NC 56

CORRIDOR STUDY

Existing Conditions Report

Submitted to: NC Capital Area MPO

February 2015

NC 56 CORRIDOR STUDY

Table of Contents

Introduction **1**

Study Purpose 1
Study Context 1

Transportation Infrastructure **4**

NC 56 Roadway Design Elements 4
NC 56 Intersections 10
Bridges 11
Sidewalks, Pathways, & Crosswalks 12
Bicycle Facilities 14
At-Grade Rail Crossings 14
System Connectivity 15
Planned & Committed Improvements 15
Current Draft STIP Projects 15
Candidate STI Projects 16

Corridor Travel Demand Characteristics **18**

Historic Traffic Volumes (AADTs) 18
Current Traffic Data 21
Traffic Characteristics 21
Intersection Turning Movement Counts 28
Pedestrian and Bicycle Trips 32
Transit Service 32
Rail 33

Traffic Operations and Quality of Service **34**

Corridor-Level 34
Intersections 37

Safety **43**

Environmental Context **46**

Built Environment 47
Land Use 47
Socio-Economics/Demographics 49
Natural Environment 50
Water Quality 50
Wildlife Resources 51

Relevant Plans **53**

Pedestrian and Bicycle Plans 53
Regional/Long Range Transportation Plans 54
Corridor and Intersection Studies 55
Other Plans, Studies, Policies, and Documents 58

Public Input **61**

Stakeholder Interviews 61
Public Workshop 62

APPENDICES **67**

Appendices

APPENDIX I: Traffic Count Data

APPENDIX II: Level-of-Service Analysis Reports

APPENDIX III: Crash Data & Analysis

Tables

Table No.	Description	Page
Table 1:	NC 56 Historic AADT Trends (by location)	19
Table 2:	Historic AADT Trends for Roads Intersecting NC 56	20
Table 3:	2014* AADTs (tube counts)	22
Table 4:	Truck Percentages (tube counts)	27
Table 5:	NC 56 Truck Percentages (intersection counts)	28
Table 6:	Level of Service Description for Two-Lane Highways	35
Table 7:	Corridor Level of Service Summary for NC 56	35
Table 8:	Travel Time and Delay for NC 56 (Western Segment)	36
Table 9:	Level of Service Description for Intersections	37
Table 10:	Intersection LOS (Western Segment)	41
Table 11:	Intersection LOS (Eastern Segment)	42
Table 12:	Crash Rate Comparison (2009-2011 NC Data, per 100M veh-miles)	43
Table 13:	Key Demographic Information	50
Table 14:	Threatened and Endangered Species	51
Table 15:	Issue Prioritization Results Summary	65

Figures

Figure No.	Description	Page
Figure 1:	NC 56 Corridor Study Subareas	3
Figure 2:	Existing and Planned Pedestrian and Bicycle Facilities	17
Figure 3:	NC 56 Historic Traffic Trends (by location)	19
Figure 4:	Historic Traffic Trends for Roads Intersecting NC 56	20
Figure 5:	NC 56 Corridor Traffic Trends & Forecasts	21
Figure 6:	NC 56 Traffic Peaking Characteristics	23
Figure 7:	NC 56 Traffic Peaking by Direction (west of rail crossing)	24
Figure 8:	NC 56 Traffic Peaking by Direction (west of Lake Rogers)	24
Figure 9:	NC 56 Traffic Peaking by Direction (east North Main Street)	25
Figure 10:	NC 56 Speed Distribution, East of Ledge Creek	26
Figure 11:	NC 56 Speed Distribution, West of Main Street	27
Figure 12:	Base Year (2014) Peak Hour Turning Movement Volumes (Western Segment)	30
Figure 13:	Base Year (2014) Peak Hour Turning Movement Volumes (Eastern Segment)	31
Figure 14:	Corridor Travel Time (Western Segment)	36
Figure 15:	Corridor Delay (Western Segment)	36
Figure 16:	Existing Lane Geometrics and Traffic Control (Western Segment)	38
Figure 17:	Existing Lane Geometrics and Traffic Control (Eastern Segment)	39
Figure 18:	NC 56 Intersection Collisions (by crash type)	44
Figure 19:	NC 56 Environmental Screening	46

NC 56 CORRIDOR STUDY

NC 56 Existing Conditions

Introduction

Study Purpose

The NC 56 Corridor Study is a collaborative project between the Capital Area MPO, the Town of Butner, the City of Creedmoor, Granville County, NCDOT, and the Kerr-Tarr RPO, with the assistance of VHB. This study focuses on a 4.5-mile section of NC 56 between 33rd Street in Butner and Darden Drive in Creedmoor. The goal is to create an attractive, well-functioning road connecting these two municipalities that accommodates the needs of all the residents in the area, adds value to the communities, and enhances economic vitality for the region.

This project will clarify the long-term vision for this corridor, while also identifying opportunities to address existing needs over a shorter timeframe. Current plans recommend widening NC 56 to four lanes by 2040. The study team will re-assess this proposal, as well as considering lower-cost projects that can provide more immediate benefits with minimal disruption to existing residents, businesses, the environment, and long-range plans. An integrated strategy of short-term operational improvements, long-term infrastructure investments, and coordinated land use and development policies will be identified to preserve and enhance environmental resources and the economic vitality of the corridor and the surrounding communities it supports.

