

VACT HCS - West Haven

Garage Option Comparison

- “Four Corners” intersection improvements, new drop-off area and surface parking modifications for ADA with both options

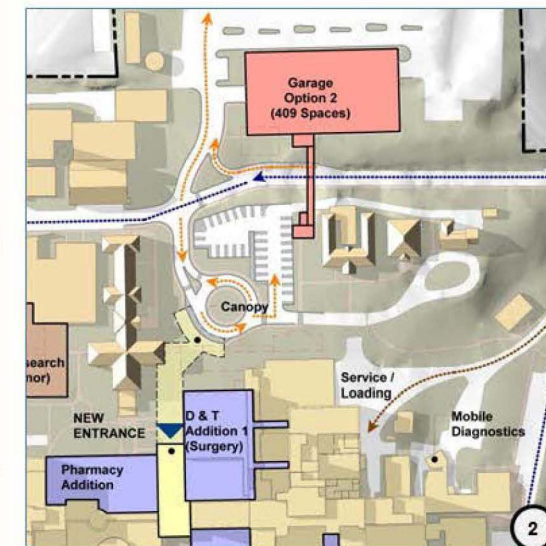
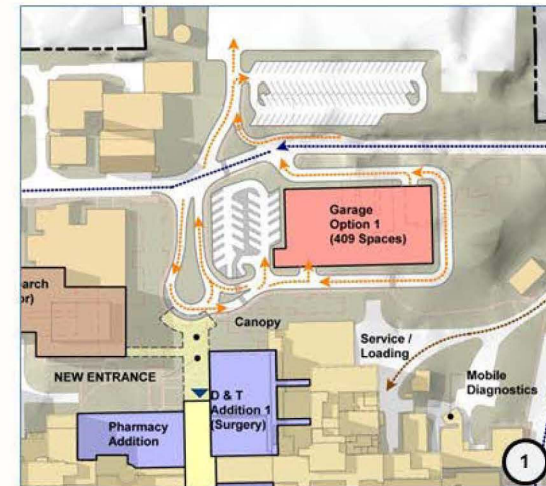
Garage Option 1 & Surface Parking Modifications:

- +/- 280 spaces of additional parking provided *
- Advantages:
 - Proximity to new entrance addition
 - Shorter walking distance from Garage
 - North side of loop road remains available for future development, including 2nd garage
 - Lessens the impact of Peak Traffic Congestion
- Disadvantages:
 - Building 5, 8, 8.5, & 9 demolition & associated utility impacts
 - Limits construction and staging areas for other development

Garage Option 2 & Surface Parking Modifications:

- +/- 130 spaces of additional parking provided *
- Advantages:
 - Short term demo of 5, 8, 8.5, & 9 not required
 - Allows for future development in vicinity of buildings 8, 8.5, & 9 (with future building demolition)
- Disadvantages:
 - Provides +/- 150 fewer additional spaces parking vs. Option 1. (Greater displacement of existing parking)
 - Longer walking distance
 - Potential Afternoon Traffic Congestion @ Lamson Road Intersection

* Note: Parking Spaces take into account parking impacts associated with construction of Research Minor and Garage



APPENDIX I

Supporting Reports and Documents

Memorandum

To: Mr. Carl Zarello, AIA / Designtech Associates, Inc.
From: David Maruskin, P.E.
Date: May 6, 2016
Project Name: Fisher House West Haven, CT
Project Number: R15476R-01D
Subject: Energy Independence and Security Act (EISA) Section 438
cc:

EISA Section 438 applies to federal facilities with construction projects that exceed 5,000 square feet of land disturbance. Technical Guidance for EISA 438 was issued by the EPA in 2009. The DoD issued their own Policy on Implementing Section 438 of EISA in 2010. The primary difference between the EPA Guidance and the DoD policy is in the interpretation of “predevelopment hydrology.” EPA Guidance suggests that predevelopment hydrology refers to a greenfield site, prior to any development. DoD policy defines predevelopment hydrology as the hydrology on the site in the existing condition prior to the proposed construction, and only suggests considering the greenfield condition prior to finalizing design. The DoD felt that EPA’s guidance was too stringent. Both the EPA and DoD provide language that EISA 438 only needs to be applied to the maximum extent technically feasible (METF), acknowledging that the design objective cannot always be met.

The Veteran’s Administration (VA) Handbook 0056 includes the following references to EISA 438:

- Section 3b(4) Per EISA Section 438, to the maximum extent technically feasible, maintain or restore the predevelopment hydrology of the site with regard to temperature, rate, volume, and duration of flow using site planning, design, construction, and maintenance strategies.
- Section 4c(3) Per EISA Section 438, where redevelopment affects site hydrology, use site planning, design, construction, and maintenance strategies to maintain hydrologic conditions during development, or to restore hydrologic conditions following development, to the maximum extent that is technically feasible.

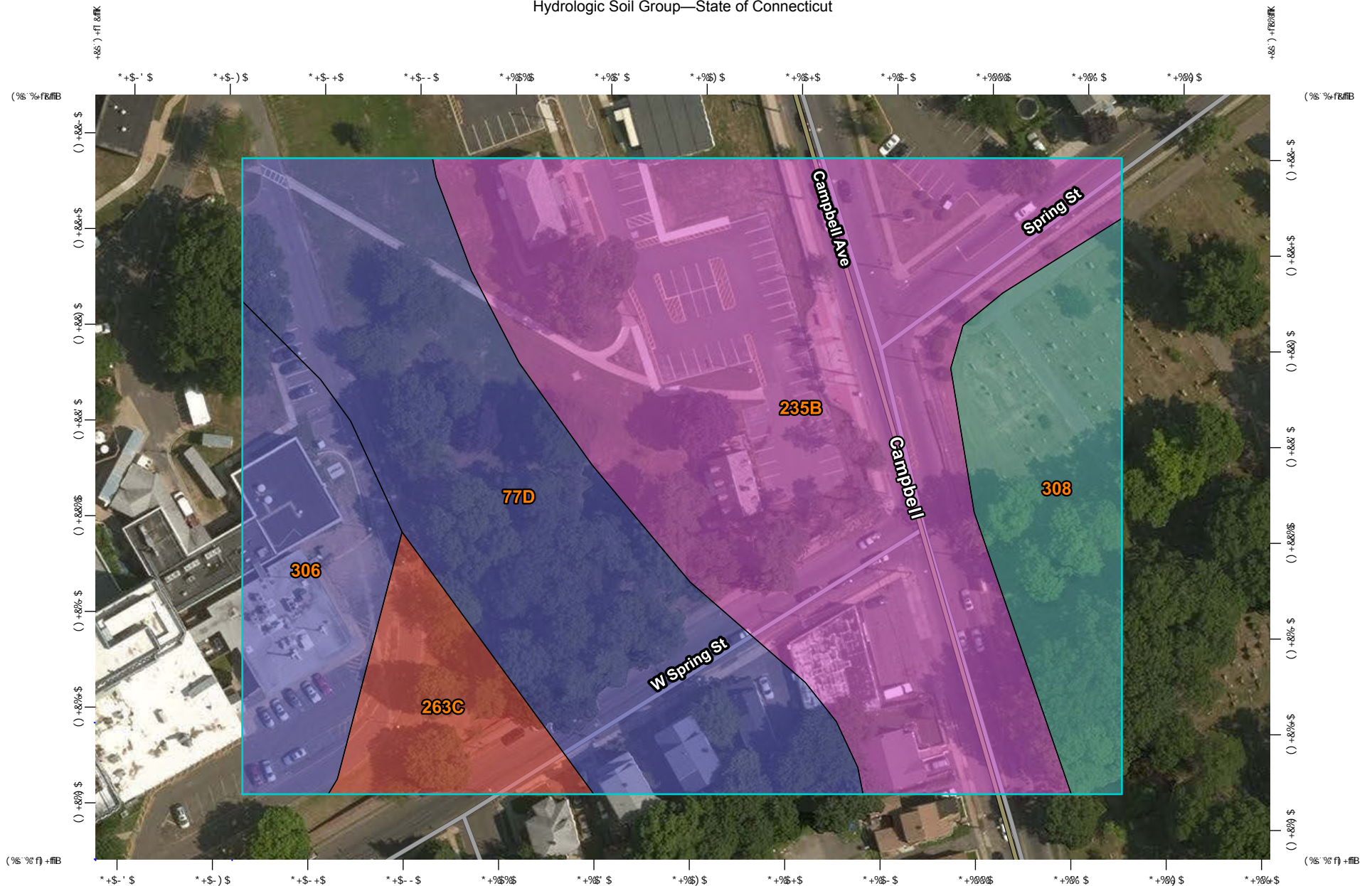
The proposed Fisher House site in West Haven, Connecticut complies with the DoD Policy on Implementing Section 438 of EISA to the maximum extent technically feasible. The pre-development and post-development areas within the limits of disturbance were analyzed for impervious cover. Based on the NRCS soils mapping data (attached), a composite CN number was calculated for each condition. These values were then used in conjunction with Bentley

PondPack V8i modeling software and a rainfall depth of 1.7 inches (95th percentile storm depth) to determine the peak runoff rates and volumes for the pre-development and post-development storm events. Refer to attached impervious area maps and stormwater modeling data.

The primary objective of EISA 438 is to maintain pre-development hydrology by managing any volume increase on site and maintaining the pre-development flowrate in the post-development condition. Due to the nature of the existing soils, the pre-development peak flow rate is 0 cubic feet per second and the runoff volume is 110 cubic feet. This premise ignores the fact that several impervious areas are directly connected to the storm sewer system, but a consistent approach was used for the post-developed condition for an accurate comparison. In the post-development condition, the peak flow is 0.02 cubic feet per second and the peak volume is 187 cubic feet, 77 more cubic feet than the pre-development condition. 77 cubic feet only amounts to 0.04 inches of rain over the project area (0.57 acres). Although there is a minor increase in both peak flow and total volume, the primary objective of EISA 438 was met to the METF by designing a site with only a minor increase in impervious area.

The EPA issued several examples of Technical Infeasibility in their guidance document. The most pertinent to this project is - Small project sites where the lot is too small to accommodate infiltration practices adequately sized to infiltrate the volume of runoff from impervious surfaces. This site is constrained to the west by steep slopes; the south by trees that include protected species; and the east by area that was previously parking lot and most likely unsuitable for infiltration. Expanding the site limits to incorporate infiltration areas runs counter to the intent of EISA 438. For these reasons, the reduced site footprint that includes a smaller Fisher House and eliminates new parking and access areas, is the best approach to meet the intention of EISA 438 and is in compliance.

Hydrologic Soil Group—State of Connecticut



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Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/5/2016
Page 1 of 4

MAP LEGEND

Area of Interest (AOI)









 Area of Interest (AOI)

Soils

Soil Rating Polygons





 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Lines


 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Points






 A
 A/D
 B
 B/D

 C
 C/D
 D
 Not rated or not available


Water Features

 Streams and Canals

Transportation

 Rails
 Interstate Highways
 US Routes
 Major Roads
 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
 Survey Area Data: Version 14, Sep 22, 2015

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 27, 2014—Jul 22, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Hydrologic Soil Group— Summary by Map Unit — State of Connecticut (CT600)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
77D	Cheshire-Holyoke complex, 15 to 35 percent slopes, very rocky	B	1.7	27.6%
235B	Penwood-Urban land complex, 0 to 8 percent slopes	A	2.7	44.6%
263C	Cheshire-Urban land complex, 8 to 15 percent slopes	D	0.4	6.1%
306	Udorthents-Urban land complex	B	0.6	9.8%
308	Udorthents, smoothed	C	0.7	12.0%
Totals for Area of Interest			6.1	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

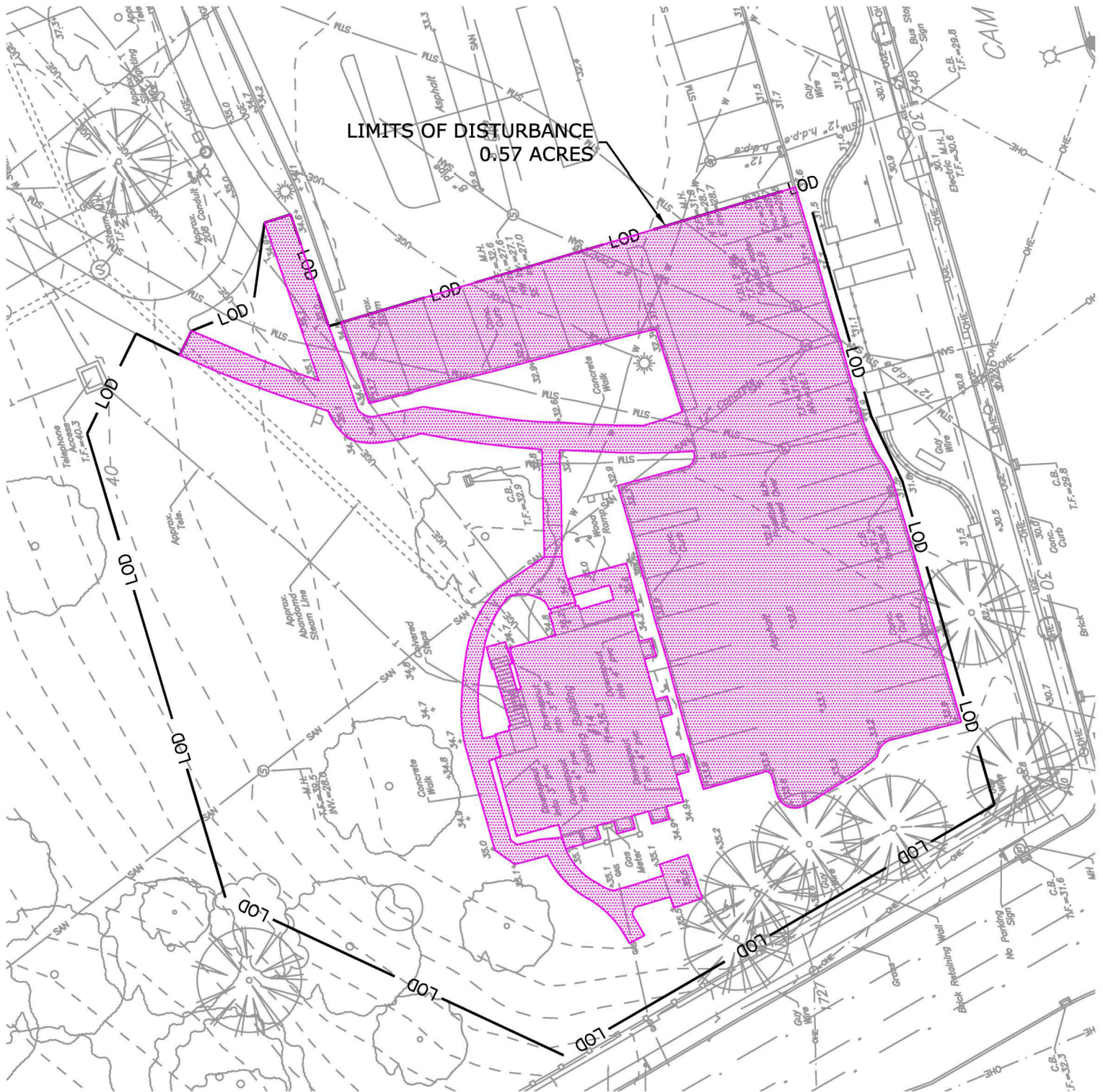
Rating Options

CE*/^* } A^c@âK Dominant Condition

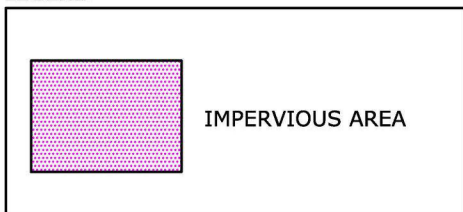
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Vââ/ââ AU~ /K Higher

PRE DEVELOPMENT IMPERVIOUS AREAS WITHIN LIMITS OF DISTURBANCE

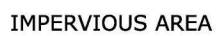


LEGEND



PRE-DEVELOPMENT CN CALCULATION				
COVER TYPE AND HYDROLOGIC CONDITION	HYDROLOGIC SOIL GROUP	CN VALUE	ACREAGE	CN x AREA
IMPERVIOUS	N/A	98	0.24	23.52
OPEN SPACE (GOOD)	A	39	0.33	12.87
TOTALS	-	-	0.57	36
CN (WEIGHTED)	-	64	-	-

LIMITS OF DISTURBANCE
0.57 ACRES



POST-DEVELOPMENT CN CALCULATION				
COVER TYPE AND HYDROLOGIC CONDITION	HYDROLOGIC SOIL GROUP	CN VALUE	ACREAGE	CN x AREA
IMPERVIOUS	N/A	98	0.27	26.46
OPEN SPACE (GOOD)	A	39	0.3	11.7
TOTALS	-	-	0.57	38
CN (WEIGHTED)	-	67	-	-

Subsection: Master Network Summary

Catchments Summary

POST	95th Percentile	1	187.000	723.000	0.02
PRE	95th Percentile	1	110.000	747.000	0.00

Node Summary

O-1	95th Percentile	1	110.000	747.000	0.00
O-2	95th Percentile	1	187.000	723.000	0.02

Subsection: Unit Hydrograph Summary
Label: POST

Return Event: 1 years
Storm Event: 95th Percentile

Storm Event	95th Percentile
Return Event	1 years
Duration	1,440.000 min
Depth	1.7 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.570 acres
Computational Time Increment	0.667 min
Time to Peak (Computed)	722.000 min
Flow (Peak, Computed)	0.03 ft ³ /s
Output Increment	3.000 min
Time to Flow (Peak Interpolated Output)	723.000 min
Flow (Peak Interpolated Output)	0.02 ft ³ /s
Drainage Area	
SCS CN (Composite)	67.000
Area (User Defined)	0.570 acres
Maximum Retention (Pervious)	4.9 in
Maximum Retention (Pervious, 20 percent)	1.0 in
Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.1 in
Runoff Volume (Pervious)	187.508 ft ³
Hydrograph Volume (Area under Hydrograph curve)	
Volume	187.000 ft ³
SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	7.75 ft ³ /s
Unit peak time, Tp	3.333 min

Subsection: Unit Hydrograph Summary
Label: POST

Return Event: 1 years
Storm Event: 95th Percentile

SCS Unit Hydrograph Parameters	
Unit receding limb, Tr	13.333 min
Total unit time, Tb	16.667 min

Subsection: Unit Hydrograph Summary
Label: PRE

Return Event: 1 years
Storm Event: 95th Percentile

Storm Event	95th Percentile
Return Event	1 years
Duration	1,440.000 min
Depth	1.7 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.570 acres
Computational Time Increment	0.667 min
Time to Peak (Computed)	745.333 min
Flow (Peak, Computed)	0.00 ft ³ /s
Output Increment	3.000 min
Time to Flow (Peak Interpolated Output)	747.000 min
Flow (Peak Interpolated Output)	0.00 ft ³ /s
Drainage Area	
SCS CN (Composite)	64.000
Area (User Defined)	0.570 acres
Maximum Retention (Pervious)	5.6 in
Maximum Retention (Pervious, 20 percent)	1.1 in
Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.1 in
Runoff Volume (Pervious)	110.343 ft ³
Hydrograph Volume (Area under Hydrograph curve)	
Volume	110.000 ft ³
SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	7.75 ft ³ /s
Unit peak time, Tp	3.333 min

Subsection: Unit Hydrograph Summary
Label: PRE

Return Event: 1 years
Storm Event: 95th Percentile

SCS Unit Hydrograph Parameters	
Unit receding limb, Tr	13.333 min
Total unit time, Tb	16.667 min



Ron Müller & Associates

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Traffic and Safety Review

**VA Hospital Campus
West Haven, Connecticut**

Prepared for:

**West Haven VA Healthcare System
950 Campbell Avenue
West Haven, CT 06516**

September 21, 2014



Quality



Accuracy



Integrity

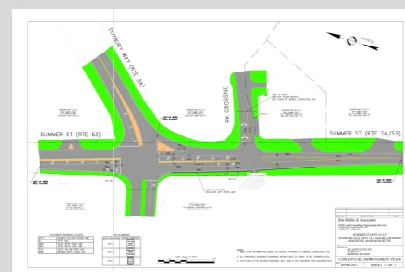




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Traffic Assessment

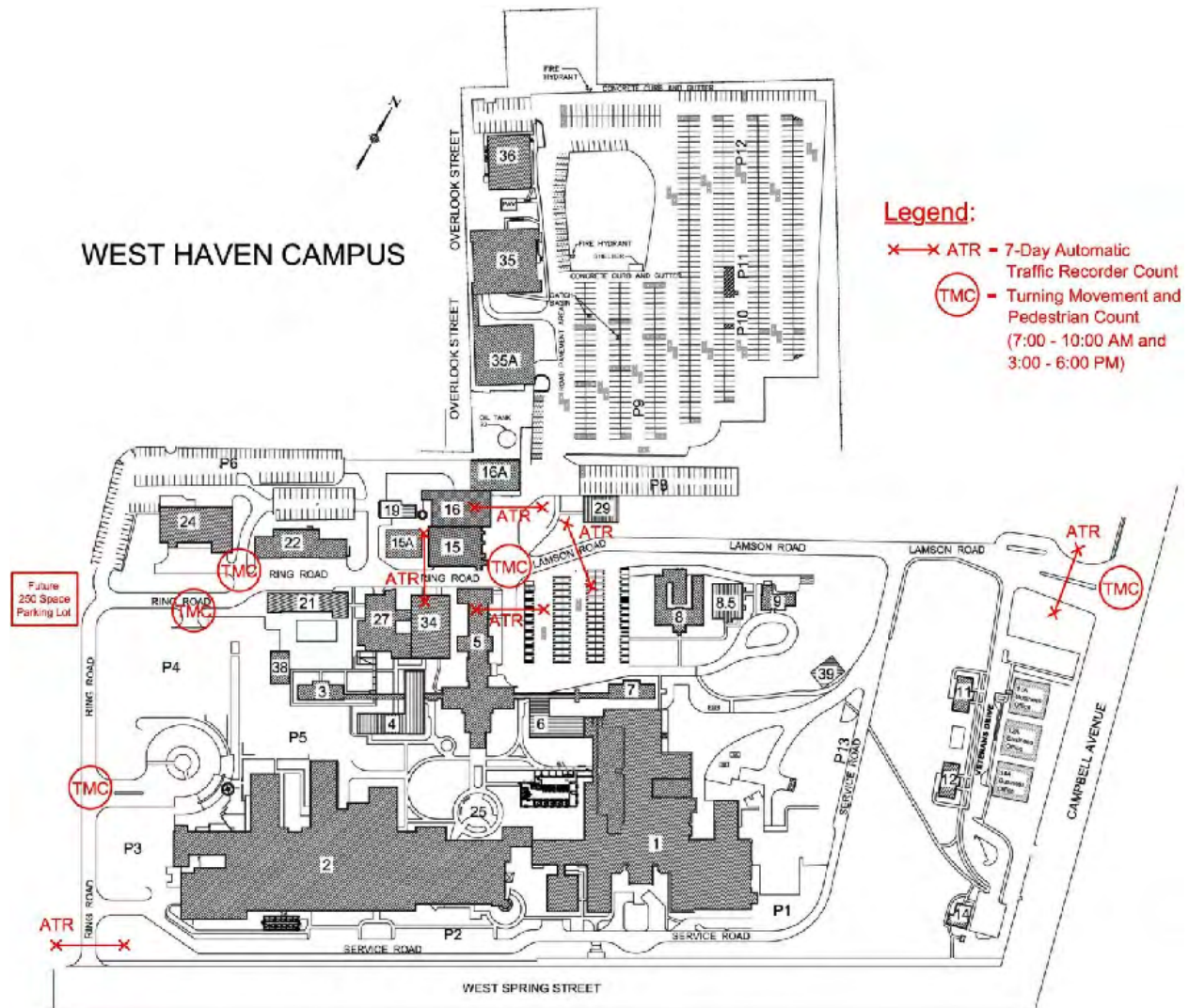
To:	Mr. Shu Sang (Sam) Lee West Haven VA Healthcare System Facility Management Service [138] 950 Campbell Avenue West Haven, CT 06516	Reg:	Traffic and Safety Review VA Hospital Campus West Haven, CT
From:	Ron Müller, P.E., Principal	Date:	September 21, 2014
		Project #:	13065

EXECUTIVE SUMMARY

Ron Müller & Associates (RMA) has conducted this Traffic Assessment to evaluate on-site circulation, access, and safety of the VA Hospital Campus in West Haven, Connecticut and to make recommendations of potential improvement measures to increase pedestrian and vehicular safety and capacity. The study provides an assessment of existing traffic and pedestrian volumes, review of safety issues at selected locations, traffic projections for the construction of an additional parking lot, and an analysis of traffic conditions at critical locations. The study focuses primarily on the Ring Road and Lamson Road intersection adjacent to Buildings 5 and 15 (Four Corners), where a fatal pedestrian accident occurred in 2013. The study also evaluates possible improvements to three other intersections along the VA Campus Ring Road as well as the main entrance from Campbell Avenue. The study locations are shown on Figure 1.

As documented in this report, several measures are recommended to improve pedestrian safety, vehicular capacity, and compliance with standard traffic signs and pavement markings. Sketches of the recommended improvements as well as preliminary construction cost estimates are provided in the Appendix to this report. The recommendations are made specific to individual intersections and can therefore be implemented independent of one another, depending on the availability of funds. The recommended improvements are described in detail in this report and are outlined briefly below:

Figure 1
Site Location and Study Area Map



Four Corners

- ▽ Redirect the flow of pedestrian traffic to and from the Main Parking Lot along the west side of the parking lot access road so it is no longer in conflict with the high vehicular traffic movements through the Four Corners intersection.
- ▽ Construct a raised crosswalk across the Main Parking Lot driveway between parking lots P8 and P9.

- ∇ Construct a 10-foot wide sidewalk along the west side of the Main Parking Lot driveway.
- ∇ Construct raised crosswalks across the Ring Road leg and the Building 5 leg of the intersection.
- ∇ Raised crosswalks will add significant visibility to the crosswalks and will force motorists to slow down. The crosswalks can be constructed using stamped concrete or colored asphalt, adding additional visibility and aesthetics. They would also minimize maintenance by eliminating the need for annual painting of the crosswalks.
- ∇ Widen the Main Parking Lot driveway to create a channelized right-turn lane on the Lamson Road approach to accommodate the heavy volume of right-turning traffic from Lamson Road westbound onto the Main Parking Lot driveway. This movement should then be placed under Yield-sign control.
- ∇ The remaining traffic movements at the intersection should remain under all-way stop control.
- ∇ With these modifications, significant improvement in pedestrian safety can be accomplished and the intersection can operate at acceptable levels without the aid of a safety officer controlling the intersection.
- ∇ Safety officer control at the new raised crosswalk across the Main Parking Lot driveway should be considered during peak times.
- ∇ The above recommended improvements are estimated to cost \$220,000.

Ring Road at P4 Exit and Building 24 Driveway

- ∇ It is recommended that double yellow centerline and solid white edge line striping be added to the Ring Road to clarify lane use and direction of travel in the area of the Ring Road “S” curve. The edge-line striping to the east of the Building 24 driveway will also help to delineate the travel lane from the adjacent loading and parking area on the north side of the Ring Road.
- ∇ The existing stop signs and stop lines on the Ring Road approaches to these intersections should be removed to allow each intersection to operate as a standard T-type intersection with stop control only on the minor street approaches.
- ∇ The existing stop sign on the Building 24 driveway approach should be replaced with a Manual on Uniform Traffic Control Devices (MUTCD) compliant sign as shown in the Appendix.
- ∇ The Do-Not-Enter sign on the right side of the P4 Exit drive currently blocks the view to the stop sign. This sign should be removed and an MUTCD compliant Do-Not-Enter sign should be mounted on the back of the existing stop sign.
- ∇ A stop line should be added across the entire P4 Exit drive to reinforce the one-way nature of this driveway.

- ∇ The P5 driveway into the P4 parking lot should be signed and striped allowing right turns only to reinforce the one-way nature of the P4 Exit drive.
- ∇ The existing crosswalk across the Ring Road between Buildings 21 and 22 should be raised to add visibility to the crosswalk and force motorists to slow down. The crosswalk can be constructed using stamped concrete or colored asphalt, adding additional visibility and aesthetics. It would also minimize maintenance by eliminating the need for annual painting of the crosswalk.
- ∇ The above recommended improvements are estimated to cost \$25,000.

Ring Road at Building 2 Driveway

- ∇ The existing stop signs at this intersection are not MUTCD compliant and should be replaced in accordance with the recommended signs as shown in the Appendix.
- ∇ The stop line on the Ring Road northbound approach should be moved closer to the intersection.
- ∇ The centerline pavement striping along the Ring Road should be replaced with a double yellow centerline.
- ∇ The existing median in the Building 2 driveway should either be relocated or removed to create two entering lanes and one exiting lane. Providing two entering lanes will eliminate the blocking of the entrance that sometimes occurs from motorists waiting at the curb to drop off and pick up patients.
- ∇ The above recommended improvements are estimated to cost \$35,000, assuming relocation of the median island.

Campbell Avenue at Lamson Road

- ∇ The existing traffic signal, which provides signal control only during peak hours, should provide signal control 24-hours per day to eliminate confusion with change over times from full signal mode to flash mode.
- ∇ The signal equipment should be upgraded to allow fully-actuated control.
- ∇ The tree branches in the southwest corner of the intersection should be trimmed so they don't block visibility to the pedestrian signal head adjacent to this tree.
- ∇ The above improvements would require approval by the City of West Haven.

EXISTING CONDITIONS

Traffic and Pedestrian Volumes

Traffic counts were collected throughout the VA Hospital Campus in August 2014 and the count locations are shown on Figure 1. The counts included 7-day automatic traffic recorder (ATR) counts on every leg of the Four Corners intersection and on the VA Hospital Campus driveways off West Spring Street (Ring Road) and off Campbell Avenue (Lamson Road). In addition, manual turning movement, vehicle classification, and pedestrian counts were collected during the weekday AM peak period (7:00 to 10:00 AM) and the weekday PM peak period (3:00 to 6:00 PM) on Tuesday August 12, 2014 at the following locations:

- ▽ Campbell Avenue at Lamson Road
- ▽ Lamson Road at Ring Road, Building 5 Drive, and Main Parking Drive (P8-12) - Four Corners
- ▽ Ring Road at Building 24 Drive
- ▽ Ring Road at Parking Lot 4 (P4) Exit
- ▽ Ring Road at Building 2 Drive

All traffic count data are provided in the Appendix. A summary of the count data is shown in Table 1. The daily volumes represent the average of five weekdays and the AM and PM peak hour volumes represent the highest traffic hour of the counting periods. Although the peak hours varied somewhat by location, the AM peak hour generally occurred from 7:15 to 8:15 AM and the PM peak hour generally occurred from 3:45 to 4:45 PM. Traffic flow networks of the existing AM and PM peak hour traffic flows are provided in the Appendix. Pedestrian volumes observed during the peak traffic hours are summarized in Table 2.

Four Corners

Significant improvements have been made to this intersection by the VA Hospital in response to the fatality that occurred at this location in September 2013. These include replacing the former diagonal crosswalk with standard crosswalks across all legs of the intersection, installing new sidewalks with wheelchair accessible ramps in all four corners, installing new stop signs on all approaches with flashing LED lights to accentuate the traffic control, and providing safety officer control of the intersection during peak traffic hours.

A review of the turning movement count data at the Four Corners intersection reveals that during the AM peak hour, a significant volume of traffic (418 vehicles) enters the intersection from the east and makes a right turn toward the main parking lots (P8 - 12). During the PM peak hour, the reverse happens with the heaviest flow of traffic from the main parking lots making a left turn onto Lamson Road (381 vehicles). All other turning movements are significantly less in volume (between 0 and 122 vehicles). The heavy vehicular turning movements are in direct conflict with

the heaviest pedestrian volumes across the Four Corners east leg of the intersection (between 414 and 484 pedestrians per hour), as shown in Table 2. During peak hours, the intersection is currently controlled by a security officer who controls the intersection similar to a traffic signal, allowing one approach to move at a time and allowing an exclusive pedestrian phase when needed. Accordingly, this intersection was analyzed as though controlled by a traffic signal for the purpose of accurately representing existing traffic operations.

Table 1
Existing Traffic Volume Summary

Location/Direction	Weekday Daily Volume ^a	AM Peak Hour Volume ^b	PM Peak Hour Volume ^c
Lamson Road west of Campbell Avenue			
Eastbound	2,102	74	548
<u>Westbound</u>	<u>2,068</u>	<u>591</u>	<u>50</u>
Total	4,170	665	598
Ring Road north of West Spring Street			
Northbound	1,533	259	112
<u>Southbound</u>	<u>1,603</u>	<u>79</u>	<u>181</u>
Total	3,136	338	293
Lamson Road east of Four Corners			
Eastbound	2,328	78	506
<u>Westbound</u>	<u>1,802</u>	<u>496</u>	<u>44</u>
Total	4,130	574	550
Ring Road Road west of Four Corners			
Eastbound	1,627	180	95
<u>Westbound</u>	<u>840</u>	<u>65</u>	<u>117</u>
Total	2,467	245	212
Main Parking Drive north of Four Corners			
Northbound	1,804	543	12
<u>Southbound</u>	<u>1,023</u>	<u>14</u>	<u>469</u>
Total	2,827	557	481
Building 5 Parking south of Four Corners			
Northbound	490	40	43
<u>Southbound</u>	<u>353</u>	<u>44</u>	<u>16</u>
Total	843	84	59

^a In vehicles per day. Represents average of five weekdays.

^b In vehicles per hour (represents one hour between 7:00 and 10:00 AM).

^c In vehicles per hour (represents one hour between 3:00 and 6:00 PM).

Table 2
Existing Pedestrian Volume Summary

Location/Direction	AM Peak Hour Volume ^a	PM Peak Hour Volume ^b
Lamson Road at Campbell Avenue		
East Leg	5	20
West Leg	2	6
North Leg	2	0
South Leg	7	8
Four Corners		
East Leg	484	414
West Leg	31	23
North Leg	5	10
South Leg	438	129
Ring Road at Bldg. 24		
East Leg	30	32
West Leg	0	0
North Leg	2	2
Ring Road at P4 Exit		
East Leg	15	8
West Leg	8	7
South Leg	1	0
Ring Road at Bldg. 2		
East Leg	0	3
North Leg	6	5
South Leg	0	0

^a In pedestrians per hour (one hour between 7:00 and 10:00 AM).

^b In pedestrians per hour (one hour between 3:00 and 6:00 PM).

Ring Road at P4 Exit and Building 24 Drive

The Ring Road forms two unsignalized intersections with the exit from the P4 parking lot and the driveway to Building 24. These intersections are offset from each other by approximately 70 feet and the Ring Road has back-to-back horizontal curves forming an “S” curve in the area of these intersections. Stop signs are located on the two driveway approaches to the Ring Road and on the Ring Road eastbound approach to the P4 exit drive and on the Ring Road westbound approach to the Building 24 driveway. The stop signs on the Ring Road eastbound approach and on the Building 24 driveway approach are not in compliance with Manual on Uniform Traffic

Control Devices (MUTCD)¹ guidelines. The stop signs on the Ring Road approaches create unconventional traffic control as only two out of three approaches to each intersection are under traffic control. Do-Not-Enter signs are placed on both sides of the P4 exit drive facing the Ring Road. However, the Do-Not-Enter sign on the right side of the exit drive blocks the view to the stop sign on that approach. Although traffic through these intersections is fairly light, the horizontal alignment of the Ring Road, the lack of pavement markings (centerline, edge lines, stop lines), and improper traffic control (stop signs on the Ring Road approaches) sometimes cause confusion among motorists. Pedestrian volume through this area is fairly light, except on the crosswalk across the east leg of the Building 24 driveway intersection (between Buildings 21 and 22). Between 30 and 32 pedestrians were counted crossing this area during the peak hours.

Ring Road at Building 2 Driveway

This intersection is a three-legged intersection under all-way stop control. However, the stop signs on all approaches are not in compliance with MUTCD guidelines. The stop sign and stop line on the Ring Road northbound approach is set too far back from the intersection, making visibility to cars on this approach difficult for motorists exiting the Building 2 driveway. The Building 2 driveway provides one 12-foot wide entering lane and two 10-foot wide exiting lanes, separated by a 10-foot wide raised median. The Building 2 driveway is used primarily for patient drop-off and pick-up activity as well as access to valet parking. During field observations, traffic entering the Building 2 driveway was observed to sometimes back up into the driveway due to the many cars waiting at the curb in the turnaround area. When this happens, traffic very quickly backs up as they have no place to go. Based on conversations with VA Hospital staff, this traffic can sometimes back up onto the Ring Road.

Campbell Avenue at Lamson Road

The Campbell Avenue and Lamson Road intersection currently operates under pre-timed traffic signal control, but only during peak hours. The remaining hours of the day, the signal goes on flash mode with flashing yellow indications for Campbell Avenue traffic and flashing red indications for the Lamson Road approach. When the intersection is controlled by a traffic signal, the Campbell Avenue northbound approach provides a lead phase for left turns into the VA Hospital Campus followed by a mainline phase allowing permissive left turns onto Lamson Road. Field observations revealed that the change-over between flashing mode and signal control mode is often confusing to drivers before they realize that traffic control at the intersection has changed. It was also noted that the pedestrian signal head in the southwest corner of the intersection was obscured by leaves from the adjacent tree.

¹*Manual on Uniform Traffic Control Devices*; Federal Highway Administration; Washington, DC; December 2009.

Accident Data

Accident data for the intersection of Campbell Avenue and Lamson Road were obtained from the West Haven Police Department for the period between January 2011 and July 2014. In addition, the accident report for the fatal accident that occurred at the Four Corners intersection was also obtained from the Police Department. A summary of the Campbell Avenue and Lamson Road accident data is provided in Table 3.

Table 3
Accident Summary

Location	Number of Accidents		Severity ^a			Accident Type ^b						% During Wet/Icy Conditions
	Total	Avg./Year	PD	PI	F	CM	RE	HO	FO	Ped	Other	
Campbell Avenue at Lamson Road	14	3.9	11	3	0	10	3	1	0	0	0	7%

Source: West Haven Police Department – January 2011 through July 2014 data.

^a PD = property damage only; PI = personal injury; F = fatality.

^b CM = cross movement/angle; RE = rear end; HO = head on; FO = fixed object; Ped = pedestrian.

As shown in Table 3, a total of 14 accidents occurred over the approximately 3 ½ year period, averaging just under four accidents per year. This number of accidents is generally not significant given the volume of traffic through the intersection. Almost 80 percent of the accidents involved only property damage and most of the accidents were angle, or cross-movement type accidents, which is not unusual given the fact that the majority of the time the intersection operates as an unsignalized intersection. However, and based on the descriptions provided in the accident reports, some of the accidents may have been the result of the change-over periods from flashing mode to full signal mode and vice versa. Recommendations are made in this report including allowing this intersection to operate under full signal mode 24-hour per day. This change could lead to a reduction in accidents at this location.

