT	SB		EB
OVL								
PED				NL				

### INTERSECTION DIAGRAM



### LEGEND

- CABINET
- PED. PUSHBUTTON
- 3-SECTION HEAD
- ↕ 5-SECTION HEAD
- ↕ 3-SECTION HEAD W/ ARROWS
- 4-SECTION HEAD W/ ARROWS
- VIDEO DETECTION

### COMMENTS

LT lane use signs near side  
SB 3-section head damaged

Not to Scale