Study Context

NC 56 is designated as a Boulevard/Major Thoroughfare in the 2008 Granville County Comprehensive Transportation Plan (CTP). Its current federal functional classification is Rural Major Collector, but NCDOT's draft functional classification update recommends an upgrade to Minor Arterial status. Primarily a two-lane facility, NC 56 provides east-west connectivity across southern Granville County, serving the Town of Butner and City of Creedmoor, in particular. Access to I-85 via NC 56 is especially important, since the next interchange to the north is nearly 11 miles away. Competing with this critical mobility role, however, is the access provided to adjacent commercial, institutional, and residential development.

Average Annual Daily Traffic volumes (AADTs) on NC 56 typically range from 9,000 to 15,000 vehicles per day (vpd), with the highest volumes in the immediate vicinity of the I-85 interchange. There has been little traffic growth over the last decade, and volumes are generally lower now than they were at their high point in 2007. In fact, only the easternmost segment of the study corridor has returned to pre-2008 traffic levels

The base speed limit throughout the corridor is 35 mph. There is a 25-mph school zone at the elementary and high schools, from 7:00 – 8:55 AM and 2:00 – 4:00 PM on school days. Just east of the study corridor, the speed limit increases to 45 mph; immediately to the west there is a special 25 mph zone past the Murdoch Center.

Passing is prohibited through the entire length of the study corridor. Although cross-sections vary, the typical section is two lanes, but there are some three lane sections. Travel lanes are generally 10 feet wide throughout the two-lane segments that comprise the majority of the corridor.

Considering the variations in roadway characteristics and surrounding land uses, it is helpful to divide the study corridor into three segments (see Figure 1):

1. Western Segment (Butner-Creedmoor Road)

This portion of the corridor falls within the jurisdiction of the Town of Butner, extending approximately 1.4 miles from 33rd Street to Millstream Circle. The cross-section consists of two travel lanes and a center two-way left-turn lane (TWLTL) along almost the entire segment. This segment serves Butner's commercial center, primarily highway retail with some institutional and light industrial development fronting or accessing NC 56. This segment contains the only highway interchange and the only at-grade rail crossing in the study corridor.

2. Middle Segment (West Lake Road)

This 1.85 mile segment between Millstream Circle and US 15/North Durham Avenue crosses the boundary between Butner and Creedmoor. This roadway consists entirely of two-lane ribbon pavement with side ditches. Adjacent land use is primarily rural-residential, with substantial undeveloped parcels. Lake Rogers Park is a significant feature of this corridor segment, which includes a bridge over Ledge Creek.

3. Eastern Segment (East Wilton Avenue)

This 1.2 mile segment within the City of Creedmoor extends from US 15 to Darden Drive, and includes a short (approximately 400 feet) dogleg that NC 56 shares with US 15. While primarily a two-lane roadway, this segment includes several lengthy left-turn lanes, and center left-turn lanes between Hawley School Road/Crescent

Drive and Darden Drive. The corridor intersects Main Street at the northern end of the downtown commercial district. Surrounding land use is characterized by mixed-use commercial development, transitioning eastward to more institutional/residential development, dominated by Creedmoor Elementary School and South Granville High School.

Figure 1: NC 56 Corridor Study Subareas

Transportation Infrastructure

NC 56 Roadway Design Elements

This section summarizes vertical and horizontal alignments, cross-sections, and other significant physical features of the NC 56 roadway for each of the three corridor subarea segments.

1. Western Segment

This portion of the corridor extends about 1.4 miles from 33rd Street to Millstream Circle. The cross-section consists of two travel lanes and a center two-way left-turn lane (TWLTL) along essentially the entire segment. While there is a very small amount of curb-and-gutter fronting some more recent development, for all practical purposes the typical section is ribbon pavement with swales and no shoulder or sidewalks.

The alignment is relatively flat from the high point at the I-85 overpass, with estimated average downhill grades of less than one percent to the west of the overpass, and from South Campus Drive to Millstream Circle. Except for a long curve between 33rd Street and West Lyon Station Road, the alignment is also relatively straight.

Looking West at East Lyon Station Road

Driveways are numerous and closely-spaced, many with wide, sweeping radii. There is little interconnectivity, and many establishments have multiple access points - not all of which are clearly defined. There are five signalized intersections, with no cross

walks or pedestrian signals. This segment contains the only highway interchange and the only at-grade rail crossing in the study corridor.

Driveway conflicts are a significant issue in this corridor segment, which includes nearly 40 driveways, 20 of which occur within a span of less than 1500 feet just east of the northbound I-85 ramp. There is little connectivity or shared parking among individual parcels, several of which have multiple and/or poorly-defined driveways.

Driveway traffic conflicts

2. Middle Segment

This 1.85 mile segment between Millstream Circle and US 15/North Durham Avenue consists entirely of two-lane ribbon pavement with side ditches. Travel lanes are approximately 10 feet wide, with no significant shoulders. There are no sidewalks or sidepaths, and no signalized intersections until the end of this segment at US 15.

In the approximately 0.85 miles between Millstream Circle and the Ledge Creek Bridge, elevation drops over 80 feet, yielding an estimated average grade of just under two percent. While this grade is not problematic in itself, its presence on a long curve can lead to vehicle speeds that exceed desirable visibility ranges. The alignment then climbs again for just over one-half-mile, rising approximately 100 feet before cresting between Charles Street/Recovery Road and Brogden Road. Combined with reverse curves and more frequent driveways and intersections, the resulting estimated average slope of three percent yields greater potential for significant speed and visibility problems. The road descends at about a two percent grade over a relatively straight alignment to the intersection with US 15.