FUTURE TRAFFIC CONDITIONS

Future traffic volumes were estimated for the construction of a new parking lot to be located in the northwestern area of the VA Campus. The new parking lot will provide up to 250 parking spaces with access onto the Ring Road near the 90-degree bend in the road. The traffic to be generated by this new lot was conservatively estimated by assuming that 100 percent of the lot would be filled during the weekday AM peak hour and 100 percent of the lot would be emptied

during the weekday PM peak hour. Although these assumptions are conservatively high as not all vehicles will arrive and depart during the peak hours, they were made to test the roadway network and the improvements recommended in this report. The distribution of this additional traffic was estimated based on existing traffic distribution patterns at the entrances to the VA Hospital Campus. Accordingly, 80 percent of the new traffic was assumed to use Lamson Road to access Campbell Avenue where 55 percent would be oriented to and from the east and south and 25 percent would be oriented to and from the north. The remaining 20 percent of the new parking lot traffic would use the West Spring Street driveway. The traffic flow networks under projected future volume conditions with construction of the new parking lot are provided in the Appendix.

CAPACITY ANALYSIS

Level-of-service (LOS) analyses were conducted at the study area intersections under existing and projected volume conditions to determine existing operational conditions, the impact that the new parking lot traffic will have on traffic operations, and the effect of the recommended improvements as described later in this report. The capacity analysis methodology is based on the concepts and procedures in the *Highway Capacity Manual*^{2,3} (HCM). The maximum back of queue during a 95th percentile signal cycle were calculated for each lane group during the peak periods studied. The back of queue is the length of a backup of vehicles from the stop line of a signalized intersection to the last car in the queue that is required to stop, regardless of the signal indication. The length of this queue depends on a number of factors including signal timing, vehicle arrival patterns, and the saturation flow rate. For unsignalized intersections, the 95th percentile queue represents the length of queue of the critical minor-street movement that is not expected to be exceeded 95 percent of the time during the analysis period (typically one hour). In this case, the queue length is a function of the capacity of the movement and the movement's degree of saturation.

The Synchro version 8.0 analysis program was used for all capacity analyses. The use of the 2010 HCM method has limitations such as the methodology does not support shared permitted/protected left-turn phasing at signalized intersections and does not allow exclusive pedestrian phasing. Therefore, the 2000 HCM methodology was used in the analysis of the signalized intersections. For the purpose of these analyses, the Four Corner intersection was analyzed as a signalized intersection, as it is currently controlled by a safety officer who controls the intersection during peak periods much like a traffic signal would, allowing an exclusive phase for each approach to the intersection as well as an exclusive pedestrian phase. The 2010 methodology was used for all unsignalized intersections. The level-of-service and queue results are presented in Table 4 and are discussed below.

² *Highway Capacity Manual 2000*; Transportation Research Board; Washington, DC; 2000.

³ *Highway Capacity Manual 2010*; Transportation Research Board; Washington, DC; 2010.

Table 4
Level-of-Service Analysis Summary

Location/Peak Hour		Existing Volumes				Future Volumes				Future Volumes with Improvements			
		v/c ^a	Del. ^b	LOS ^c	Queue ^d	v/c	Del.	LOS	Queue	v/c	Del.	LOS	Queue
Campbell Avenue at Lamson Road													
<i>Weekday AM Peak</i>													
EB Left		0.07	16.4	B	25	0.07	16.4	B	25	0.12	18.7	B	27
EB Through		0.05	16.1	B	25	0.05	16.1	B	25	0.08	18.5	B	25
EB Right		0.04	3.2	A	25	0.04	3.2	A	25	0.04	2.8	A	25
NB Left		0.72	14.6	B	138	0.97	42.5	D	320	0.62	7.4	A	205
NB Thru/Right		0.24	5.5	A	65	0.24	5.5	A	65	0.17	1.5	A	33
SB Left/Thru		0.47	17.5	B	140	0.48	17.6	B	142	0.57	17.0	B	132
SB Right		0.33	9.2	A	61	0.43	10.0	A	80	0.49	11.1	B	80
Overall		---	12.3	B	---	---	23.8	C	---	---	9.1	A	---
<i>Weekday PM Peak</i>													
EB Left		0.29	19.0	B	78	0.43	21.1	C	112	0.39	14.1	B	86
EB Through		0.51	22.3	C	134	0.67	27.1	C	188	0.57	16.8	B	139
EB Right		0.22	2.0	A	25	0.29	2.1	A	27	0.28	2.1	A	27
NB Left		0.08	4.9	A	25	0.08	4.9	A	15	0.10	5.9	A	25
NB Thru/Right		0.35	6.4	A	98	0.35	6.4	A	98	0.43	7.7	A	103
SB Left/Thru		0.59	20.3	C	182	0.59	20.3	C	182	0.61	17.2	B	150
SB Right		0.02	0.0	A	0	0.02	0.0	A	0	0.02	0.1	A	0
Overall		---	13.3	B	---	---	14.8	B	---	---	11.5	B	---
Four Corners													
<i>Weekday AM Peak</i>													
EB Approach		0.47	29.0	C	145	0.50	29.7	C	145	0.26	9.6	A	25
WB Approach		0.77	21.3	C	297	1.23	142.1	F	717	0.81	21.8	C	230
NB Approach		0.21	15.9	B	31	0.22	16.2	B	31	0.02	8.9	A	25
SB Approach		0.03	0.1	A	0	0.03	0.1	A	0	0.07	9.0	A	25
<i>Weekday PM Peak</i>													
EB Approach		0.34	30.3	C	87	1.08	104.5	F	307	0.60	17.2	C	98
WB Approach		0.16	23.7	C	43	0.17	23.9	C	43	0.10	10.1	B	25
NB Approach		0.20	1.6	A	0	0.20	1.7	A	0	0.09	9.3	A	25
SB Approach		0.80	38.6	D	476	0.89	46.5	D	476	0.86	33.3	D	255

^a Volume-to-capacity ratio

^b Average control delay in seconds per vehicle

^c Level of service

^d 95th percentile queue in feet, assuming 25 feet per vehicle

Table 4 (continued)
Level-of-Service Analysis Summary

Location/Peak Hour Movement	Existing Volumes				Future Volumes				Future Volumes with Improvements			
	v/c ^a	Del. ^b	LOS ^c	Queue ^d	v/c	Del.	LOS	Queue	v/c	Del.	LOS	Queue
Ring Road at Building 24 Driveway												
<i>Weekday AM Peak</i>												
SB Approach	0.02	9.8	A	25	0.02	11.3	B	25	0.02	11.3	B	25
EB Left	0.01	7.5	A	0	0.01	8.0	A	0	0.01	8.0	A	0
<i>Weekday PM Peak</i>												
SB Approach	0.02	9.8	A	25	0.02	10.4	B	25	0.02	10.4	B	25
EB Left	0.00	7.6	A	0	0.00	7.6	A	0	0.00	7.6	A	0
Ring Road at P4 Exit Driveway												
<i>Weekday AM Peak</i>												
NB Approach	0.17	10.8	B	25	0.21	12.6	B	25	0.21	12.6	B	25
<i>Weekday PM Peak</i>												
NB Approach	0.16	9.9	A	25	0.21	11.9	B	25	0.21	11.9	B	25
Ring Road at Building 2 Driveway												
<i>Weekday AM Peak</i>												
WB Approach	0.06	9.0	A	25	0.07	9.1	A	25	0.08	8.2	A	25
NB Approach	0.32	8.8	A	33	0.38	9.5	A	45	0.38	9.4	A	43
SB Approach	0.16	8.2	A	25	0.16	8.4	A	25	0.16	8.4	A	25
<i>Weekday PM Peak</i>												
WB Approach	0.07	8.9	A	25	0.07	9.1	A	25	0.09	8.2	A	25
NB Approach	0.15	7.8	A	25	0.15	7.9	A	25	0.15	7.8	A	25
SB Approach	0.27	8.9	A	25	0.34	9.4	A	38	0.33	9.3	A	35

^a Volume-to-capacity ratio

^b Average control delay in seconds per vehicle

^c Level of service

^d 95th percentile queue in feet, assuming 25 feet per vehicle

As shown in these tables, the Campbell Avenue and Lamson Road intersection currently operates at desirable levels (LOS B) during the peak hours. With the additional traffic from the 250-space parking lot, acceptable intersection operations will remain, although longer delays (LOS D) are noted for northbound left turns into the VA Hospital during the weekday AM peak hour

and for the eastbound Lamson Road approach (LOS C) during the weekday PM peak hour. Improvements are recommended at this intersection as described in the *Recommended Improvements* section of this report.

At the Four Corners intersection, the current safety officer control at the intersection allows acceptable traffic operations on each approach. However, long queues (297 feet) are noted on the westbound Lamson Road approach during the weekday MA peak hour and on the Main Parking Lot driveway southbound approach (476 feet) during the weekday PM peak hour. The additional traffic from the new 250-space parking lot creates significant additional delays (LOS F) on the westbound Lamson Road approach during the AM peak hour and on the eastbound Ring Road approach (LOS F) during the PM peak hour. Vehicle queues will also be significantly exacerbated on these approaches with 717 feet of queuing projected on Lamson Road during the AM peak hour and 307 feet projected on the Ring Road during the PM peak hour. Improvements are recommended at this intersection as described in the *Recommended Improvements* section of this report.

Traffic operations at the Ring Road intersections with the P4 exit driveway, the driveway to Building 24, and the driveway to Building 2 will remain at desirable levels (LOA A to B) under all analysis conditions. However, improvements are recommended at these intersections as described in the *Recommended Improvements* section of this report to enhance traffic flow and traffic control.

RECOMMENDED IMPROVEMENTS

Improvements are recommended at each of the study locations and sketches of these improvements are provided in the Appendix. A sign and pavement marking legend including recommended sizes is also provided in the Appendix, as is a summary of estimated construction costs for implementation of each of the improvements. An attempt was made at providing both short- and long-term recommendations at selected locations. However, based on the analyses of traffic flow and safety considerations, it was deemed that the improvements outlined below are necessary to provide a meaningful improvement in traffic operations and pedestrian safety. The improvements are specific to each of the study locations and can be implemented independent of one another, depending on the availability of funds.

Four Corners

As described in the *Existing Conditions* section, the highest volume of pedestrian traffic (across the Lamson Road leg of the intersection) is currently in direct conflict with the highest traffic movements through this intersection. The additional traffic from the 250-space parking lot will exacerbate this condition and create excessive delays and queues, even with the current safety

officer control of the intersection. It is therefore recommended that the flow of pedestrian traffic be redirected so it is no longer in conflict with the high vehicular traffic movements. This can be accomplished by constructing a raised crosswalk across the Main Parking Lot driveway between parking lots P8 and P9 and constructing a 10-foot wide sidewalk along the west side of the Main Parking Lot driveway. Raised crosswalks should also be constructed across the Ring Road leg and the Building 5 leg of the intersection. The installation of raised crosswalks (3-inches above street grade) will add significant visibility to the crosswalks and will force motorists to slow down. The crosswalks can be constructed using stamped concrete or colored asphalt, adding additional visibility and aesthetics. They would also minimize maintenance by eliminating the need for annual painting of the crosswalks.

In addition to these changes, a channelized right-turn lane should be constructed to accommodate the heavy volume of right-turning traffic from Lamson Road westbound onto the Main Parking Lot driveway. This movement should then be placed under Yield-sign control. The remaining traffic movements at the intersection should remain under all-way stop control. Appropriate signing and pavement markings should be placed as shown on the improvement sketch provided in the Appendix. With these modifications, significant improvement in pedestrian safety can be accomplished and the intersection can operate at acceptable levels (LOS A to D) without the aid of a safety officer controlling the intersection. Vehicle queues would also be significantly reduced on all critical approaches, as shown in Table 4. Safety officer control of the new raised crosswalk across the Main Parking Lot driveway should be considered during peak times to assure compliance with the redirected flow of pedestrian traffic and to aid vehicular capacity through this area. The above improvements are estimated to cost \$220,000 as documented in the preliminary construction cost estimate provided in the Appendix.

Ring Road at P4 Exit and Building 24 Driveway

Signing, striping, and pedestrian safety improvements are recommended at these intersections to allow improved traffic flow, standardized traffic control, and improved visibility to the existing pedestrian crosswalk. As shown on the improvement sketch provided in the Appendix, it is recommended that double yellow centerline and solid white edge line striping be added to the Ring Road to clarify lane use and direction of travel in the area of the Ring Road “S” curve. The edge-line striping to the east of the Building 24 driveway will also help to delineate the travel lane from the adjacent loading and parking area on the north side of the Ring Road.

The existing stop signs and stop lines on the Ring Road approaches to these intersections should be removed as they create unconventional traffic control as only two out of three approaches to each intersection are under traffic control. Removing these stop signs allows each intersection to operate as a standard T-type intersection with stop control only on the minor street approaches. The existing stop sign on the Building 24 driveway approach should be replaced with an MUTCD compliant sign as shown in the Appendix. The Do-Not-Enter sign on the right side of the P4 Exit drive currently blocks the view to the stop sign. This sign should be removed and an MUTCD compliant Do-Not-Enter sign should be mounted on the back of the existing stop sign.

A stop line should be added across the entire P4 Exit drive to reinforce the one-way nature of this driveway. The P5 driveway into the P4 parking lot should be signed and striped allowing right turns only to reinforce the one-way nature of the P4 Exit drive.

Finally, the existing crosswalk across the Ring Road between Buildings 21 and 22 should be raised (3-inches above street grade) to add visibility to the crosswalk and force motorists to slow down. The crosswalk can be constructed using stamped concrete or colored asphalt, adding additional visibility and aesthetics. It would also minimize maintenance by eliminating the need for annual painting of the crosswalk. The above improvements are estimated to cost \$25,000 as documented in the preliminary construction cost estimate provided in the Appendix.

Ring Road at Building 2 Driveway

Based on the capacity analyses, intersection operations are at desirable levels under both existing and future volume conditions and the intersection should remain under all-way stop control. However, the existing stop signs are not MUTCD compliant and should be replaced in accordance with the recommended signs as shown in the Appendix. In addition, the stop line on the Ring Road north bound approach is set too far back from the intersection making visibility to cars on this approach difficult. The stop sign and stop line should be moved closer to the intersection as shown on the sketch provided in the Appendix. The centerline pavement striping along the Ring Road should be replaced with a double yellow centerline. Also shown on this sketch is a relocation of the median in the Building 2 driveway to create two entering lanes and one exiting lane. Providing two entering lanes will eliminate the blocking of the entrance that sometimes occurs from motorists waiting at the curb to drop off and pick up patients. The median can either be relocated as shown on the sketch, or eliminated entirely. The above improvements are estimated to cost \$35,000 as documented in the preliminary construction cost estimate provided in the Appendix. This estimate assumes relocation of the median island. Elimination of the island would reduce the cost estimate.

Campbell Avenue at Lamson Road

Although traffic operations at this intersection are projected at acceptable levels with the addition of the new parking lot, the existing signal operation, which provides signal control only during peak traffic hours and is on flash mode the rest of the day, creates confusion among motorists during times of the change-over from full signal mode to flash mode (and vice versa). Review of the traffic accident data suggest that some of the crashes may have occurred due to this condition. In addition, when in full signal mode, the intersection operates on a pre-timed basis, providing the same amount of green time for each movement regardless of traffic demand. It is therefore recommended that the intersection operate in full signal mode 24-hours per day and that the signal equipment be upgraded to allow fully-actuated control. This will allow the signal operation to be responsive to the traffic demands during the various hours of the day by providing sufficient green time to the various movements through the intersection based on the

actual volume of traffic. Significant improvement in traffic operations can be attained as documented in Table 4. Finally, the tree branches in the southwest corner of the intersection should be trimmed so they no longer block visibility to the pedestrian signal head adjacent to this tree. The above-recommended improvements would require approval by the City of West Haven.

APPENDIX

Traffic Count Data
Traffic Flow Networks
Intersection Improvement Sketches
Sign and Pavement Marking Summary
Preliminary Construction Cost Estimate

Traffic Count Data

Accurate Counts
978-664-2565

Site Code: 13065002
13065002

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Start Time	11-Aug-14				Tue				Wed				Thu				Fri				Sat				Sun				Week Average			
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	7	1	14	4	11	1	15	1	19	4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13	2	13	2
01:00	0	1	6	2	3	2	1	1	2	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2	2	2	2	2
02:00	2	0	0	0	0	1	1	1	1	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1	1	0	0
03:00	0	0	2	1	0	1	2	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1	1	0	0
04:00	1	4	3	7	3	8	2	5	1	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2	2	2	5	5
05:00	9	21	10	25	8	19	10	21	10	29	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9	9	9	23	23
06:00	40	111	34	115	31	109	40	125	38	91	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	37	37	37	110	110
07:00	113	249	78	250	72	256	72	242	85	229	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	84	84	245	245	245
08:00	82	186	104	190	73	172	83	186	75	172	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	83	83	181	181	181
09:00	118	164	104	133	97	132	109	159	91	127	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	104	104	143	143	143
10:00	142	127	132	132	104	111	121	104	123	105	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	124	124	116	116	116
11:00	154	88	143	101	140	77	144	102	124	83	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	141	141	90	90	90
12:00 PM	122	116	107	125	101	119	132	113	123	101	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	117	117	115	115	115
01:00	123	126	115	125	110	124	125	115	125	96	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	120	120	117	117	117
02:00	153	89	152	115	142	117	140	117	118	93	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	141	141	106	106	106
03:00	178	100	213	81	175	99	181	90	159	80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	181	181	90	90	90
04:00	233	54	237	59	210	51	232	64	196	57	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	222	222	57	57	57
05:00	88	33	95	37	88	31	67	63	85	41	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	85	85	41	41	41
06:00	42	24	37	30	53	23	51	30	53	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	47	47	29	29	29
07:00	21	23	28	28	20	31	26	26	21	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	23	23	26	26	26
08:00	19	7	23	8	20	12	25	10	28	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	23	23	10	10	10
09:00	10	12	10	9	11	3	10	7	12	6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11	11	7	7	7
10:00	6	6	9	6	7	2	10	7	9	6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8	8	5	5	5
11:00	26	12	26	14	22	11	22	14	26	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	24	24	13	13	13
Lane	1689	1554	1682	1597	1501	1512	1621	1603	1525	1413	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1603	1603	1533	1533	1533
Day	3243		3279		3013		3224		2938				3224		2938				0									3136				3136
AM Peak	11:00	07:00	11:00	07:00	11:00	07:00	11:00	07:00	11:00	07:00	-	-	07:00	07:00	11:00	07:00	-	-	-	-	-	-	-	-	-	-	-	11:00	11:00	07:00	07:00	07:00
Vol.	154	249	143	250	140	256	144	242	124	229	-	-	242	229	124	229	-	-	-	-	-	-	-	-	-	-	-	141	141	245	245	245
PM Peak	16:00	13:00	16:00	12:00	16:00	13:00	16:00	14:00	16:00	12:00	-	-	16:00	12:00	16:00	12:00	-	-	-	-	-	-	-	-	-	-	-	16:00	16:00	13:00	13:00	13:00
Vol.	233	126	237	125	210	124	232	117	196	101	-	-	232	117	196	101	-	-	-	-	-	-	-	-	-	-	-	222	222	117	117	117

Comb. Total	3243	3279	3013	3224	2938	0	0	3136
ADT	ADT 3,139	AADT 3,139						

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	11-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	6	6	13	4	9	4	8	0	8	7	*	*	*	*	9	4
01:00	4	2	3	0	4	2	7	0	5	1	*	*	*	*	5	1
02:00	3	1	0	1	4	0	0	0	8	2	*	*	*	*	3	1
03:00	1	0	0	1	3	2	4	0	4	1	*	*	*	*	2	1
04:00	6	0	5	0	4	1	8	0	0	0	*	*	*	*	5	0
05:00	11	12	19	12	20	8	12	14	23	10	*	*	*	*	17	11
06:00	68	39	71	42	73	35	83	43	68	51	*	*	*	*	73	42
07:00	163	94	194	61	185	82	185	75	169	66	*	*	*	*	179	76
08:00	134	81	185	73	126	54	155	74	154	83	*	*	*	*	151	73
09:00	131	81	102	66	125	53	107	88	85	80	*	*	*	*	110	74
10:00	118	73	126	69	173	6	104	61	112	48	*	*	*	*	127	51
11:00	138	60	118	58	180	15	132	69	107	66	*	*	*	*	135	54
12:00 PM	114	90	136	63	168	7	134	90	119	80	*	*	*	*	134	66
01:00	97	71	133	78	168	10	122	90	91	74	*	*	*	*	122	65
02:00	129	83	130	79	165	18	123	74	103	58	*	*	*	*	130	62
03:00	124	78	159	88	213	13	131	80	127	99	*	*	*	*	151	72
04:00	84	114	81	113	211	10	85	126	67	89	*	*	*	*	106	90
05:00	53	55	51	59	88	0	38	49	49	43	*	*	*	*	56	41
06:00	19	22	34	23	50	0	35	31	32	27	*	*	*	*	34	21
07:00	17	21	22	10	43	0	18	15	19	13	*	*	*	*	24	12
08:00	12	11	16	7	33	0	12	9	13	13	*	*	*	*	17	8
09:00	13	4	11	3	13	0	10	4	2	9	*	*	*	*	10	4
10:00	4	3	2	4	6	0	9	3	4	5	*	*	*	*	5	3
11:00	23	11	18	7	33	0	17	11	17	11	*	*	*	*	22	8
Lane	1472	1012	1629	921	2097	320	1539	1006	1386	936	0	0	0	0	1627	840
Day	2484		2550		2417		2545		2322		0		0		2467	
AM Peak Vol.	07:00 163	07:00 94	07:00 194	08:00 73	07:00 185	07:00 82	07:00 185	09:00 88	07:00 169	08:00 83	-	-	-	-	07:00 179	07:00 76
PM Peak Vol.	14:00 129	16:00 114	15:00 159	16:00 113	14:00 213	14:00 18	12:00 134	16:00 126	15:00 127	15:00 99	-	-	-	-	15:00 151	16:00 90

Comb. Total	2484	2550	2417	2545	2322	0	2467	0	2467
ADT	ADT 2,464	AADT 2,464							

Accurate Counts
978-664-2565

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	11-Aug-08		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	1	1	3	8	0	11	4	7	2	7	*	*	*	*	2	7
01:00	2	1	0	0	1	0	2	4	5	5	*	*	*	*	2	2
02:00	1	2	0	0	0	1	0	1	3	3	*	*	*	*	1	1
03:00	3	1	1	2	3	4	0	0	0	0	*	*	*	*	1	1
04:00	5	2	4	1	5	0	11	5	3	1	*	*	*	*	6	2
05:00	27	1	33	3	34	3	27	3	38	4	*	*	*	*	32	3
06:00	161	24	142	64	165	28	211	27	163	19	*	*	*	*	168	32
07:00	530	38	519	41	543	18	522	18	441	52	*	*	*	*	511	33
08:00	284	19	300	19	253	57	281	53	266	33	*	*	*	*	277	36
09:00	85	39	85	41	84	33	90	39	89	39	*	*	*	*	87	38
10:00	63	33	80	56	62	32	51	50	52	38	*	*	*	*	62	42
11:00	49	58	53	53	49	64	47	43	41	68	*	*	*	*	48	57
12:00 PM	64	65	64	53	63	65	83	83	73	79	*	*	*	*	69	69
01:00	60	42	52	43	64	64	73	54	48	67	*	*	*	*	59	54
02:00	59	68	63	59	43	94	54	86	46	70	*	*	*	*	53	75
03:00	121	108	111	104	84	144	86	125	45	160	*	*	*	*	89	128
04:00	248	177	165	298	247	153	303	132	168	150	*	*	*	*	226	182
05:00	81	131	72	132	110	97	83	111	26	118	*	*	*	*	74	118
06:00	46	34	5	61	10	76	8	70	14	65	*	*	*	*	17	61
07:00	10	45	4	35	33	8	4	43	6	26	*	*	*	*	11	31
08:00	9	31	1	17	5	33	1	36	0	31	*	*	*	*	3	30
09:00	3	12	9	11	2	5	1	7	0	4	*	*	*	*	3	8
10:00	1	6	0	9	0	3	0	2	1	5	*	*	*	*	0	5
11:00	2	7	4	7	4	8	3	8	3	8	*	*	*	*	3	8
Lane	1915	945	1770	1117	1864	1001	1945	1007	1533	1052	0	0	0	0	1804	1023
Day	2860		2887		2865		2952		2585		0		0		2827	
AM Peak Vol.	07:00	11:00	07:00	06:00	07:00	11:00	07:00	08:00	07:00	11:00	-	-	-	-	07:00	11:00
	530	58	519	64	543	64	522	53	441	68	-	-	-	-	511	57
PM Peak Vol.	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	15:00	-	-	-	-	16:00	16:00
	248	177	165	298	247	153	303	132	168	160	-	-	-	-	226	182

Comb. Total	2860	2887	2865	2952	2585	0	2827
ADT	ADT 2,830	AADT 2,830					

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	11-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	4	14	5	27	3	25	4	20	3	21	*	*	*	*	4	21
01:00	0	1	0	3	2	3	1	11	1	6	*	*	*	*	1	5
02:00	1	3	1	0	0	5	0	1	2	8	*	*	*	*	1	3
03:00	1	2	4	3	3	2	3	2	1	3	*	*	*	*	2	2
04:00	4	6	1	3	8	2	7	7	3	1	*	*	*	*	5	4
05:00	40	2	46	6	44	8	36	23	47	9	*	*	*	*	43	10
06:00	178	30	199	42	174	40	204	43	178	43	*	*	*	*	187	40
07:00	362	205	458	77	446	106	368	176	423	69	*	*	*	*	411	127
08:00	310	95	278	128	263	116	264	142	267	103	*	*	*	*	276	117
09:00	137	102	148	87	144	101	130	107	144	101	*	*	*	*	141	100
10:00	122	104	95	120	104	116	98	124	80	119	*	*	*	*	100	117
11:00	85	154	87	122	86	148	82	161	83	153	*	*	*	*	85	148
12:00 PM	136	148	118	142	122	132	138	161	110	165	*	*	*	*	125	150
01:00	102	116	116	119	108	118	104	146	92	121	*	*	*	*	104	124
02:00	100	164	102	177	89	184	99	172	69	148	*	*	*	*	92	169
03:00	65	291	76	311	72	314	65	280	72	263	*	*	*	*	70	292
04:00	37	459	40	508	37	444	34	435	27	358	*	*	*	*	35	441
05:00	22	229	26	228	55	189	27	210	16	163	*	*	*	*	29	204
06:00	22	89	22	84	24	86	25	101	31	83	*	*	*	*	25	89
07:00	27	50	25	58	31	60	34	53	26	41	*	*	*	*	29	52
08:00	11	41	9	35	12	53	9	56	8	42	*	*	*	*	10	45
09:00	6	27	3	26	6	15	4	20	7	5	*	*	*	*	5	19
10:00	5	14	5	15	8	12	6	11	9	11	*	*	*	*	7	13
11:00	17	34	14	36	16	35	16	42	14	34	*	*	*	*	15	36
Lane	1794	2380	1878	2357	1857	2314	1758	2504	1713	2070	0	0	0	0	1802	2328
Day	4174	4235	4235	4171	4171	4262	4262	4262	3783	3783	0	0	0	0	4130	4130
AM Peak	07:00	07:00	07:00	08:00	07:00	11:00	07:00	07:00	07:00	11:00	-	-	-	-	07:00	11:00
Vol.	362	205	458	128	446	148	368	176	423	153	-	-	-	-	411	148
PM Peak	12:00	16:00	12:00	16:00	12:00	16:00	12:00	16:00	12:00	16:00	-	-	-	-	12:00	16:00
Vol.	136	459	118	508	122	444	138	435	110	358	-	-	-	-	125	441

Comb. Total 4174 4235 4171 4262 3783 0 4130

ADT ADT 4,125 AADT 4,125

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	11-Aug-14				Tue				Wed				Thu				Fri				Sat				Sun				Week Average				
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	
12:00 AM	10	0	14	2	9	0	15	0	11	3	3	0	11	3	3	0	11	3	3	0	3	0	3	0	3	0	3	0	12	1	12	1	
01:00	0	0	0	0	0	0	4	0	3	2	2	0	4	0	2	0	3	2	2	0	2	0	2	0	2	0	2	0	1	1	1	0	
02:00	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
04:00	2	2	1	1	2	2	2	0	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
05:00	0	4	0	8	0	7	9	4	1	5	5	4	9	4	1	5	1	5	1	5	1	5	1	5	1	5	1	2	2	2	2	6	
06:00	6	22	11	33	26	34	9	29	9	21	21	29	9	21	21	29	9	21	21	29	9	21	21	29	9	21	12	12	12	12	28	28	
07:00	18	41	25	47	67	37	25	45	22	34	34	45	22	34	34	45	22	34	34	45	22	34	34	45	22	34	31	41	41	41	41	41	
08:00	33	41	39	31	71	18	41	38	49	42	42	38	41	38	42	38	49	42	42	38	42	42	38	42	38	42	47	47	47	47	34	34	
09:00	24	33	19	28	61	5	24	27	26	34	34	27	26	34	34	27	26	34	34	27	26	34	34	27	26	31	31	31	31	25	25	25	
10:00	18	15	26	22	55	3	18	25	23	24	24	25	23	24	24	25	23	24	24	25	23	24	24	25	23	28	28	28	28	18	18	18	
11:00	23	18	31	26	46	0	29	25	34	27	27	25	34	27	27	25	34	27	27	25	34	27	27	25	34	33	33	33	33	19	19	19	
12:00 PM	34	28	26	25	43	0	35	41	32	38	38	41	32	38	38	41	32	38	38	41	32	38	38	41	32	33	33	33	33	26	26	26	
01:00	24	23	21	28	46	1	43	34	31	23	23	34	31	23	23	34	31	23	23	34	31	23	23	34	31	22	22	22	22	22	22	22	22
02:00	34	32	35	34	68	0	36	39	29	26	26	39	29	26	26	39	29	26	26	39	29	26	26	39	29	26	40	40	40	40	26	26	26
03:00	29	29	34	34	78	0	35	48	29	39	39	48	29	39	39	48	29	39	39	48	29	39	39	48	29	26	26	26	26	14	14	14	14
04:00	41	16	36	18	67	1	37	16	35	20	20	16	35	20	20	16	35	20	20	16	35	20	20	16	35	43	43	43	43	14	14	14	14
05:00	19	11	30	19	37	0	19	15	25	13	13	15	25	13	13	15	25	13	13	15	25	13	13	15	25	26	26	26	26	12	12	12	12
06:00	16	10	10	15	26	1	13	12	11	19	19	12	11	19	19	12	11	19	19	12	11	19	19	12	11	15	15	15	15	11	11	11	11
07:00	12	22	11	23	38	0	10	27	10	21	21	27	10	21	21	27	10	21	21	27	10	21	21	27	10	16	16	16	16	19	19	19	19
08:00	6	10	11	3	17	0	6	3	5	4	4	3	5	4	4	3	5	4	4	3	5	4	4	3	5	9	9	9	9	4	4	4	4
09:00	5	4	3	1	8	0	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	2	2	2	2
10:00	7	4	7	5	14	0	1	4	5	6	6	4	5	6	6	4	5	6	6	4	5	6	6	4	5	7	7	7	7	4	4	4	4
11:00	14	14	22	11	30	0	26	10	17	11	11	10	17	11	11	10	17	11	11	10	17	11	11	10	17	22	22	22	22	9	9	9	9
Lane	377	381	413	415	809	111	445	444	410	415	415	444	410	415	415	444	410	415	415	444	410	415	415	444	410	415	0	0	0	0	490	353	353
Day	758		828	828	920	920	889	889	825	825	825	889	825	825	825	889	825	825	825	889	0	0	0	0	0	0	843	843	843	843	843	843	843

AM Peak	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00
Vol.	33	41	39	47	71	37	41	45	49	42	42	45	49	42	42	45	49	42	42	45	49	42	42	45	49	42	42	45	49	42	42	45
PM Peak	16:00	14:00	16:00	14:00	15:00	13:00	13:00	15:00	16:00	15:00	15:00	13:00	16:00	15:00	16:00	15:00	16:00	15:00	16:00	15:00	16:00	15:00	16:00	15:00	16:00	15:00	16:00	15:00	16:00	15:00	16:00	15:00
Vol.	41	32	36	34	78	1	43	48	35	39	39	48	35	39	39	48	35	39	39	48	35	39	39	48	35	39	39	48	35	39	39	48

Comb. Total	758	828	920	889	825	843
ADT	ADT 844	AADT 844				

Accurate Counts
978-664-2565

Page 1

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	08-Aug-14 Fri	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		*	34			*	20				
12:15		*	29			*	25				
12:30		*	28			*	20				
12:45		*	27	0	118	*	17	0	82	0	200
01:00		*	29			*	35				
01:15		*	31			*	11				
01:30		*	26			*	22				
01:45		*	23	0	109	*	23	0	91	0	200
02:00		*	30			*	24				
02:15		*	26			*	28				
02:30		*	37			*	19				
02:45		*	34	0	127	*	16	0	87	0	214
03:00		*	27			*	23				
03:15		*	29			*	22				
03:30		*	60			*	13				
03:45		*	36	0	152	*	19	0	77	0	229
04:00		*	61			*	19				
04:15		*	52			*	10				
04:30		*	43			*	21				
04:45		*	29	0	185	*	11	0	61	0	246
05:00		*	25			*	13				
05:15		*	20			*	17				
05:30		*	18			*	3				
05:45		*	11	0	74	*	7	0	40	0	114
06:00		*	7			*	8				
06:15		*	10			*	5				
06:30		*	9			*	4				
06:45		*	7	0	33	*	4	0	21	0	54
07:00		*	8			*	8				
07:15		*	9			*	12				
07:30		*	7			*	3				
07:45		*	6	0	30	*	4	0	27	0	57
08:00		25	7			61	4				
08:15		17	5			57	5				
08:30		19	3			57	1				
08:45		20	9	81	24	55	1	230	11	311	35
09:00		22	3			46	3				
09:15		23	1			31	1				
09:30		25	2			40	3				
09:45		30	1	100	7	39	3	156	10	256	17
10:00		33	4			29	1				
10:15		30	1			23	0				
10:30		20	0			22	0				
10:45		20	2	103	7	29	2	103	4	206	11
11:00		26	3			20	0				
11:15		30	4			19	6				
11:30		36	7			17	6				
11:45		29	10	121	24	21	2	77	14	198	38
Total		405	890			566	525			971	1415
Percent		31.3%	68.7%			51.9%	48.1%			40.7%	59.3%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	09-Aug-14 Sat	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	7			2	8				
12:15		5	8			0	7				
12:30		0	5			0	6				
12:45		1	5	13	25	0	4	2	25	15	50
01:00		0	8			1	7				
01:15		0	5			0	7				
01:30		0	5			0	6				
01:45		1	15	1	33	2	7	3	27	4	60
02:00		2	9			0	4				
02:15		0	8			0	5				
02:30		0	5			0	1				
02:45		1	7	3	29	0	4	0	14	3	43
03:00		0	12			0	7				
03:15		0	10			0	9				
03:30		0	13			1	8				
03:45		0	8	0	43	0	9	1	33	1	76
04:00		0	14			0	3				
04:15		0	9			0	3				
04:30		0	0			1	4				
04:45		0	7	0	30	1	3	2	13	2	43
05:00		0	8			0	5				
05:15		1	4			1	1				
05:30		0	5			2	2				
05:45		1	5	2	22	7	4	10	12	12	34
06:00		1	4			4	3				
06:15		0	4			5	3				
06:30		6	4			7	2				
06:45		4	1	11	13	6	4	22	12	33	25
07:00		5	1			8	7				
07:15		2	4			16	7				
07:30		5	5			11	1				
07:45		12	2	24	12	11	2	46	17	70	29
08:00		8	4			8	3				
08:15		6	0			6	1				
08:30		8	1			7	1				
08:45		6	1	28	6	6	1	27	6	55	12
09:00		1	2			3	1				
09:15		5	2			4	3				
09:30		6	6			4	4				
09:45		5	2	17	12	8	3	19	11	36	23
10:00		3	4			3	1				
10:15		3	1			8	0				
10:30		6	1			10	1				
10:45		6	1	18	7	4	0	25	2	43	9
11:00		3	3			4	1				
11:15		3	1			4	3				
11:30		7	5			8	4				
11:45		9	5	22	14	5	2	21	10	43	24
Total		139	246			178	182			317	428
Percent		36.1%	63.9%			49.4%	50.6%			42.6%	57.4%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	10-Aug-14 Sun	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	7			1	4				
12:15		0	2			0	5				
12:30		0	7			0	6				
12:45		0	3	7	19	0	5	1	20	8	39
01:00		0	5			1	7				
01:15		2	3			0	3				
01:30		1	1			1	3				
01:45		0	3	3	12	1	1	3	14	6	26
02:00		0	4			1	0				
02:15		1	2			0	1				
02:30		0	4			0	2				
02:45		1	5	2	15	0	6	1	9	3	24
03:00		0	2			0	4				
03:15		0	14			0	9				
03:30		0	13			0	5				
03:45		0	4	0	33	0	7	0	25	0	58
04:00		0	8			0	1				
04:15		1	4			1	4				
04:30		1	6			1	3				
04:45		0	6	2	24	0	7	2	15	4	39
05:00		0	5			0	3				
05:15		0	3			1	1				
05:30		1	3			0	3				
05:45		0	0	1	11	2	1	3	8	4	19
06:00		0	1			2	2				
06:15		0	2			3	1				
06:30		3	2			3	2				
06:45		1	3	4	8	0	1	8	6	12	14
07:00		5	2			5	6				
07:15		0	6			16	7				
07:30		6	5			7	2				
07:45		3	9	14	22	1	5	29	20	43	42
08:00		13	5			3	2				
08:15		1	3			2	1				
08:30		0	0			2	0				
08:45		2	0	16	8	4	0	11	3	27	11
09:00		5	1			3	0				
09:15		1	4			1	0				
09:30		1	2			4	0				
09:45		3	1	10	8	2	2	10	2	20	10
10:00		5	5			5	3				
10:15		3	1			0	0				
10:30		1	3			3	1				
10:45		3	0	12	9	5	1	13	5	25	14
11:00		7	4			8	0				
11:15		2	2			2	5				
11:30		2	6			4	5				
11:45		2	2	13	14	7	1	21	11	34	25
Total		84	183			102	138			186	321
Percent		31.5%	68.5%			42.5%	57.5%			36.7%	63.3%

Accurate Counts
978-664-2565

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	11-Aug-14 Mon	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	27			1	30				
12:15		1	33			0	30				
12:30		1	26			0	27				
12:45		1	36	7	122	0	29	1	116	8	238
01:00		0	31			1	33				
01:15		0	30			0	30				
01:30		0	34			0	37				
01:45		0	28	0	123	0	26	1	126	1	249
02:00		1	34			0	25				
02:15		1	44			0	19				
02:30		0	29			0	19				
02:45		0	46	2	153	0	26	0	89	2	242
03:00		0	44			0	23				
03:15		0	30			0	34				
03:30		0	61			0	21				
03:45		0	43	0	178	0	22	0	100	0	278
04:00		0	75			2	14				
04:15		0	55			2	12				
04:30		1	66			0	15				
04:45		0	37	1	233	0	13	4	54	5	287
05:00		1	27			4	10				
05:15		0	26			0	8				
05:30		4	18			8	6				
05:45		4	17	9	88	9	9	21	33	30	121
06:00		2	11			20	5				
06:15		10	12			22	10				
06:30		14	11			29	3				
06:45		14	8	40	42	40	6	111	24	151	66
07:00		19	7			36	2				
07:15		35	6			62	10				
07:30		18	4			69	5				
07:45		41	4	113	21	82	6	249	23	362	44
08:00		22	6			53	2				
08:15		14	6			45	2				
08:30		28	6			49	2				
08:45		18	1	82	19	39	1	186	7	268	26
09:00		19	4			53	3				
09:15		30	2			27	2				
09:30		39	3			38	4				
09:45		30	1	118	10	46	3	164	12	282	22
10:00		36	0			34	3				
10:15		30	1			30	1				
10:30		39	4			26	2				
10:45		37	1	142	6	37	0	127	6	269	12
11:00		33	3			14	2				
11:15		26	5			32	6				
11:30		48	8			28	4				
11:45		47	10	154	26	14	0	88	12	242	38
Total		668	1021			952	602			1620	1623
Percent		39.6%	60.4%			61.3%	38.7%			50.0%	50.0%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	12-Aug-14 Tue	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	23			2	25				
12:15		4	30			1	32				
12:30		1	37			1	40				
12:45		2	17	14	107	0	28	4	125	18	232
01:00		2	25			0	18				
01:15		3	25			2	36				
01:30		0	35			0	34				
01:45		1	30	6	115	0	37	2	125	8	240
02:00		0	31			0	31				
02:15		0	46			0	28				
02:30		0	32			0	32				
02:45		0	43	0	152	0	24	0	115	0	267
03:00		0	50			0	27				
03:15		0	49			1	25				
03:30		1	67			0	14				
03:45		1	47	2	213	0	15	1	81	3	294
04:00		0	68			3	18				
04:15		1	56			1	13				
04:30		1	72			1	21				
04:45		1	41	3	237	2	7	7	59	10	296
05:00		0	32			7	15				
05:15		3	19			3	6				
05:30		2	25			1	11				
05:45		5	19	10	95	14	5	25	37	35	132
06:00		4	13			16	9				
06:15		7	10			26	6				
06:30		11	9			26	8				
06:45		12	5	34	37	47	7	115	30	149	67
07:00		20	8			54	8				
07:15		11	2			57	13				
07:30		20	9			58	3				
07:45		27	9	78	28	81	4	250	28	328	56
08:00		22	6			58	1				
08:15		30	5			52	3				
08:30		17	7			51	2				
08:45		35	5	104	23	29	2	190	8	294	31
09:00		21	1			29	5				
09:15		26	1			30	2				
09:30		28	3			36	1				
09:45		29	5	104	10	38	1	133	9	237	19
10:00		37	0			33	0				
10:15		31	2			28	1				
10:30		31	2			38	2				
10:45		33	5	132	9	33	3	132	6	264	15
11:00		27	1			26	0				
11:15		34	2			23	7				
11:30		44	15			35	5				
11:45		38	8	143	26	17	2	101	14	244	40
Total		630	1052			960	637			1590	1689
Percent		37.5%	62.5%			60.1%	39.9%			48.5%	51.5%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	13-Aug-14 Wed	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	23			1	33				
12:15		2	19			0	33				
12:30		1	40			0	23				
12:45		1	19	11	101	0	30	1	119	12	220
01:00		0	26			0	33				
01:15		0	24			1	35				
01:30		3	29			0	27				
01:45		0	31	3	110	1	29	2	124	5	234
02:00		0	39			1	43				
02:15		0	34			0	22				
02:30		0	34			0	24				
02:45		0	35	0	142	0	28	1	117	1	259
03:00		0	42			1	25				
03:15		0	39			0	25				
03:30		0	54			0	32				
03:45		0	40	0	175	0	17	1	99	1	274
04:00		1	60			1	11				
04:15		2	58			2	16				
04:30		0	60			3	12				
04:45		0	32	3	210	2	12	8	51	11	261
05:00		1	35			1	8				
05:15		1	15			3	8				
05:30		1	20			2	7				
05:45		5	18	8	88	13	8	19	31	27	119
06:00		5	16			20	9				
06:15		4	12			15	8				
06:30		12	19			33	1				
06:45		10	6	31	53	41	5	109	23	140	76
07:00		18	3			51	5				
07:15		17	9			56	17				
07:30		21	4			73	6				
07:45		16	4	72	20	76	3	256	31	328	51
08:00		27	8			53	3				
08:15		20	4			35	4				
08:30		13	7			44	1				
08:45		13	1	73	20	40	4	172	12	245	32
09:00		25	4			36	2				
09:15		25	4			33	0				
09:30		28	1			29	0				
09:45		19	2	97	11	34	1	132	3	229	14
10:00		29	1			33	0				
10:15		29	1			22	0				
10:30		25	4			28	0				
10:45		21	1	104	7	28	2	111	2	215	9
11:00		32	4			17	1				
11:15		36	6			21	6				
11:30		38	7			16	3				
11:45		34	5	140	22	23	1	77	11	217	33
Total		542	959			889	623			1431	1582
Percent		36.1%	63.9%			58.8%	41.2%			47.5%	52.5%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	14-Aug-14 Thu	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		10	40			1	25				
12:15		3	34			0	23				
12:30		1	28			0	40				
12:45		1	30	15	132	0	25	1	113	16	245
01:00		0	40			0	29				
01:15		1	23			0	35				
01:30		0	32			1	27				
01:45		0	30	1	125	0	24	1	115	2	240
02:00		0	32			0	28				
02:15		0	31			0	29				
02:30		0	40			0	32				
02:45		1	37	1	140	1	28	1	117	2	257
03:00		2	30			0	22				
03:15		0	47			0	32				
03:30		0	73			0	17				
03:45		0	31	2	181	0	19	0	90	2	271
04:00		0	68			0	14				
04:15		0	56			2	17				
04:30		1	60			1	19				
04:45		1	48	2	232	2	14	5	64	7	296
05:00		0	14			0	39				
05:15		1	19			5	9				
05:30		3	16			3	4				
05:45		6	18	10	67	13	11	21	63	31	130
06:00		3	23			23	12				
06:15		10	9			28	6				
06:30		16	9			31	7				
06:45		11	10	40	51	43	5	125	30	165	81
07:00		16	6			46	6				
07:15		15	8			67	11				
07:30		18	8			56	5				
07:45		23	4	72	26	73	4	242	26	314	52
08:00		28	13			57	1				
08:15		15	5			51	4				
08:30		20	6			43	4				
08:45		20	1	83	25	35	1	186	10	269	35
09:00		21	2			37	2				
09:15		23	2			45	4				
09:30		29	5			30	0				
09:45		36	1	109	10	47	1	159	7	268	17
10:00		27	5			26	2				
10:15		30	2			27	3				
10:30		29	2			29	1				
10:45		35	1	121	10	22	1	104	7	225	17
11:00		38	3			29	1				
11:15		32	8			24	8				
11:30		33	8			24	3				
11:45		41	3	144	22	25	2	102	14	246	36
Total		600	1021			947	656			1547	1677
Percent		37.0%	63.0%			59.1%	40.9%			48.0%	52.0%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	15-Aug-14 Fri	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	31			0	21				
12:15		5	39			1	29				
12:30		3	27			1	26				
12:45		0	26	19	123	2	25	4	101	23	224
01:00		0	34			1	27				
01:15		2	28			0	12				
01:30		0	40			0	31				
01:45		0	23	2	125	1	26	2	96	4	221
02:00		1	27			0	23				
02:15		0	24			0	19				
02:30		0	35			0	25				
02:45		0	32	1	118	0	26	0	93	1	211
03:00		0	30			0	19				
03:15		1	47			0	24				
03:30		0	44			0	22				
03:45		0	38	1	159	0	15	0	80	1	239
04:00		0	59			0	16				
04:15		0	45			0	12				
04:30		1	59			1	21				
04:45		0	33	1	196	1	8	2	57	3	253
05:00		1	37			4	10				
05:15		2	18			6	10				
05:30		3	13			7	10				
05:45		4	17	10	85	12	11	29	41	39	126
06:00		5	12			15	12				
06:15		7	21			16	10				
06:30		12	11			27	6				
06:45		14	9	38	53	33	9	91	37	129	90
07:00		17	4			40	8				
07:15		21	8			75	8				
07:30		20	1			58	2				
07:45		27	8	85	21	56	4	229	22	314	43
08:00		8	13			70	6				
08:15		22	8			42	4				
08:30		18	5			37	3				
08:45		27	2	75	28	23	2	172	15	247	43
09:00		31	3			30	3				
09:15		22	6			37	1				
09:30		17	2			29	1				
09:45		21	1	91	12	31	1	127	6	218	18
10:00		31	4			29	2				
10:15		32	1			33	0				
10:30		33	3			27	2				
10:45		27	1	123	9	16	2	105	6	228	15
11:00		25	4			19	1				
11:15		29	6			30	8				
11:30		29	9			21	4				
11:45		41	7	124	26	13	2	83	15	207	41
Total		570	955			844	569			1414	1524
Percent		37.4%	62.6%			59.7%	40.3%			48.1%	51.9%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	16-Aug-14 Sat	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	9			2	6				
12:15		2	9			1	7				
12:30		1	4			1	10				
12:45		1	11	11	33	0	5	4	28	15	61
01:00		0	10			0	3				
01:15		1	6			0	5				
01:30		0	6			0	6				
01:45		0	5	1	27	0	7	0	21	1	48
02:00		1	5			0	5				
02:15		2	8			0	3				
02:30		0	9			0	4				
02:45		0	7	3	29	0	5	0	17	3	46
03:00		0	9			0	7				
03:15		0	13			0	11				
03:30		1	13			0	7				
03:45		0	11	1	46	0	6	0	31	1	77
04:00		0	6			0	4				
04:15		1	11			0	3				
04:30		0	9			1	4				
04:45		1	6	2	32	0	3	1	14	3	46
05:00		1	10			2	8				
05:15		0	4			0	3				
05:30		2	4			0	3				
05:45		3	5	6	23	3	3	5	17	11	40
06:00		2	3			3	2				
06:15		2	3			5	1				
06:30		1	2			3	3				
06:45		3	6	8	14	8	3	19	9	27	23
07:00		5	5			12	2				
07:15		5	7			11	7				
07:30		5	4			11	4				
07:45		6	6	21	22	17	5	51	18	72	40
08:00		13	3			10	6				
08:15		8	7			7	6				
08:30		4	2			5	2				
08:45		5	2	30	14	9	1	31	15	61	29
09:00		4	4			4	0				
09:15		4	2			4	2				
09:30		2	2			7	2				
09:45		6	1	16	9	8	2	23	6	39	15
10:00		4	2			11	1				
10:15		8	0			6	0				
10:30		7	0			11	2				
10:45		4	1	23	3	2	1	30	4	53	7
11:00		10	3			4	1				
11:15		5	4			19	7				
11:30		8	4			5	2				
11:45		6	1	29	12	2	4	30	14	59	26
Total		151	264			194	194			345	458
Percent		36.4%	63.6%			50.0%	50.0%			43.0%	57.0%

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	17-Aug-14 Sun	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	6			0	6				
12:15		0	4			1	2				
12:30		2	5			0	3				
12:45		0	5	7	20	1	7	2	18	9	38
01:00		0	8			1	5				
01:15		1	4			0	6				
01:30		0	5			1	11				
01:45		0	4	1	21	0	8	2	30	3	51
02:00		0	5			0	3				
02:15		0	5			0	2				
02:30		0	5			0	5				
02:45		0	4	0	19	0	3	0	13	0	32
03:00		0	5			0	3				
03:15		0	11			0	11				
03:30		1	8			1	1				
03:45		0	10	1	34	1	5	2	20	3	54
04:00		0	7			0	4				
04:15		0	4			1	1				
04:30		1	4			1	3				
04:45		1	5	2	20	0	4	2	12	4	32
05:00		0	1			0	3				
05:15		0	1			1	2				
05:30		0	2			1	2				
05:45		0	2	0	6	1	3	3	10	3	16
06:00		1	2			2	2				
06:15		2	*			0	*				
06:30		2	*			6	*				
06:45		1	*	6	2	5	*	13	2	19	4
07:00		4	*			8	*				
07:15		3	*			10	*				
07:30		4	*			8	*				
07:45		7	*	18	0	2	*	28	0	46	0
08:00		5	*			4	*				
08:15		4	*			2	*				
08:30		4	*			3	*				
08:45		2	*	15	0	4	*	13	0	28	0
09:00		2	*			2	*				
09:15		2	*			3	*				
09:30		3	*			3	*				
09:45		1	*	8	0	5	*	13	0	21	0
10:00		2	*			2	*				
10:15		4	*			5	*				
10:30		11	*			6	*				
10:45		3	*	20	0	3	*	16	0	36	0
11:00		2	*			1	*				
11:15		2	*			7	*				
11:30		4	*			7	*				
11:45		4	*	12	0	7	*	22	0	34	0
Total		90	122			116	105			206	227
Percent		42.5%	57.5%			52.5%	47.5%			47.6%	52.4%
Grand Total		3879	6713			5748	4231			9627	10944
Percent		36.6%	63.4%			57.6%	42.4%			46.8%	53.2%
ADT		ADT 2,112	AADT 2,112								

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	04-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	*	*	*	*	*	*	*	*	*	*	13	2	7	1	10	2
01:00	*	*	*	*	*	*	*	*	*	*	1	3	3	3	2	3
02:00	*	*	*	*	*	*	*	*	*	*	3	0	2	1	2	0
03:00	*	*	*	*	*	*	*	*	*	*	0	1	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	0	2	2	2	1	2
05:00	*	*	*	*	*	*	*	*	*	*	2	10	1	3	2	6
06:00	*	*	*	*	*	*	*	*	*	*	11	22	4	8	8	15
07:00	*	*	*	*	*	*	*	*	*	*	24	46	14	29	19	38
08:00	*	*	*	*	*	*	*	*	81	230	28	27	16	11	42	89
09:00	*	*	*	*	*	*	*	*	100	156	17	19	10	10	42	62
10:00	*	*	*	*	*	*	*	*	103	103	18	25	12	13	44	47
11:00	*	*	*	*	*	*	*	*	121	77	22	21	13	21	52	40
12:00 PM	*	*	*	*	*	*	*	*	118	82	25	25	19	20	54	42
01:00	*	*	*	*	*	*	*	*	109	91	33	27	12	14	51	44
02:00	*	*	*	*	*	*	*	*	127	87	29	14	15	9	57	37
03:00	*	*	*	*	*	*	*	*	152	77	43	33	33	25	76	45
04:00	*	*	*	*	*	*	*	*	185	61	30	13	24	15	80	30
05:00	*	*	*	*	*	*	*	*	74	40	22	12	11	8	36	20
06:00	*	*	*	*	*	*	*	*	33	21	13	12	8	6	18	13
07:00	*	*	*	*	*	*	*	*	30	27	12	17	22	20	21	21
08:00	*	*	*	*	*	*	*	*	24	11	6	6	8	3	13	7
09:00	*	*	*	*	*	*	*	*	7	10	12	11	8	2	9	8
10:00	*	*	*	*	*	*	*	*	7	4	7	2	9	5	8	4
11:00	*	*	*	*	*	*	*	*	24	14	14	10	14	11	17	12
Lane	0	0	0	0	0	0	0	0	1295	1091	385	360	267	240	664	587
Day	0	0	0	0	0	0	0	0	2386	745	507	1251				
AM Peak Vol.	-	-	-	-	-	-	-	-	11:00	08:00	08:00	07:00	08:00	07:00	11:00	08:00
PM Peak Vol.	-	-	-	-	-	-	-	-	121	230	28	46	16	29	52	89
	-	-	-	-	-	-	-	-	16:00	13:00	15:00	15:00	15:00	15:00	16:00	15:00
	-	-	-	-	-	-	-	-	185	91	43	33	33	25	80	45

Accurate Counts
978-664-2565

Location : Ring Road
Location : North of Service Road
City/State: West Haven, CT

Site Code: 13065002
13065002

Start Time	11-Aug-14				Tue				Wed				Thu				Fri				Sat				Sun				Week Average			
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB				
12:00 AM	7	1	14	4	11	1	15	1	19	4	11	4	19	1	15	1	19	4	11	4	7	2	4	7	2	12	2	12	2			
01:00	0	1	6	2	3	2	1	1	2	2	1	2	2	1	1	1	2	2	1	2	1	1	0	1	2	2	1	2	1			
02:00	2	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	3	0	0	0	0	0	1	1	0	1	0			
03:00	0	0	2	1	0	1	2	0	1	0	1	0	1	0	2	0	1	0	1	1	0	1	0	2	1	1	1	1	1			
04:00	1	4	3	7	3	8	2	5	1	2	3	2	1	5	2	1	1	2	2	2	2	2	1	2	2	2	2	4	4			
05:00	9	21	10	25	8	19	10	21	10	19	6	10	29	6	10	21	10	29	6	6	5	0	3	8	5	0	3	18	18			
06:00	40	111	34	115	31	109	40	125	38	91	8	91	19	125	40	125	38	91	8	13	19	6	13	28	28	28	28	83	83			
07:00	113	249	78	250	72	256	72	242	85	229	21	229	85	242	72	242	85	229	21	51	18	28	66	66	186	186	186	186	186			
08:00	82	186	104	190	73	172	83	186	75	172	30	172	75	186	83	186	75	172	30	31	15	13	66	66	136	136	136	136	136			
09:00	118	164	104	133	97	132	109	159	91	127	16	127	91	159	109	159	91	127	16	23	8	13	78	78	107	107	107	107	107			
10:00	142	127	132	132	104	111	121	104	123	105	23	105	123	104	121	104	123	105	23	30	20	16	95	95	89	89	89	89	89			
11:00	154	88	143	101	140	77	144	102	124	83	29	83	124	102	144	102	124	83	29	30	12	22	107	107	72	72	72	72	72			
12:00 PM	122	116	107	125	101	119	132	113	123	101	33	123	123	113	132	113	123	101	33	28	20	18	91	91	89	89	89	89	89			
01:00	123	126	115	125	110	124	125	115	125	96	27	125	125	115	125	115	125	96	27	21	21	30	92	92	91	91	91	91	91			
02:00	153	89	152	115	142	117	140	117	118	93	29	118	118	140	140	117	118	93	29	17	13	108	108	80	80	80	80	80				
03:00	178	100	213	81	175	99	181	90	159	80	46	80	159	181	181	90	159	80	46	31	34	20	141	141	72	72	72	72	72			
04:00	233	54	237	59	210	51	232	64	196	57	32	57	196	64	232	64	196	57	32	14	20	12	166	166	44	44	44	44	44			
05:00	88	33	95	37	88	31	67	63	85	41	23	41	85	63	67	63	85	41	23	17	6	10	65	65	33	33	33	33	33			
06:00	42	24	37	30	53	23	51	30	53	37	14	37	53	30	51	30	53	37	14	9	*	*	42	42	26	26	26	26	26			
07:00	21	23	28	28	20	31	26	26	21	22	22	26	21	26	26	26	21	22	22	18	*	*	23	23	25	25	25	25	25			
08:00	19	7	23	8	20	12	25	10	28	15	14	25	28	10	25	10	28	15	14	15	*	*	22	22	11	11	11	11	11			
09:00	10	12	10	9	11	3	10	7	12	6	9	10	12	7	10	7	12	6	9	6	10	7	10	7	7	7	7	7	7			
10:00	6	6	9	6	7	2	10	7	9	6	3	10	9	7	10	7	9	6	3	4	*	*	7	7	5	5	5	5	5			
11:00	26	12	26	14	22	11	22	14	26	15	12	22	15	14	22	14	26	15	12	14	*	*	22	22	13	13	13	13	13			
Lane	1689	1554	1682	1597	1501	1512	1621	1603	1525	1413	415	388	1525	1603	1621	1603	1525	1413	415	388	210	219	1255	1255	1195	1195	1195	1195	1195	1195		
Day	3243		3279		3013		3224		2938		803		2938		3224		2938		803		429		2450		2450		2450		2450			
AM Peak	11:00	07:00	11:00	07:00	11:00	07:00	11:00	07:00	11:00	07:00	08:00	07:00	11:00	07:00	11:00	07:00	11:00	07:00	08:00	07:00	10:00	07:00	11:00	11:00	07:00	07:00	07:00	07:00	07:00	07:00		
Vol.	154	249	143	250	140	256	144	242	124	229	30	51	124	242	144	242	124	229	30	51	20	28	107	107	186	186	186	186	186	186		
PM Peak	16:00	13:00	16:00	12:00	16:00	13:00	16:00	14:00	16:00	12:00	15:00	15:00	16:00	14:00	16:00	14:00	16:00	12:00	15:00	15:00	15:00	15:00	16:00	16:00	13:00	13:00	13:00	13:00	13:00	13:00		
Vol	233	126	237	125	210	124	232	117	196	101	46	31	196	117	232	117	196	101	46	31	34	30	166	166	91	91	91	91	91	91		

Comb. Total	3243	3279	3013	3224	5324	1548	936	3701
ADT	ADT 2,112	AADT 2,112						

Accurate Counts
978-664-2565

Page 1

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	08-Aug-14 Fri	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		*	23			*	24				
12:15		*	38			*	9				
12:30		*	28			*	14				
12:45		*	29	0	118	*	18	0	65	0	183
01:00		*	35			*	15				
01:15		*	21			*	11				
01:30		*	25			*	9				
01:45		*	21	0	102	*	16	0	51	0	153
02:00		*	17			*	12				
02:15		*	31			*	21				
02:30		*	28			*	9				
02:45		*	30	0	106	*	18	0	60	0	166
03:00		*	28			*	12				
03:15		*	36			*	17				
03:30		*	32			*	26				
03:45		*	21	0	117	*	15	0	70	0	187
04:00		*	20			*	33				
04:15		*	23			*	29				
04:30		*	30			*	31				
04:45		*	8	0	81	*	15	0	108	0	189
05:00		*	18			*	7				
05:15		*	15			*	10				
05:30		*	10			*	15				
05:45		*	7	0	50	*	5	0	37	0	87
06:00		*	10			*	3				
06:15		*	5			*	9				
06:30		*	6			*	1				
06:45		*	3	0	24	*	3	0	16	0	40
07:00		*	3			*	8				
07:15		*	3			*	7				
07:30		*	4			*	6				
07:45		*	2	0	12	*	7	0	28	0	40
08:00		43	5			20	2				
08:15		37	9			9	4				
08:30		48	0			18	1				
08:45		33	2	161	16	9	1	56	8	217	24
09:00		34	2			11	1				
09:15		17	1			13	1				
09:30		27	1			8	0				
09:45		27	2	105	6	12	1	44	3	149	9
10:00		22	1			13	1				
10:15		22	1			17	1				
10:30		24	1			14	0				
10:45		25	2	93	5	8	1	52	3	145	8
11:00		29	2			18	0				
11:15		24	4			9	5				
11:30		27	2			21	4				
11:45		16	5	96	13	12	3	60	12	156	25
Total		455	650			212	461			667	1111
Percent		41.2%	58.8%			31.5%	68.5%			37.5%	62.5%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	09-Aug-14 Sat	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	13			2	5				
12:15		2	12			0	7				
12:30		1	8			0	11				
12:45		2	4	11	37	2	2	4	25	15	62
01:00		1	9			0	4				
01:15		4	6			0	4				
01:30		0	9			0	3				
01:45		4	12	9	36	1	4	1	15	10	51
02:00		5	10			1	3				
02:15		0	3			0	3				
02:30		0	8			0	3				
02:45		0	12	5	33	0	7	1	16	6	49
03:00		0	9			1	2				
03:15		0	8			0	6				
03:30		1	4			0	4				
03:45		0	6	1	27	1	2	2	14	3	41
04:00		0	8			0	6				
04:15		2	3			0	3				
04:30		3	3			0	3				
04:45		3	4	8	18	0	3	0	15	8	33
05:00		1	5			2	4				
05:15		3	7			0	2				
05:30		1	4			5	1				
05:45		7	4	12	20	2	5	9	12	21	32
06:00		2	3			1	2				
06:15		3	1			3	0				
06:30		5	7			8	3				
06:45		4	4	14	15	5	0	17	5	31	20
07:00		3	7			4	2				
07:15		7	5			6	1				
07:30		4	2			10	1				
07:45		16	2	30	16	12	1	32	5	62	21
08:00		8	3			7	2				
08:15		8	3			6	1				
08:30		8	1			7	1				
08:45		5	2	29	9	2	0	22	4	51	13
09:00		8	3			4	0				
09:15		9	1			3	2				
09:30		4	2			5	2				
09:45		8	3	29	9	8	1	20	5	49	14
10:00		8	0			3	1				
10:15		11	1			4	0				
10:30		16	4			4	1				
10:45		2	0	37	5	7	1	18	3	55	8
11:00		12	0			2	0				
11:15		5	3			6	3				
11:30		6	1			3	4				
11:45		10	3	33	7	4	2	15	9	48	16
Total		218	232			141	128			359	360
Percent		48.4%	51.6%			52.4%	47.6%			49.9%	50.1%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	10-Aug-14 Sun	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	5			2	2				
12:15		1	5			0	2				
12:30		0	2			0	3				
12:45		0	4	5	16	0	1	2	8	7	24
01:00		0	6			0	5				
01:15		0	5			0	3				
01:30		1	4			0	2				
01:45		0	5	1	20	0	4	0	14	1	34
02:00		2	2			0	1				
02:15		0	4			0	2				
02:30		1	4			0	3				
02:45		0	3	3	13	0	2	0	8	3	21
03:00		0	3			0	4				
03:15		0	7			0	3				
03:30		0	8			0	8				
03:45		0	8	0	26	0	3	0	18	0	44
04:00		0	8			0	1				
04:15		0	5			0	3				
04:30		0	1			0	4				
04:45		1	4	1	18	0	1	0	9	1	27
05:00		0	4			0	2				
05:15		0	5			0	0				
05:30		0	2			0	1				
05:45		6	1	6	12	0	1	0	4	6	16
06:00		2	3			1	1				
06:15		2	2			0	2				
06:30		3	4			2	0				
06:45		2	1	9	10	2	3	5	6	14	16
07:00		5	3			2	1				
07:15		3	6			3	1				
07:30		7	3			3	3				
07:45		4	6	19	18	4	1	12	6	31	24
08:00		11	5			4	4				
08:15		3	3			0	1				
08:30		2	2			0	2				
08:45		0	0	16	10	2	1	6	8	22	18
09:00		1	2			0	0				
09:15		0	1			1	3				
09:30		0	4			2	0				
09:45		5	1	6	8	4	2	7	5	13	13
10:00		5	2			0	1				
10:15		1	0			2	0				
10:30		4	0			1	2				
10:45		3	2	13	4	0	2	3	5	16	9
11:00		13	3			1	0				
11:15		2	3			2	2				
11:30		5	4			2	2				
11:45		4	4	24	14	4	1	9	5	33	19
Total		103	169			44	96			147	265
Percent		37.9%	62.1%			31.4%	68.6%			35.7%	64.3%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	11-Aug-14 Mon	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	37			4	22				
12:15		0	23			0	19				
12:30		0	25			2	27				
12:45		1	29	6	114	0	22	6	90	12	204
01:00		0	25			0	18				
01:15		0	21			0	19				
01:30		0	28			0	20				
01:45		4	23	4	97	2	14	2	71	6	168
02:00		1	32			0	24				
02:15		1	27			1	17				
02:30		0	28			0	17				
02:45		1	42	3	129	0	25	1	83	4	212
03:00		0	32			0	16				
03:15		0	32			0	18				
03:30		0	27			0	26				
03:45		1	33	1	124	0	18	0	78	1	202
04:00		4	26			0	34				
04:15		0	23			0	22				
04:30		2	23			0	40				
04:45		0	12	6	84	0	18	0	114	6	198
05:00		2	18			0	20				
05:15		0	18			2	17				
05:30		3	11			5	11				
05:45		6	6	11	53	5	7	12	55	23	108
06:00		9	2			6	6				
06:15		11	11			8	3				
06:30		23	4			13	7				
06:45		25	2	68	19	12	6	39	22	107	41
07:00		22	2			20	5				
07:15		53	5			21	3				
07:30		46	5			15	8				
07:45		42	5	163	17	38	5	94	21	257	38
08:00		45	5			18	5				
08:15		37	1			23	1				
08:30		30	3			19	2				
08:45		22	3	134	12	21	3	81	11	215	23
09:00		37	4			20	2				
09:15		25	1			27	0				
09:30		36	5			22	2				
09:45		33	3	131	13	12	0	81	4	212	17
10:00		34	2			17	0				
10:15		21	0			23	0				
10:30		26	1			17	1				
10:45		37	1	118	4	16	2	73	3	191	7
11:00		22	2			20	1				
11:15		37	8			15	2				
11:30		35	5			16	7				
11:45		44	8	138	23	9	1	60	11	198	34
Total		783	689			449	563			1232	1252
Percent		53.2%	46.8%			44.4%	55.6%			49.6%	50.4%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	12-Aug-14 Tue	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	27			3	12				
12:15		2	37			1	16				
12:30		1	33			0	16				
12:45		3	39	13	136	0	19	4	63	17	199
01:00		0	31			0	13				
01:15		1	32			0	20				
01:30		0	32			0	20				
01:45		2	38	3	133	0	25	0	78	3	211
02:00		0	27			0	18				
02:15		0	37			0	22				
02:30		0	31			0	16				
02:45		0	35	0	130	1	23	1	79	1	209
03:00		0	41			0	20				
03:15		0	43			0	26				
03:30		0	37			0	24				
03:45		0	38	0	159	1	18	1	88	1	247
04:00		1	24			0	32				
04:15		1	23			0	24				
04:30		0	22			0	41				
04:45		3	12	5	81	0	16	0	113	5	194
05:00		4	15			0	20				
05:15		1	20			1	10				
05:30		6	8			6	16				
05:45		8	8	19	51	5	13	12	59	31	110
06:00		9	14			7	7				
06:15		15	5			5	7				
06:30		22	11			14	6				
06:45		25	4	71	34	16	3	42	23	113	57
07:00		34	5			15	5				
07:15		50	8			13	1				
07:30		51	5			15	0				
07:45		59	4	194	22	18	4	61	10	255	32
08:00		50	2			19	4				
08:15		51	6			19	1				
08:30		49	3			23	1				
08:45		35	5	185	16	12	1	73	7	258	23
09:00		20	2			18	0				
09:15		19	4			13	1				
09:30		26	1			18	1				
09:45		37	4	102	11	17	1	66	3	168	14
10:00		33	0			22	0				
10:15		31	0			12	1				
10:30		40	0			15	2				
10:45		22	2	126	2	20	1	69	4	195	6
11:00		36	0			18	0				
11:15		24	3			17	2				
11:30		31	8			15	2				
11:45		27	7	118	18	8	3	58	7	176	25
Total		836	793			387	534			1223	1327
Percent		51.3%	48.7%			42.0%	58.0%			48.0%	52.0%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	13-Aug-14 Wed	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	44			2	0				
12:15		2	38			1	4				
12:30		0	41			0	2				
12:45		1	45	9	168	1	1	4	7	13	175
01:00		1	42			0	1				
01:15		0	43			2	3				
01:30		3	44			0	3				
01:45		0	39	4	168	0	3	2	10	6	178
02:00		3	42			0	0				
02:15		1	46			0	4				
02:30		0	45			0	7				
02:45		0	32	4	165	0	7	0	18	4	183
03:00		1	53			1	2				
03:15		0	52			0	9				
03:30		1	66			0	1				
03:45		1	42	3	213	1	1	2	13	5	226
04:00		0	62			0	0				
04:15		0	56			0	0				
04:30		3	62			0	10				
04:45		1	31	4	211	1	0	1	10	5	221
05:00		3	34			1	0				
05:15		2	24			2	0				
05:30		3	15			0	0				
05:45		12	15	20	88	5	0	8	0	28	88
06:00		11	17			10	0				
06:15		10	18			4	0				
06:30		20	11			10	0				
06:45		32	4	73	50	11	0	35	0	108	50
07:00		33	9			17	0				
07:15		45	12			12	0				
07:30		49	15			25	0				
07:45		58	7	185	43	28	0	82	0	267	43
08:00		39	8			13	0				
08:15		33	13			14	0				
08:30		33	8			10	0				
08:45		21	4	126	33	17	0	54	0	180	33
09:00		23	4			23	0				
09:15		26	4			13	0				
09:30		34	1			14	0				
09:45		42	4	125	13	3	0	53	0	178	13
10:00		41	0			1	0				
10:15		41	2			4	0				
10:30		36	2			0	0				
10:45		55	2	173	6	1	0	6	0	179	6
11:00		52	4			4	0				
11:15		37	6			4	0				
11:30		46	13			5	0				
11:45		45	10	180	33	2	0	15	0	195	33
Total		906	1191			262	58			1168	1249
Percent		43.2%	56.8%			81.9%	18.1%			48.3%	51.7%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	14-Aug-14 Thu	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	31			0	29				
12:15		1	35			0	15				
12:30		1	29			0	21				
12:45		1	39	8	134	0	25	0	90	8	224
01:00		2	33			0	26				
01:15		2	25			0	24				
01:30		1	29			0	14				
01:45		2	35	7	122	0	26	0	90	7	212
02:00		0	33			0	26				
02:15		0	41			0	17				
02:30		0	22			0	17				
02:45		0	27	0	123	0	14	0	74	0	197
03:00		1	30			0	19				
03:15		3	36			0	20				
03:30		0	37			0	28				
03:45		0	28	4	131	0	13	0	80	4	211
04:00		1	27			0	30				
04:15		2	21			0	35				
04:30		3	29			0	41				
04:45		2	8	8	85	0	20	0	126	8	211
05:00		0	13			0	16				
05:15		8	10			2	14				
05:30		1	10			9	6				
05:45		3	5	12	38	3	13	14	49	26	87
06:00		15	17			8	15				
06:15		13	6			10	7				
06:30		22	3			10	8				
06:45		33	9	83	35	15	1	43	31	126	66
07:00		32	3			22	4				
07:15		53	5			19	5				
07:30		41	6			16	3				
07:45		59	4	185	18	18	3	75	15	260	33
08:00		54	3			25	3				
08:15		42	2			18	5				
08:30		33	3			16	1				
08:45		26	4	155	12	15	0	74	9	229	21
09:00		30	5			20	1				
09:15		26	2			18	1				
09:30		27	1			19	2				
09:45		24	2	107	10	31	0	88	4	195	14
10:00		19	2			11	1				
10:15		30	2			14	1				
10:30		29	4			16	0				
10:45		26	1	104	9	20	1	61	3	165	12
11:00		32	2			22	1				
11:15		44	4			15	2				
11:30		33	9			15	6				
11:45		23	2	132	17	17	2	69	11	201	28
Total		805	734			424	582			1229	1316
Percent		52.3%	47.7%			42.1%	57.9%			48.3%	51.7%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	15-Aug-14 Fri	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	38			4	18				
12:15		3	25			3	19				
12:30		1	28			0	27				
12:45		0	28	8	119	0	16	7	80	15	199
01:00		1	20			0	17				
01:15		1	27			1	20				
01:30		0	21			0	19				
01:45		3	23	5	91	0	18	1	74	6	165
02:00		3	25			0	17				
02:15		3	24			1	12				
02:30		2	29			0	15				
02:45		0	25	8	103	1	14	2	58	10	161
03:00		0	30			0	27				
03:15		3	37			0	27				
03:30		0	36			1	32				
03:45		1	24	4	127	0	13	1	99	5	226
04:00		0	16			0	16				
04:15		0	16			0	27				
04:30		0	21			0	31				
04:45		0	14	0	67	0	15	0	89	0	156
05:00		1	12			0	18				
05:15		0	9			3	11				
05:30		10	12			4	6				
05:45		12	16	23	49	3	8	10	43	33	92
06:00		13	16			9	4				
06:15		13	6			10	12				
06:30		21	5			20	6				
06:45		21	5	68	32	12	5	51	27	119	59
07:00		33	3			10	5				
07:15		50	5			16	4				
07:30		36	5			24	4				
07:45		50	6	169	19	16	0	66	13	235	32
08:00		58	7			18	6				
08:15		41	1			21	4				
08:30		34	1			22	2				
08:45		21	4	154	13	22	1	83	13	237	26
09:00		17	0			21	2				
09:15		27	2			23	3				
09:30		24	0			17	2				
09:45		17	0	85	2	19	2	80	9	165	11
10:00		23	2			11	1				
10:15		31	0			11	1				
10:30		26	2			11	2				
10:45		32	0	112	4	15	1	48	5	160	9
11:00		30	1			20	1				
11:15		28	5			15	3				
11:30		20	7			13	3				
11:45		29	4	107	17	18	4	66	11	173	28
Total		743	643			415	521			1158	1164
Percent		53.6%	46.4%			44.3%	55.7%			49.9%	50.1%

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	16-Aug-14 Sat	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	3			4	6				
12:15		1	9			2	2				
12:30		1	7			0	6				
12:45		1	7	7	26	0	3	6	17	13	43
01:00		0	3			0	3				
01:15		1	14			0	7				
01:30		1	4			1	3				
01:45		3	13	5	34	0	2	1	15	6	49
02:00		3	6			0	4				
02:15		3	10			0	6				
02:30		3	10			0	3				
02:45		1	2	10	28	0	4	0	17	10	45
03:00		0	2			0	4				
03:15		0	6			0	4				
03:30		0	6			1	5				
03:45		0	7	0	21	0	5	1	18	1	39
04:00		0	4			0	1				
04:15		0	3			0	3				
04:30		0	8			0	3				
04:45		0	2	0	17	1	0	1	7	1	24
05:00		2	3			0	1				
05:15		0	4			0	2				
05:30		1	5			3	3				
05:45		8	3	11	15	4	0	7	6	18	21
06:00		4	1			2	1				
06:15		6	3			6	3				
06:30		6	0			5	2				
06:45		4	6	20	10	5	1	18	7	38	17
07:00		10	3			4	7				
07:15		5	5			6	2				
07:30		7	3			6	2				
07:45		9	6	31	17	7	3	23	14	54	31
08:00		6	3			12	2				
08:15		4	5			2	3				
08:30		9	4			3	0				
08:45		7	5	26	17	4	0	21	5	47	22
09:00		3	2			5	1				
09:15		6	4			3	4				
09:30		6	5			7	2				
09:45		5	2	20	13	6	0	21	7	41	20
10:00		7	3			4	0				
10:15		3	3			2	0				
10:30		12	2			3	0				
10:45		5	1	27	9	5	2	14	2	41	11
11:00		1	0			1	0				
11:15		7	10			4	1				
11:30		3	1			9	2				
11:45		9	5	20	16	5	4	19	7	39	23
Total		177	223			132	122			309	345
Percent		44.3%	55.8%			52.0%	48.0%			47.2%	52.8%