Looking east near Holly Drive

Looking west at Lake Rogers Park

Looking west from US 15

3. Eastern Segment

This 1.2 mile segment extends from US 15 to Darden Drive, and includes a short (approximately 400 foot) dogleg that NC 56 shares with US 15. While primarily a two-lane roadway, this segment includes several lengthy left-turn lanes, and TWLTLs between Hawley School Road/Crescent Drive and Darden Drive. Most of this segment has no functional shoulders, and travel lanes are 10 to 12 feet wide, with the narrower lanes typical of the older, unimproved portions. This corridor segment consists of relatively straight alignments, with some undulating vertical curves between Main Street and Hawley School Road/Crescent Drive.

Large utility lines and frequent poles are located close to the roadway, and particularly along the western portion of this segment there are numerous driveways, some unpaved. In several locations, driveways extend as continuous aprons along the entire frontage of an establishment, including around the corners of intersecting roadways. Such configurations have negative impacts on traffic capacity and safety for both vehicles and pedestrians.

Although sidewalks have been recently constructed along most of this segment, they are present on only one side of the road, alternating sides four times. The distance of these sidewalks from the edge of pavement varies considerably; curb-and-gutter has been installed in some locations, with sidewalk either against the back of curb or within two feet.

Looking north at West Lake Road

Looking west towards US 15

Lack of access management, looking west towards North Main Street

New development, northwest corner of NC 56 & North Main Street

Driveway and pedestrian issues, northeast corner of North Main Street & NC 56

Looking east from Creedmoor Gymnasium & Activity Center

NC 56 Intersections

NC 56 currently intersects 25 public streets along the corridor study area, including both sets of ramps at the I-85 interchange. Eight are signalized; for all but one of the remainder, the intersecting road is STOP-controlled. The one exception is the intersection at North Durham Avenue (US 15) and East Wilton Avenue (NC 50), where NC 56 makes one of two right-angle turns along a short stretch of US 15 (North Durham Avenue). At this location, westbound NC 56 (East Wilton Avenue) is STOP-controlled.

As part of traffic analysis, peak-period turning-movement counts were collected at all of the signalized intersections, as well as the unsignalized North Durham Avenue (US 15) and East Wilton Avenue (NC 50) intersection.

Signalized Intersections

- 33rd Street (SR 1112)
- I-85 southbound ramps
- I-85 northbound ramps
- West Lyon Station Road (SR 1237)
- East Lyon Station Road (SR 1108)
- North Durham Avenue (US 15)/Lake Road (SR 1736)
- North Main Street (NC 50/SR 1639)
- Crescent Drive (SR 1640)/Hawley School Road (SR 1733)

Unsignalized Intersections

- South Campus Drive
- Capitol Drive
- Washington Drive (SR 1672)
- Pond Drive
- Millstream Circle
- Birch Drive
- Holly Drive
- Recovery Road/Charles Street
- Stem Road/Brogden Road (SR 1127)
- Pine Street
- Douglass Drive
- Crescent Heights Drive
- Bowman Road (SR 1729)
- Ascot Drive
- North Durham Avenue (US 15) at East Wilton Avenue (NC 50)
- Darden Drive (SR 1733)

Bridges

NC 56 crosses two bridges in the study corridor:

Ledge Creek Bridge

As of June 2014, this bridge is listed with a Sufficiency Rating of 65.7 percent, with no load limitations. However, it has been recently posted with a 38 ton limit. Built in 1967, it has been determined to be Functionally Obsolete - meaning that while it may not be unsafe or structurally unsound, its design does not allow it to function adequately under current conditions and standards. Such deficiency may be attributed to narrow width, lack of emergency shoulders, inadequate traffic capacity, occasional flooding, lack of pedestrian/bicycle accommodations, or load limitations. In this particular case, the bridge railings, approach guardrails and guardrail ends, and transitions all fail to meet currently acceptable standards. In 2012, the deck, superstructure, and substructure were all rated in fair or satisfactory condition. Due to narrow width, low guardrails, and high traffic volumes and speeds, this bridge is unsuitable for pedestrian access.

Ledge Creek Bridge, looking west (L) and east (R)

I-85 Bridge

This bridge, constructed in 1969 is listed on the NCDOT website as having a Sufficiency Rating of 90.5 percent as of June 2014. In 2012, the condition of the deck,

superstructure, and substructure were all rated as fair. Although the bridge deck itself is wide enough to accommodate pedestrian/bicycle facilities, the transitions

I-85 Bridge, looking east

across wide ramp intersections, low guardrails, lack of connectivity, and high traffic volumes and speeds render this bridge unsuitable for pedestrian use in its present condition.

Sidewalks, Pathways, & Crosswalks

With the exception of relatively new sidewalks and crosswalks in the Eastern Segment, most of the corridor lacks sidewalks or other pathways, crosswalks, and pedestrian signs or signals. The new sidewalks (fronting Creedmoor Elementary School, South Granville High School, and the recently-constructed Walgreens) are close to curb in some places, and are not continuous. They appear somewhat further disjointed due to sharply varying setback distances. These sidewalks are present on only one side of the road, but that side alternates, requiring two unsignalized crosswalks east of North Main Street. Neither crosswalk is at a major intersection. The sidewalk in front of Walgreens on NC 56 does not currently connect with other sidewalks.

Looking east at midblock crossing at Creedmoor Elementary

Sidewalk, looking east from Douglass Drive

Pedestrian issues, looking west at North Main Street

Looking west at Hawley School Road

Bicycle Facilities

There are currently no bicycle facilities along this portion of NC 56, either on-street or off-street. In its present condition, NC 56 is not conducive to safe or comfortable on-road bicycle travel, due to narrow lanes and inadequate shoulders, high traffic speeds and volumes, and frequent driveway conflicts.