Site Code: 13065003
13065003

Start Time	17-Aug-14 Sun	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	5			0	1				
12:15		1	3			1	2				
12:30		0	3			0	1				
12:45		1	7	4	18	0	0	1	4	5	22
01:00		2	5			0	9				
01:15		0	2			0	2				
01:30		1	6			0	6				
01:45		0	10	3	23	0	4	0	21	3	44
02:00		1	8			0	4				
02:15		0	8			0	0				
02:30		1	3			2	1				
02:45		1	3	3	22	0	1	2	6	5	28
03:00		1	4			0	3				
03:15		1	5			0	5				
03:30		1	1			0	5				
03:45		0	4	3	14	0	1	0	14	3	28
04:00		0	6			0	1				
04:15		0	1			0	0				
04:30		0	2			0	4				
04:45		0	2	0	11	0	1	0	6	0	17
05:00		2	1			0	1				
05:15		0	2			0	1				
05:30		1	3			0	2				
05:45		2	2	5	8	1	0	1	4	6	12
06:00		1	*			1	*				
06:15		1	*			0	*				
06:30		5	*			3	*				
06:45		6	*	13	0	2	*	6	0	19	0
07:00		4	*			1	*				
07:15		7	*			2	*				
07:30		3	*			4	*				
07:45		4	*	18	0	3	*	10	0	28	0
08:00		8	*			4	*				
08:15		4	*			4	*				
08:30		3	*			2	*				
08:45		0	*	15	0	2	*	12	0	27	0
09:00		0	*			1	*				
09:15		1	*			2	*				
09:30		1	*			0	*				
09:45		1	*	3	0	2	*	5	0	8	0
10:00		2	*			2	*				
10:15		5	*			2	*				
10:30		5	*			6	*				
10:45		6	*	18	0	4	*	14	0	32	0
11:00		3	*			4	*				
11:15		4	*			1	*				
11:30		5	*			7	*				
11:45		2	*	14	0	0	*	12	0	26	0
Total		99	96			63	55			162	151
Percent		50.8%	49.2%			53.4%	46.6%			51.8%	48.2%
Grand Total		5125	5420			2529	3120			7654	8540
Percent		48.6%	51.4%			44.8%	55.2%			47.3%	52.7%
ADT		ADT 1,663	AADT 1,663								

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	04-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	*	*	*	*	*	*	*	*	11	4	5	2	8	3
01:00	*	*	*	*	*	*	*	*	*	*	9	1	1	0	5	0
02:00	*	*	*	*	*	*	*	*	*	*	5	1	3	0	4	0
03:00	*	*	*	*	*	*	*	*	*	*	1	2	0	0	0	1
04:00	*	*	*	*	*	*	*	*	*	*	8	0	1	0	4	0
05:00	*	*	*	*	*	*	*	*	*	*	12	9	6	0	9	4
06:00	*	*	*	*	*	*	*	*	*	*	14	17	9	5	12	11
07:00	*	*	*	*	*	*	*	*	*	*	30	32	19	12	24	22
08:00	*	*	*	*	*	*	*	*	161	56	29	22	16	6	69	28
09:00	*	*	*	*	*	*	*	*	105	44	29	20	6	7	47	24
10:00	*	*	*	*	*	*	*	*	93	52	37	18	13	3	48	24
11:00	*	*	*	*	*	*	*	*	96	60	33	15	24	9	51	28
12:00 PM	*	*	*	*	*	*	*	*	118	65	37	25	16	8	57	33
01:00	*	*	*	*	*	*	*	*	102	51	36	15	20	14	53	27
02:00	*	*	*	*	*	*	*	*	106	60	33	16	13	8	51	28
03:00	*	*	*	*	*	*	*	*	117	70	27	14	26	18	57	34
04:00	*	*	*	*	*	*	*	*	81	108	18	15	18	9	39	44
05:00	*	*	*	*	*	*	*	*	50	37	20	12	12	4	27	18
06:00	*	*	*	*	*	*	*	*	24	16	15	5	10	6	16	9
07:00	*	*	*	*	*	*	*	*	12	28	16	5	18	6	15	13
08:00	*	*	*	*	*	*	*	*	16	8	9	4	10	8	12	7
09:00	*	*	*	*	*	*	*	*	6	3	9	5	8	5	8	4
10:00	*	*	*	*	*	*	*	*	5	3	5	3	4	5	5	4
11:00	*	*	*	*	*	*	*	*	13	12	7	9	14	5	11	9
Lane	0	0	0	0	0	0	0	0	1105	673	450	269	272	140	632	375
Day	0	0	0	0	0	0	0	0	1778	719	719	412	412	1007	1007	1007
AM Peak	-	-	-	-	-	-	-	-	08:00	11:00	10:00	07:00	11:00	07:00	08:00	08:00
Vol.	-	-	-	-	-	-	-	-	161	60	37	32	24	12	69	28
PM Peak	-	-	-	-	-	-	-	-	12:00	16:00	12:00	12:00	15:00	15:00	12:00	16:00
Vol.	-	-	-	-	-	-	-	-	118	108	37	25	26	18	57	44

Accurate Counts
978-664-2565

Location : Ring Road
Location : West of Lamson Road
City/State: West Haven, CT

Site Code: 13065003
13065003

Start Time	11-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	6	6	13	4	9	4	8	0	8	7	7	6	4	1	8	4
01:00	4	2	3	0	4	2	7	0	5	1	5	1	3	0	4	1
02:00	3	1	0	1	4	0	0	0	8	2	10	0	3	2	4	1
03:00	1	0	0	1	3	2	4	0	4	1	0	1	3	0	2	1
04:00	6	0	5	0	4	1	8	0	0	0	0	1	0	0	3	0
05:00	11	12	19	12	20	8	12	14	23	10	11	7	5	1	14	9
06:00	68	39	71	42	73	35	83	43	68	51	20	18	13	6	57	33
07:00	163	94	194	61	185	82	185	75	169	66	31	23	18	10	135	59
08:00	134	81	185	73	126	54	155	74	154	83	26	21	15	12	114	57
09:00	131	81	102	66	125	53	107	88	85	80	20	21	3	5	82	56
10:00	118	73	126	69	173	6	104	61	112	48	27	14	18	14	97	41
11:00	138	60	118	58	180	15	132	69	107	66	20	19	14	12	101	43
12:00 PM	114	90	136	63	168	7	134	90	119	80	26	17	18	4	102	50
01:00	97	71	133	78	168	10	122	90	91	74	34	15	23	21	95	51
02:00	129	83	130	79	165	18	123	74	103	58	28	17	22	6	100	48
03:00	124	78	159	88	213	13	131	80	127	99	21	18	14	14	113	56
04:00	84	114	81	113	211	10	85	126	67	89	17	7	11	6	79	66
05:00	53	55	51	59	88	0	38	49	49	43	15	6	8	4	43	31
06:00	19	22	34	23	50	0	35	31	32	27	10	7	*	*	30	18
07:00	17	21	22	10	43	0	18	15	19	13	17	14	*	*	23	12
08:00	12	11	16	7	33	0	12	9	13	13	17	5	*	*	17	8
09:00	13	4	11	3	13	0	10	4	2	9	13	7	*	*	10	4
10:00	4	3	2	4	6	0	9	3	4	5	9	2	*	*	6	3
11:00	23	11	18	7	33	0	17	11	17	11	16	7	*	*	21	8
Lane	1472	1012	1629	921	2097	320	1539	1006	1386	936	400	254	195	118	1260	660
Day	2484		2550		2417		2545		2322		654		313		1920	
AM Peak	07:00	07:00	07:00	08:00	07:00	07:00	07:00	09:00	07:00	08:00	07:00	07:00	07:00	10:00	07:00	07:00
Vol.	163	94	194	73	185	82	185	88	169	83	31	23	18	14	135	59
PM Peak	14:00	16:00	15:00	16:00	14:00	14:00	12:00	16:00	15:00	15:00	13:00	15:00	13:00	13:00	15:00	16:00
Vol.	129	114	159	113	213	18	134	126	127	99	34	18	23	21	113	66

Comb. Total	2484	2550	2417	2545	4100	1373	725	2927
ADT	ADT 1,663	AADT 1,663						

Accurate Counts
978-664-2565

Page 1

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	08-Aug-08 Fri	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		*	15			*	21				
12:15		*	14			*	19				
12:30		*	18			*	20				
12:45		*	19	0	66	*	14	0	74	0	140
01:00		*	14			*	18				
01:15		*	17			*	17				
01:30		*	14			*	12				
01:45		*	17	0	62	*	7	0	54	0	116
02:00		*	12			*	28				
02:15		*	20			*	25				
02:30		*	10			*	25				
02:45		*	12	0	54	*	19	0	97	0	151
03:00		*	11			*	18				
03:15		*	1			*	27				
03:30		*	66			*	3				
03:45		*	42	0	120	*	5	0	53	0	173
04:00		*	46			*	54				
04:15		*	43			*	36				
04:30		*	59			*	46				
04:45		*	48	0	196	*	10	0	146	0	342
05:00		*	19			*	39				
05:15		*	21			*	21				
05:30		*	9			*	36				
05:45		*	10	0	59	*	11	0	107	0	166
06:00		*	11			*	0				
06:15		*	18			*	1				
06:30		*	0			*	11				
06:45		*	4	0	33	*	10	0	22	0	55
07:00		*	1			*	7				
07:15		*	3			*	10				
07:30		*	1			*	13				
07:45		*	0	0	5	*	16	0	46	0	51
08:00		*	1			*	10				
08:15		*	3			*	11				
08:30		*	1			*	1				
08:45		*	0	0	5	*	7	0	29	0	34
09:00		24	2			5	7				
09:15		11	1			6	2				
09:30		9	1			6	1				
09:45		23	1	67	5	9	3	26	13	93	18
10:00		20	0			27	5				
10:15		11	0			16	1				
10:30		13	0			19	0				
10:45		17	0	61	0	13	0	75	6	136	6
11:00		11	0			8	1				
11:15		7	1			13	2				
11:30		14	0			18	2				
11:45		13	0	45	1	17	3	56	8	101	9
Total		173	606			157	655			330	1261
Percent		22.2%	77.8%			19.3%	80.7%			20.7%	79.3%

Accurate Counts
978-664-2565

Page 2

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	09-Aug-08 Sat	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	4			4	1				
12:15		0	6			1	6				
12:30		1	2			1	5				
12:45		1	0	4	12	1	1	7	13	11	25
01:00		0	0			0	1				
01:15		1	2			1	2				
01:30		0	1			0	1				
01:45		0	1	1	4	0	2	1	6	2	10
02:00		1	0			1	1				
02:15		0	0			0	1				
02:30		0	0			1	0				
02:45		0	0	1	0	0	3	2	5	3	5
03:00		0	1			0	0				
03:15		0	1			0	2				
03:30		0	2			0	1				
03:45		0	1	0	5	0	3	0	6	0	11
04:00		0	1			0	3				
04:15		2	0			2	1				
04:30		1	0			1	0				
04:45		2	1	5	2	1	0	4	4	9	6
05:00		0	0			1	0				
05:15		0	1			0	1				
05:30		1	0			0	2				
05:45		1	1	2	2	0	1	1	4	3	6
06:00		1	1			0	1				
06:15		0	2			0	1				
06:30		5	1			0	2				
06:45		2	1	8	5	3	2	3	6	11	11
07:00		5	1			0	3				
07:15		7	0			0	0				
07:30		8	0			4	0				
07:45		8	0	28	1	2	0	6	3	34	4
08:00		9	0			3	2				
08:15		2	0			4	0				
08:30		5	0			5	0				
08:45		4	0	20	0	5	0	17	2	37	2
09:00		2	0			2	0				
09:15		6	0			1	0				
09:30		2	1			2	1				
09:45		2	0	12	1	7	0	12	1	24	2
10:00		3	0			2	1				
10:15		2	1			5	1				
10:30		1	1			0	0				
10:45		2	0	8	2	1	0	8	2	16	4
11:00		2	0			3	0				
11:15		2	0			5	0				
11:30		1	0			1	0				
11:45		4	0	9	0	4	0	13	0	22	0
Total		98	34			74	52			172	86
Percent		74.2%	25.8%			58.7%	41.3%			66.7%	33.3%

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	10-Aug-08 Sun	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	0			0	0				
12:15		1	0			1	2				
12:30		0	0			0	0				
12:45		0	0	1	0	0	1	1	3	2	3
01:00		0	1			0	1				
01:15		0	1			0	0				
01:30		0	0			0	0				
01:45		0	0	0	2	0	0	0	1	0	3
02:00		1	1			1	0				
02:15		0	1			0	1				
02:30		0	1			0	0				
02:45		0	0	1	3	0	0	1	1	2	4
03:00		0	0			0	0				
03:15		0	0			0	1				
03:30		0	0			0	0				
03:45		0	3	0	3	0	3	0	4	0	7
04:00		0	0			0	0				
04:15		0	1			0	0				
04:30		0	1			0	3				
04:45		0	2	0	4	0	2	0	5	0	9
05:00		0	2			0	2				
05:15		0	2			0	2				
05:30		0	1			0	1				
05:45		0	2	0	7	0	1	0	6	0	13
06:00		0	0			0	1				
06:15		2	0			0	0				
06:30		3	3			0	3				
06:45		2	1	7	4	0	1	0	5	7	9
07:00		1	0			0	1				
07:15		2	2			1	2				
07:30		0	1			0	2				
07:45		1	1	4	4	0	2	1	7	5	11
08:00		1	1			1	0				
08:15		0	0			1	0				
08:30		0	1			0	2				
08:45		0	1	1	3	1	0	3	2	4	5
09:00		0	1			0	2				
09:15		0	1			0	1				
09:30		0	1			1	1				
09:45		0	0	0	3	2	0	3	4	3	7
10:00		0	0			0	0				
10:15		0	0			2	0				
10:30		0	0			2	0				
10:45		1	0	1	0	1	0	5	0	6	0
11:00		1	0			1	0				
11:15		0	1			1	0				
11:30		2	1			1	0				
11:45		0	0	3	2	0	1	3	1	6	3
Total		18	35			17	39			35	74
Percent		34.0%	66.0%			30.4%	69.6%			32.1%	67.9%

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	11-Aug-08 Mon	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	14			1	25				
12:15		0	17			0	11				
12:30		0	15			0	12				
12:45		0	18	1	64	0	17	1	65	2	129
01:00		0	16			0	10				
01:15		0	14			0	8				
01:30		0	16			0	14				
01:45		2	14	2	60	1	10	1	42	3	102
02:00		1	26			2	5				
02:15		0	8			0	19				
02:30		0	17			0	20				
02:45		0	8	1	59	0	24	2	68	3	127
03:00		0	9			0	38				
03:15		0	21			0	28				
03:30		0	59			0	20				
03:45		3	32	3	121	1	22	1	108	4	229
04:00		2	74			0	51				
04:15		0	46			0	35				
04:30		1	74			2	83				
04:45		2	54	5	248	0	8	2	177	7	425
05:00		6	59			0	25				
05:15		2	9			0	48				
05:30		9	2			1	37				
05:45		10	11	27	81	0	21	1	131	28	212
06:00		17	15			3	0				
06:15		19	25			1	5				
06:30		46	2			4	18				
06:45		79	4	161	46	16	11	24	34	185	80
07:00		91	4			3	7				
07:15		160	1			2	8				
07:30		107	3			27	14				
07:45		172	2	530	10	6	16	38	45	568	55
08:00		118	3			8	10				
08:15		77	1			2	11				
08:30		51	3			2	6				
08:45		38	2	284	9	7	4	19	31	303	40
09:00		34	1			9	4				
09:15		14	0			13	3				
09:30		22	2			8	4				
09:45		15	0	85	3	9	1	39	12	124	15
10:00		21	0			4	1				
10:15		15	0			8	1				
10:30		8	0			9	1				
10:45		19	1	63	1	12	3	33	6	96	7
11:00		11	1			12	0				
11:15		8	1			11	1				
11:30		15	0			17	4				
11:45		15	0	49	2	18	2	58	7	107	9
Total		1211	704			219	726			1430	1430
Percent		63.2%	36.8%			23.2%	76.8%			50.0%	50.0%

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	12-Aug-08 Tue	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	14			3	9				
12:15		1	11			3	12				
12:30		2	22			1	19				
12:45		0	17	3	64	1	13	8	53	11	117
01:00		0	10			0	8				
01:15		0	14			0	8				
01:30		0	16			0	15				
01:45		0	12	0	52	0	12	0	43	0	95
02:00		0	11			0	16				
02:15		0	16			0	14				
02:30		0	28			0	11				
02:45		0	8	0	63	0	18	0	59	0	122
03:00		0	9			0	22				
03:15		0	16			0	32				
03:30		1	52			2	18				
03:45		0	34	1	111	0	32	2	104	3	215
04:00		1	27			0	106				
04:15		0	19			0	83				
04:30		1	70			1	83				
04:45		2	49	4	165	0	26	1	298	5	463
05:00		6	31			0	40				
05:15		7	4			0	45				
05:30		6	3			1	44				
05:45		14	34	33	72	2	3	3	132	36	204
06:00		11	2			8	28				
06:15		20	0			2	13				
06:30		54	3			6	11				
06:45		57	0	142	5	48	9	64	61	206	66
07:00		75	0			29	4				
07:15		140	1			4	5				
07:30		145	1			6	9				
07:45		159	2	519	4	2	17	41	35	560	39
08:00		114	0			4	7				
08:15		90	1			7	5				
08:30		55	0			3	1				
08:45		41	0	300	1	5	4	19	17	319	18
09:00		35	3			5	2				
09:15		14	5			8	0				
09:30		20	0			13	9				
09:45		16	1	85	9	15	0	41	11	126	20
10:00		22	0			14	2				
10:15		19	0			14	3				
10:30		17	0			15	4				
10:45		22	0	80	0	13	0	56	9	136	9
11:00		17	2			13	1				
11:15		11	1			14	0				
11:30		8	1			15	3				
11:45		17	0	53	4	11	3	53	7	106	11
Total		1220	550			288	829			1508	1379
Percent		68.9%	31.1%			25.8%	74.2%			52.2%	47.8%

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	13-Aug-08 Wed	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	12			8	15				
12:15		0	12			1	18				
12:30		0	22			2	22				
12:45		0	17	0	63	0	10	11	65	11	128
01:00		0	26			0	21				
01:15		0	12			0	14				
01:30		1	14			0	16				
01:45		0	12	1	64	0	13	0	64	1	128
02:00		0	9			1	27				
02:15		0	18			0	19				
02:30		0	6			0	30				
02:45		0	10	0	43	0	18	1	94	1	137
03:00		1	8			0	31				
03:15		0	25			2	18				
03:30		1	34			0	44				
03:45		1	17	3	84	2	51	4	144	7	228
04:00		0	34			0	60				
04:15		0	55			0	48				
04:30		1	111			0	25				
04:45		4	47	5	247	0	20	0	153	5	400
05:00		3	64			0	4				
05:15		7	25			0	32				
05:30		8	20			0	42				
05:45		16	1	34	110	3	19	3	97	37	207
06:00		17	3			6	17				
06:15		24	4			2	26				
06:30		33	1			13	20				
06:45		91	2	165	10	7	13	28	76	193	86
07:00		92	3			4	8				
07:15		131	10			3	0				
07:30		153	8			5	0				
07:45		167	12	543	33	6	0	18	8	561	41
08:00		102	3			21	15				
08:15		58	0			26	11				
08:30		61	2			8	4				
08:45		32	0	253	5	2	3	57	33	310	38
09:00		31	1			10	1				
09:15		25	1			7	1				
09:30		16	0			7	1				
09:45		12	0	84	2	9	2	33	5	117	7
10:00		20	0			8	0				
10:15		13	0			4	1				
10:30		13	0			8	1				
10:45		16	0	62	0	12	1	32	3	94	3
11:00		14	2			12	0				
11:15		10	1			18	2				
11:30		13	0			15	5				
11:45		12	1	49	4	19	1	64	8	113	12
Total		1199	665			251	750			1450	1415
Percent		64.3%	35.7%			25.1%	74.9%			50.6%	49.4%

Accurate Counts
978-664-2565

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Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	14-Aug-08 Thu	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	17			4	22				
12:15		2	20			1	20				
12:30		0	28			1	25				
12:45		0	18	4	83	1	16	7	83	11	166
01:00		0	21			2	9				
01:15		1	20			1	8				
01:30		0	11			0	14				
01:45		1	21	2	73	1	23	4	54	6	127
02:00		0	16			1	12				
02:15		0	16			0	20				
02:30		0	13			0	25				
02:45		0	9	0	54	0	29	1	86	1	140
03:00		0	7			0	34				
03:15		0	13			0	35				
03:30		0	40			0	32				
03:45		0	26	0	86	0	24	0	125	0	211
04:00		1	66			0	51				
04:15		2	47			3	63				
04:30		2	133			1	3				
04:45		6	57	11	303	1	15	5	132	16	435
05:00		3	78			0	3				
05:15		4	4			1	39				
05:30		8	0			1	37				
05:45		12	1	27	83	1	32	3	111	30	194
06:00		23	4			6	29				
06:15		27	1			1	17				
06:30		59	1			7	15				
06:45		102	2	211	8	13	9	27	70	238	78
07:00		86	0			5	10				
07:15		142	2			6	9				
07:30		138	1			4	15				
07:45		156	1	522	4	3	9	18	43	540	47
08:00		108	1			5	21				
08:15		88	0			9	7				
08:30		33	0			32	5				
08:45		52	0	281	1	7	3	53	36	334	37
09:00		32	0			4	3				
09:15		24	0			12	1				
09:30		17	1			10	3				
09:45		17	0	90	1	13	0	39	7	129	8
10:00		9	0			18	1				
10:15		13	0			11	0				
10:30		10	0			9	0				
10:45		19	0	51	0	12	1	50	2	101	2
11:00		11	0			13	1				
11:15		8	1			10	3				
11:30		12	1			9	3				
11:45		16	1	47	3	11	1	43	8	90	11
Total		1246	699			250	757			1496	1456
Percent		64.1%	35.9%			24.8%	75.2%			50.7%	49.3%

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	15-Aug-08 Fri	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	12			4	23				
12:15		1	14			1	21				
12:30		1	31			2	15				
12:45		0	16	2	73	0	20	7	79	9	152
01:00		0	12			0	18				
01:15		2	13			1	15				
01:30		2	11			2	22				
01:45		1	12	5	48	2	12	5	67	10	115
02:00		0	9			0	20				
02:15		2	14			1	15				
02:30		1	16			2	20				
02:45		0	7	3	46	0	15	3	70	6	116
03:00		0	9			0	34				
03:15		0	9			0	28				
03:30		0	12			0	50				
03:45		0	15	0	45	0	48	0	160	0	205
04:00		0	25			0	66				
04:15		0	8			0	58				
04:30		1	104			1	4				
04:45		2	31	3	168	0	22	1	150	4	318
05:00		3	10			1	44				
05:15		7	10			2	26				
05:30		12	4			1	23				
05:45		16	2	38	26	0	25	4	118	42	144
06:00		17	5			6	15				
06:15		20	7			3	29				
06:30		46	1			8	10				
06:45		80	1	163	14	2	11	19	65	182	79
07:00		99	1			0	7				
07:15		144	3			6	6				
07:30		95	1			16	5				
07:45		103	1	441	6	30	8	52	26	493	32
08:00		105	0			2	15				
08:15		69	0			11	11				
08:30		56	0			10	3				
08:45		36	0	266	0	10	2	33	31	299	31
09:00		28	0			8	1				
09:15		23	0			7	2				
09:30		15	0			14	0				
09:45		23	0	89	0	10	1	39	4	128	4
10:00		17	1			14	3				
10:15		12	0			7	0				
10:30		12	0			8	1				
10:45		11	0	52	1	9	1	38	5	90	6
11:00		10	0			9	2				
11:15		12	1			14	4				
11:30		6	1			24	1				
11:45		13	1	41	3	21	1	68	8	109	11
Total		1103	430			269	783			1372	1213
Percent		72.0%	28.0%			25.6%	74.4%			53.1%	46.9%

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	16-Aug-08 Sat	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	1			5	2				
12:15		0	1			0	6				
12:30		0	1			0	2				
12:45		0	4	2	7	0	2	5	12	7	19
01:00		0	1			0	4				
01:15		1	1			1	2				
01:30		0	1			0	2				
01:45		1	3	2	6	0	3	1	11	3	17
02:00		3	0			3	1				
02:15		1	0			2	1				
02:30		1	0			1	1				
02:45		0	1	5	1	0	2	6	5	11	6
03:00		0	0			0	0				
03:15		0	0			0	0				
03:30		0	1			0	0				
03:45		0	0	0	1	0	1	0	1	0	2
04:00		1	0			1	3				
04:15		0	0			0	0				
04:30		0	0			0	2				
04:45		0	0	1	0	0	0	1	5	2	5
05:00		1	0			0	0				
05:15		0	1			0	0				
05:30		1	0			0	0				
05:45		0	1	2	2	0	0	0	0	2	2
06:00		1	0			0	0				
06:15		2	2			0	2				
06:30		3	0			0	1				
06:45		6	0	12	2	0	1	0	4	12	6
07:00		3	1			0	1				
07:15		3	0			2	2				
07:30		9	1			1	0				
07:45		10	4	25	6	2	3	5	6	30	12
08:00		1	1			4	0				
08:15		4	1			2	3				
08:30		3	1			2	1				
08:45		3	2	11	5	1	1	9	5	20	10
09:00		1	2			2	2				
09:15		1	2			1	3				
09:30		3	2			6	1				
09:45		1	2	6	8	0	3	9	9	15	17
10:00		0	2			4	1				
10:15		0	0			1	1				
10:30		3	0			0	0				
10:45		1	0	4	2	4	0	9	2	13	4
11:00		1	0			3	0				
11:15		0	1			2	0				
11:30		4	1			3	0				
11:45		3	0	8	2	7	2	15	2	23	4
Total		78	42			60	62			138	104
Percent		65.0%	35.0%			49.2%	50.8%			57.0%	43.0%

Site Code: 13065004
13065004

Start Time	17-Aug-08 Sun	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	1			0	0				
12:15		0	0			0	2				
12:30		0	0			0	1				
12:45		0	1	0	2	0	0	0	3	0	5
01:00		0	1			0	0				
01:15		0	1			0	0				
01:30		1	0			1	2				
01:45		0	1	1	3	0	1	1	3	2	6
02:00		0	2			0	0				
02:15		0	1			0	0				
02:30		1	1			1	3				
02:45		0	1	1	5	0	0	1	3	2	8
03:00		0	0			0	2				
03:15		0	0			0	1				
03:30		1	2			0	3				
03:45		0	0	1	2	0	0	0	6	1	8
04:00		0	0			0	2				
04:15		0	1			0	0				
04:30		0	0			0	0				
04:45		0	0	0	1	0	1	0	3	0	4
05:00		0	0			0	0				
05:15		1	0			0	2				
05:30		0	0			0	0				
05:45		1	0	2	0	1	1	1	3	3	3
06:00		0	*			0	*				
06:15		0	*			0	*				
06:30		2	*			0	*				
06:45		3	*	5	0	0	*	0	0	5	0
07:00		1	*			0	*				
07:15		3	*			0	*				
07:30		3	*			2	*				
07:45		2	*	9	0	0	*	2	0	11	0
08:00		1	*			2	*				
08:15		1	*			0	*				
08:30		3	*			1	*				
08:45		0	*	5	0	1	*	4	0	9	0
09:00		0	*			1	*				
09:15		0	*			0	*				
09:30		1	*			1	*				
09:45		0	*	1	0	1	*	3	0	4	0
10:00		1	*			1	*				
10:15		1	*			1	*				
10:30		0	*			1	*				
10:45		0	*	2	0	0	*	3	0	5	0
11:00		1	*			1	*				
11:15		0	*			1	*				
11:30		0	*			1	*				
11:45		0	*	1	0	0	*	3	0	4	0
Total		28	13			18	21			46	34
Percent		68.3%	31.7%			46.2%	53.8%			57.5%	42.5%
Grand Total		6374	3778			1603	4674			7977	8452
Percent		62.8%	37.2%			25.5%	74.5%			48.6%	51.4%
ADT		ADT 1,893	AADT 1,893								

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	04-Aug-08		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	*	*	*	*	*	*	4	7	1	1	2	4
01:00	*	*	*	*	*	*	*	*	*	*	1	1	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	1	2	1	1	1	2
03:00	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	5	4	0	0	2	2
05:00	*	*	*	*	*	*	*	*	*	*	2	1	0	0	1	0
06:00	*	*	*	*	*	*	*	*	*	*	8	3	7	0	8	2
07:00	*	*	*	*	*	*	*	*	*	*	28	6	4	1	16	4
08:00	*	*	*	*	*	*	*	*	*	*	20	17	1	3	10	10
09:00	*	*	*	*	*	*	*	*	67	26	12	12	0	3	26	14
10:00	*	*	*	*	*	*	*	*	61	75	8	8	1	5	23	29
11:00	*	*	*	*	*	*	*	*	45	56	9	13	3	3	19	24
12:00 PM	*	*	*	*	*	*	*	*	66	74	12	13	0	3	26	30
01:00	*	*	*	*	*	*	*	*	62	54	4	6	2	1	23	20
02:00	*	*	*	*	*	*	*	*	54	97	0	5	3	1	19	34
03:00	*	*	*	*	*	*	*	*	120	53	5	6	3	4	43	21
04:00	*	*	*	*	*	*	*	*	196	146	2	4	4	5	67	52
05:00	*	*	*	*	*	*	*	*	59	107	2	4	7	6	23	39
06:00	*	*	*	*	*	*	*	*	33	22	5	6	4	5	14	11
07:00	*	*	*	*	*	*	*	*	5	46	1	3	4	7	3	19
08:00	*	*	*	*	*	*	*	*	5	29	0	2	3	2	3	11
09:00	*	*	*	*	*	*	*	*	5	13	1	1	3	4	3	6
10:00	*	*	*	*	*	*	*	*	0	6	2	2	0	0	1	3
11:00	*	*	*	*	*	*	*	*	1	8	0	0	2	1	1	3
Lane	0	0	0	0	0	0	0	0	779	812	132	126	53	56	334	340
Day	0	0	0	0	0	0	0	0	1591	1591	258	109	109	109	674	674
AM Peak	-	-	-	-	-	-	-	-	09:00	10:00	07:00	08:00	06:00	10:00	09:00	10:00
Vol.	-	-	-	-	-	-	-	-	67	75	28	17	7	5	26	29
PM Peak	-	-	-	-	-	-	-	-	16:00	16:00	12:00	12:00	17:00	19:00	16:00	16:00
Vol.	-	-	-	-	-	-	-	-	196	146	12	13	7	7	67	52

Accurate Counts
978-664-2565

Location : Driveway
Location : North of Ring Road
City/State: West Haven, CT

Site Code: 13065004
13065004

Start Time	11-Aug-08		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	1	1	3	8	0	11	4	7	2	7	2	5	0	0	2	6
01:00	2	1	0	0	1	0	2	4	5	5	2	1	1	1	2	2
02:00	1	2	0	0	0	1	0	1	3	3	5	6	1	1	1	2
03:00	3	1	1	2	3	4	0	0	0	0	0	0	1	0	1	1
04:00	5	2	4	1	5	0	11	5	3	1	1	1	0	0	4	1
05:00	27	1	33	3	34	3	27	3	38	4	2	0	2	1	23	2
06:00	161	24	142	64	165	28	211	27	163	19	12	0	5	0	123	23
07:00	530	38	519	41	543	18	522	18	441	52	25	5	9	2	370	25
08:00	284	19	300	19	253	57	281	53	266	33	11	9	5	4	200	28
09:00	85	39	85	41	84	33	90	39	89	39	6	9	1	3	63	29
10:00	63	33	80	56	62	32	51	50	52	38	4	9	2	3	45	32
11:00	49	58	53	53	49	64	47	43	41	68	8	15	1	3	35	43
12:00 PM	64	65	64	53	63	65	83	83	73	79	7	12	2	3	51	51
01:00	60	42	52	43	64	64	73	54	48	67	6	11	3	3	44	41
02:00	59	68	63	59	43	94	54	86	46	70	1	5	5	3	39	55
03:00	121	108	111	104	84	144	86	125	45	160	1	1	2	6	64	93
04:00	248	177	165	298	247	153	303	132	168	150	0	5	1	3	162	131
05:00	81	131	72	132	110	97	83	111	26	118	2	0	0	3	53	85
06:00	46	34	5	61	10	76	8	70	14	65	2	4	2	3	14	52
07:00	10	45	4	35	33	8	4	43	6	26	6	6	6	*	10	27
08:00	9	31	1	17	5	33	1	36	0	31	5	5	*	*	4	26
09:00	3	12	9	11	2	5	1	7	0	4	8	9	*	*	4	8
10:00	1	6	0	9	0	3	0	2	1	5	2	2	*	*	1	4
11:00	2	7	4	7	4	8	3	8	3	8	2	2	*	*	3	7
Lane	1915	945	1770	1117	1864	1001	1945	1007	1533	1052	120	122	41	39	1318	774
Day	2860		2887		2865		2952		2585		242		80		2092	
AM Peak	07:00	11:00	07:00	06:00	07:00	11:00	07:00	08:00	07:00	11:00	07:00	11:00	08:00	08:00	07:00	11:00
Vol.	530	58	519	64	543	64	522	53	441	68	25	15	9	4	370	43
PM Peak	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	15:00	21:00	12:00	14:00	15:00	16:00	16:00
Vol.	248	177	165	298	247	153	303	132	168	160	8	12	5	6	162	131

Comb. Total 2860 2887 2865 2952 4176 500 189 2766

ADT ADT 1,893 AADT 1,893

Accurate Counts
978-664-2565

Page 1

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start	08-Aug-14	WB		Hour Totals		EB		Hour Totals		Combined Totals	
Time	Fri	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		*	26			*	32				
12:15		*	21			*	37				
12:30		*	26			*	36				
12:45		*	30	0	103	*	36	0	141	0	244
01:00		*	11			*	41				
01:15		*	29			*	30				
01:30		*	24			*	25				
01:45		*	20	0	84	*	23	0	119	0	203
02:00		*	14			*	36				
02:15		*	18			*	41				
02:30		*	16			*	34				
02:45		*	20	0	68	*	38	0	149	0	217
03:00		*	15			*	46				
03:15		*	18			*	42				
03:30		*	12			*	86				
03:45		*	10	0	55	*	55	0	229	0	284
04:00		*	20			*	121				
04:15		*	8			*	84				
04:30		*	6			*	117				
04:45		*	4	0	38	*	59	0	381	0	419
05:00		*	5			*	55				
05:15		*	7			*	48				
05:30		*	9			*	42				
05:45		*	4	0	25	*	25	0	170	0	195
06:00		*	2			*	22				
06:15		*	9			*	25				
06:30		*	3			*	15				
06:45		*	7	0	21	*	15	0	77	0	98
07:00		*	10			*	9				
07:15		*	7			*	13				
07:30		*	7			*	16				
07:45		*	6	0	30	*	15	0	53	0	83
08:00		*	1			*	12				
08:15		*	0			*	10				
08:30		*	3			*	5				
08:45		*	1	0	5	*	7	0	34	0	39
09:00		20	3			23	8				
09:15		19	1			19	3				
09:30		13	1			23	2				
09:45		22	4	74	9	17	6	82	19	156	28
10:00		18	2			40	8				
10:15		22	2			36	3				
10:30		21	1			35	1				
10:45		28	3	89	8	28	3	139	15	228	23
11:00		20	0			27	5				
11:15		16	9			34	9				
11:30		26	5			37	6				
11:45		21	3	83	17	35	14	133	34	216	51
Total		246	463			354	1421			600	1884
Percent		34.7%	65.3%			19.9%	80.1%			24.2%	75.8%

Accurate Counts
978-664-2565

Page 2

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	09-Aug-14 Sat	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	4			13	12				
12:15		0	4			3	14				
12:30		0	7			3	5				
12:45		1	1	2	16	1	4	20	35	22	51
01:00		0	5			2	11				
01:15		0	3			5	6				
01:30		0	1			0	9				
01:45		0	4	0	13	0	17	7	43	7	56
02:00		1	5			4	7				
02:15		0	6			1	4				
02:30		0	4			1	8				
02:45		0	6	1	21	0	14	6	33	7	54
03:00		1	4			1	11				
03:15		1	12			0	10				
03:30		0	3			0	9				
03:45		4	5	6	24	0	11	1	41	7	65
04:00		0	9			1	15				
04:15		0	2			2	8				
04:30		0	3			3	3				
04:45		1	2	1	16	3	4	9	30	10	46
05:00		2	5			1	9				
05:15		4	3			2	8				
05:30		4	2			0	7				
05:45		8	7	18	17	1	5	4	29	22	46
06:00		3	3			1	7				
06:15		4	3			3	2				
06:30		12	3			3	9				
06:45		10	4	29	13	5	7	12	25	41	38
07:00		19	7			3	7				
07:15		31	5			7	4				
07:30		21	4			6	3				
07:45		17	1	88	17	12	12	28	26	116	43
08:00		12	2			12	8				
08:15		5	1			18	6				
08:30		8	0			10	2				
08:45		6	0	31	3	12	3	52	19	83	22
09:00		6	1			11	4				
09:15		9	2			7	1				
09:30		6	2			4	2				
09:45		8	2	29	7	10	3	32	10	61	17
10:00		4	2			5	3				
10:15		3	0			16	1				
10:30		11	1			7	4				
10:45		6	1	24	4	6	3	34	11	58	15
11:00		4	2			16	2				
11:15		2	5			3	4				
11:30		5	5			10	2				
11:45		5	3	16	15	9	6	38	14	54	29
Total		245	166			243	316			488	482
Percent		59.6%	40.4%			43.5%	56.5%			50.3%	49.7%

Accurate Counts
978-664-2565

Page 3

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	10-Aug-14 Sun	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	1			7	7				
12:15		0	2			5	7				
12:30		0	1			0	4				
12:45		0	1	1	5	0	4	12	22	13	27
01:00		0	6			1	7				
01:15		0	3			0	6				
01:30		0	6			1	5				
01:45		0	3	0	18	0	6	2	24	2	42
02:00		0	2			1	3				
02:15		0	5			0	8				
02:30		0	3			1	4				
02:45		0	3	0	13	0	2	2	17	2	30
03:00		0	6			1	4				
03:15		0	11			0	7				
03:30		0	6			0	8				
03:45		1	4	1	27	0	10	1	29	2	56
04:00		0	1			0	19				
04:15		0	3			1	3				
04:30		0	6			0	4				
04:45		0	0	0	10	1	3	2	29	2	39
05:00		1	4			0	7				
05:15		1	2			0	8				
05:30		0	1			0	3				
05:45		5	1	7	8	1	2	1	20	8	28
06:00		2	0			2	3				
06:15		3	3			2	2				
06:30		5	2			0	7				
06:45		13	4	23	9	1	3	5	15	28	24
07:00		12	6			2	1				
07:15		18	9			4	7				
07:30		4	7			5	3				
07:45		6	3	40	25	15	14	26	25	66	50
08:00		3	2			14	12				
08:15		3	2			5	3				
08:30		1	2			3	3				
08:45		4	1	11	7	0	0	22	18	33	25
09:00		4	0			3	1				
09:15		1	1			1	1				
09:30		3	0			0	4				
09:45		8	2	16	3	2	1	6	7	22	10
10:00		2	1			4	2				
10:15		1	0			1	0				
10:30		2	3			7	0				
10:45		2	2	7	6	5	4	17	6	24	12
11:00		8	2			6	3				
11:15		3	6			4	4				
11:30		6	1			8	1				
11:45		5	2	22	11	4	11	22	19	44	30
Total		128	142			118	231			246	373
Percent		47.4%	52.6%			33.8%	66.2%			39.7%	60.3%