At-Grade Rail Crossings

The only at-grade rail crossing of NC 56 (FRA Crossing #734902H) is near the western end of the study area, approximately 800 feet west of West Lyons Station Road. This Norfolk Southern main line typically sees one freight train daily, with a maximum speed of 25 mph through the crossing. The crossing surface is asphalt and flange.

The crossing has advanced warning signs, stop bars and railroad crossing pavement markings, two pairs of mast mounted flashers, and two gate arms. There is no interconnection with nearby traffic signals.

No train-related crashes have been recorded at this crossing since 1984. An estimated 14 school bus crossings occur on a typical school day.

System Connectivity

Drivers traveling east-west have few options other than NC 56, due to a lack of continuous parallel routes and connectivity between local roads and collectors that intersect NC 56. This is due in part to the effect of I-85 and Ledge Creek/Lake Rodgers as barriers to road construction. On the other hand, the absence of other convenient interchanges for accessing I-85 tends to funnel additional traffic onto NC 56. As a result of this lack of connectivity (at both regional and local scales), many trips using NC 56 are taking somewhat indirect routes, using NC 56 as a link between two other roads. This creates high proportions of turning movements along NC 56, reducing capacity and increasing congestion, delay, and conflicts that lead to crashes.

Planned & Committed Improvements

The following sections describe a number of projects that directly or indirectly affect – or are affected by– travel in the NC 56 corridor.

Current Draft STIP Projects

The Draft 2016-2025 State Transportation Improvement Program (STIP) recently released by the NCDOT includes several projects of critical relevance to the NC 56 Corridor Study. The nature, purpose, and schedule of each project is summarized below. Also included are several projects from earlier STIPs which are currently being implemented.

U-5829 – 26th St/Telecom Rd Connector

This 0.77-mile project improves and extends Telecom Road from East Lyons Station Road westward via a new I-85 overpass, ultimately connecting with improved and realigned 26th Street/Wilkins Road. This project would relieve traffic on NC 56, improve access to potential development on both sides of I-85, and provide safer, more convenient bicycle and pedestrian connectivity. Construction is scheduled for FY 2022.

The proposed design is for a 35 mph major collector with a two-lane, undivided, curb-and-gutter cross-section with 12-foot travel lanes and 4-foot paved shoulders. Bike lanes and sidewalks are also included.

R-5707 – NC 56 Improvements at US 15 & NC 50 Intersections

Building on the 2011 Creedmoor Intersection Study, this project realigns and reconfigures three intersection to improve traffic flow, pedestrian mobility, and safety for all modes. Enhanced access and appearance will also support redevelopment plans in this portion of Creedmoor's urban core. Construction is scheduled for FY 2019.

C-5166 – Creedmoor Greenway (NC 56)

Already underway, this project continues Creedmoor's bicycle/pedestrian system along the NC 56 Corridor. Work is scheduled for completion in FY 2016.

This project complements two others already under construction by the Town of Creedmoor, part of the **Cross City Trail (C-5144)** and the **"Hike and Bike" Spur (C-5114)**.

C-5567 – East Lyon Station Greenway

Part of the Town of Butner Greenway System, this extension will be completed in 2016.

Candidate STI Projects

The following projects are not in the current STIP, but have been submitted as part of the Strategic Transportation Investment (STI) process. All are from adopted plans or have been submitted by NCDOT Division 5, and are anticipated to remain priorities.

NC 56 Widening between I-85 & US 15

This project would widen NC 56 to a four-lane curb-and-gutter 45 mph facility with a 23-foot raised median, bike lanes, and sidewalks from US 15 through the I-85 interchange—a distance of 2.8 miles. Travel lanes would be 12 feet wide, with 4-foot paved shoulders.

This project would increase safety and mobility for all modes, but would involve some constraints to vehicular access. Streetscape elements could also enhance the appearance of the corridor.

New Service Road west of I-85 (Gate 2 Rd to West Lyon Station Rd)

The proposed 2.3-mile service road would serve future commercial and residential development in a strategic part of Butner. It would create a vital link with the U-5829 connector, and would affect travel demands along the NC 56 corridor.

The cross-section recommended for this 35 mph major collector consists of two undivided 12-foot lanes, with bike lanes, paved 4-foot shoulders, curb-and-gutter, and sidewalks.

Hawley School Road Safe-Routes-to-School

This project would construct a greenway/multi-use path along Hawley School Road from Brassfield Road to US 56, and would require a pedestrian/bicycle crossing of NC 56 to connect with existing facilities.

Figure 2 shows existing and planned pedestrian and bicycle facilities in the area.

Figure 2: Existing and Planned Pedestrian and Bicycle Facilities

Corridor Travel Demand Characteristics

This section summarizes characteristics of travel in the study corridor, including historic and current average annual daily traffic volumes (AADTs) and associated trends; truck/heavy vehicle volumes; traffic speeds; time-of-day characteristics; peak-period turning movements at signalized intersections; and relevant attributes of pedestrian, bicycle, transit, and rail modes.

Historic Traffic Volumes (AADTs)

NCDOT's count program provides a consistent source of data for assessing traffic volume trends over a sustained period. Six NC 56 count locations were identified in the study area, in most cases yielding at least semi-annual data points between 2000 and 2013. These results are summarized in Table 1 and Figure 3.

The most significant trend for traffic volumes on NC 56 is the apparent lack of any persistent trend. Specific locations experienced both increases and decreases in traffic volumes since 2002, with the overall trend being one of slight traffic reduction. For each location, the highest traffic volumes occurred in 2006 or 2007, and 2007 was the year in which the volume of traffic along the entire corridor peaked. Volumes generally fell until 2010, and have been somewhat erratic since then. However, all 2013 traffic volumes remain significantly lower than peak 2006-2007 volumes.

This trend is not limited to traffic on NC 56. Table 2 and Figure 4 provide comparable summaries of AADT trends for roads intersecting NC 56 in the study corridor. The results are similar, with minor annual variations and an overall flat trend. The major difference is the lack of a distinct peak in traffic volumes in 2006-2007 (or any other period); there is much less "noise" in this data.

Similar patterns have been observed in other regions, and across the nation as a whole. While partly attributable to the 2008 economic downturn, growing evidence supports the existence of a more sustained shift in travel behavior, both nationally and regionally. This shift results from the convergence of long-term demographic, social, technological, and economic trends. However, major changes in local land use, economic development, and transportation infrastructure or service can generate localized impacts that run counter to these more generalized trends.

Figure 5 contrasts the linear-regression trend line derived from averaged historic NC 56 AADTs with corresponding averaged volumes from the Triangle Regional Model. Clearly, the trend line forecast is unrealistically low, but it also appears that the model volumes may be too high —at least in the near/medium term— unless significant new development occurs. The takeaway is that long-range forecasting of traffic volumes is becoming more difficult and uncertain, requiring a careful, strategic approach incorporating validation of assumptions, sensitivity analysis and scenario testing.

Table 1: NC 56 Historic AADT Trends (by location)

Location	2002	2004	2006	2007	2008	2010	2012	2013
W of W Lyon Sta	13,000	13,000	14,000	14,000	12,000	11,000	13,000	11,000
W of I-85	13,000	13,000	15,000	20,000	14,000	--	13,000	15,000
E of I-85	16,000	16,000	17,000	17,000	15,000	14,000	15,000	13,000
E of Brogden	11,000	10,000	11,000	12,000	11,000	10,000	11,000	9,700
E of US 15	--	6,800	10,000	8,700	8,600	7,300	8,900	8,500
E of N Main	9,000	7,800	11,000	12,000	11,000	9,500	12,000	12,000

Figure 3: NC 56 Historic Traffic Trends (by location)

Table 2: Historic AADT Trends for Roads Intersecting NC 56

Road	Location	2002	2004	2006	2007	2008	2010	2012	2013
Lake St	E of US 15	5,900	5,400	5,800	5,600	5,300	4,600	5,200	--
I-85	N of NC 56	33,000	29,000	31,000	31,000	28,000	30,000	28,000	32,000
	S of NC 56	33,000	29,000	30,000	30,000	28,000	30,000	29,000	32,000
US 15	N of N Main	3,200	5,400	4,700	4,600	4,500	4,600	4,200	4,500
	N of Wilton	3,200	3,200	2,400	2,200	2,300	2,500	2,100	2,200
	S of Lake	5,700	4,500	5,000	5,000	5,100	4,200	5,200	6,000
NC 50	S of Lake	11,000	10,000	11,000	10,000	11,000	10,000	11,000	10,000
Brogden Rd	N of NC 56	1,300	1,300	1,400	--	1,400	1,300	1,300	--
Hawley School	S of NC 56	830	510	1,100	1,200	1,200	550	1,300	--

Figure 4: Historic Traffic Trends for Roads Intersecting NC 56

Figure 5: NC 56 Corridor Traffic Trends & Forecasts

Current Traffic Data

VHB collected traffic data at a number of locations along the corridor in November and December 2014. This data is summarized and discussed below.

Traffic Characteristics

2014 Average Annual Daily Traffic (AADT) Volumes

Tube counters were placed at the following five locations:

1. US 56, between 33rd Street and the railroad crossing
2. US 56, approximately 2,200 feet west of the Ledge Creek Bridge
3. US 56, approximately 100 feet east of Main Street
4. US 15, approximately 250 feet north of Sunset Street
5. US 56, just east of Darden Drive

The resulting traffic counts were adjusted using the appropriate NCDOT seasonal and day-of-week factors to obtain annul daily traffic volumes (AADTs). Table 3

summarizes the results, and compares them against 2013 NCDOT counts at nearby locations. Overall, the NC 56 counts at these locations grew between 2.0 percent and 2.7 percent between 2013 and 2014, averaging about 2.5 percent overall. Traffic growth on US 15 just north of NC 56 was higher in percentage terms, but given the much lower volumes at this location, the difference is not significant.

Table 3: 2014 AADTs (tube counts)

Location	2013	2014*
1. NC 56 west of Railroad Tracks[1]	11,000	11,300
2. NC 56 west of Ledge Creek[2]	9,800	10,000
3. US 15 north of East Wilton Street[2]	2,200	2,500
4. NC 56 west of Creedmoor Elementary[2]	12,000	12,300
5. NC 56 east of Darden Drive[1]	---	9,800

* Includes counts collected first week of 2015
[1] Collected Tuesday, 12/02/2014 – Wednesday, 12/03/2014
[2] Collected Tuesday, 01/06/2015 – Wednesday, 01/07/2015

Peaking Characteristics

The 48-hour counts obtained using the tube counters at the above locations also yield valuable information about the hourly distribution of traffic (its peaking characteristics), as well as directional variations in demand. Figure 6 depicts the variations in total (two-way) traffic volumes throughout the day at three locations (one in each segment), as well as a corridor-wide composite or average hourly distribution.