Accurate Counts
978-664-2565

Page 4

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	11-Aug-14 Mon	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	24			8	51				
12:15		0	35			5	30				
12:30		2	39			0	28				
12:45		0	38	4	136	1	39	14	148	18	284
01:00		0	26			0	22				
01:15		0	22			0	28				
01:30		0	25			0	39				
01:45		0	29	0	102	1	27	1	116	1	218
02:00		0	27			1	39				
02:15		0	22			1	37				
02:30		0	24			0	44				
02:45		1	27	1	100	1	44	3	164	4	264
03:00		0	15			1	66				
03:15		0	28			0	59				
03:30		0	13			0	85				
03:45		1	9	1	65	1	81	2	291	3	356
04:00		1	13			3	139				
04:15		0	13			0	89				
04:30		0	8			2	154				
04:45		3	3	4	37	1	77	6	459	10	496
05:00		6	9			0	89				
05:15		6	4			0	65				
05:30		14	5			1	45				
05:45		14	4	40	22	1	30	2	229	42	251
06:00		19	2			7	18				
06:15		25	4			7	36				
06:30		50	8			10	14				
06:45		84	8	178	22	6	21	30	89	208	111
07:00		98	7			7	8				
07:15		87	9			68	17				
07:30		86	6			48	12				
07:45		91	5	362	27	82	13	205	50	567	77
08:00		101	4			31	17				
08:15		99	0			25	10				
08:30		57	3			17	10				
08:45		53	4	310	11	22	4	95	41	405	52
09:00		39	4			33	9				
09:15		34	0			23	4				
09:30		38	1			27	8				
09:45		26	1	137	6	19	6	102	27	239	33
10:00		37	1			22	4				
10:15		33	1			27	2				
10:30		28	1			22	6				
10:45		24	2	122	5	33	2	104	14	226	19
11:00		24	4			32	4				
11:15		13	5			32	10				
11:30		24	6			45	12				
11:45		24	2	85	17	45	8	154	34	239	51
Total		1244	550			718	1662			1962	2212
Percent		69.3%	30.7%			30.2%	69.8%			47.0%	53.0%

Accurate Counts
978-664-2565

Page 5

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	12-Aug-14 Tue	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	25			15	34				
12:15		2	26			6	37				
12:30		0	34			2	30				
12:45		0	33	5	118	4	41	27	142	32	260
01:00		0	27			0	19				
01:15		0	27			1	30				
01:30		0	32			0	29				
01:45		0	30	0	116	2	41	3	119	3	235
02:00		0	22			0	43				
02:15		0	27			0	41				
02:30		0	23			0	49				
02:45		1	30	1	102	0	44	0	177	1	279
03:00		0	23			0	51				
03:15		1	27			1	65				
03:30		2	11			2	105				
03:45		1	15	4	76	0	90	3	311	7	387
04:00		0	11			0	139				
04:15		0	11			1	129				
04:30		1	9			1	149				
04:45		0	9	1	40	1	91	3	508	4	548
05:00		5	7			0	85				
05:15		9	8			1	49				
05:30		14	7			3	53				
05:45		18	4	46	26	2	41	6	228	52	254
06:00		18	5			14	33				
06:15		25	4			8	15				
06:30		50	8			10	24				
06:45		106	5	199	22	10	12	42	84	241	106
07:00		84	8			9	11				
07:15		131	8			11	11				
07:30		104	4			42	15				
07:45		139	5	458	25	15	21	77	58	535	83
08:00		88	5			52	13				
08:15		81	3			22	9				
08:30		60	0			32	4				
08:45		49	1	278	9	22	9	128	35	406	44
09:00		47	1			17	4				
09:15		24	1			22	10				
09:30		35	0			24	9				
09:45		42	1	148	3	24	3	87	26	235	29
10:00		22	0			26	4				
10:15		24	1			34	2				
10:30		24	3			32	7				
10:45		25	1	95	5	28	2	120	15	215	20
11:00		25	1			30	3				
11:15		18	6			30	4				
11:30		20	3			34	16				
11:45		24	4	87	14	28	13	122	36	209	50
Total		1322	556			618	1739			1940	2295
Percent		70.4%	29.6%			26.2%	73.8%			45.8%	54.2%

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	13-Aug-14 Wed	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	29			19	39				
12:15		1	28			3	35				
12:30		0	31			2	31				
12:45		0	34	3	122	1	27	25	132	28	254
01:00		0	37			1	27				
01:15		2	22			0	33				
01:30		0	21			2	33				
01:45		0	28	2	108	0	25	3	118	5	226
02:00		0	17			3	47				
02:15		0	27			2	40				
02:30		0	23			0	57				
02:45		0	22	0	89	0	40	5	184	5	273
03:00		3	21			1	52				
03:15		0	22			1	71				
03:30		0	12			0	112				
03:45		0	17	3	72	0	79	2	314	5	386
04:00		1	12			1	117				
04:15		2	7			0	106				
04:30		2	8			0	153				
04:45		3	10	8	37	1	68	2	444	10	481
05:00		6	18			1	61				
05:15		10	33			0	42				
05:30		9	2			1	56				
05:45		19	2	44	55	6	30	8	189	52	244
06:00		19	9			9	23				
06:15		28	7			5	32				
06:30		34	4			15	18				
06:45		93	4	174	24	11	13	40	86	214	110
07:00		90	10			15	14				
07:15		109	9			31	14				
07:30		111	5			28	20				
07:45		136	7	446	31	32	12	106	60	552	91
08:00		84	4			52	19				
08:15		75	1			19	22				
08:30		68	6			26	6				
08:45		36	1	263	12	19	6	116	53	379	65
09:00		49	2			31	3				
09:15		38	3			20	3				
09:30		31	1			23	3				
09:45		26	0	144	6	27	6	101	15	245	21
10:00		24	0			23	2				
10:15		24	3			19	1				
10:30		27	2			30	6				
10:45		29	3	104	8	44	3	116	12	220	20
11:00		25	5			38	3				
11:15		19	3			33	10				
11:30		20	5			32	14				
11:45		22	3	86	16	45	8	148	35	234	51
Total		1277	580			672	1642			1949	2222
Percent		68.8%	31.2%			29.0%	71.0%			46.7%	53.3%

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	14-Aug-14 Thu	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	36			15	37				
12:15		1	28			4	53				
12:30		0	38			1	34				
12:45		0	36	4	138	0	37	20	161	24	299
01:00		1	33			6	32				
01:15		0	28			2	26				
01:30		0	18			1	40				
01:45		0	25	1	104	2	48	11	146	12	250
02:00		0	30			1	34				
02:15		0	26			0	38				
02:30		0	23			0	43				
02:45		0	20	0	99	0	57	1	172	1	271
03:00		1	15			0	50				
03:15		1	27			2	54				
03:30		0	11			0	100				
03:45		1	12	3	65	0	76	2	280	5	345
04:00		0	16			0	124				
04:15		1	7			2	107				
04:30		1	5			3	128				
04:45		5	6	7	34	2	76	7	435	14	469
05:00		5	12			9	90				
05:15		6	8			14	44				
05:30		10	1			0	45				
05:45		15	6	36	27	0	31	23	210	59	237
06:00		20	8			9	41				
06:15		32	6			10	21				
06:30		58	7			7	23				
06:45		94	4	204	25	17	16	43	101	247	126
07:00		101	10			17	11				
07:15		73	16			69	13				
07:30		103	6			31	19				
07:45		91	2	368	34	59	10	176	53	544	87
08:00		64	2			78	31				
08:15		81	4			20	10				
08:30		61	3			23	9				
08:45		58	0	264	9	21	6	142	56	406	65
09:00		43	2			23	8				
09:15		27	1			28	2				
09:30		32	1			24	4				
09:45		28	0	130	4	32	6	107	20	237	24
10:00		19	2			27	2				
10:15		26	2			31	2				
10:30		24	1			32	4				
10:45		29	1	98	6	34	3	124	11	222	17
11:00		23	1			41	3				
11:15		18	5			45	10				
11:30		17	7			35	19				
11:45		24	3	82	16	40	10	161	42	243	58
Total		1197	561			817	1687			2014	2248
Percent		68.1%	31.9%			32.6%	67.4%			47.3%	52.7%

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	15-Aug-14 Fri	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	25			13	47				
12:15		1	29			3	39				
12:30		0	30			5	43				
12:45		0	26	3	110	0	36	21	165	24	275
01:00		0	23			2	32				
01:15		1	27			0	34				
01:30		0	18			1	31				
01:45		0	24	1	92	3	24	6	121	7	213
02:00		0	14			3	33				
02:15		1	15			2	35				
02:30		0	18			3	46				
02:45		1	22	2	69	0	34	8	148	10	217
03:00		0	21			0	58				
03:15		0	21			2	50				
03:30		1	18			0	76				
03:45		0	12	1	72	1	79	3	263	4	335
04:00		0	9			0	106				
04:15		0	9			0	66				
04:30		1	4			1	119				
04:45		2	5	3	27	0	67	1	358	4	385
05:00		3	3			1	62				
05:15		9	6			0	42				
05:30		15	3			4	25				
05:45		20	4	47	16	4	34	9	163	56	179
06:00		18	5			10	23				
06:15		24	15			11	35				
06:30		53	4			13	13				
06:45		83	7	178	31	9	12	43	83	221	114
07:00		97	6			13	12				
07:15		125	10			15	13				
07:30		87	6			21	7				
07:45		114	4	423	26	20	9	69	41	492	67
08:00		81	2			24	20				
08:15		74	1			33	9				
08:30		67	2			27	6				
08:45		45	3	267	8	19	7	103	42	370	50
09:00		41	1			30	0				
09:15		41	3			20	3				
09:30		27	3			31	2				
09:45		35	0	144	7	20	0	101	5	245	12
10:00		17	1			33	5				
10:15		20	2			30	0				
10:30		20	2			25	3				
10:45		23	4	80	9	31	3	119	11	199	20
11:00		22	1			38	4				
11:15		23	7			29	10				
11:30		10	3			36	9				
11:45		28	3	83	14	50	11	153	34	236	48
Total		1232	481			636	1434			1868	1915
Percent		71.9%	28.1%			30.7%	69.3%			49.4%	50.6%

Accurate Counts
978-664-2565

Page 9

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	16-Aug-14 Sat	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	7			13	8				
12:15		2	3			6	13				
12:30		0	5			1	8				
12:45		0	4	2	19	2	6	22	35	24	54
01:00		0	4			0	7				
01:15		2	3			2	13				
01:30		2	6			1	5				
01:45		0	2	4	15	3	14	6	39	10	54
02:00		0	3			4	5				
02:15		0	7			3	5				
02:30		0	5			3	13				
02:45		0	6	0	21	1	3	11	26	11	47
03:00		0	6			0	2				
03:15		0	8			1	4				
03:30		1	7			0	14				
03:45		1	3	2	24	0	10	1	30	3	54
04:00		2	2			2	11				
04:15		0	2			0	8				
04:30		1	4			0	10				
04:45		2	0	5	8	0	5	2	34	7	42
05:00		1	3			0	3				
05:15		0	5			1	7				
05:30		5	1			1	7				
05:45		6	1	12	10	1	5	3	22	15	32
06:00		2	2			4	2				
06:15		4	5			7	4				
06:30		13	2			4	5				
06:45		18	9	37	18	3	8	18	19	55	37
07:00		14	14			4	8				
07:15		26	11			7	4				
07:30		15	5			7	4				
07:45		15	3	70	33	9	13	27	29	97	62
08:00		8	2			17	6				
08:15		5	2			8	9				
08:30		3	0			9	5				
08:45		5	0	21	4	8	5	42	25	63	29
09:00		5	2			5	4				
09:15		5	3			7	4				
09:30		9	2			7	6				
09:45		7	2	26	9	4	5	23	19	49	28
10:00		2	0			10	3				
10:15		2	0			6	4				
10:30		6	1			10	2				
10:45		6	3	16	4	7	2	33	11	49	15
11:00		2	0			8	1				
11:15		2	3			6	6				
11:30		4	3			9	2				
11:45		6	5	14	11	12	13	35	22	49	33
Total		209	176			223	311			432	487
Percent		54.3%	45.7%			41.8%	58.2%			47.0%	53.0%

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	17-Aug-14 Sun	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	4			7	2				
12:15		1	2			5	6				
12:30		0	6			0	3				
12:45		0	0	1	12	1	6	13	17	14	29
01:00		0	10			2	4				
01:15		0	3			0	2				
01:30		1	7			1	6				
01:45		0	7	1	27	0	12	3	24	4	51
02:00		0	5			1	6				
02:15		0	2			0	9				
02:30		1	4			0	8				
02:45		0	5	1	16	1	2	2	25	3	41
03:00		0	7			1	8				
03:15		0	10			2	4				
03:30		0	3			0	8				
03:45		0	2	0	22	0	13	3	33	3	55
04:00		0	2			0	9				
04:15		0	1			0	6				
04:30		0	2			0	4				
04:45		0	1	0	6	0	3	0	22	0	28
05:00		0	2			2	2				
05:15		1	0			0	5				
05:30		1	2			0	4				
05:45		1	*	3	4	1	*	3	11	6	15
06:00		0	*			1	*				
06:15		0	*			0	*				
06:30		8	*			2	*				
06:45		7	*	15	0	4	*	7	0	22	0
07:00		12	*			1	*				
07:15		23	*			8	*				
07:30		9	*			6	*				
07:45		6	*	50	0	10	*	25	0	75	0
08:00		6	*			17	*				
08:15		6	*			9	*				
08:30		3	*			7	*				
08:45		1	*	16	0	1	*	34	0	50	0
09:00		1	*			2	*				
09:15		5	*			1	*				
09:30		3	*			4	*				
09:45		2	*	11	0	2	*	9	0	20	0
10:00		2	*			2	*				
10:15		3	*			5	*				
10:30		7	*			6	*				
10:45		5	*	17	0	5	*	18	0	35	0
11:00		6	*			5	*				
11:15		4	*			4	*				
11:30		4	*			8	*				
11:45		1	*	15	0	2	*	19	0	34	0
Total		130	87			136	132			266	219
Percent		59.9%	40.1%			50.7%	49.3%			54.8%	45.2%
Grand Total		7230	3762			4535	10575			11765	14337
Percent		65.8%	34.2%			30.0%	70.0%			45.1%	54.9%
ADT		ADT 2,724				AADT 2,724					

Location : Lamson Road
Location : East of Ring Road
City/State: West Haven, CT

Site Code: 13065005
13065005

Start Time	04-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	*	*	*	*	*	*	2	20	1	12	2	16
01:00	*	*	*	*	*	*	*	*	*	*	0	7	0	2	0	4
02:00	*	*	*	*	*	*	*	*	*	*	1	6	0	2	0	4
03:00	*	*	*	*	*	*	*	*	*	*	6	1	1	1	4	1
04:00	*	*	*	*	*	*	*	*	*	*	1	9	0	2	0	6
05:00	*	*	*	*	*	*	*	*	*	*	18	4	7	1	12	2
06:00	*	*	*	*	*	*	*	*	*	*	29	12	23	5	26	8
07:00	*	*	*	*	*	*	*	*	*	*	88	28	40	26	64	27
08:00	*	*	*	*	*	*	*	*	*	*	31	52	11	22	21	37
09:00	*	*	*	*	*	*	*	*	*	*	29	32	16	6	40	40
10:00	*	*	*	*	*	*	*	*	*	*	24	34	7	17	40	63
11:00	*	*	*	*	*	*	*	*	*	*	16	38	22	22	40	64
12:00 PM	*	*	*	*	*	*	*	*	*	*	16	35	5	22	41	66
01:00	*	*	*	*	*	*	*	*	*	*	13	43	18	24	38	62
02:00	*	*	*	*	*	*	*	*	*	*	21	33	13	17	34	66
03:00	*	*	*	*	*	*	*	*	*	*	24	41	27	29	35	100
04:00	*	*	*	*	*	*	*	*	*	*	16	30	10	29	21	147
05:00	*	*	*	*	*	*	*	*	*	*	17	29	8	20	17	73
06:00	*	*	*	*	*	*	*	*	*	*	13	25	9	15	14	39
07:00	*	*	*	*	*	*	*	*	*	*	17	26	25	25	24	35
08:00	*	*	*	*	*	*	*	*	*	*	3	19	7	18	5	24
09:00	*	*	*	*	*	*	*	*	*	*	7	10	3	7	6	12
10:00	*	*	*	*	*	*	*	*	*	*	4	11	6	6	6	11
11:00	*	*	*	*	*	*	*	*	*	*	15	14	11	19	14	22
Lane	0	0	0	0	0	0	0	0	709	1775	411	559	270	349	504	929
Day	0	0	0	0	0	0	0	0	2484	970	970	619	619	1433	1433	1433
AM Peak Vol.	-	-	-	-	-	-	-	-	10:00	10:00	07:00	08:00	07:00	07:00	07:00	11:00
PM Peak Vol.	-	-	-	-	-	-	-	-	12:00	16:00	15:00	13:00	15:00	15:00	12:00	16:00
	-	-	-	-	-	-	-	-	103	381	24	43	27	29	41	147

Start Time	11-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	4	14	5	27	3	25	4	20	3	21	2	22	1	13	3	20
01:00	0	1	0	3	2	3	1	11	1	6	4	6	1	3	1	5
02:00	1	3	1	0	0	5	0	1	2	8	0	11	1	2	1	4
03:00	1	2	4	3	3	2	3	2	1	3	2	1	0	3	2	2
04:00	4	6	1	3	8	2	7	7	3	1	5	2	0	0	4	3
05:00	40	2	46	6	44	8	36	23	47	9	12	3	3	3	33	8
06:00	178	30	199	42	174	40	204	43	178	43	37	18	15	7	141	32
07:00	362	205	458	77	446	106	368	176	423	69	70	27	50	25	311	98
08:00	310	95	278	128	263	116	264	142	267	103	21	42	16	34	203	94
09:00	137	102	148	87	144	101	130	107	144	119	26	23	11	9	106	76
10:00	122	104	95	120	104	116	98	124	80	119	16	33	17	18	76	91
11:00	85	154	87	122	86	148	82	161	83	153	14	35	15	19	65	113
12:00 PM	136	148	118	142	122	132	138	161	110	165	19	35	12	17	94	114
01:00	102	116	116	119	108	118	104	146	92	121	15	39	27	24	81	98
02:00	100	164	102	177	89	184	99	172	69	148	21	26	16	25	71	128
03:00	65	291	76	311	72	314	65	280	72	263	24	30	22	33	57	217
04:00	37	459	40	508	37	444	34	435	27	358	8	34	6	22	27	323
05:00	22	229	26	228	55	189	27	210	16	163	10	22	4	11	23	150
06:00	22	89	22	84	24	86	25	101	31	83	18	19	*	*	24	77
07:00	27	50	25	58	31	60	34	53	26	41	33	29	*	*	29	48
08:00	11	41	9	35	12	53	9	56	8	42	4	25	*	*	9	42
09:00	6	27	3	26	6	15	4	20	7	5	9	19	*	*	6	19
10:00	5	14	5	15	8	12	6	11	9	11	4	11	*	*	6	12
11:00	17	34	14	36	16	35	16	42	14	34	11	22	*	*	15	34
Lane	1794	2380	1878	2357	1857	2314	1758	2504	1713	2070	385	534	217	268	1388	1808
Day	4174		4235		4171		4262		3783		919		485		3196	
AM Peak Vol.	07:00	07:00	07:00	08:00	07:00	11:00	07:00	07:00	07:00	11:00	07:00	08:00	07:00	08:00	07:00	11:00
	362	205	458	128	446	148	368	176	423	153	70	42	50	34	311	
PM Peak Vol.	12:00	16:00	12:00	16:00	12:00	16:00	12:00	16:00	12:00	16:00	19:00	13:00	13:00	15:00	12:00	16:00
	136	459	118	508	122	444	138	435	110	358	33	39	27	33	94	323

Accurate Counts
978-664-2565

Page 1

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	08-Aug-14 Fri	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		*	10			*	10				
12:15		*	3			*	5				
12:30		*	8			*	8				
12:45		*	8	0	29	*	9	0	32	0	61
01:00		*	7			*	1				
01:15		*	5			*	7				
01:30		*	6			*	9				
01:45		*	8	0	26	*	6	0	23	0	49
02:00		*	6			*	6				
02:15		*	10			*	7				
02:30		*	7			*	13				
02:45		*	4	0	27	*	10	0	36	0	63
03:00		*	10			*	5				
03:15		*	12			*	3				
03:30		*	11			*	8				
03:45		*	10	0	43	*	8	0	24	0	67
04:00		*	24			*	6				
04:15		*	9			*	2				
04:30		*	10			*	1				
04:45		*	4	0	47	*	1	0	10	0	57
05:00		*	8			*	5				
05:15		*	7			*	5				
05:30		*	8			*	4				
05:45		*	5	0	28	*	1	0	15	0	43
06:00		*	5			*	4				
06:15		*	6			*	2				
06:30		*	0			*	3				
06:45		*	2	0	13	*	5	0	14	0	27
07:00		*	1			*	5				
07:15		*	1			*	10				
07:30		*	3			*	3				
07:45		*	4	0	9	*	2	0	20	0	29
08:00		20	1			18	2				
08:15		5	2			5	2				
08:30		5	2			10	1				
08:45		7	1	37	6	5	1	38	6	75	12
09:00		4	1			5	2				
09:15		10	1			10	0				
09:30		3	1			3	0				
09:45		2	1	19	4	3	3	21	5	40	9
10:00		3	2			4	1				
10:15		5	1			4	1				
10:30		1	0			2	1				
10:45		6	3	15	6	10	3	20	6	35	12
11:00		4	1			4	0				
11:15		7	5			5	7				
11:30		7	3			8	2				
11:45		12	7	30	16	10	3	27	12	57	28
Total		101	254			106	203			207	457
Percent		28.5%	71.5%			34.3%	65.7%			31.2%	68.8%

Accurate Counts
978-664-2565

Page 2

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	09-Aug-14 Sat	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	3			1	0				
12:15		1	0			0	0				
12:30		3	1			1	4				
12:45		2	0	15	4	1	0	3	4	18	8
01:00		0	3			0	4				
01:15		1	1			0	1				
01:30		0	4			0	3				
01:45		1	3	2	11	1	0	1	8	3	19
02:00		2	1			2	0				
02:15		1	3			1	3				
02:30		0	1			0	2				
02:45		0	4	3	9	0	2	3	7	6	16
03:00		1	4			0	4				
03:15		0	1			1	10				
03:30		0	5			0	2				
03:45		0	6	1	16	2	3	3	19	4	35
04:00		1	5			0	3				
04:15		2	3			2	1				
04:30		1	1			1	1				
04:45		1	2	5	11	1	0	4	5	9	16
05:00		0	5			1	1				
05:15		0	2			2	2				
05:30		0	2			0	1				
05:45		0	3	0	12	2	3	5	7	5	19
06:00		0	4			0	2				
06:15		1	2			2	1				
06:30		1	3			1	4				
06:45		0	2	2	11	5	6	8	13	10	24
07:00		2	1			12	6				
07:15		4	1			19	7				
07:30		6	4			9	5				
07:45		15	10	27	16	5	1	45	19	72	35
08:00		7	5			3	2				
08:15		9	3			1	0				
08:30		2	2			2	0				
08:45		3	2	21	12	4	0	10	2	31	14
09:00		4	1			5	1				
09:15		0	1			0	2				
09:30		1	0			2	0				
09:45		1	1	6	3	2	2	9	5	15	8
10:00		1	1			2	0				
10:15		2	1			0	0				
10:30		0	1			1	0				
10:45		0	2	3	5	1	0	4	0	7	5
11:00		2	1			1	2				
11:15		1	3			3	3				
11:30		2	0			1	1				
11:45		1	3	6	7	2	2	7	8	13	15
Total		91	117			102	97			193	214
Percent		43.8%	56.3%			51.3%	48.7%			47.4%	52.6%

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	10-Aug-14 Sun	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	4			1	3				
12:15		1	2			2	0				
12:30		0	4			0	0				
12:45		0	0	7	10	0	1	3	4	10	14
01:00		0	4			1	4				
01:15		0	1			0	1				
01:30		0	1			0	4				
01:45		0	2	0	8	0	0	1	9	1	17
02:00		0	1			0	1				
02:15		0	4			0	3				
02:30		0	1			0	1				
02:45		0	0	0	6	0	2	0	7	0	13
03:00		0	1			0	2				
03:15		0	1			0	7				
03:30		0	6			0	5				
03:45		0	3	0	11	1	2	1	16	1	27
04:00		0	11			0	1				
04:15		1	1			0	1				
04:30		0	1			0	0				
04:45		0	1	1	14	0	2	0	4	1	18
05:00		0	1			1	1				
05:15		0	2			1	0				
05:30		0	1			0	0				
05:45		0	0	0	4	3	0	5	1	5	5
06:00		0	1			1	0				
06:15		1	0			3	0				
06:30		1	2			4	1				
06:45		0	0	2	3	6	0	14	1	16	4
07:00		2	0			10	9				
07:15		2	0			16	8				
07:30		2	1			2	5				
07:45		13	18	19	19	2	3	30	25	49	44
08:00		12	8			2	1				
08:15		1	0			3	1				
08:30		1	0			1	0				
08:45		0	0	14	8	1	0	7	2	21	10
09:00		2	1			4	0				
09:15		1	2			0	1				
09:30		1	0			2	0				
09:45		0	0	4	3	0	0	6	1	10	4
10:00		1	0			0	0				
10:15		0	0			1	0				
10:30		0	0			0	1				
10:45		1	3	2	3	1	1	2	2	4	5
11:00		1	0			2	2				
11:15		1	2			2	3				
11:30		2	1			2	3				
11:45		1	6	5	9	0	2	6	10	11	19
Total		54	98			75	82			129	180
Percent		35.5%	64.5%			47.8%	52.2%			41.7%	58.3%

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	11-Aug-14 Mon	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	6			0	7				
12:15		4	11			0	7				
12:30		0	7			0	7				
12:45		0	10	10	34	0	7	0	28	10	62
01:00		0	5			0	3				
01:15		0	6			0	9				
01:30		0	5			0	5				
01:45		0	8	0	24	0	6	0	23	0	47
02:00		0	9			1	7				
02:15		1	7			0	13				
02:30		0	7			0	6				
02:45		0	11	1	34	0	6	1	32	2	66
03:00		0	4			0	8				
03:15		0	7			0	12				
03:30		0	11			0	4				
03:45		1	7	1	29	1	5	1	29	2	58
04:00		1	15			0	7				
04:15		0	10			0	2				
04:30		1	10			1	4				
04:45		0	6	2	41	1	3	2	16	4	57
05:00		0	4			0	4				
05:15		0	9			1	3				
05:30		0	2			1	0				
05:45		0	4	0	19	2	4	4	11	4	30
06:00		1	3			2	1				
06:15		1	1			3	3				
06:30		1	2			7	2				
06:45		3	10	6	16	10	4	22	10	28	26
07:00		2	3			10	6				
07:15		3	5			6	8				
07:30		5	1			10	4				
07:45		8	3	18	12	15	4	41	22	59	34
08:00		15	3			17	2				
08:15		5	0			11	3				
08:30		6	1			7	3				
08:45		7	2	33	6	6	2	41	10	74	16
09:00		5	1			10	1				
09:15		8	0			11	0				
09:30		7	2			9	3				
09:45		4	2	24	5	3	0	33	4	57	9
10:00		8	3			3	2				
10:15		5	0			3	1				
10:30		1	4			7	0				
10:45		4	0	18	7	2	1	15	4	33	11
11:00		7	2			6	2				
11:15		2	5			3	5				
11:30		8	4			3	3				
11:45		6	3	23	14	6	4	18	14	41	28
Total		136	241			178	203			314	444
Percent		36.1%	63.9%			46.7%	53.3%			41.4%	58.6%

Accurate Counts
978-664-2565

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Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	12-Aug-14 Tue	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	10			1	6				
12:15		2	4			1	7				
12:30		0	9			0	7				
12:45		1	3	14	26	0	5	2	25	16	51
01:00		0	4			0	9				
01:15		0	5			0	3				
01:30		0	8			0	11				
01:45		0	4	0	21	0	5	0	28	0	49
02:00		0	10			0	8				
02:15		0	11			0	7				
02:30		0	7			0	10				
02:45		0	7	0	35	0	9	0	34	0	69
03:00		0	7			0	9				
03:15		1	8			1	16				
03:30		0	11			0	2				
03:45		0	8	1	34	0	7	1	34	2	68
04:00		1	15			1	6				
04:15		0	8			0	2				
04:30		0	9			0	3				
04:45		0	4	1	36	0	7	1	18	2	54
05:00		0	12			1	6				
05:15		0	3			1	5				
05:30		0	8			1	5				
05:45		0	7	0	30	5	3	8	19	8	49
06:00		1	5			4	6				
06:15		0	1			5	2				
06:30		4	2			9	3				
06:45		6	2	11	10	15	4	33	15	44	25
07:00		5	4			9	6				
07:15		2	2			10	11				
07:30		7	4			17	4				
07:45		11	1	25	11	11	2	47	23	72	34
08:00		18	4			6	2				
08:15		7	3			7	0				
08:30		8	1			11	0				
08:45		6	3	39	11	7	1	31	3	70	14
09:00		7	1			9	0				
09:15		5	1			4	1				
09:30		3	1			5	0				
09:45		4	0	19	3	10	0	28	1	47	4
10:00		11	2			6	0				
10:15		7	0			6	1				
10:30		3	3			5	2				
10:45		5	2	26	7	5	2	22	5	48	12
11:00		9	1			11	1				
11:15		7	4			4	4				
11:30		6	8			4	3				
11:45		9	9	31	22	7	3	26	11	57	33
Total		167	246			199	216			366	462
Percent		40.4%	59.6%			48.0%	52.0%			44.2%	55.8%

Accurate Counts
978-664-2565

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	13-Aug-14 Wed	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		8	10			1	0				
12:15		0	12			0	0				
12:30		0	12			0	0				
12:45		1	9	9	43	0	0	1	0	10	43
01:00		0	7			0	0				
01:15		0	12			0	1				
01:30		0	18			0	0				
01:45		0	9	0	46	0	0	0	1	0	47
02:00		0	17			0	0				
02:15		0	15			0	0				
02:30		0	20			0	0				
02:45		0	16	0	68	0	0	0	0	0	68
03:00		0	13			0	0				
03:15		0	26			0	0				
03:30		0	20			0	0				
03:45		0	19	0	78	1	0	1	0	1	78
04:00		1	24			1	0				
04:15		0	15			1	1				
04:30		0	18			0	0				
04:45		1	10	2	67	0	0	2	1	4	68
05:00		0	12			0	0				
05:15		0	12			1	0				
05:30		0	7			0	0				
05:45		0	6	0	37	6	0	7	0	7	37
06:00		6	13			6	1				
06:15		1	10			4	0				
06:30		16	2			6	0				
06:45		3	1	26	26	18	0	34	1	60	27
07:00		14	13			16	0				
07:15		19	17			7	0				
07:30		12	6			5	0				
07:45		22	2	67	38	9	0	37	0	104	38
08:00		20	6			8	0				
08:15		17	5			2	0				
08:30		19	5			5	0				
08:45		15	1	71	17	3	0	18	0	89	17
09:00		14	1			3	0				
09:15		14	3			1	0				
09:30		9	2			0	0				
09:45		24	2	61	8	1	0	5	0	66	8
10:00		8	2			1	0				
10:15		14	1			1	0				
10:30		21	5			1	0				
10:45		12	6	55	14	0	0	3	0	58	14
11:00		17	5			0	0				
11:15		3	10			0	0				
11:30		8	7			0	0				
11:45		18	8	46	30	0	0	0	0	46	30
Total		337	472			108	3			445	475
Percent		41.7%	58.3%			97.3%	2.7%			48.4%	51.6%

Accurate Counts
978-664-2565

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	14-Aug-14 Thu	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		13	10			0	8				
12:15		1	11			0	12				
12:30		1	7			0	9				
12:45		0	7	15	35	0	12	0	41	15	76
01:00		2	13			0	7				
01:15		0	12			0	11				
01:30		0	7			0	9				
01:45		2	11	4	43	0	7	0	34	4	77
02:00		0	13			0	13				
02:15		0	10			0	10				
02:30		0	9			0	9				
02:45		0	4	0	36	0	7	0	39	0	75
03:00		0	8			0	13				
03:15		0	8			0	20				
03:30		0	11			0	6				
03:45		1	8	1	35	0	9	0	48	1	83
04:00		0	17			0	4				
04:15		0	8			0	6				
04:30		2	6			0	0				
04:45		0	6	2	37	0	6	0	16	2	53
05:00		0	6			0	6				
05:15		2	2			0	5				
05:30		5	6			1	0				
05:45		2	5	9	19	3	4	4	15	13	34
06:00		4	7			3	3				
06:15		0	1			5	1				
06:30		2	5			7	4				
06:45		3	0	9	13	14	4	29	12	38	25
07:00		6	1			15	8				
07:15		4	3			10	14				
07:30		9	2			11	3				
07:45		6	4	25	10	9	2	45	27	70	37
08:00		22	3			13	0				
08:15		5	1			9	0				
08:30		7	2			7	3				
08:45		7	0	41	6	9	0	38	3	79	9
09:00		5	0			6	0				
09:15		8	0			8	1				
09:30		6	4			7	1				
09:45		5	3	24	7	6	0	27	2	51	9
10:00		4	0			5	2				
10:15		2	0			3	1				
10:30		6	0			10	1				
10:45		6	1	18	1	7	0	25	4	43	5
11:00		11	2			6	1				
11:15		6	5			4	6				
11:30		2	8			7	2				
11:45		10	11	29	26	8	1	25	10	54	36
Total		177	268			193	251			370	519
Percent		39.8%	60.2%			43.5%	56.5%			41.6%	58.4%

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	15-Aug-14 Fri	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	8			2	11				
12:15		3	4			1	8				
12:30		3	12			0	7				
12:45		0	8	11	32	0	12	3	38	14	70
01:00		1	7			0	5				
01:15		1	11			1	6				
01:30		1	5			1	6				
01:45		0	8	3	31	0	6	2	23	5	54
02:00		1	10			1	6				
02:15		0	11			0	7				
02:30		0	3			0	6				
02:45		0	5	1	29	0	7	1	26	2	55
03:00		0	13			0	9				
03:15		0	5			0	16				
03:30		0	5			0	8				
03:45		0	6	0	29	0	6	0	39	0	68
04:00		0	12			0	7				
04:15		0	7			0	6				
04:30		0	10			0	3				
04:45		0	6	0	35	0	4	0	20	0	55
05:00		0	9			1	4				
05:15		0	7			1	2				
05:30		0	5			0	3				
05:45		1	4	1	25	3	4	5	13	6	38
06:00		3	6			5	6				
06:15		0	2			2	4				
06:30		4	2			5	2				
06:45		2	1	9	11	9	7	21	19	30	30
07:00		3	3			11	7				
07:15		4	4			5	9				
07:30		9	1			6	4				
07:45		6	2	22	10	12	1	34	21	56	31
08:00		11	3			9	2				
08:15		13	0			14	0				
08:30		14	2			13	0				
08:45		11	0	49	5	6	2	42	4	91	9
09:00		13	0			10	0				
09:15		4	1			7	0				
09:30		4	1			6	1				
09:45		5	0	26	2	11	1	34	2	60	4
10:00		8	2			2	1				
10:15		3	0			5	1				
10:30		4	1			11	1				
10:45		8	2	23	5	6	3	24	6	47	11
11:00		11	1			5	0				
11:15		7	5			6	6				
11:30		7	2			8	3				
11:45		9	9	34	17	8	2	27	11	61	28
Total		179	231			193	222			372	453
Percent		43.7%	56.3%			46.5%	53.5%			45.1%	54.9%

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	16-Aug-14 Sat	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	1			0	2				
12:15		6	3			1	1				
12:30		0	0			0	2				
12:45		1	1	16	5	0	1	1	6	17	11
01:00		0	1			0	1				
01:15		1	2			2	1				
01:30		0	2			0	4				
01:45		0	1	1	6	0	2	2	8	3	14
02:00		0	1			0	1				
02:15		1	1			1	6				
02:30		0	3			0	4				
02:45		0	2	1	7	0	4	1	15	2	22
03:00		0	1			0	4				
03:15		1	5			1	8				
03:30		1	8			0	3				
03:45		0	3	2	17	1	0	2	15	4	32
04:00		0	6			0	1				
04:15		0	5			0	1				
04:30		0	2			1	1				
04:45		0	2	0	15	0	1	1	4	1	19
05:00		0	1			0	2				
05:15		0	3			0	3				
05:30		0	2			1	0				
05:45		0	3	0	9	0	1	1	6	1	15
06:00		0	2			1	1				
06:15		1	0			1	0				
06:30		1	4			6	0				
06:45		1	1	3	7	9	9	17	10	20	17
07:00		1	7			12	10				
07:15		5	1			19	14				
07:30		4	3			6	2				
07:45		10	4	20	15	6	9	43	35	63	50
08:00		15	7			4	3				
08:15		3	3			1	0				
08:30		5	3			1	1				
08:45		1	1	24	14	0	0	6	4	30	18
09:00		0	2			0	2				
09:15		0	2			1	1				
09:30		0	3			1	1				
09:45		3	1	3	8	4	2	6	6	9	14
10:00		4	2			4	1				
10:15		2	0			0	0				
10:30		0	0			2	1				
10:45		2	2	8	4	2	2	8	4	16	8
11:00		4	1			0	1				
11:15		1	5			1	3				
11:30		2	2			3	2				
11:45		2	10	9	18	3	1	7	7	16	25
Total		87	125			95	120			182	245
Percent		41.0%	59.0%			44.2%	55.8%			42.6%	57.4%

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	17-Aug-14 Sun	NB		Hour Totals		SB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	2			0	2				
12:15		3	0			1	0				
12:30		0	1			0	4				
12:45		0	0	7	3	0	1	1	7	8	10
01:00		0	2			0	2				
01:15		0	0			0	0				
01:30		0	1			0	4				
01:45		0	2	0	5	0	3	0	9	0	14
02:00		0	3			0	2				
02:15		0	3			0	2				
02:30		0	2			0	4				
02:45		0	1	0	9	0	5	0	13	0	22
03:00		0	3			0	4				
03:15		0	1			0	9				
03:30		0	10			0	2				
03:45		0	10	0	24	0	2	0	17	0	41
04:00		0	2			0	1				
04:15		0	5			0	0				
04:30		0	2			0	0				
04:45		0	0	0	9	0	0	0	1	0	10
05:00		0	1			0	1				
05:15		0	2			1	0				
05:30		0	0			0	0				
05:45		0	1	0	4	1	1	2	2	2	6
06:00		1	*			0	*				
06:15		0	*			1	*				
06:30		0	*			5	*				
06:45		0	*	1	0	4	*	10	0	11	0
07:00		1	*			13	*				
07:15		5	*			18	*				
07:30		3	*			5	*				
07:45		9	*	18	0	3	*	39	0	57	0
08:00		8	*			3	*				
08:15		6	*			3	*				
08:30		6	*			1	*				
08:45		2	*	22	0	1	*	8	0	30	0
09:00		2	*			1	*				
09:15		1	*			4	*				
09:30		0	*			0	*				
09:45		0	*	3	0	0	*	5	0	8	0
10:00		1	*			0	*				
10:15		3	*			1	*				
10:30		0	*			1	*				
10:45		1	*	5	0	1	*	3	0	8	0
11:00		2	*			3	*				
11:15		0	*			4	*				
11:30		3	*			1	*				
11:45		0	*	5	0	0	*	8	0	13	0
Total		61	54			76	49			137	103
Percent		53.0%	47.0%			60.8%	39.2%			57.1%	42.9%
Grand Total		1390	2106			1325	1446			2715	3552
Percent		39.8%	60.2%			47.8%	52.2%			43.3%	56.7%