Figure 6: NC 56 Traffic Peaking Characteristics

The location east of NC 50 (between North Main Street and Creedmoor Elementary School) exhibits a very high spike in the morning, with a distinctive midday "saddle" shape and a long, gradual increase into the evening. In contrast, the more westerly portions the corridor have substantially lower morning peaks, and midday traffic levels meet or exceed volumes during the morning peak. These variations are attributable to differences in surrounding land uses. Highway retail establishments are concentrated to the west because of convenient access to I-85 and to large numbers of employees (and more recently, community college students). The resulting lunchtime trips explain the midday surge in traffic; shift work and interstate traffic patterns also contribute. To the east, the elementary and high schools, combined with development that is more residential and less commercial, lead to a very different pattern of traffic peaks.

Total traffic volumes do not tell the entire story, however. Directional variations can also have significant impacts on traffic congestion. Figure 7 through Figure 9 depict traffic levels in opposing directions throughout the day at each of the three locations shown in Figure 6. At the corridor's western end, westbound traffic is much heavier than eastbound in the morning; the situation reverses in the evening. Although the combined (two-way) midday peak is higher than in the morning, it is almost evenly split by direction; midday directional peaks are much lower than corresponding morning or evening peaks. The middle segment exhibits a similar pattern, though less directionally imbalanced, while the easternmost portion of the corridor experiences the most extreme directionality in traffic demand.

Figure 7: NC 56 Traffic Peaking by Direction (west of rail crossing)

Figure 8: NC 56 Traffic Peaking by Direction (west of Lake Rogers)

Figure 9: NC 56 Traffic Peaking by Direction (east North Main Street)

The variation in these travel demand patterns suggests different traffic volume scenarios or peak periods may need to be considered when performing capacity analysis, and in designing potential solutions. With respect to traffic peaking characteristics, the corridor is not uniform throughout its length. The degree to which this characteristic persists into the future depends largely on land use changes, both inside and outside the corridor. Assumptions regarding the location, nature, and magnitude of must be carefully considered in forecasting design year traffic volumes.

Vehicle Speeds

Vehicle speeds were recorded at two locations along NC 56, throughout two mid-week days in early December 2014. Both locations are posted at 35 mph, but the second site is 600 feet from a 25 mph school zone. Speed data was also collected at two other locations along NC 56 – just east of 33rd Street, and just east of Darden Drive. However, various constraints—including nearby intersections, driveways, pedestrian crossings, railroad crossings and speed zone transitions, as well as some significant horizontal/vertical curvature—resulted in travel speeds well below the posted limits in these locations, so they are not included in this discussion.

- Location 1 is approximately 2,200 feet west of the Ledge Creek Bridge. Being on a long grade in a relatively undeveloped stretch of the corridor, it was anticipated that speeds here would be among the highest.

- Location 2 is approximately 100 feet east of Main Street, and about 600 feet west of the school zone. It was assumed that speed here would be more moderate. In addition. The effect of the school zone on travel speeds was checked by comparing speeds when the 25-mph limit was in effect (7:00 – 8:55 AM and 2:00 – 4:00 PM) against those recorded when it was not. Only a slight impact was measured.

As expected, the speeds recorded at Location 1 were significantly higher than those at Location 2, although both exhibited mean speeds and 85th-percentile speeds well above the posted 35 mph limit. (The 85th-percentile speed is the speed exceeded by 15 percent of observed vehicles; 85th-percent of traffic travels at speeds below the 85th-percentile speed. This value has historically been considered a reasonable speed limit.) Interestingly, speeds were slightly higher in the westbound (uphill) direction. This may be attributable to the curve at the bottom of the hill and the narrow bridge suppressing eastbound (downhill) speeds. Overall, the 85th-percentile speed at this location was 46 mph, a value more typical of a road with a 45 mph speed limit.

At Location 2, it was not surprising to see slightly higher westbound speeds, since these vehicles would be exiting the school zone, while eastbound traffic would be expected to brake upon approaching the schools. Here again, the 85th-percentile speed of 43 mph is significantly higher than the posted speed. When the 25 mph limit was in effect, the 85th-percentile speed was about 1 mph lower.

Figure 10 and Figure 11 represent the distribution of observed speeds at each location, by direction.

Figure 10: NC 56 Speed Distribution, East of Ledge Creek

Figure 11: NC 56 Speed Distribution, West of Main Street

Truck Volumes / Freight Movement

Two methods were used to collect truck (or heavy vehicle) volumes. Tubes were placed at three locations, recording vehicle classification counts (axle counts) over a period of two weekdays in early December 2014. Data is divided into single unit trucks, which have two or more axles but no towed trailer, and truck tractor semitrailers (TTST), which are trucks towing separate trailer units.

Table 4 summarizes the results of this data collection effort.

Table 4: Truck Percentages (tube counts)

Location	Single Unit	TTST	All Trucks
1. NC 56 west of Railroad Tracks	5.0%	2.3%	7.3%
2. NC 56 west of Ledge Creek	5.2%	1.6%	6.8%
3. US 15 north of East Wilton Street	6.9%	5.2%	12.1%
4. NC 56 west of Creedmoor Elementary	5.5%	2.0%	7.5%
5. NC 56 east of Darden Drive	7.5%	2.1%	9.6%

Trucks were also counted as part of the turning movement data collected at nine signalized intersections. Table 5, shows truck percentages during the peak periods only.