ADT

ADT 650

AADT 650

Accurate Counts
978-664-2565

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Site Code: 13065006
13065006

Start Time	04-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	*	*	*	*	*	*	15	3	7	3	11	3
01:00	*	*	*	*	*	*	*	*	*	*	2	1	0	1	1	1
02:00	*	*	*	*	*	*	*	*	*	*	3	3	0	0	2	2
03:00	*	*	*	*	*	*	*	*	*	*	1	3	0	1	0	2
04:00	*	*	*	*	*	*	*	*	*	*	5	4	1	0	3	2
05:00	*	*	*	*	*	*	*	*	*	*	0	5	0	5	0	5
06:00	*	*	*	*	*	*	*	*	*	*	2	8	2	14	2	11
07:00	*	*	*	*	*	*	*	*	*	*	27	45	19	30	23	38
08:00	*	*	*	*	*	*	*	*	37	38	21	10	14	7	24	18
09:00	*	*	*	*	*	*	*	*	19	21	6	9	4	6	10	12
10:00	*	*	*	*	*	*	*	*	15	20	3	4	2	2	7	9
11:00	*	*	*	*	*	*	*	*	30	27	6	7	5	6	14	13
12:00 PM	*	*	*	*	*	*	*	*	29	32	4	4	10	4	14	13
01:00	*	*	*	*	*	*	*	*	26	23	11	8	8	9	15	13
02:00	*	*	*	*	*	*	*	*	27	36	9	7	6	7	14	17
03:00	*	*	*	*	*	*	*	*	43	24	16	19	11	16	23	20
04:00	*	*	*	*	*	*	*	*	47	10	11	5	14	4	24	6
05:00	*	*	*	*	*	*	*	*	28	15	12	7	4	1	15	8
06:00	*	*	*	*	*	*	*	*	13	14	11	13	3	1	9	9
07:00	*	*	*	*	*	*	*	*	9	20	16	19	19	25	15	21
08:00	*	*	*	*	*	*	*	*	6	6	12	2	8	2	9	3
09:00	*	*	*	*	*	*	*	*	4	5	3	5	3	1	3	4
10:00	*	*	*	*	*	*	*	*	6	6	5	0	3	2	5	3
11:00	*	*	*	*	*	*	*	*	16	12	7	8	9	10	11	10
Lane	0	0	0	0	0	0	0	0	355	309	208	199	152	157	254	243
Day	0	0	0	0	0	0	0	0	664	664	407	407	309	309	497	497
AM Peak Vol.	-	-	-	-	-	-	-	-	08:00	08:00	07:00	07:00	07:00	07:00	08:00	07:00
PM Peak Vol.	-	-	-	-	-	-	-	-	16:00	14:00	15:00	15:00	19:00	19:00	16:00	19:00
	-	-	-	-	-	-	-	-	47	36	16	19	19	25	24	21

Accurate Counts
978-664-2565

Site Code: 13065006
13065006

Location : Driveway
Location : South of Ring Road
City/State: West Haven, CT

Start Time	11-Aug-14														Week Average	
	NB	SB	Tue		Wed		Thu		Fri		Sat		Sun		NB	SB
12:00 AM	10	0	14	2	9	1	15	0	11	3	16	1	7	1	12	1
01:00	0	0	0	0	0	0	4	0	3	2	1	2	0	0	1	1
02:00	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0
03:00	1	1	1	1	0	1	1	0	0	0	2	2	0	0	1	1
04:00	2	2	1	1	2	2	2	0	0	0	0	1	0	0	1	1
05:00	0	4	0	8	0	7	9	4	1	5	0	1	0	2	1	4
06:00	6	22	11	33	26	34	9	29	9	21	3	17	1	10	9	24
07:00	18	41	25	47	67	37	25	45	22	34	20	43	18	39	28	41
08:00	33	41	39	31	71	18	41	38	49	42	24	6	22	8	40	26
09:00	24	33	19	28	61	5	24	27	26	34	3	6	3	5	23	20
10:00	18	15	26	22	55	3	18	25	23	24	8	8	5	3	22	14
11:00	23	18	31	26	46	0	29	25	34	27	9	7	5	8	25	16
12:00 PM	34	28	26	25	43	0	35	41	32	38	5	6	3	7	25	21
01:00	24	23	21	28	46	1	43	34	31	23	6	8	5	9	25	18
02:00	34	32	35	34	68	0	36	39	29	26	7	15	9	13	31	23
03:00	29	29	34	34	78	0	35	48	29	39	17	15	24	17	35	26
04:00	41	16	36	18	67	1	37	16	35	20	15	4	9	1	34	11
05:00	19	11	30	19	37	0	19	15	25	13	9	6	4	2	20	9
06:00	16	10	10	15	26	1	13	12	11	19	7	10	*	*	14	11
07:00	12	22	11	23	38	0	10	27	10	21	15	35	*	*	16	21
08:00	6	10	11	3	17	0	6	3	5	4	14	4	*	*	10	4
09:00	5	4	3	1	8	0	7	2	2	2	8	6	*	*	6	2
10:00	7	4	7	5	14	0	1	4	5	6	4	4	*	*	6	4
11:00	14	14	22	11	30	0	26	10	17	11	18	7	*	*	21	9
Lane	377	381	413	415	809	111	445	444	410	415	212	215	115	125	406	308
Day	758		828		920		889		825		427		240		714	
AM Peak	08:00	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	08:00	08:00	07:00	08:00	07:00	08:00	07:00
Vol.	33	41	39	47	71	37	41	45	49	42	24	43	22	39	40	41
PM Peak	16:00	14:00	16:00	14:00	15:00	13:00	13:00	15:00	16:00	15:00	23:00	19:00	15:00	15:00	15:00	15:00
Vol.	41	32	36	34	78	1	43	48	35	39	18	35	24	17	35	26

Comb. Total 758 828 920 889 1489 834 549 1211

ADT ADT 650 AADT 650

Accurate Counts
978-664-2565

Page 1

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start	08-Aug-14	WB		Hour Totals		EB		Hour Totals		Combined Totals	
Time	Fri	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		*	27			*	31				
12:15		*	27			*	37				
12:30		*	27			*	38				
12:45		*	33	0	114	*	34	0	140	0	254
01:00		*	17			*	33				
01:15		*	25			*	31				
01:30		*	26			*	25				
01:45		*	17	0	85	*	22	0	111	0	196
02:00		*	15			*	37				
02:15		*	23			*	40				
02:30		*	24			*	34				
02:45		*	22	0	84	*	32	0	143	0	227
03:00		*	20			*	46				
03:15		*	19			*	49				
03:30		*	14			*	77				
03:45		*	16	0	69	*	57	0	229	0	298
04:00		*	15			*	119				
04:15		*	11			*	86				
04:30		*	10			*	114				
04:45		*	5	0	41	*	53	0	372	0	413
05:00		*	9			*	49				
05:15		*	7			*	44				
05:30		*	8			*	36				
05:45		*	6	0	30	*	21	0	150	0	180
06:00		*	2			*	20				
06:15		*	9			*	24				
06:30		*	5			*	11				
06:45		*	5	0	21	*	15	0	70	0	91
07:00		*	10			*	11				
07:15		*	7			*	15				
07:30		*	9			*	14				
07:45		*	3	0	29	*	16	0	56	0	85
08:00		*	2			*	12				
08:15		*	1			*	8				
08:30		*	2			*	4				
08:45		*	1	0	6	*	6	0	30	0	36
09:00		22	4			16	7				
09:15		30	3			16	3				
09:30		10	0			18	2				
09:45		22	7	84	14	17	4	67	16	151	30
10:00		20	3			44	9				
10:15		24	4			32	5				
10:30		24	5			34	0				
10:45		28	4	96	16	22	5	132	19	228	35
11:00		19	4			29	8				
11:15		18	9			30	6				
11:30		29	4			35	6				
11:45		27	6	93	23	33	13	127	33	220	56
Total		273	532			326	1369			599	1901
Percent		33.9%	66.1%			19.2%	80.8%			24.0%	76.0%

Accurate Counts
978-664-2565

Page 2

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	09-Aug-14 Sat	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	8			11	16				
12:15		0	5			0	10				
12:30		0	7			2	3				
12:45		1	4	2	24	0	8	13	37	15	61
01:00		0	5			1	9				
01:15		1	5			4	3				
01:30		0	4			0	8				
01:45		0	4	1	18	0	15	5	35	6	53
02:00		2	7			3	10				
02:15		1	12			2	5				
02:30		1	5			1	8				
02:45		0	9	4	33	0	11	6	34	10	67
03:00		0	3			0	9				
03:15		1	10			0	9				
03:30		1	6			0	9				
03:45		3	5	5	24	0	9	0	36	5	60
04:00		0	6			1	16				
04:15		0	3			0	7				
04:30		0	4			1	3				
04:45		1	3	1	16	0	3	2	29	3	45
05:00		4	7			1	9				
05:15		2	2			0	6				
05:30		4	3			0	7				
05:45		7	8	17	20	1	4	2	26	19	46
06:00		4	4			3	5				
06:15		4	3			1	1				
06:30		13	6			5	6				
06:45		16	4	37	17	1	7	10	19	47	36
07:00		14	6			2	8				
07:15		32	7			7	0				
07:30		19	4			5	6				
07:45		18	2	83	19	11	9	25	23	108	42
08:00		12	4			11	8				
08:15		8	1			17	7				
08:30		7	0			8	2				
08:45		7	1	34	6	11	4	47	21	81	27
09:00		6	3			9	1				
09:15		6	2			3	1				
09:30		7	2			5	0				
09:45		7	8	26	15	11	2	28	4	54	19
10:00		3	1			9	2				
10:15		4	1			12	1				
10:30		11	2			8	3				
10:45		5	2	23	6	2	3	31	9	54	15
11:00		4	3			17	0				
11:15		2	4			3	5				
11:30		3	5			10	1				
11:45		6	5	15	17	6	4	36	10	51	27
Total		248	215			205	283			453	498
Percent		53.6%	46.4%			42.0%	58.0%			47.6%	52.4%

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	10-Aug-14 Sun	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	0			7	6				
12:15		0	3			5	7				
12:30		0	2			0	3				
12:45		0	3	1	8	0	4	12	20	13	28
01:00		0	4			1	6				
01:15		0	2			0	4				
01:30		1	8			0	6				
01:45		0	2	1	16	0	4	1	20	2	36
02:00		0	1			1	2				
02:15		1	8			1	7				
02:30		1	4			1	4				
02:45		0	3	2	16	0	1	3	14	5	30
03:00		0	7			0	4				
03:15		0	10			0	4				
03:30		0	5			1	11				
03:45		2	5	2	27	0	9	1	28	3	55
04:00		0	1			0	16				
04:15		0	5			1	3				
04:30		0	3			0	5				
04:45		0	2	0	11	1	1	2	25	2	36
05:00		2	3			0	5				
05:15		1	5			0	5				
05:30		0	1			0	3				
05:45		5	1	8	10	1	0	1	13	9	23
06:00		2	1			1	2				
06:15		5	3			1	3				
06:30		6	2			5	6				
06:45		12	6	25	12	0	2	7	13	32	25
07:00		10	5			2	1				
07:15		16	10			4	3				
07:30		7	5			4	1				
07:45		8	4	41	24	14	14	24	19	65	43
08:00		1	2			14	10				
08:15		4	3			3	3				
08:30		1	1			3	3				
08:45		4	2	10	8	0	1	20	17	30	25
09:00		3	0			3	0				
09:15		2	5			0	1				
09:30		4	4			1	1				
09:45		4	7	13	16	1	0	5	2	18	18
10:00		2	0			3	3				
10:15		3	1			1	0				
10:30		2	6			5	0				
10:45		4	3	11	10	5	3	14	6	25	16
11:00		5	2			3	3				
11:15		4	6			3	4				
11:30		5	4			6	2				
11:45		5	4	19	16	4	6	16	15	35	31
Total		133	174			106	192			239	366
Percent		43.3%	56.7%			35.6%	64.4%			39.5%	60.5%

Accurate Counts
978-664-2565

Page 4

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	11-Aug-14 Mon	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	24			7	44				
12:15		1	38			4	31				
12:30		1	31			0	29				
12:45		0	38	4	131	0	32	11	136	15	267
01:00		0	32			0	16				
01:15		0	20			0	29				
01:30		0	27			0	33				
01:45		0	26	0	105	1	27	1	105	1	210
02:00		1	32			0	34				
02:15		0	20			0	35				
02:30		0	26			0	44				
02:45		2	29	3	107	0	43	0	156	3	263
03:00		0	25			1	54				
03:15		0	32			0	53				
03:30		0	14			0	94				
03:45		1	16	1	87	2	74	3	275	4	362
04:00		2	17			1	141				
04:15		0	13			0	96				
04:30		1	13			1	149				
04:45		5	5	8	48	0	72	2	458	10	506
05:00		6	12			0	77				
05:15		7	6			0	59				
05:30		16	4			2	43				
05:45		19	4	48	26	0	33	2	212	50	238
06:00		27	3			6	17				
06:15		30	5			12	31				
06:30		61	7			8	11				
06:45		110	11	228	26	4	17	30	76	258	102
07:00		128	8			4	6				
07:15		136	9			15	16				
07:30		134	5			10	10				
07:45		154	5	552	27	25	15	54	47	606	74
08:00		93	5			21	14				
08:15		92	0			34	11				
08:30		56	2			13	6				
08:45		51	6	292	13	23	5	91	36	383	49
09:00		37	3			27	4				
09:15		40	1			23	4				
09:30		38	3			20	3				
09:45		32	4	147	11	20	5	90	16	237	27
10:00		34	3			23	4				
10:15		30	1			20	1				
10:30		28	2			18	5				
10:45		25	5	117	11	35	4	96	14	213	25
11:00		22	3			26	5				
11:15		15	8			32	12				
11:30		30	6			42	12				
11:45		23	6	90	23	37	6	137	35	227	58
Total		1490	615			517	1566			2007	2181
Percent		70.8%	29.2%			24.8%	75.2%			47.9%	52.1%

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	12-Aug-14 Tue	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	19			15	31				
12:15		2	28			2	31				
12:30		1	35			1	30				
12:45		0	39	8	121	3	32	21	124	29	245
01:00		0	28			0	19				
01:15		0	32			1	30				
01:30		0	38			0	32				
01:45		0	33	0	131	1	36	2	117	2	248
02:00		0	31			1	39				
02:15		0	30			1	35				
02:30		1	31			0	50				
02:45		1	35	2	127	0	42	2	166	4	293
03:00		0	31			0	48				
03:15		1	30			1	64				
03:30		1	22			1	97				
03:45		0	15	2	98	0	72	2	281	4	379
04:00		1	12			0	144				
04:15		0	11			0	129				
04:30		2	13			1	142				
04:45		3	9	6	45	1	81	2	496	8	541
05:00		3	9			1	82				
05:15		11	9			1	37				
05:30		16	7			2	49				
05:45		17	6	47	31	1	43	5	211	52	242
06:00		28	6			8	33				
06:15		39	6			10	14				
06:30		71	7			9	22				
06:45		121	7	259	26	10	11	37	80	296	106
07:00		117	8			6	12				
07:15		155	9			14	10				
07:30		134	4			12	17				
07:45		149	8	555	29	14	18	46	57	601	86
08:00		107	4			30	11				
08:15		93	1			21	9				
08:30		59	0			24	4				
08:45		50	0	309	5	20	8	95	32	404	37
09:00		44	1			18	4				
09:15		30	1			23	5				
09:30		38	5			17	6				
09:45		33	4	145	11	23	4	81	19	226	30
10:00		31	2			20	3				
10:15		25	1			30	2				
10:30		23	6			25	8				
10:45		29	3	108	12	25	3	100	16	208	28
11:00		29	3			33	6				
11:15		15	6			24	4				
11:30		24	4			32	18				
11:45		31	8	99	21	25	12	114	40	213	61
Total		1540	657			507	1639			2047	2296
Percent		70.1%	29.9%			23.6%	76.4%			47.1%	52.9%

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	13-Aug-14 Wed	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	28			17	34				
12:15		3	29			4	25				
12:30		0	32			2	29				
12:45		0	35	5	124	1	23	24	111	29	235
01:00		0	35			1	27				
01:15		1	24			1	31				
01:30		1	20			1	24				
01:45		1	32	3	111	1	26	4	108	7	219
02:00		1	18			1	34				
02:15		0	35			0	37				
02:30		0	22			0	54				
02:45		0	28	1	103	0	40	1	165	2	268
03:00		2	27			1	51				
03:15		0	26			1	66				
03:30		0	11			0	106				
03:45		0	21	2	85	0	72	2	295	4	380
04:00		1	14			0	130				
04:15		2	11			0	101				
04:30		3	8			0	142				
04:45		3	15	9	48	0	63	0	436	9	484
05:00		5	4			1	73				
05:15		13	7			0	58				
05:30		15	5			1	57				
05:45		16	4	49	20	5	26	7	214	56	234
06:00		25	7			7	22				
06:15		37	8			9	31				
06:30		62	4			11	14				
06:45		120	4	244	23	5	16	32	83	276	106
07:00		119	12			15	19				
07:15		139	11			9	15				
07:30		134	6			10	16				
07:45		164	8	556	37	26	12	60	62	616	99
08:00		96	2			28	17				
08:15		80	1			20	22				
08:30		61	5			22	2				
08:45		42	2	279	10	14	5	84	46	363	56
09:00		46	2			23	3				
09:15		41	3			15	1				
09:30		33	1			22	3				
09:45		25	3	145	9	23	3	83	10	228	19
10:00		27	1			25	4				
10:15		23	5			17	2				
10:30		33	3			23	6				
10:45		25	4	108	13	33	3	98	15	206	28
11:00		27	7			37	9				
11:15		18	5			32	11				
11:30		16	5			30	14				
11:45		25	9	86	26	37	9	136	43	222	69
Total		1487	609			531	1588			2018	2197
Percent		70.9%	29.1%			25.1%	74.9%			47.9%	52.1%

Accurate Counts
978-664-2565

Page 7

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start	14-Aug-14	WB		Hour Totals		EB		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	37			14	38				
12:15		2	26			3	44				
12:30		0	40			1	35				
12:45		0	37	6	140	0	30	18	147	24	287
01:00		0	34			5	34				
01:15		3	31			0	23				
01:30		0	18			2	37				
01:45		0	29	3	112	3	47	10	141	13	253
02:00		0	35			3	39				
02:15		0	29			0	37				
02:30		0	26			0	45				
02:45		0	20	0	110	1	51	4	172	4	282
03:00		2	19			0	48				
03:15		0	29			0	59				
03:30		0	12			0	104				
03:45		1	19	3	79	0	71	0	282	3	361
04:00		1	13			1	128				
04:15		1	6			0	107				
04:30		2	6			1	118				
04:45		5	10	9	35	0	74	2	427	11	462
05:00		9	14			3	82				
05:15		13	7			0	38				
05:30		12	5			0	45				
05:45		16	9	50	35	1	29	4	194	54	229
06:00		31	10			7	33				
06:15		40	4			6	19				
06:30		60	8			8	22				
06:45		132	6	263	28	9	13	30	87	293	115
07:00		125	9			13	9				
07:15		152	15			17	10				
07:30		122	5			13	20				
07:45		132	4	531	33	14	18	57	57	588	90
08:00		98	3			32	26				
08:15		82	4			23	11				
08:30		53	4			19	7				
08:45		52	1	285	12	17	6	91	50	376	62
09:00		37	2			22	8				
09:15		26	1			26	3				
09:30		34	3			19	4				
09:45		30	5	127	11	20	5	87	20	214	31
10:00		25	5			28	1				
10:15		23	3			30	5				
10:30		25	4			28	1				
10:45		28	1	101	13	29	5	115	12	216	25
11:00		24	4			39	9				
11:15		17	6			42	11				
11:30		19	8			28	16				
11:45		27	5	87	23	34	10	143	46	230	69
Total		1465	631			561	1635			2026	2266
Percent		69.9%	30.1%			25.5%	74.5%			47.2%	52.8%

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	15-Aug-14 Fri	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	26			11	42				
12:15		0	26			1	28				
12:30		1	28			5	41				
12:45		0	30	4	110	1	35	18	146	22	256
01:00		0	27			1	29				
01:15		2	23			0	26				
01:30		1	20			1	28				
01:45		1	28	4	98	1	24	3	107	7	205
02:00		1	18			1	34				
02:15		1	19			0	35				
02:30		1	25			1	42				
02:45		1	23	4	85	0	34	2	145	6	230
03:00		0	25			1	54				
03:15		0	23			2	59				
03:30		2	17			0	81				
03:45		1	17	3	82	2	79	5	273	8	355
04:00		1	8			0	107				
04:15		0	10			0	64				
04:30		1	6			1	120				
04:45		2	6	4	30	0	53	1	344	5	374
05:00		3	2			0	57				
05:15		10	5			0	41				
05:30		20	5			3	27				
05:45		19	4	52	16	1	29	4	154	56	170
06:00		24	11			7	25				
06:15		40	11			9	32				
06:30		60	5			13	9				
06:45		103	7	227	34	8	14	37	80	264	114
07:00		105	8			11	12				
07:15		141	11			9	9				
07:30		86	6			17	8				
07:45		126	4	458	29	14	8	51	37	509	66
08:00		80	4			26	20				
08:15		59	1			25	9				
08:30		73	2			26	5				
08:45		49	3	261	10	18	6	95	40	356	50
09:00		46	2			26	0				
09:15		35	3			17	3				
09:30		21	3			27	2				
09:45		36	3	138	11	22	0	92	5	230	16
10:00		19	2			36	5				
10:15		24	2			33	0				
10:30		23	2			27	3				
10:45		23	4	89	10	32	3	128	11	217	21
11:00		20	2			32	8				
11:15		20	6			33	12				
11:30		18	5			39	12				
11:45		25	6	83	19	44	10	148	42	231	61
Total		1327	534			584	1384			1911	1918
Percent		71.3%	28.7%			29.7%	70.3%			49.9%	50.1%

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	16-Aug-14 Sat	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	8			12	7				
12:15		2	7			5	13				
12:30		0	4			1	7				
12:45		0	5	5	24	2	5	20	32	25	56
01:00		0	4			0	6				
01:15		0	5			2	14				
01:30		0	5			1	6				
01:45		2	3	2	17	1	13	4	39	6	56
02:00		0	3			1	4				
02:15		1	9			0	6				
02:30		1	6			2	12				
02:45		0	8	2	26	0	2	3	24	5	50
03:00		0	6			0	4				
03:15		1	7			1	5				
03:30		0	8			0	11				
03:45		2	3	3	24	0	11	1	31	4	55
04:00		0	2			1	11				
04:15		0	3			0	6				
04:30		1	5			0	12				
04:45		1	3	2	13	0	1	1	30	3	43
05:00		1	5			0	5				
05:15		0	5			0	7				
05:30		5	2			1	5				
05:45		6	1	12	13	1	6	2	23	14	36
06:00		4	3			1	2				
06:15		2	5			3	4				
06:30		15	3			9	4				
06:45		18	7	39	18	1	6	14	16	53	34
07:00		16	18			5	8				
07:15		22	11			6	4				
07:30		16	2			5	4				
07:45		15	3	69	34	10	9	26	25	95	59
08:00		6	0			18	6				
08:15		3	0			6	5				
08:30		3	0			10	5				
08:45		4	1	16	1	4	2	38	18	54	19
09:00		3	2			4	1				
09:15		3	4			6	3				
09:30		7	3			6	3				
09:45		9	4	22	13	5	1	21	8	43	21
10:00		1	0			8	2				
10:15		3	0			5	1				
10:30		6	4			9	2				
10:45		3	3	13	7	7	3	29	8	42	15
11:00		3	1			7	1				
11:15		2	4			7	7				
11:30		5	4			7	4				
11:45		5	6	15	15	13	15	34	27	49	42
Total		200	205			193	281			393	486
Percent		49.4%	50.6%			40.7%	59.3%			44.7%	55.3%

Site Code: 13065007
13065007

Start Time	17-Aug-14 Sun	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	3			8	4				
12:15		3	2			2	5				
12:30		1	5			1	3				
12:45		0	2	4	12	1	5	12	17	16	29
01:00		0	8			2	3				
01:15		0	2			0	1				
01:30		1	7			1	6				
01:45		0	5	1	22	0	11	3	21	4	43
02:00		0	3			1	5				
02:15		0	3			0	8				
02:30		2	3			0	5				
02:45		0	6	2	15	0	1	1	19	3	34
03:00		0	5			1	7				
03:15		0	11			1	4				
03:30		2	5			1	12				
03:45		0	2	2	23	0	12	3	35	5	58
04:00		0	2			0	9				
04:15		0	0			0	4				
04:30		0	2			0	3				
04:45		0	1	0	5	0	3	0	19	0	24
05:00		0	3			2	3				
05:15		3	0			0	4				
05:30		0	2			0	4				
05:45		3	*	6	5	0	*	2	11	8	16
06:00		2	*			0	*				
06:15		3	*			0	*				
06:30		9	*			5	*				
06:45		6	*	20	0	4	*	9	0	29	0
07:00		9	*			1	*				
07:15		20	*			4	*				
07:30		8	*			9	*				
07:45		5	*	42	0	8	*	22	0	64	0
08:00		5	*			16	*				
08:15		5	*			7	*				
08:30		3	*			5	*				
08:45		1	*	14	0	1	*	29	0	43	0
09:00		1	*			1	*				
09:15		7	*			4	*				
09:30		1	*			2	*				
09:45		1	*	10	0	1	*	8	0	18	0
10:00		1	*			2	*				
10:15		6	*			3	*				
10:30		9	*			4	*				
10:45		4	*	20	0	5	*	14	0	34	0
11:00		3	*			4	*				
11:15		5	*			3	*				
11:30		5	*			8	*				
11:45		4	*	17	0	2	*	17	0	34	0
Total		138	82			120	122			258	204
Percent		62.7%	37.3%			49.6%	50.4%			55.8%	44.2%
Grand Total		8301	4254			3650	10059			11951	14313
Percent		66.1%	33.9%			26.6%	73.4%			45.5%	54.5%
ADT		ADT 2,744	AADT 2,744								

Accurate Counts
978-664-2565

Location : Lamson Road
Location : West of Campbell Avenue
City/State: West Haven, CT

Site Code: 13065007
13065007

Start Time	04-Aug-14		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	*	*	*	*	*	*	2	13	1	12	2	12
01:00	*	*	*	*	*	*	*	*	*	*	1	5	1	1	1	3
02:00	*	*	*	*	*	*	*	*	*	*	4	6	2	3	3	4
03:00	*	*	*	*	*	*	*	*	*	*	5	0	2	1	4	0
04:00	*	*	*	*	*	*	*	*	*	*	1	2	0	2	0	2
05:00	*	*	*	*	*	*	*	*	*	*	17	2	8	1	12	2
06:00	*	*	*	*	*	*	*	*	*	*	37	10	25	7	31	8
07:00	*	*	*	*	*	*	*	*	*	*	83	25	41	24	62	24
08:00	*	*	*	*	*	*	*	*	*	*	34	47	10	20	22	34
09:00	*	*	*	*	*	*	*	*	84	67	26	28	13	5	41	33
10:00	*	*	*	*	*	*	*	*	96	132	23	31	11	14	43	59
11:00	*	*	*	*	*	*	*	*	93	127	15	36	19	16	42	60
12:00 PM	*	*	*	*	*	*	*	*	114	140	24	37	8	20	49	66
01:00	*	*	*	*	*	*	*	*	85	111	18	35	16	20	40	55
02:00	*	*	*	*	*	*	*	*	84	143	33	34	16	14	44	64
03:00	*	*	*	*	*	*	*	*	69	229	24	36	27	28	40	98
04:00	*	*	*	*	*	*	*	*	41	372	16	29	11	25	23	142
05:00	*	*	*	*	*	*	*	*	30	150	20	26	10	13	20	63
06:00	*	*	*	*	*	*	*	*	21	70	17	19	12	13	17	34
07:00	*	*	*	*	*	*	*	*	29	56	19	23	24	19	24	33
08:00	*	*	*	*	*	*	*	*	6	30	6	21	8	17	7	23
09:00	*	*	*	*	*	*	*	*	14	16	15	4	16	2	15	7
10:00	*	*	*	*	*	*	*	*	16	19	6	9	10	6	11	11
11:00	*	*	*	*	*	*	*	*	23	33	17	10	16	15	19	19
Lane	0	0	0	0	0	0	0	0	805	1695	463	488	307	298	572	856
Day	0	0	0	0	0	0	0	0	2500	951	951	951	605	605	1428	1428
AM Peak Vol.	-	-	-	-	-	-	-	-	10:00	10:00	07:00	08:00	07:00	07:00	07:00	11:00
PM Peak Vol.	-	-	-	-	-	-	-	-	12:00	16:00	14:00	12:00	15:00	15:00	12:00	16:00
	-	-	-	-	-	-	-	-	114	372	33	37	27	28	49	142

Start Time	11-Aug-14				Tue				Wed				Thu				Fri				Sat				Sun				Week Average			
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB						
12:00 AM	4	11			8	21		5	24	6	18		4	18		5	20		4	12		5	18									
01:00	0	1			0	2		3	4	3	10		4	3		2	4		1	3		2	4									
02:00	3	0			2	2		1	1	0	4		4	2		2	3		2	1		2	2									
03:00	1	3			2	2		2	2	3	0		3	5		3	1		2	3		2	2									
04:00	8	2			6	2		9	0	9	2		4	1		2	1		0	0		5	1									
05:00	48	2			47	5		49	7	50	4		52	4		12	2		6	2		38	4									
06:00	228	30			259	37		244	32	263	30		227	37		39	14		20	9		183	27									
07:00	552	54			555	46		556	60	531	57		458	51		69	26		42	22		395	45									
08:00	292	91			309	95		279	84	285	91		261	95		16	38		14	29		208	75									
09:00	147	90			145	81		147	83	127	87		138	92		22	21		10	8		105	66									
10:00	117	96			108	100		108	98	101	115		89	128		13	29		20	14		79	83									
11:00	90	137			99	114		86	136	87	143		83	148		15	34		17	17		68	104									
12:00 PM	131	136			121	124		124	111	140	147		110	146		24	32		12	17		95	102									
01:00	105	105			131	117		111	108	112	141		98	107		17	39		22	21		85	91									
02:00	107	156			127	166		103	165	110	172		85	145		26	24		15	19		82	121									
03:00	87	275			98	281		85	295	79	282		82	273		24	31		23	35		68	210									
04:00	48	458			45	496		48	436	35	427		30	344		13	30		5	19		32	316									
05:00	26	212			31	211		20	214	35	194		16	154		13	23		5	11		21	146									
06:00	26	76			26	80		23	83	28	87		34	80		18	16		*	*		26	70									
07:00	27	47			29	57		37	62	33	57		29	37		34	25		*	*		32	48									
08:00	13	36			5	32		10	46	12	50		10	40		1	18		*	*		8	37									
09:00	11	16			11	19		9	10	11	20		11	5		13	8		*	*		11	13									
10:00	11	14			12	16		13	15	13	12		10	11		7	8		*	*		11	13									
11:00	23	35			21	40		26	43	23	46		19	42		15	27		*	*		21	39									
Lane	2105	2083			2197	2146		2096	2119	2096	2196		1861	1968		405	474		220	242		1584	1637									
Day	4188				4343				4215				4292				3829				879				462				3221			
AM Peak Vol.	07:00	11:00			07:00	11:00		07:00	11:00	07:00	11:00		07:00	11:00		07:00	08:00		07:00	08:00		07:00	11:00									
	552	137			555	114		556	136	531	143		458	148		69	38		42	29		395	104									
PM Peak Vol.	12:00	16:00			13:00	16:00		12:00	16:00	12:00	16:00		12:00	16:00		19:00	13:00		15:00	15:00		12:00	16:00									
	131	458			131	496		124	436	140	427		110	344		34	39		23	35		95	316									

Comb. Total	4188	4343	4215	4292	6329	1830	1067	4649
ADT	ADT 2,744	AADT 2,744						

File Name : 13065 Ring Road-Main Parking Dvwy AM

Site Code : 13065

E-W Street: Lamson Road-Ring Road

Start Date : 8/12/2014

N-S Street: Main Parking Dvwy-Bldg 5 Dwy

Page No : 1

Groups Printed- Cars - Trucks

	Main Parking Driveway From North					Lamson Road From East					Bldg 5 Driveway From South					Ring Road From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	0	1	3	1	5	5	13	75	74	167	3	1	1	61	66	22	7	3	1	33	271
07:15 AM	1	0	2	2	5	4	9	109	115	237	1	1	0	100	102	29	14	7	9	59	403
07:30 AM	4	0	0	1	5	10	12	111	125	258	2	1	4	119	126	33	7	4	8	52	441
07:45 AM	0	0	1	1	2	8	15	111	133	267	2	0	9	124	135	34	5	4	6	49	453
Total	5	1	6	5	17	27	49	406	447	929	8	3	14	404	429	118	33	18	24	193	1568
08:00 AM	3	0	3	1	7	5	15	87	111	218	3	1	16	95	115	26	15	2	8	51	391
08:15 AM	2	0	5	1	8	4	12	63	78	157	1	0	6	64	71	23	13	4	7	47	283
08:30 AM	3	0	0	1	4	5	18	41	73	137	3	0	5	49	57	16	19	6	8	49	247
08:45 AM	2	0	4	1	7	3	12	33	34	82	1	1	5	30	37	7	11	4	4	26	152
Total	10	0	12	4	26	17	57	224	296	594	8	2	32	238	280	72	58	16	27	173	1073
09:00 AM	2	0	4	2	8	5	14	26	20	65	1	1	3	18	23	7	11	3	9	30	126
09:15 AM	6	0	2	6	14	3	13	9	24	49	1	0	5	19	25	4	11	1	13	29	117
09:30 AM	10	0	3	1	14	4	19	15	17	55	2	1	1	8	12	6	13	1	14	34	115
09:45 AM	8	1	3	0	12	7	14	9	10	40	0	3	2	6	11	4	15	2	9	30	93
Total	26	1	12	9	48	19	60	59	71	209	4	5	11	51	71	21	50	7	45	123	451
Grand Total	41	2	30	18	91	63	166	689	814	1732	20	10	57	693	780	211	141	41	96	489	3092
Apprch %	45.1	2.2	33	19.8		3.6	9.6	39.8	47		2.6	1.3	7.3	88.8		43.1	28.8	8.4	19.6		
Total %	1.3	0.1	1	0.6	2.9	2	5.4	22.3	26.3	56	0.6	0.3	1.8	22.4	25.2	6.8	4.6	1.3	3.1	15.8	
Cars	41	2	29	18	90	62	165	689	814	1730	20	10	56	693	779	210	124	41	96	471	3070
% Cars	100	100	96.7	100	98.9	98.4	99.4	100	100	99.9	100	100	98.2	100	99.9	99.5	87.9	100	100	96.3	99.3
Trucks	0	0	1	0	1	1	1	0	0	2	0	0	1	0	1	1	17	0	0	18	22
% Trucks	0	0	3.3	0	1.1	1.6	0.6	0	0	0.1	0	0	1.8	0	0.1	0.5	12.1	0	0	3.7	0.7

File Name : 13065 Ring Road-Main Parking Dvwy AM

Site Code : 13065

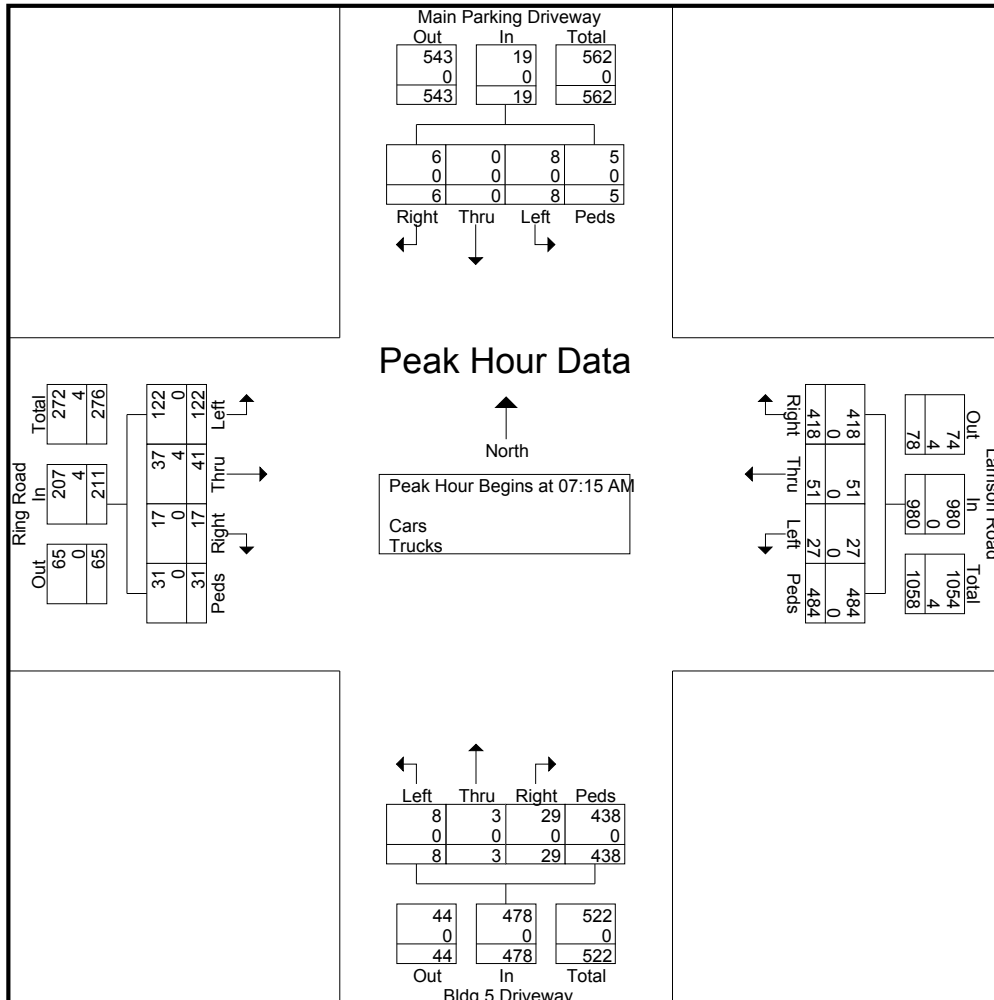
Start Date : 8/12/2014

Page No : 2

E-W Street: Lamson Road-Ring Road

N-S Street: Main Parking Dvwy-Bldg 5 Dwy

	Main Parking Driveway From North					Lamson Road From East					Bldg 5 Driveway From South					Ring Road From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	1	0	2	2	5	4	9	109	115	237	1	1	0	100	102	29	14	7	9	59	403
07:30 AM	4	0	0	1	5	10	12	111	125	258	2	1	4	119	126	33	7	4	8	52	441
07:45 AM	0	0	1	1	2	8	15	111	133	267	2	0	9	124	135	34	5	4	6	49	453
08:00 AM	3	0	3	1	7	5	15	87	111	218	3	1	16	95	115	26	15	2	8	51	391
Total Volume	8	0	6	5	19	27	51	418	484	980	8	3	29	438	478	122	41	17	31	211	1688
% App. Total	42.1	0	31.6	26.3		2.8	5.2	42.7	49.4		1.7	0.6	6.1	91.6		57.8	19.4	8.1	14.7		
PHF	.500	.000	.500	.625	.679	.675	.850	.941	.910	.918	.667	.750	.453	.883	.885	.897	.683	.607	.861	.894	.932
Cars	8	0	6	5	19	27	51	418	484	980	8	3	29	438	478	122	37	17	31	207	1684
% Cars	100	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	90.2	100	100	98.1	99.8
Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.8	0	0	1.9	0.2