Table 5: NC 56 Truck Percentages (intersection counts)

Location	Single Unit	TTST	All Trucks
NC 56 east of 33rd St[1]	2.3%	2.2%	4.5%
NC 56 west of I-85[1]	2.0%	2.2%	4.2%
NC 56 east of I-85[1]	2.4%	2.0%	4.4%
NC 56 west of US 15[2]	1.2%	1.5%	2.7%
NC 56 east of US 15[2]	6.0%	2.3%	8.3%
NC 56 east of Crescent Dr[1]	2.1%	2.2%	4.3%

1 Collected 7 AM – 9 AM, 11 AM – Noon, and 4 PM - 6 PM
2 Collected 7 AM – 6 PM

Altec Industries, off Duck Pond Road, is probably the largest single generator of truck traffic in the corridor, due not only to the scale of its production, but also because each of the tracks assembled there must be road-tested. Other light-industrial establishments off of East Lyon Station Road also contribute to truck volumes in the corridor, as do deliveries to various retail, commercial, and institutional establishments throughout the corridor. A large share of the truck traffic on this portion of NC 56, however, consist of trips through the corridor, going to/from I-85.

Intersection Turning Movement Counts

VHB collected intersection turning movement counts in November, 2014, at nine locations along NC 56. All but one of the intersections (US 15/North Durham Avenue and NC 56/East Wilton Avenue) are signalized. Detailed summary of the traffic counts can be found in Appendix I.

Intersection turning movement counts were collected in two groups. The first group consisted of manual counts performed on Wednesday, November 19 or Thursday November 20, during three two-hour peak periods: 7:00 AM – 9:00 AM (morning); 11:00 AM – 1:00 PM (midday); and 4:00 PM – 6:00 PM (evening). This group consisted of the following signalized intersections with NC 56:

- 33rd Street (SR 1112)
- I-85 southbound ramps
- I-85 northbound ramps
- West Lyon Station Road (SR 1237)
- East Lyon Station Road (SR 1108)
- Crescent Drive (SR 1640)/Hawley School Road (SR 1733)

The second group of turning movement counts were obtained using MioVison cameras recording continuously from 7:00 AM until 6:00 PM on Wednesday, November 5, 2014, at the following NC 56 intersections:

- North Durham Avenue (US 15)/Lake Road (SR 1736)
- North Durham Avenue (US 15) (unsignalized)

- North Main Street (NC 50/SR 1639)

The existing AM, Midday, and PM peak hour turning movement volumes are shown in Figure 12 and Figure 13.

Figure 12: Base Year (2014) Peak Hour Turning Movement Volumes (Western Segment)

Figure 13: Base Year (2014) Peak Hour Turning Movement Volumes (Eastern Segment)

Pedestrian and Bicycle Trips

No data on pedestrian and bicycle travel was collected as part of this study, unless captured in the intersection turning movement counts. It is unlikely that even if collected, such data would prove useful in assessing demand for such travel, due to the lack of safe, convenient, and continuous pedestrian facilities, or of fixed-route bus service. However, there is certainly latent demand for pedestrian, bicycle, and transit trips, given the presence of significant potential generators of such trips along the NC 56 corridor, including:

- South Granville Public Library
- Vance-Granville Community College – South Campus
- South Granville Medical Center
- Various churches
- Lake Rogers Park
- South Granville Senior Center, Creedmoor Gymnasium & Activity Center, and Battle C. Roberts Ballfield
- Creedmoor Elementary School
- South Granville High School

While the current lack of pedestrian and bicycle facilities obviously hinders the potential success of increased transit service, the main obstacle to effective transit is probably the low density of current development patterns. Although a number of residential units, retail establishments, and various service providers are present in the corridor, most are in dispersed suburban-style neighborhoods and isolated or strip-highway commercial developments. There is little residential stock in the immediate vicinity of the corridor's commercial core. However, a variety of local planning efforts (including land use, comprehensive, small area, and parks and recreation plans cited later in this report) all recommend steps that would encourage more walkable, mixed-use development where appropriate, as well as a comprehensive system of greenways connecting expanded park and recreation facilities.

Transit Service

Kerr Area Regional Transit System (KARTS) is the transit provider for the four counties that are members of the Kerr Area Transportation Authority – Granville, Vance, Warren, and Franklin counties – which includes the NC 56 Corridor study area. The service is primarily a demand-response service, focusing on the needs of seniors, individuals with disabilities, and low-income individuals. Most of these demand-response trips are contracted services – frequently medical and social services trips. KARTS also operates deviated fixed-route services in the Town of Henderson and Town of Oxford. Service hours for ride scheduling are 8:00 AM to 5:00 PM, with previous day notice needed for scheduling a ride. General public fares

are distance based and range from $8 to $25. In 2010, 127,836 passenger trips were made using the demand-response service, and 21,396 passenger trips were made using the deviated fixed-route service.

Rail

On a typical day, the Norfolk Southern rail line crossing NC 56 between 33rd Street and West Lyons Road carries a single freight train.

Traffic Operations and Quality of Service

There are a variety of ways to measure the performance of a transportation facility. Transportation professionals typically rely on guidance from the Highway Capacity Manual, which describes performance from the traveler point of view that is designed to be useful to roadway operators, decisions makers and member of the community. Individuals may travel along NC 56 via personal vehicle, walking, bicycling, or via transit, each of which can be quantitatively measured using standard criteria such as delay, average speed, percent time spent following or other measures. The dominant form of transportation currently along NC 56 is by vehicles, either personal vehicle or commercial trucks. As a result, this section covers traffic operations along the corridor on both a corridor basis as well as an intersection basis. Given the low volume of pedestrian and bicycle trips, and the lack of dedicated facilities, no meaningful assessment of bicycle operations is available.