File Name : 13065 Ring Road-Main Parking Dvwy PM

Site Code : 13065

E-W Street: Lamson Road-Ring Road

Start Date : 8/12/2014

N-S Street: Main Parking Dvwy-Bldg 5 Dwy

Page No : 1

Groups Printed- Cars - Trucks

	Main Parking Driveway From North					Lamson Road From East					Bldg 5 Driveway From South					Ring Road From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
03:00 PM	18	1	4	2	25	4	16	3	27	50	3	2	5	12	22	2	29	5	5	41	138
03:15 PM	31	0	11	3	45	11	13	3	31	58	1	3	6	15	25	2	29	6	6	43	171
03:30 PM	65	1	14	1	81	2	10	0	71	83	4	0	8	20	32	1	36	0	1	38	234
03:45 PM	52	3	11	2	68	2	8	3	65	78	2	0	6	24	32	0	27	0	4	31	209
Total	166	5	40	8	219	19	47	9	194	269	10	5	25	71	111	5	121	11	16	153	752
04:00 PM	106	2	25	0	133	3	4	4	128	139	3	0	15	38	56	2	21	1	14	38	366
04:15 PM	96	0	12	4	112	2	7	2	92	103	2	0	7	17	26	0	22	0	4	26	267
04:30 PM	127	1	34	4	166	0	8	1	129	138	1	0	7	50	58	0	20	2	1	23	385
04:45 PM	68	1	12	1	82	6	2	1	62	71	1	0	4	15	20	0	13	0	2	15	188
Total	397	4	83	9	493	11	21	8	411	451	7	0	33	120	160	2	76	3	21	102	1206
05:00 PM	64	4	15	0	83	2	5	0	49	56	1	1	10	8	20	2	12	0	0	14	173
05:15 PM	37	2	10	4	53	3	4	2	39	48	1	0	1	14	16	0	11	0	3	14	131
05:30 PM	36	2	10	3	51	1	5	1	38	45	3	1	5	14	23	0	5	2	4	11	130
05:45 PM	31	1	4	0	36	3	1	0	20	24	4	0	4	11	19	1	7	0	0	8	87
Total	168	9	39	7	223	9	15	3	146	173	9	2	20	47	78	3	35	2	7	47	521
Grand Total	731	18	162	24	935	39	83	20	751	893	26	7	78	238	349	10	232	16	44	302	2479
Apprch %	78.2	1.9	17.3	2.6		4.4	9.3	2.2	84.1		7.4	2	22.3	68.2		3.3	76.8	5.3	14.6		
Total %	29.5	0.7	6.5	1	37.7	1.6	3.3	0.8	30.3	36	1	0.3	3.1	9.6	14.1	0.4	9.4	0.6	1.8	12.2	
Cars	730	18	162	24	934	39	83	20	751	893	26	7	78	238	349	10	226	16	44	296	2472
% Cars	99.9	100	100	100	99.9	100	100	100	100	100	100	100	100	100	100	100	97.4	100	100	98	99.7
Trucks	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	7
% Trucks	0.1	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	2.6	0	0	2	0.3

File Name : 13065 Ring Road-Main Parking Dvwy PM

Site Code : 13065

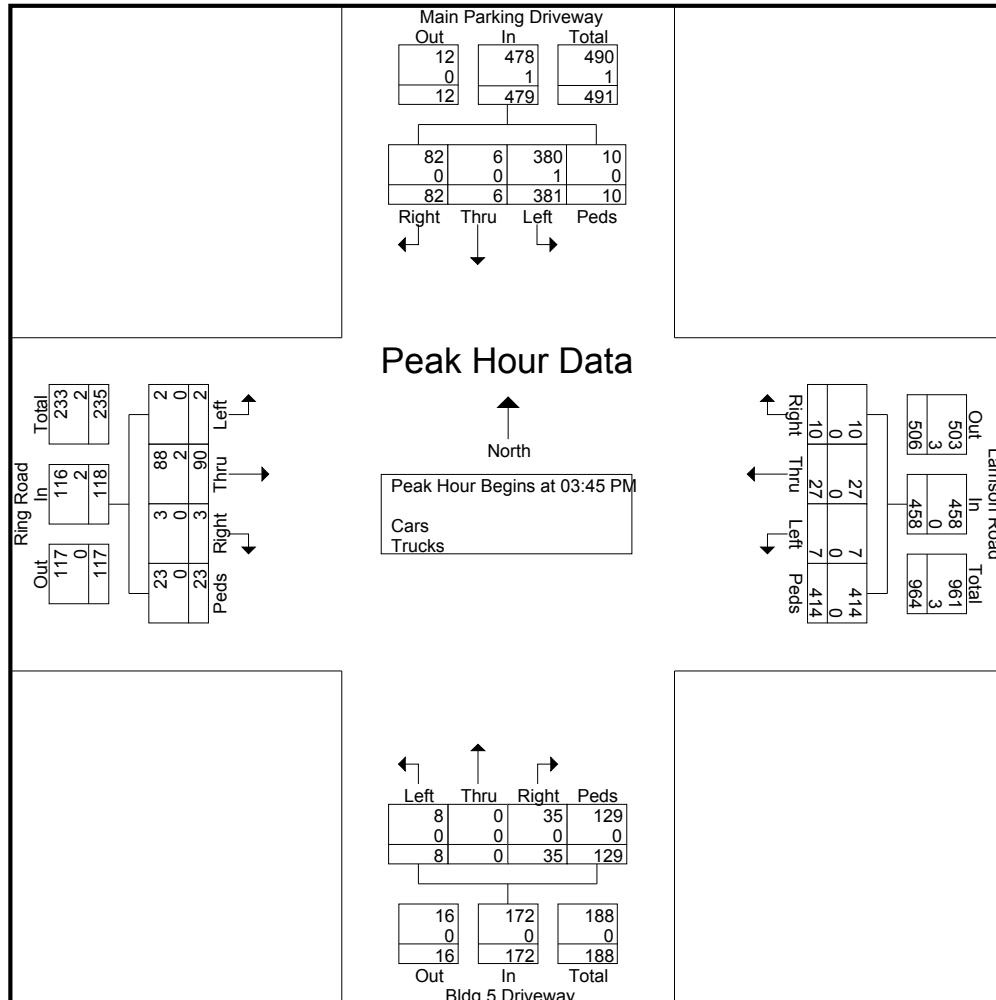
Start Date : 8/12/2014

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E-W Street: Lamson Road-Ring Road

N-S Street: Main Parking Dvwy-Bldg 5 Dwy

	Main Parking Driveway From North					Lamson Road From East					Bldg 5 Driveway From South					Ring Road From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	52	3	11	2	68	2	8	3	65	78	2	0	6	24	32	0	27	0	4	31	209
04:00 PM	106	2	25	0	133	3	4	4	128	139	3	0	15	38	56	2	21	1	14	38	366
04:15 PM	96	0	12	4	112	2	7	2	92	103	2	0	7	17	26	0	22	0	4	26	267
04:30 PM	127	1	34	4	166	0	8	1	129	138	1	0	7	50	58	0	20	2	1	23	385
Total Volume	381	6	82	10	479	7	27	10	414	458	8	0	35	129	172	2	90	3	23	118	1227
% App. Total	79.5	1.3	17.1	2.1		1.5	5.9	2.2	90.4		4.7	0	20.3	75		1.7	76.3	2.5	19.5		
PHF	.750	.500	.603	.625	.721	.583	.844	.625	.802	.824	.667	.000	.583	.645	.741	.250	.833	.375	.411	.776	.797
Cars	380	6	82	10	478	7	27	10	414	458	8	0	35	129	172	2	88	3	23	116	1224
% Cars	99.7	100	100	100	99.8	100	100	100	100	100	100	0	100	100	100	100	97.8	100	100	98.3	99.8
Trucks	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3
% Trucks	0.3	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	2.2	0	0	1.7	0.2



File Name : 13065 Ring Road-Bldg 4 Driveway AM
 Site Code : 13065
 Start Date : 8/12/2014
 Page No : 1

E-W Street: Ring Road
 N-S Street: Bldg 4 Driveway

Groups Printed- Cars - Trucks

	Bldg 4 Driveway From North				Ring Road From East				Ring Road From West				
Start Time	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Int. Total
07:00 AM	1	1	0	2	0	2	0	2	6	0	0	6	10
07:15 AM	2	0	0	2	0	1	0	1	3	0	0	3	6
07:30 AM	0	0	1	1	0	0	1	1	0	0	0	0	2
07:45 AM	1	1	0	2	0	1	6	7	1	0	0	1	10
Total	4	2	1	7	0	4	7	11	10	0	0	10	28
08:00 AM	0	0	1	1	0	0	9	9	2	0	0	2	12
08:15 AM	1	4	0	5	0	1	10	11	6	0	0	6	22
08:30 AM	2	3	0	5	0	2	4	6	1	0	0	1	12
08:45 AM	1	1	1	3	0	1	7	8	2	0	0	2	13
Total	4	8	2	14	0	4	30	34	11	0	0	11	59
09:00 AM	1	0	1	2	0	0	6	6	1	0	0	1	9
09:15 AM	0	0	0	0	0	0	3	3	0	0	0	0	3
09:30 AM	1	1	0	2	0	2	3	5	1	0	0	1	8
09:45 AM	0	0	0	0	0	0	5	5	1	0	0	1	6
Total	2	1	1	4	0	2	17	19	3	0	0	3	26
Grand Total	10	11	4	25	0	10	54	64	24	0	0	24	113
Apprch %	40	44	16		0	15.6	84.4		100	0	0		
Total %	8.8	9.7	3.5	22.1	0	8.8	47.8	56.6	21.2	0	0	21.2	
Cars	9	9	4	22	0	10	54	64	22	0	0	22	108
% Cars	90	81.8	100	88	0	100	100	100	91.7	0	0	91.7	95.6
Trucks	1	2	0	3	0	0	0	0	2	0	0	2	5
% Trucks	10	18.2	0	12	0	0	0	0	8.3	0	0	8.3	4.4

File Name : 13065 Ring Road-Bldg 4 Driveway AM

Site Code : 13065

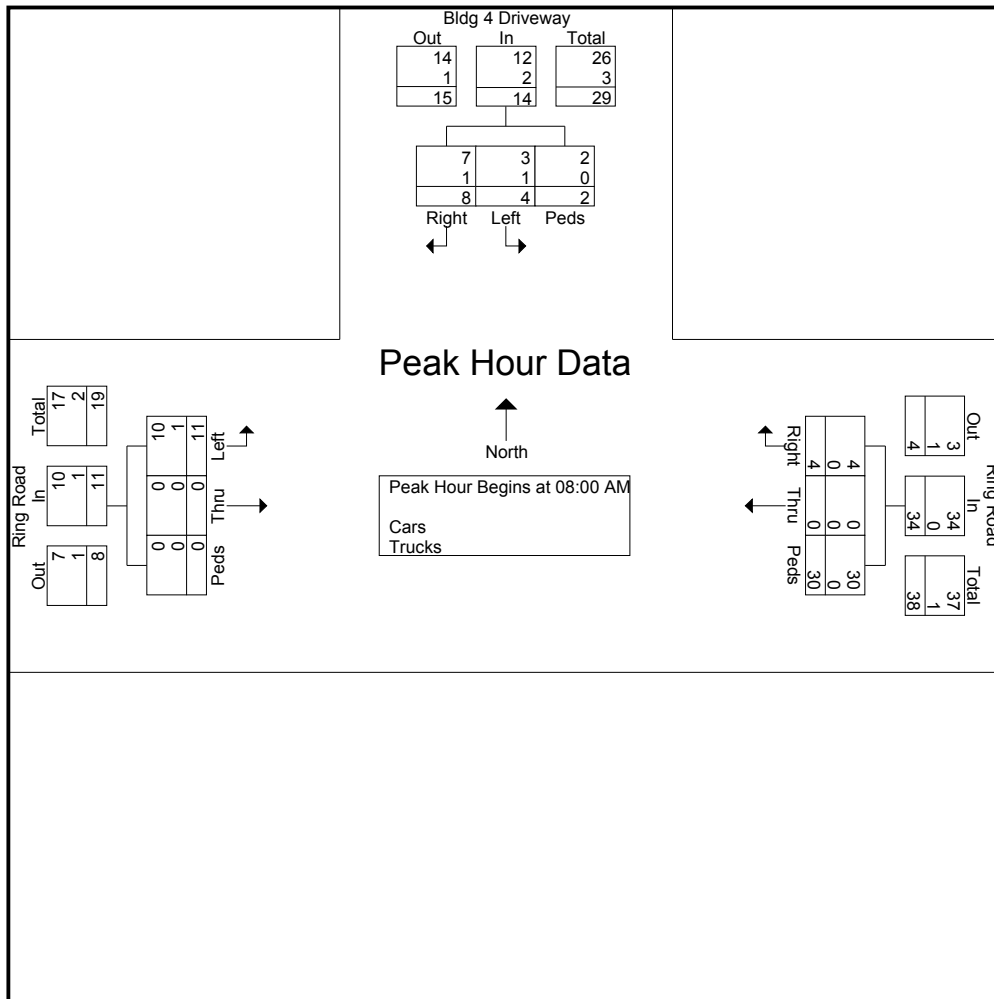
Start Date : 8/12/2014

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E-W Street: Ring Road

N-S Street: Bldg 4 Driveway

	Bldg 4 Driveway From North				Ring Road From East				Ring Road From West				
Start Time	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 08:00 AM													
08:00 AM	0	0	1	1	0	0	9	9	2	0	0	2	12
08:15 AM	1	4	0	5	0	1	10	11	6	0	0	6	22
08:30 AM	2	3	0	5	0	2	4	6	1	0	0	1	12
08:45 AM	1	1	1	3	0	1	7	8	2	0	0	2	13
Total Volume	4	8	2	14	0	4	30	34	11	0	0	11	59
% App. Total	28.6	57.1	14.3		0	11.8	88.2		100	0	0		
PHF	.500	.500	.500	.700	.000	.500	.750	.773	.458	.000	.000	.458	.670
Cars	3	7	2	12	0	4	30	34	10	0	0	10	56
% Cars	75.0	87.5	100	85.7	0	100	100	100	90.9	0	0	90.9	94.9
Trucks	1	1	0	2	0	0	0	0	1	0	0	1	3
% Trucks	25.0	12.5	0	14.3	0	0	0	0	9.1	0	0	9.1	5.1



File Name : 13065 Ring Road-Bldg 4 Driveway PM

Site Code : 13065

Start Date : 8/12/2014

Page No : 1

E-W Street: Ring Road
N-S Street: Bldg 4 Driveway

Groups Printed- Cars - Trucks

	Bldg 4 Driveway From North				Ring Road From East				Ring Road From West				
Start Time	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Int. Total
03:00 PM	3	0	1	4	0	1	0	1	2	0	0	2	7
03:15 PM	1	3	1	5	0	0	1	1	1	0	0	1	7
03:30 PM	1	5	0	6	0	0	3	3	1	0	0	1	10
03:45 PM	0	0	0	0	0	1	9	10	1	0	0	1	11
Total	5	8	2	15	0	2	13	15	5	0	0	5	35
04:00 PM	0	1	0	1	0	2	7	9	0	0	0	0	10
04:15 PM	2	3	0	5	0	0	7	7	1	0	0	1	13
04:30 PM	1	5	2	8	0	0	9	9	0	0	0	0	17
04:45 PM	0	1	2	3	0	0	3	3	2	0	0	2	8
Total	3	10	4	17	0	2	26	28	3	0	0	3	48
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	1
05:15 PM	1	0	0	1	0	0	0	0	1	0	0	1	2
05:30 PM	0	1	2	3	0	0	0	0	0	0	0	0	3
05:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	1	3	2	6	0	0	0	0	1	0	0	1	7
Grand Total	9	21	8	38	0	4	39	43	9	0	0	9	90
Apprch %	23.7	55.3	21.1		0	9.3	90.7		100	0	0		
Total %	10	23.3	8.9	42.2	0	4.4	43.3	47.8	10	0	0	10	
Cars	9	21	8	38	0	3	39	42	9	0	0	9	89
% Cars	100	100	100	100	0	75	100	97.7	100	0	0	100	98.9
Trucks	0	0	0	0	0	1	0	1	0	0	0	0	1
% Trucks	0	0	0	0	0	25	0	2.3	0	0	0	0	1.1

File Name : 13065 Ring Road-Bldg 4 Driveway PM

Site Code : 13065

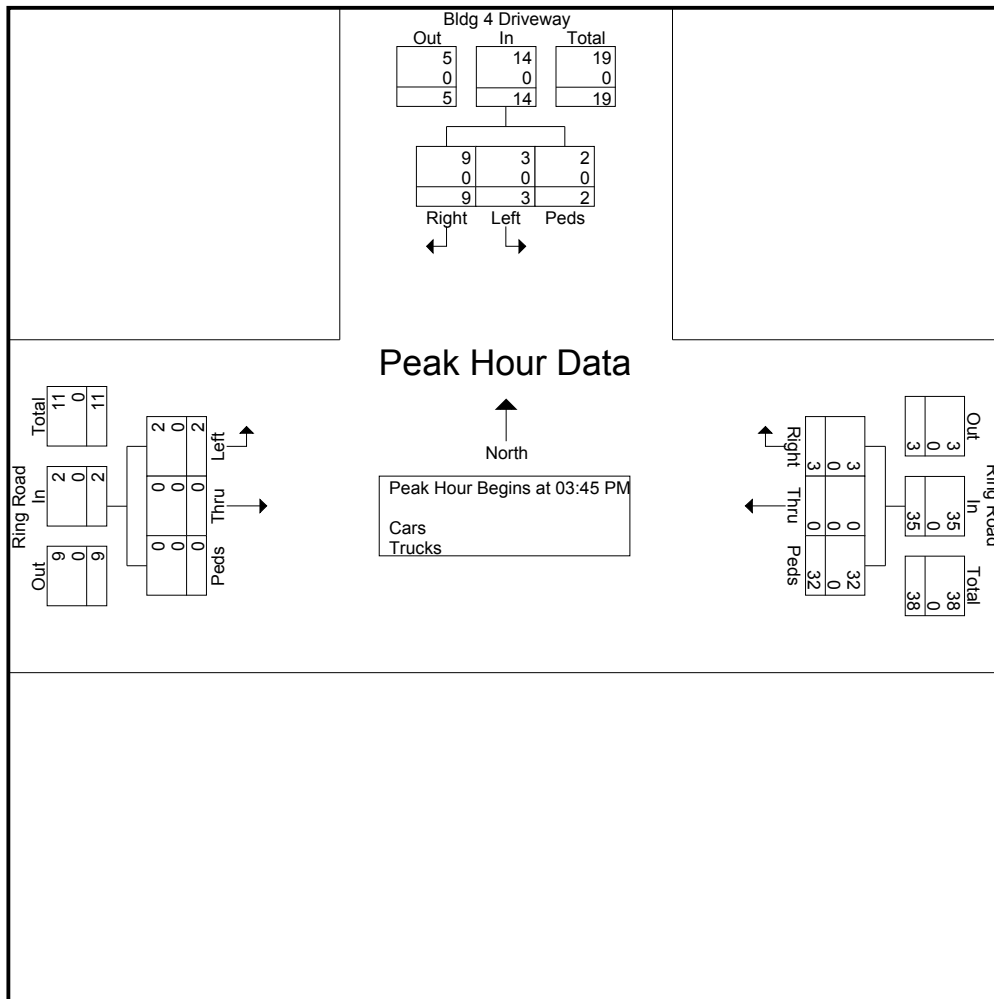
Start Date : 8/12/2014

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E-W Street: Ring Road

N-S Street: Bldg 4 Driveway

	Bldg 4 Driveway From North				Ring Road From East				Ring Road From West				
Start Time	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:45 PM													
03:45 PM	0	0	0	0	0	1	9	10	1	0	0	1	11
04:00 PM	0	1	0	1	0	2	7	9	0	0	0	0	10
04:15 PM	2	3	0	5	0	0	7	7	1	0	0	1	13
04:30 PM	1	5	2	8	0	0	9	9	0	0	0	0	17
Total Volume	3	9	2	14	0	3	32	35	2	0	0	2	51
% App. Total	21.4	64.3	14.3		0	8.6	91.4		100	0	0		
PHF	.375	.450	.250	.438	.000	.375	.889	.875	.500	.000	.000	.500	.750
Cars	3	9	2	14	0	3	32	35	2	0	0	2	51
% Cars	100	100	100	100	0	100	100	100	100	0	0	100	100
Trucks	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



File Name : 13065 Ring Road-P4B Driveway AM
 Site Code : 13065
 Start Date : 8/12/2014
 Page No : 1

E-W Street: Ring Road
 N-S Street: P4B Driveway

Groups Printed- Cars - Trucks

	Ring Road From East				P4B Driveway From South				Ring Road From West				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	1	12	0	13	1	3	0	4	37	1	0	38	55
07:15 AM	0	12	1	13	6	8	0	14	45	0	1	46	73
07:30 AM	0	11	3	14	3	6	0	9	42	0	1	43	66
07:45 AM	0	19	4	23	8	3	1	12	56	0	1	57	92
Total	1	54	8	63	18	20	1	39	180	1	3	184	286
08:00 AM	0	20	4	24	25	10	0	35	34	0	1	35	94
08:15 AM	1	19	5	25	24	12	0	36	38	0	1	39	100
08:30 AM	0	19	2	21	21	10	0	31	24	1	5	30	82
08:45 AM	2	19	6	27	23	6	0	29	21	0	4	25	81
Total	3	77	17	97	93	38	0	131	117	1	11	129	357
09:00 AM	0	19	0	19	9	10	0	19	6	1	3	10	48
09:15 AM	0	14	3	17	11	8	0	19	10	0	4	14	50
09:30 AM	0	18	2	20	8	6	0	14	12	0	1	13	47
09:45 AM	0	25	3	28	9	5	0	14	19	0	1	20	62
Total	0	76	8	84	37	29	0	66	47	1	9	57	207
Grand Total	4	207	33	244	148	87	1	236	344	3	23	370	850
Apprch %	1.6	84.8	13.5		62.7	36.9	0.4		93	0.8	6.2		
Total %	0.5	24.4	3.9	28.7	17.4	10.2	0.1	27.8	40.5	0.4	2.7	43.5	
Cars	4	201	33	238	148	70	1	219	329	2	23	354	811
% Cars	100	97.1	100	97.5	100	80.5	100	92.8	95.6	66.7	100	95.7	95.4
Trucks	0	6	0	6	0	17	0	17	15	1	0	16	39
% Trucks	0	2.9	0	2.5	0	19.5	0	7.2	4.4	33.3	0	4.3	4.6

File Name : 13065 Ring Road-P4B Driveway AM

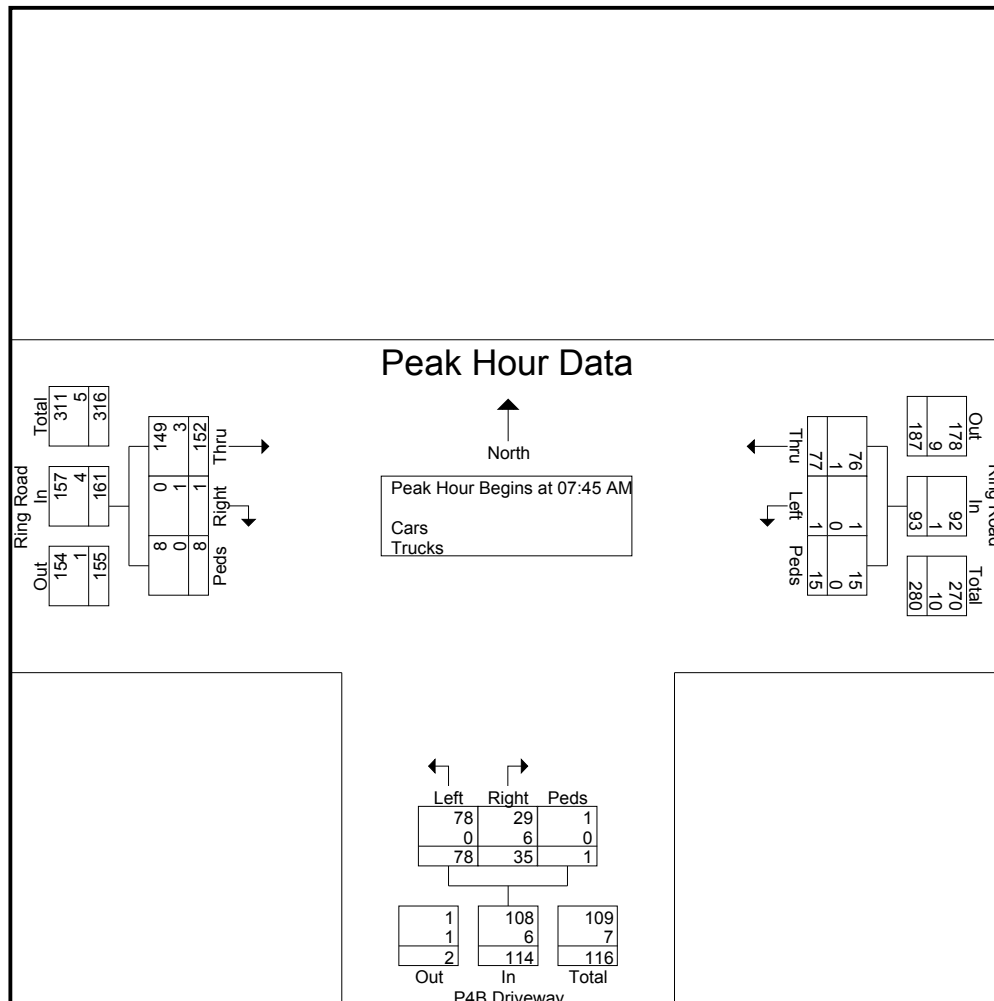
Site Code : 13065

Start Date : 8/12/2014

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E-W Street: Ring Road
 N-S Street: P4B Driveway

	Ring Road From East				P4B Driveway From South				Ring Road From West				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:45 AM													
07:45 AM	0	19	4	23	8	3	1	12	56	0	1	57	92
08:00 AM	0	20	4	24	25	10	0	35	34	0	1	35	94
08:15 AM	1	19	5	25	24	12	0	36	38	0	1	39	100
08:30 AM	0	19	2	21	21	10	0	31	24	1	5	30	82
Total Volume	1	77	15	93	78	35	1	114	152	1	8	161	368
% App. Total	1.1	82.8	16.1		68.4	30.7	0.9		94.4	0.6	5		
PHF	.250	.963	.750	.930	.780	.729	.250	.792	.679	.250	.400	.706	.920
Cars	1	76	15	92	78	29	1	108	149	0	8	157	357
% Cars	100	98.7	100	98.9	100	82.9	100	94.7	98.0	0	100	97.5	97.0
Trucks	0	1	0	1	0	6	0	6	3	1	0	4	11
% Trucks	0	1.3	0	1.1	0	17.1	0	5.3	2.0	100	0	2.5	3.0



File Name : 13065 Ring Road-P4B Driveway PM

Site Code : 13065

Start Date : 8/12/2014

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E-W Street: Ring Road
 N-S Street: P4B Driveway

Groups Printed- Cars - Trucks

	Ring Road From East				P4B Driveway From South				Ring Road From West				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
03:00 PM	0	25	1	26	17	17	0	34	21	0	2	23	83
03:15 PM	0	29	1	30	13	16	0	29	20	0	1	21	80
03:30 PM	0	32	4	36	17	20	0	37	10	0	3	13	86
03:45 PM	0	21	2	23	17	12	0	29	16	0	1	17	69
Total	0	107	8	115	64	65	0	129	67	0	7	74	318
04:00 PM	0	33	2	35	15	15	0	30	15	0	1	16	81
04:15 PM	0	26	3	29	9	11	0	20	1	0	2	3	52
04:30 PM	0	41	3	44	9	4	0	13	9	0	1	10	67
04:45 PM	0	18	1	19	11	12	0	23	5	0	0	5	47
Total	0	118	9	127	44	42	0	86	30	0	4	34	247
05:00 PM	0	21	0	21	2	5	0	7	6	0	1	7	35
05:15 PM	0	15	0	15	4	7	0	11	7	0	0	7	33
05:30 PM	0	16	2	18	4	1	0	5	5	0	0	5	28
05:45 PM	0	11	0	11	2	7	0	9	1	0	0	1	21
Total	0	63	2	65	12	20	0	32	19	0	1	20	117
Grand Total	0	288	19	307	120	127	0	247	116	0	12	128	682
Apprch %	0	93.8	6.2		48.6	51.4	0		90.6	0	9.4		
Total %	0	42.2	2.8	45	17.6	18.6	0	36.2	17	0	1.8	18.8	
Cars	0	285	19	304	120	119	0	239	107	0	12	119	662
% Cars	0	99	100	99	100	93.7	0	96.8	92.2	0	100	93	97.1
Trucks	0	3	0	3	0	8	0	8	9	0	0	9	20
% Trucks	0	1	0	1	0	6.3	0	3.2	7.8	0	0	7	2.9

File Name : 13065 Ring Road-P4B Driveway PM

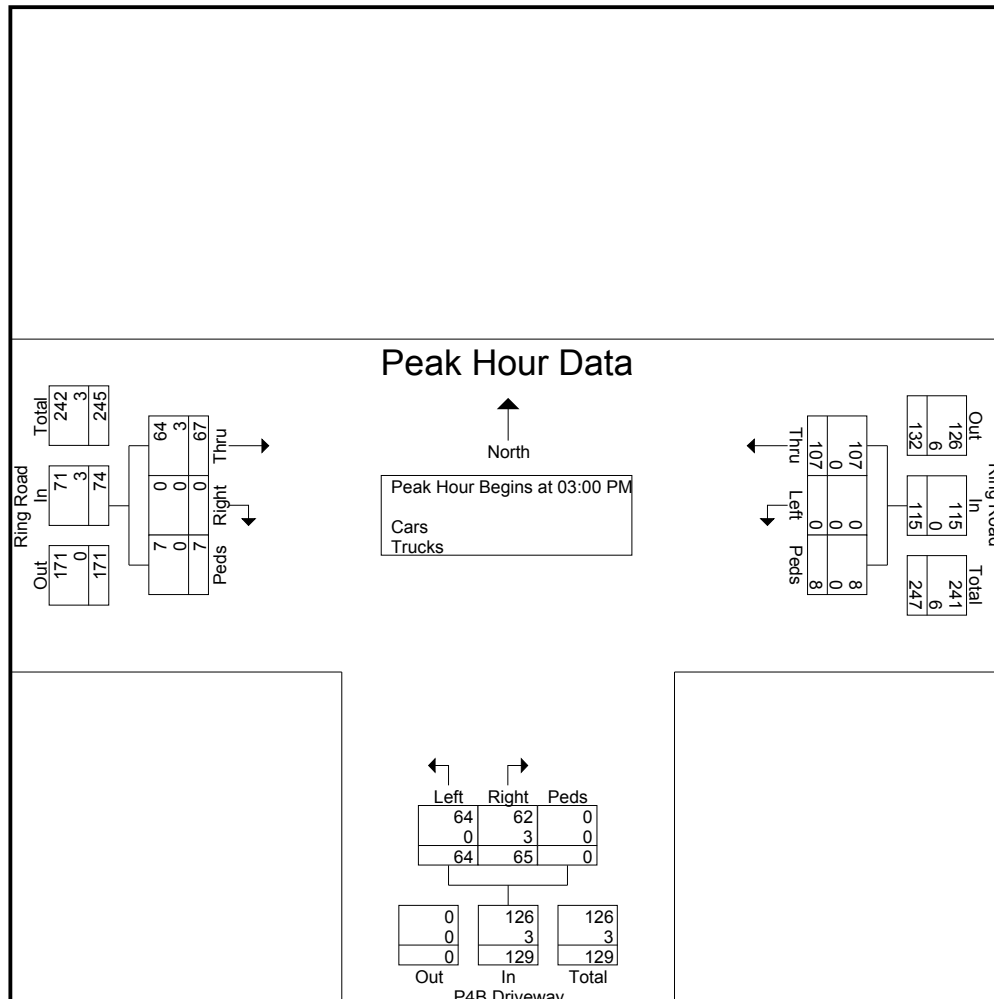
Site Code : 13065

Start Date : 8/12/2014

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E-W Street: Ring Road
 N-S Street: P4B Driveway

	Ring Road From East				P4B Driveway From South				Ring Road From West				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:00 PM													
03:00 PM	0	25	1	26	17	17	0	34	21	0	2	23	83
03:15 PM	0	29	1	30	13	16	0	29	20	0	1	21	80
03:30 PM	0	32	4	36	17	20	0	37	10	0	3	13	86
03:45 PM	0	21	2	23	17	12	0	29	16	0	1	17	69
Total Volume	0	107	8	115	64	65	0	129	67	0	7	74	318
% App. Total	0	93	7		49.6	50.4	0		90.5	0	9.5		
PHF	.000	.836	.500	.799	.941	.813	.000	.872	.798	.000	.583	.804	.924
Cars	0	107	8	115	64	62	0	126	64	0	7	71	312
% Cars	0	100	100	100	100	95.4	0	97.7	95.5	0	100	95.9	98.1
Trucks	0	0	0	0	0	3	0	3	3	0	0	3	6
% Trucks	0	0	0	0	0	4.6	0	2.3	4.5	0	0	4.1	1.9



File Name : 13065 Ring Road-Bldg 2 Main Entrance AM

Site Code : 13065

Start Date : 8/12/2014

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E-W Street: Bldg 2 Main Entrance

N-S Street: Ring Road

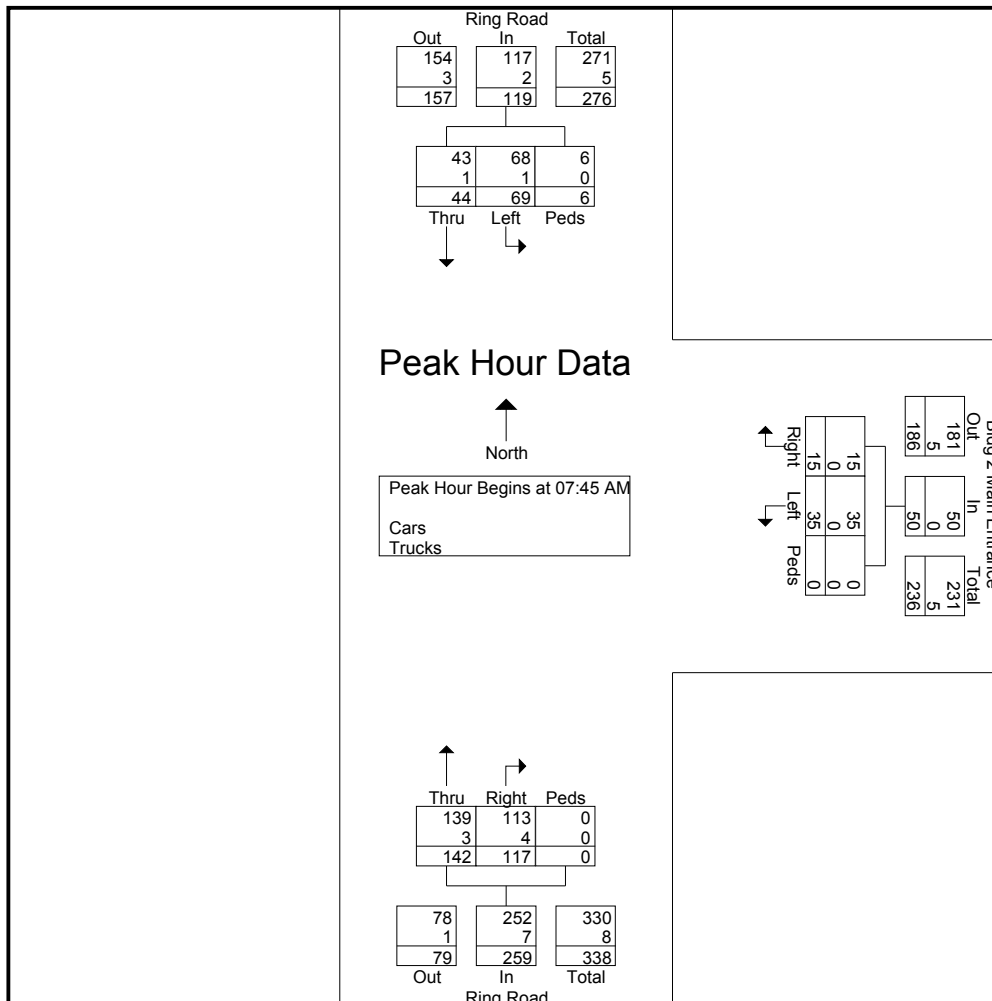
Groups Printed- Cars - Trucks

	Ring Road From North				Bldg 2 Main Entrance From East				Ring Road From South				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	7	6	0	13	5	2	0	7	40	22	0	62	82
07:15 AM	5	6	1	12	3	3	0	6	45	18	0	63	81
07:30 AM	5	8	2	15	6	0	2	8	45	20	0	65	88
07:45 AM	12	9	2	23	9	3	0	12	57	27	0	84	119
Total	29	29	5	63	23	8	2	33	187	87	0	274	370
08:00 AM	15	10	0	25	7	4	0	11	30	34	0	64	100
08:15 AM	18	16	0	34	9	5	0	14	32	28	0	60	108
08:30 AM	24	9	4	37	10	3	0	13	23	28	0	51	101
08:45 AM	21	12	0	33	10	6	0	16	15	30	0	45	94
Total	78	47	4	129	36	18	0	54	100	120	0	220	403
09:00 AM	19	12	0	31	13	1	1	15	5	28	0	33	79
09:15 AM	18	13	0	31	13	1	3	17	12	24	0	36	84
09:30 AM	16	10	1	27	13	4	0	17	6	31	0	37	81
09:45 AM	24	14	0	38	9	8	0	17	10	34	0	44	99
Total	77	49	1	127	48	14	4	66	33	117	0	150	343
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	184	125	10	319	107	40	6	153	320	324	0	644	1116
Apprch %	57.7	39.2	3.1		69.9	26.1	3.9		49.7	50.3	0		
Total %	16.5	11.2	0.9	28.6	9.6	3.6	0.5	13.7	28.7	29	0	57.7	
Cars	182	123	10	315	107	40	6	153	309	320	0	629	1097
% Cars	98.9	98.4	100	98.7	100	100	100	100	96.6	98.8	0	97.7	98.3
Trucks	2	2	0	4	0	0	0	0	11	4	0	15	19
% Trucks	1.1	1.6	0	1.3	0	0	0	0	3.4	1.2	0	2.3	1.7

File Name : 13065 Ring Road-Bldg 2 Main Entrance AM
 Site Code : 13065
 Start Date : 8/12/2014
 Page No : 2

E-W Street: Bldg 2 Main Entrance
 N-S Street: Ring Road

	Ring Road From North				Bldg 2 Main Entrance From East				Ring Road From South				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 10:00 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:45 AM													
07:45 AM	12	9	2	23	9	3	0	12	57	27	0	84	119
08:00 AM	15	10	0	25	7	4	0	11	30	34	0	64	100
08:15 AM	18	16	0	34	9	5	0	14	32	28	0	60	108
08:30 AM	24	9	4	37	10	3	0	13	23	28	0	51	101
Total Volume	69	44	6	119	35	15	0	50	142	117	0	259	428
% App. Total	58	37	5		70	30	0		54.8	45.2	0		
PHF	.719	.688	.375	.804	.875	.750	.000	.893	.623	.860	.000	.771	.899
Cars	68	43	6	117	35	15	0	50	139	113	0	252	419
% Cars	98.6	97.7	100	98.3	100	100	0	100	97.9	96.6	0	97.3	97.9
Trucks	1	1	0	2	0	0	0	0	3	4	0	7	9
% Trucks	1.4	2.3	0	1.7	0	0	0	0	2.1	3.4	0	2.7	2.1



File Name : 13065 Ring Road-Bldg 2 Main Entrance PM

Site Code : 13065

Start Date : 8/12/2014

Page No : 1

E-W Street: Bldg 2 Main Entrance

N-S Street: Ring Road

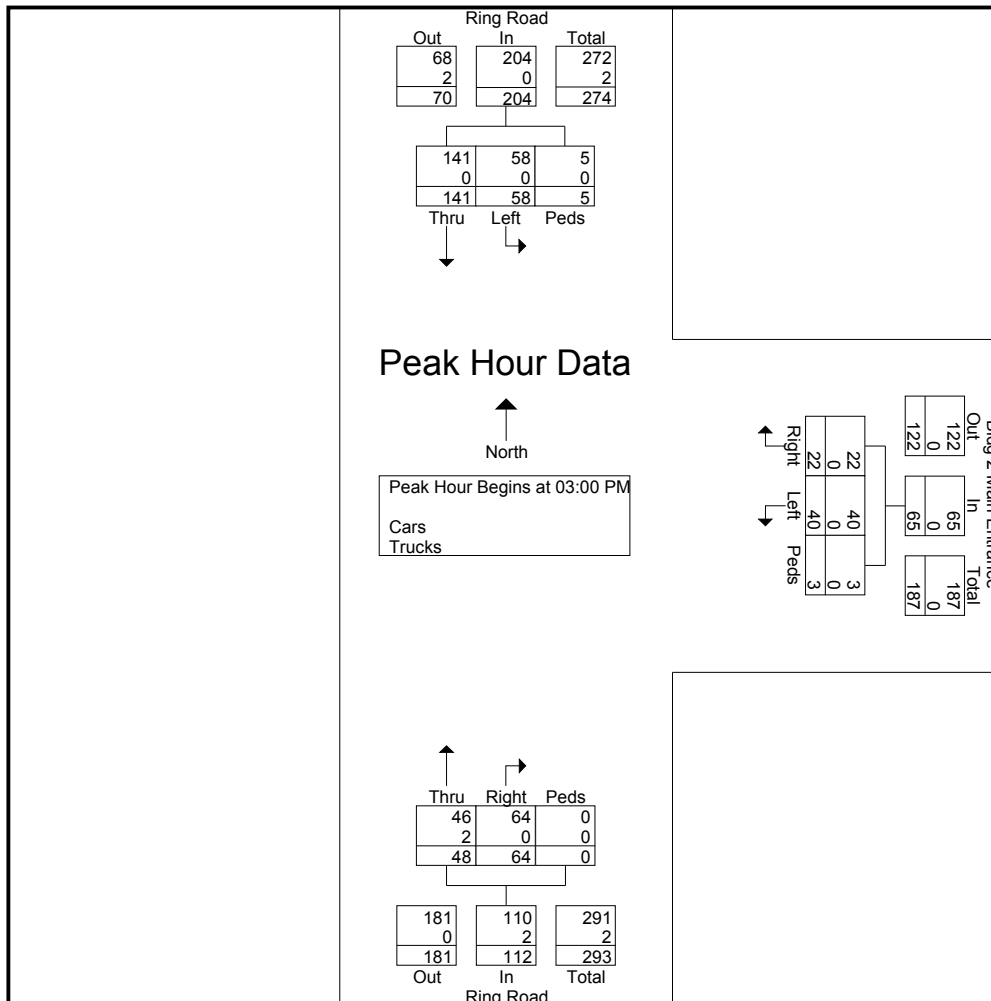
Groups Printed- Cars - Trucks

	Ring Road From North				Bldg 2 Main Entrance From East				Ring Road From South				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
03:00 PM	20	32	0	52	10	7	1	18	13	21	0	34	104
03:15 PM	20	32	1	53	10	7	0	17	19	19	0	38	108
03:30 PM	9	46	2	57	10	6	1	17	5	15	0	20	94
03:45 PM	9	31	2	42	10	2	1	13	11	9	0	20	75
Total	58	141	5	204	40	22	3	65	48	64	0	112	381
04:00 PM	10	45	0	55	9	6	0	15	7	15	0	22	92
04:15 PM	7	36	3	46	7	1	0	8	1	12	0	13	67
04:30 PM	7	58	2	67	9	4	0	13	5	10	0	15	95
04:45 PM	4	30	2	36	3	2	1	6	1	7	1	9	51
Total	28	169	7	204	28	13	1	42	14	44	1	59	305
05:00 PM	3	21	1	25	10	0	0	10	4	11	0	15	50
05:15 PM	5	16	0	21	2	4	0	6	7	5	0	12	39
05:30 PM	2	22	1	25	5	0	1	6	4	6	0	10	41
05:45 PM	3	11	1	15	2	1	2	5	1	5	0	6	26
Total	13	70	3	86	19	5	3	27	16	27	0	43	156
Grand Total	99	380	15	494	87	40	7	134	78	135	1	214	842
Apprch %	20	76.9	3		64.9	29.9	5.2		36.4	63.1	0.5		
Total %	11.8	45.1	1.8	58.7	10.3	4.8	0.8	15.9	9.3	16	0.1	25.4	
Cars	98	380	15	493	87	39	7	133	72	135	1	208	834
% Cars	99	100	100	99.8	100	97.5	100	99.3	92.3	100	100	97.2	99
Trucks	1	0	0	1	0	1	0	1	6	0	0	6	8
% Trucks	1	0	0	0.2	0	2.5	0	0.7	7.7	0	0	2.8	1

E-W Street: Bldg 2 Main Entrance
 N-S Street: Ring Road

File Name : 13065 Ring Road-Bldg 2 Main Entrance PM
 Site Code : 13065
 Start Date : 8/12/2014
 Page No : 2

	Ring Road From North				Bldg 2 Main Entrance From East				Ring Road From South				
Start Time	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:00 PM													
03:00 PM	20	32	0	52	10	7	1	18	13	21	0	34	104
03:15 PM	20	32	1	53	10	7	0	17	19	19	0	38	108
03:30 PM	9	46	2	57	10	6	1	17	5	15	0	20	94
03:45 PM	9	31	2	42	10	2	1	13	11	9	0	20	75
Total Volume	58	141	5	204	40	22	3	65	48	64	0	112	381
% App. Total	28.4	69.1	2.5		61.5	33.8	4.6		42.9	57.1	0		
PHF	.725	.766	.625	.895	1.00	.786	.750	.903	.632	.762	.000	.737	.882
Cars	58	141	5	204	40	22	3	65	46	64	0	110	379
% Cars	100	100	100	100	100	100	100	100	95.8	100	0	98.2	99.5
Trucks	0	0	0	0	0	0	0	0	2	0	0	2	2
% Trucks	0	0	0	0	0	0	0	0	4.2	0	0	1.8	0.5



File Name : 13065 Campbell-Lamson AM
 Site Code : 13065
 Start Date : 8/12/2014
 Page No : 1

E-W Street: Lamson St.-VA Hospital Dvwy
 N-S Street: Campbell Street

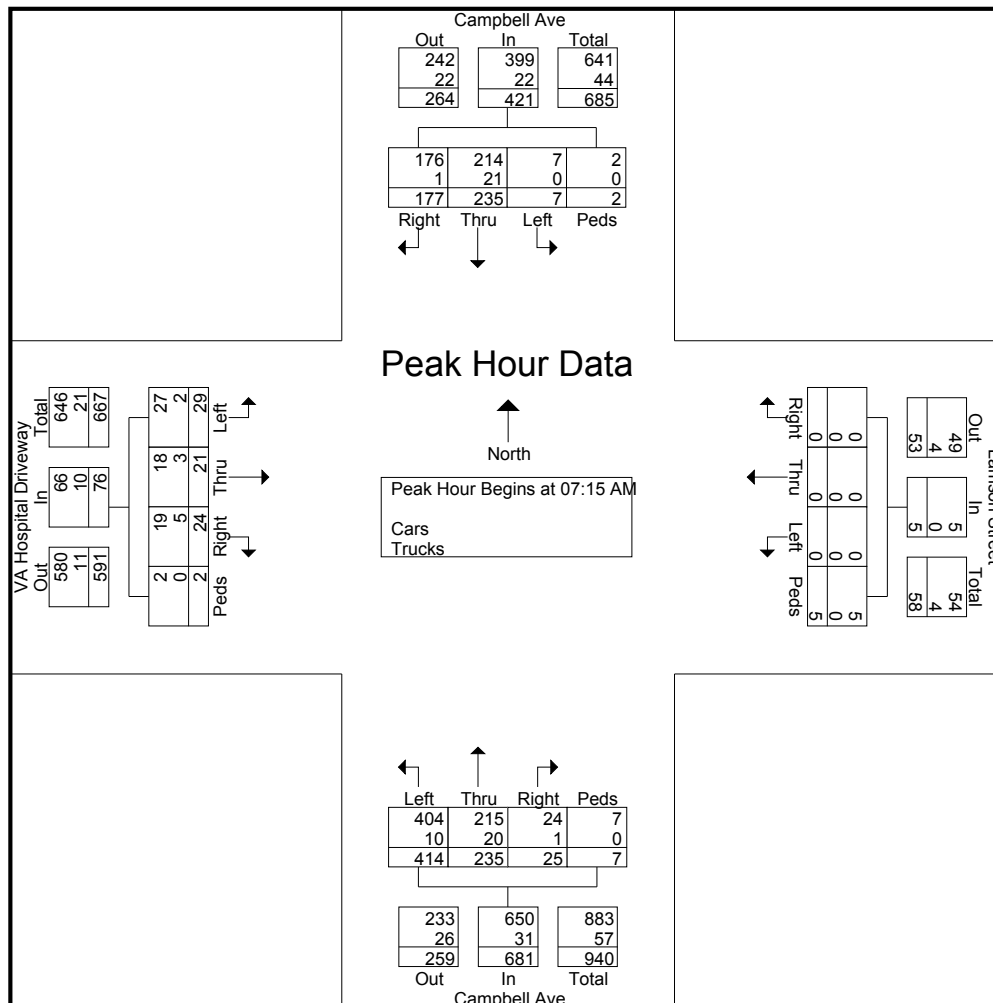
Groups Printed- Cars - Trucks

	Campbell Ave From North					Lamson Street From East					Campbell Ave From South					VA Hospital Driveway From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	0	40	37	2	79	0	0	0	1	1	91	52	3	0	146	1	2	4	0	7	233
07:15 AM	1	62	52	0	115	0	0	0	1	1	117	64	5	1	187	5	3	5	0	13	316
07:30 AM	1	53	38	0	92	0	0	0	1	1	104	63	4	2	173	5	3	7	1	16	282
07:45 AM	3	78	59	0	140	0	0	0	2	2	105	46	3	4	158	6	5	4	1	16	316
Total	5	233	186	2	426	0	0	0	5	5	417	225	15	7	664	17	13	20	2	52	1147
08:00 AM	2	42	28	2	74	0	0	0	1	1	88	62	13	0	163	13	10	8	0	31	269
08:15 AM	3	56	25	0	84	0	0	0	1	1	73	83	15	4	175	6	3	12	2	23	283
08:30 AM	4	56	13	2	75	0	0	0	1	1	52	63	9	3	127	6	9	11	0	26	229
08:45 AM	4	77	20	1	102	0	0	0	4	4	34	66	12	4	116	4	3	10	1	18	240
Total	13	231	86	5	335	0	0	0	7	7	247	274	49	11	581	29	25	41	3	98	1021
09:00 AM	6	64	15	1	86	0	0	0	3	3	34	69	9	4	116	3	8	6	1	18	223
09:15 AM	0	56	17	1	74	0	0	0	2	2	17	51	8	0	76	3	11	9	1	24	176
09:30 AM	0	41	16	0	57	0	0	0	1	1	28	66	10	2	106	2	9	8	0	19	183
09:45 AM	5	71	8	3	87	0	0	0	2	2	27	54	10	1	92	11	3	9	0	23	204
Total	11	232	56	5	304	0	0	0	8	8	106	240	37	7	390	19	31	32	2	84	786
Grand Total	29	696	328	12	1065	0	0	0	20	20	770	739	101	25	1635	65	69	93	7	234	2954
Apprch %	2.7	65.4	30.8	1.1		0	0	0	100		47.1	45.2	6.2	1.5		27.8	29.5	39.7	3		
Total %	1	23.6	11.1	0.4	36.1	0	0	0	0.7	0.7	26.1	25	3.4	0.8	55.3	2.2	2.3	3.1	0.2	7.9	
Cars	28	633	323	12	996	0	0	0	20	20	742	675	95	25	1537	58	57	71	7	193	2746
% Cars	96.6	90.9	98.5	100	93.5	0	0	0	100	100	96.4	91.3	94.1	100	94	89.2	82.6	76.3	100	82.5	93
Trucks	1	63	5	0	69	0	0	0	0	0	28	64	6	0	98	7	12	22	0	41	208
% Trucks	3.4	9.1	1.5	0	6.5	0	0	0	0	0	3.6	8.7	5.9	0	6	10.8	17.4	23.7	0	17.5	7

File Name : 13065 Campbell-Lamson AM
 Site Code : 13065
 Start Date : 8/12/2014
 Page No : 2

E-W Street: Lamson St.-VA Hospital Dwyw
 N-S Street: Campbell Street

	Campbell Ave From North					Lamson Street From East					Campbell Ave From South					VA Hospital Driveway From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	1	62	52	0	115	0	0	0	1	1	117	64	5	1	187	5	3	5	0	13	316
07:30 AM	1	53	38	0	92	0	0	0	1	1	104	63	4	2	173	5	3	7	1	16	282
07:45 AM	3	78	59	0	140	0	0	0	2	2	105	46	3	4	158	6	5	4	1	16	316
08:00 AM	2	42	28	2	74	0	0	0	1	1	88	62	13	0	163	13	10	8	0	31	269
Total Volume	7	235	177	2	421	0	0	0	5	5	414	235	25	7	681	29	21	24	2	76	1183
% App. Total	1.7	55.8	42	0.5		0	0	0	100		60.8	34.5	3.7	1		38.2	27.6	31.6	2.6		
PHF	.583	.753	.750	.250	.752	.000	.000	.000	.625	.625	.885	.918	.481	.438	.910	.558	.525	.750	.500	.613	.936
Cars	7	214	176	2	399	0	0	0	5	5	404	215	24	7	650	27	18	19	2	66	1120
% Cars	100	91.1	99.4	100	94.8	0	0	0	100	100	97.6	91.5	96.0	100	95.4	93.1	85.7	79.2	100	86.8	94.7
Trucks	0	21	1	0	22	0	0	0	0	0	10	20	1	0	31	2	3	5	0	10	63
% Trucks	0	8.9	0.6	0	5.2	0	0	0	0	0	2.4	8.5	4.0	0	4.6	6.9	14.3	20.8	0	13.2	5.3



File Name : 13065 Campbell-Lamson PM
 Site Code : 13065
 Start Date : 8/12/2014
 Page No : 1

E-W Street: Lamson St.-VA Hospital Dwyw
 N-S Street: Campbell Street

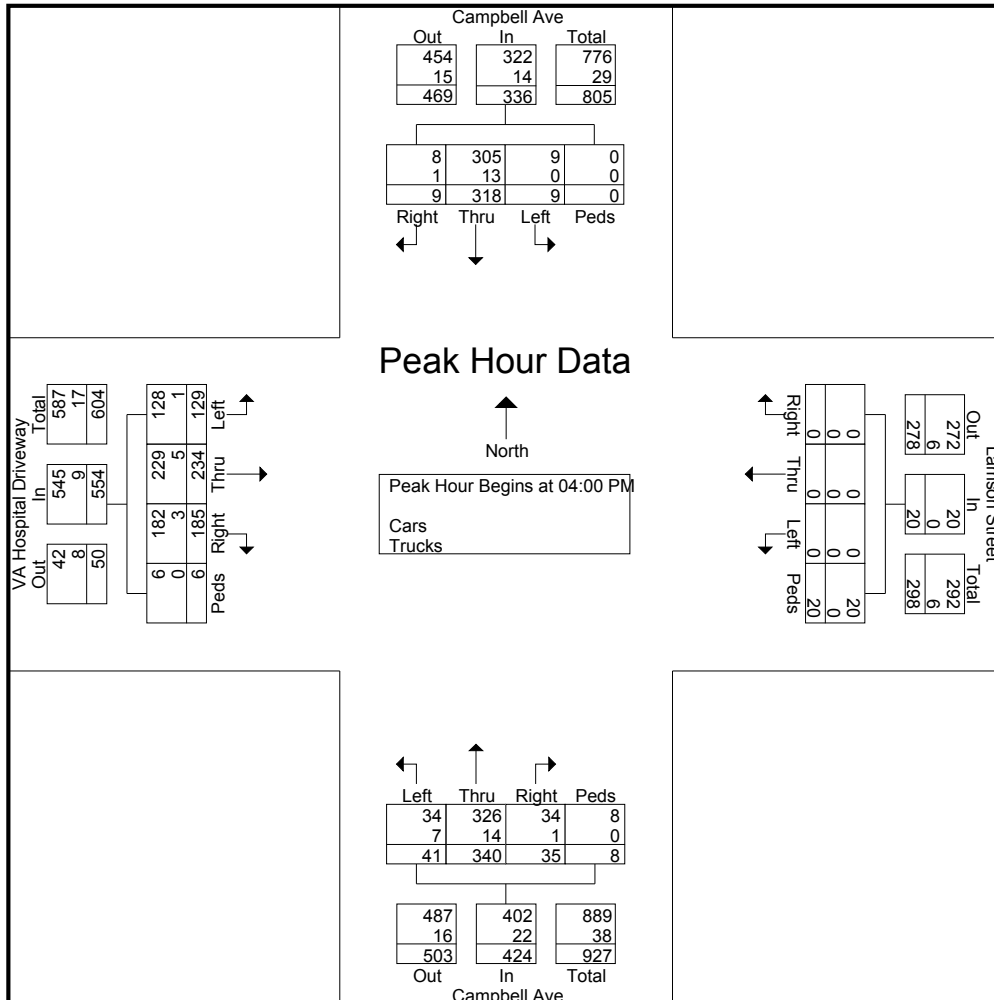
Groups Printed- Cars - Trucks

	Campbell Ave From North					Lamson Street From East					Campbell Ave From South					VA Hospital Driveway From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
03:00 PM	0	74	14	1	89	0	0	1	3	4	19	86	9	1	115	10	18	24	1	53	261
03:15 PM	4	73	15	1	93	0	0	0	4	4	18	96	7	0	121	13	36	23	3	75	293
03:30 PM	4	89	8	0	101	0	0	0	4	4	14	95	12	2	123	25	47	33	0	105	333
03:45 PM	3	78	5	0	86	0	0	0	1	1	12	81	14	3	110	22	33	32	1	88	285
Total	11	314	42	2	369	0	0	1	12	13	63	358	42	6	469	70	134	112	5	321	1172
04:00 PM	4	69	2	0	75	0	0	0	1	1	8	92	7	1	108	38	75	46	2	161	345
04:15 PM	0	72	2	0	74	0	0	0	12	12	12	96	12	4	124	27	62	48	3	140	350
04:30 PM	2	91	3	0	96	0	0	0	1	1	11	71	12	0	94	39	63	58	1	161	352
04:45 PM	3	86	2	0	91	0	0	0	6	6	10	81	4	3	98	25	34	33	0	92	287
Total	9	318	9	0	336	0	0	0	20	20	41	340	35	8	424	129	234	185	6	554	1334
05:00 PM	1	100	4	3	108	0	0	0	6	6	4	78	13	0	95	23	38	32	5	98	307
05:15 PM	4	94	3	0	101	0	0	0	5	5	9	93	8	0	110	11	22	11	1	45	261
05:30 PM	8	88	6	3	105	0	0	0	10	10	4	97	10	6	117	11	19	23	2	55	287
05:45 PM	2	83	0	1	86	0	0	0	5	5	15	80	6	0	101	13	21	9	1	44	236
Total	15	365	13	7	400	0	0	0	26	26	32	348	37	6	423	58	100	75	9	242	1091
Grand Total	35	997	64	9	1105	0	0	1	58	59	136	1046	114	20	1316	257	468	372	20	1117	3597
Apprch %	3.2	90.2	5.8	0.8		0	0	1.7	98.3		10.3	79.5	8.7	1.5		23	41.9	33.3	1.8		
Total %	1	27.7	1.8	0.3	30.7	0	0	0	1.6	1.6	3.8	29.1	3.2	0.6	36.6	7.1	13	10.3	0.6	31.1	
Cars	34	960	62	9	1065	0	0	1	58	59	116	1012	113	20	1261	254	457	362	20	1093	3478
% Cars	97.1	96.3	96.9	100	96.4	0	0	100	100	100	85.3	96.7	99.1	100	95.8	98.8	97.6	97.3	100	97.9	96.7
Trucks	1	37	2	0	40	0	0	0	0	0	20	34	1	0	55	3	11	10	0	24	119
% Trucks	2.9	3.7	3.1	0	3.6	0	0	0	0	0	14.7	3.3	0.9	0	4.2	1.2	2.4	2.7	0	2.1	3.3

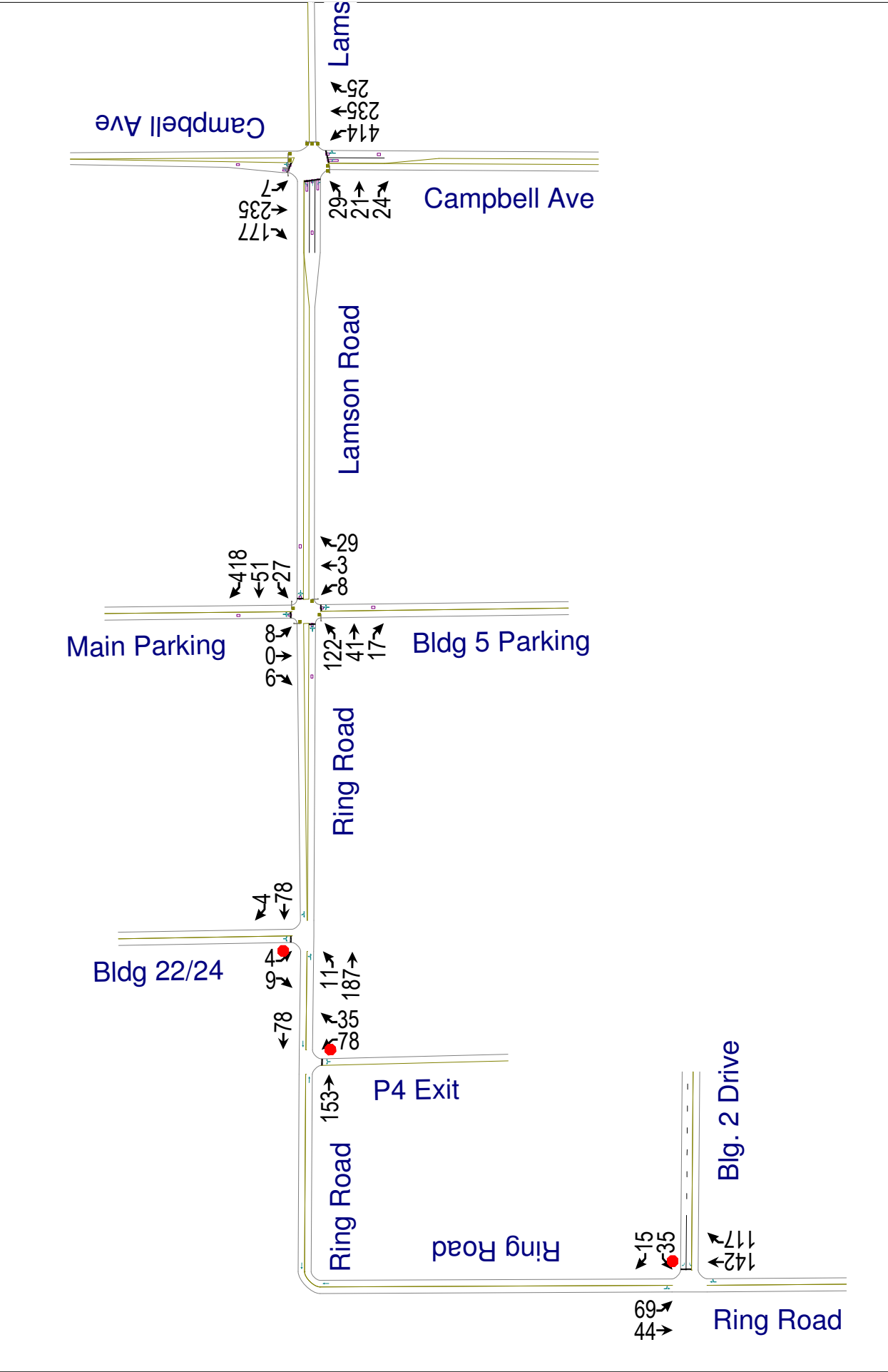
File Name : 13065 Campbell-Lamson PM
 Site Code : 13065
 Start Date : 8/12/2014
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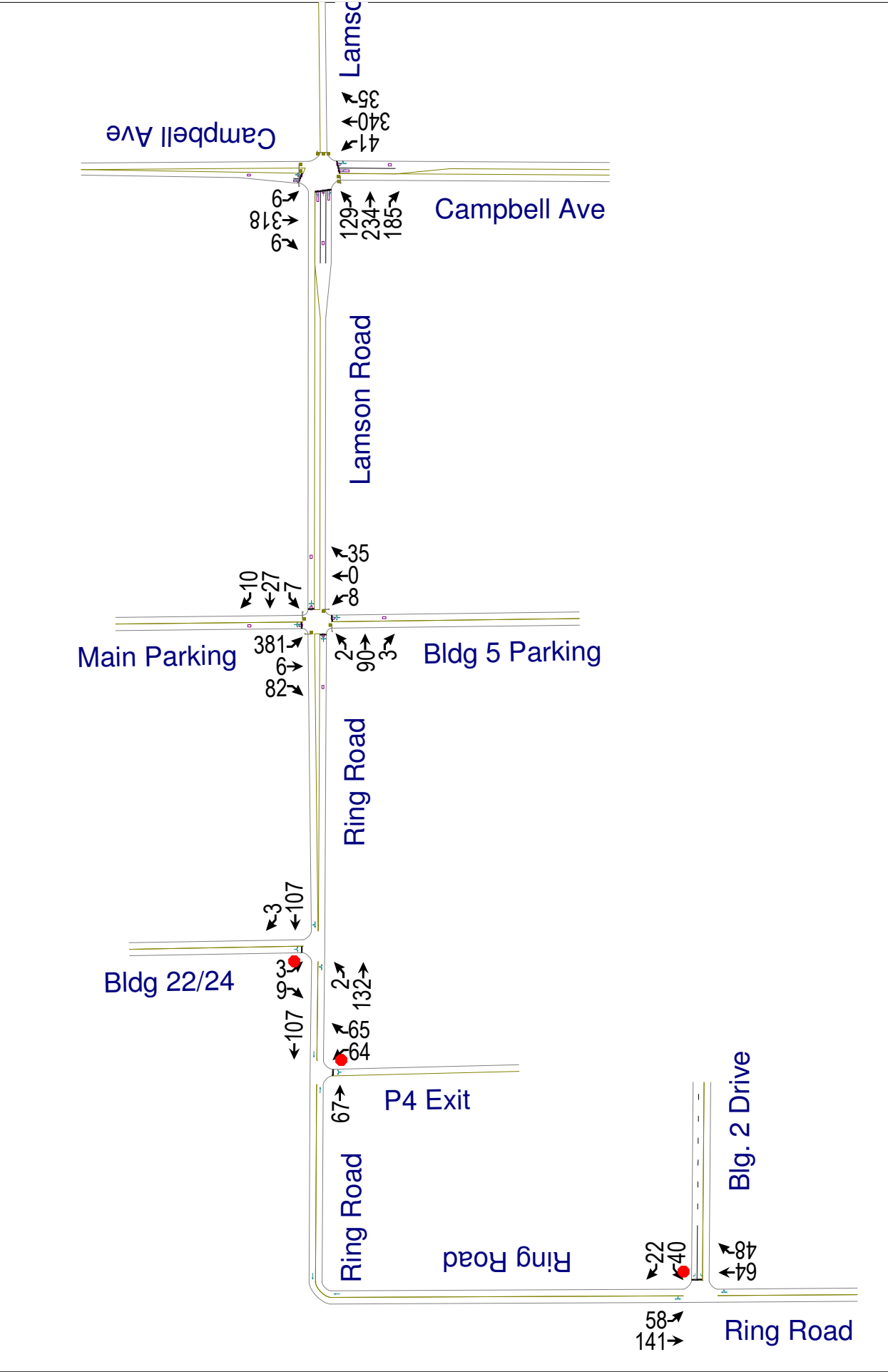
E-W Street: Lamson St.-VA Hospital Dvwy
 N-S Street: Campbell Street

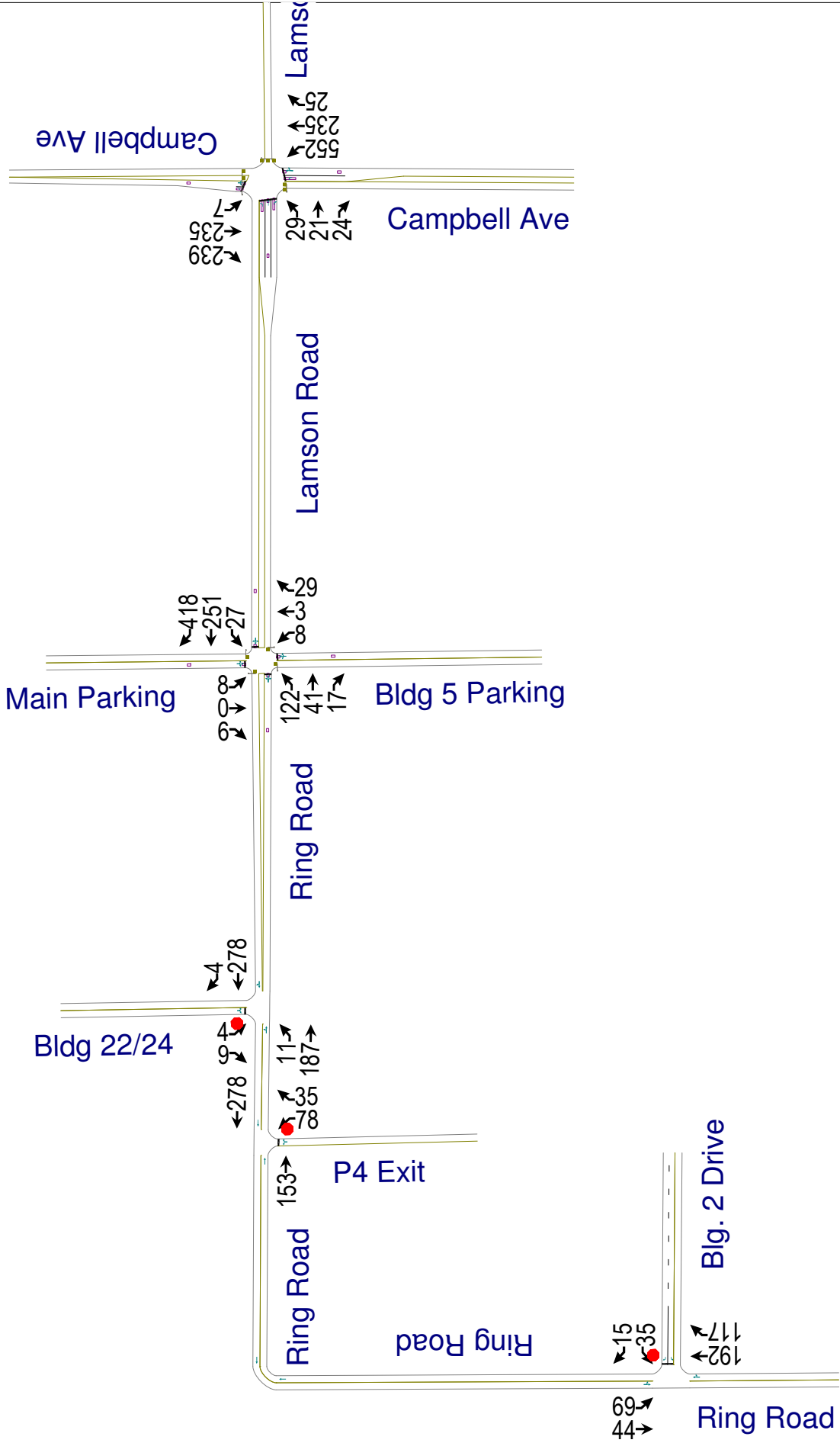
	Campbell Ave From North					Lamson Street From East					Campbell Ave From South					VA Hospital Driveway From West					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	4	69	2	0	75	0	0	0	1	1	8	92	7	1	108	38	75	46	2	161	345
04:15 PM	0	72	2	0	74	0	0	0	12	12	12	96	12	4	124	27	62	48	3	140	350
04:30 PM	2	91	3	0	96	0	0	0	1	1	11	71	12	0	94	39	63	58	1	161	352
04:45 PM	3	86	2	0	91	0	0	0	6	6	10	81	4	3	98	25	34	33	0	92	287
Total Volume	9	318	9	0	336	0	0	0	20	20	41	340	35	8	424	129	234	185	6	554	1334
% App. Total	2.7	94.6	2.7	0		0	0	0	100		9.7	80.2	8.3	1.9		23.3	42.2	33.4	1.1		
PHF	.563	.874	.750	.000	.875	.000	.000	.000	.417	.417	.854	.885	.729	.500	.855	.827	.780	.797	.500	.860	.947
Cars	9	305	8	0	322	0	0	0	20	20	34	326	34	8	402	128	229	182	6	545	1289
% Cars	100	95.9	88.9	0	95.8	0	0	0	100	100	82.9	95.9	97.1	100	94.8	99.2	97.9	98.4	100	98.4	96.6
Trucks	0	13	1	0	14	0	0	0	0	0	7	14	1	0	22	1	5	3	0	9	45
% Trucks	0	4.1	11.1	0	4.2	0	0	0	0	0	17.1	4.1	2.9	0	5.2	0.8	2.1	1.6	0	1.6	3.4

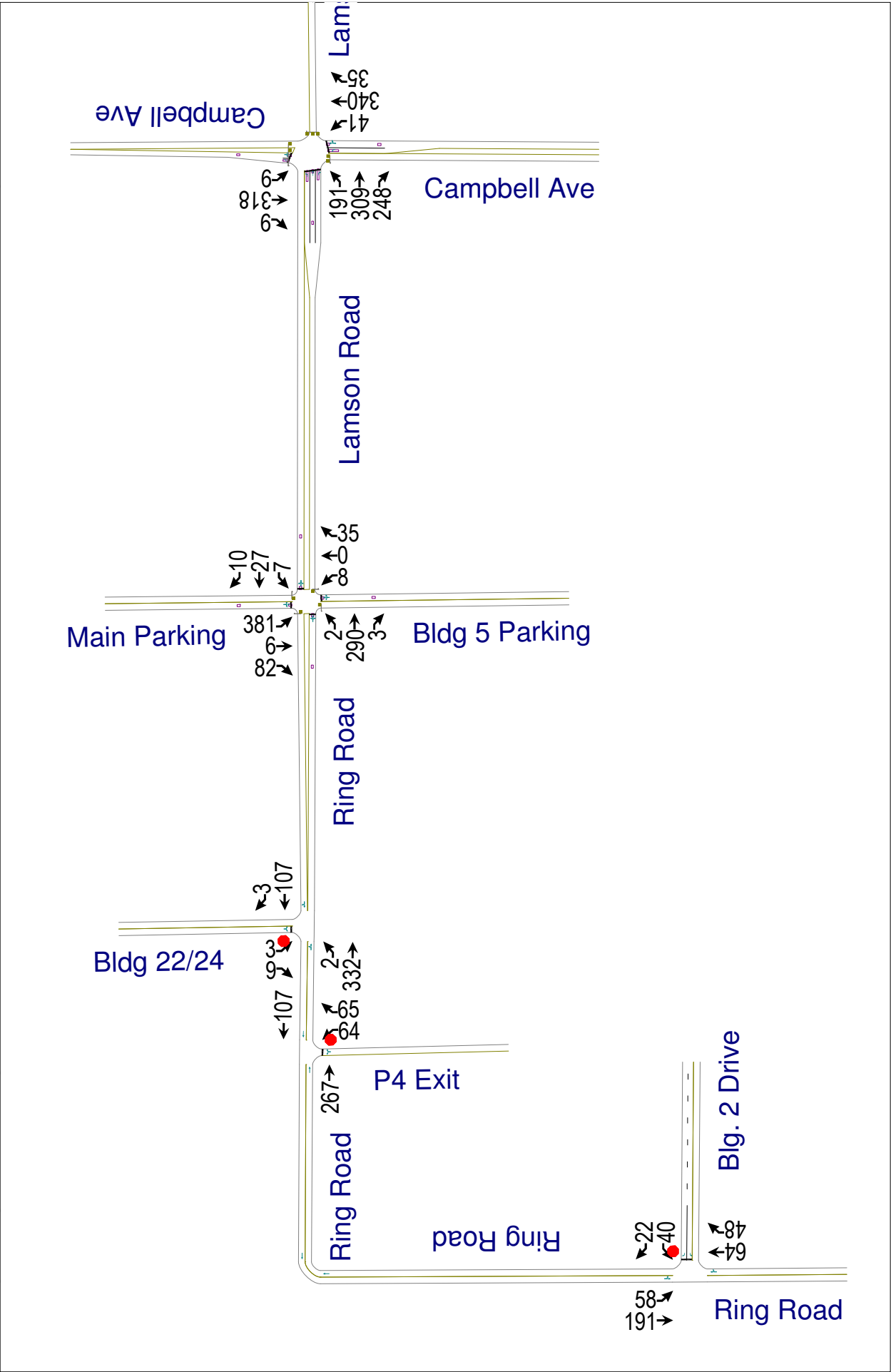


Traffic Flow Networks









Intersection Improvement Sketches