Corridor-Level

As stated earlier, this corridor has been divided into three individual subareas, or segments. The three segments were all assessed as a Class III two-lane highway using Highway Capacity Software Plus (HCS+). The western segment of this corridor is more developed and contains more access points, intersections, per mile than the middle and eastern segments. For those reasons, the western segment was evaluated using SimTraffic in addition to the HCS assessment.

There are two main classes for two-lane highways, Class I and Class II, and an alternative class, Class III. A Class III highway normally serves moderately developed areas, may pass through small towns or developed recreational areas, and high speeds are not expected along Class III highways. The three segments have been classified as a Class III Two-Lane Highway for this study.

Segmental corridor analyses were conducted using the Highway Capacity Software Plus (HCS+) software package. Segmental corridor level of service results are a reflection of daily operations, however, peak hour parameters are taken into account. To analyze segments, various parameters are accounted for including daily volume, lane width, shoulder width, peak hour directional split, terrain type, access point density and truck percentages. Table 6 summarizes the level of service criteria as it relates to percent time-spent following (PTSF) for Class I and II facilities, and percent of free-flow speed (PFFS) for Class III facilities.

Table 6: Level of Service Description for Two-Lane Highways

Level of Service	Class I Highways		Class II Highways	Class III Highways
	ATS (mi/h)	PTSF (%)	PTSF (%)	PFFS (%)
A	>55	<=35%	<= 40	>91.7
B	>50 - 55	35% - 50%	>40-55	>83.3-91.7
C	>45 - 50	50% - 65%	>55-70	>75.0-83.3
D	>40 - 45	65% - 80%	>70-85	>66.7-75.0
E	<= 40	>80%	>85	<=66.7
F	Flow rate exceeds segment capacity	Flow rate exceeds segment capacity	Flow rate exceeds segment capacity	Flow rate exceeds segment capacity

Table 7 summarizes the two-lane highway, corridor level of service, HCS analysis results of each segment during the AM, Midday and PM peak hours. For this study, the determination of level of service (LOS) is dependent on percent free-flow speed, as vehicles do not have the opportunity to pass other vehicles on this highway.

Table 7: Corridor Level of Service Summary for NC 56

Location	AM Peak			Midday Peak			PM Peak		
	Segment LOS	Ave. Speed (mph)	PFFS (%)	Segment LOS	Ave. Speed (mph)	PFFS (%)	Segment LOS	Ave. Speed (mph)	PFFS (%)
Western Segment	D	28.5	72.2	D	27.0	68.5	E	25.1	63.7
Middle Segment	C	31.5	76.7	D	30.4	74.1	D	29.0	70.4
Eastern Segment	C	29.2	75.3	C	31.0	79.9	D	26.7	68.7

As stated previously, the western segment of this corridor is more developed and was therefore evaluated using SimTraffic, simulation software, to further investigate the operations during each peak hour. During the simulation, severe queuing that greatly increased the travel time and delay for drivers, traveling eastbound during the AM and PM peak hours, was observed at the intersection of the I-85 southbound ramps and NC 56. Table 8 summarizes the SimTraffic results, specifically travel time and delay, for the western segment during the AM, Midday and PM peak hours. Figure 14 and Figure 15 graphically show the corridor travel time and delay traveling eastbound and westbound along NC 56.

Table 8: Travel Time and Delay for NC 56 (Western Segment)

Location	AM Peak		Midday Peak		PM Peak	
	Travel Time (s)	Delay (s/veh)	Travel Time (s)	Delay (s/veh)	Travel Time (s)	Delay (s/veh)
Eastbound	435.9	286.3	222.1	74.7	750.0	599.3
Westbound	233.2	71.6	222.6	63.6	260.5	99.5

Figure 14: Corridor Travel Time (Western Segment)

Figure 15: Corridor Delay (Western Segment)

Intersections

Peak hour LOS measures the adequacy of the intersection geometrics and traffic controls of a particular intersection or approach for the given turning volumes. Existing lane geometrics and lane traffic controls are further illustrated in Figures 16 and 17. Levels of service range from A through F, based on the average control delay experienced by vehicles traveling through the intersection during the peak hour. Control delay represents the portion of total delay attributed to traffic control devices (e.g., signals or stop signs). The engineering profession generally accepts LOS D as an acceptable operating condition for signalized intersections in urban areas LOS C for rural areas.

At unsignalized intersections, LOS E is generally considered acceptable only if the side street encounters delay. Nevertheless, side streets sometimes function at LOS F during peak traffic periods; however, the traffic volumes often do not warrant a traffic signal to assist side street traffic. Table 9 provides a general description of various levels of service categories and delay ranges.

Table 9: Level of Service Description for Intersections

Level of Service	Description	Signalized	Unsignalized
A	Little or no delay	<= 10 sec.	<= 10 sec.
B	Short traffic delay	10-20 sec.	10-15 sec.
C	Average traffic delay	20-35 sec.	15-25 sec.
D	Long traffic delay	35-55 sec.	25-35 sec.
E	Very long traffic delay	55-80 sec.	35-50 sec.
F	Unacceptable delay	> 80 sec.	> 50 sec.

Figure 16: Existing Lane Geometrics and Traffic Control (Western Segment)

Figure 17: Existing Lane Geometrics and Traffic Control (Eastern Segment)

Level of Service Analysis

Intersection LOS analyses were performed for the typical weekday AM, Midday, and PM peak hours using *Synchro/SimTraffic Professional Version 7*. The Existing (2014) scenario analysis utilized the existing signal plans from the NCDOT. The intersection cycle lengths were optimized, and in some cases, where the optimized cycle length fell below the recommended minimum, the cycle length was set manually at the NCDOT minimum cycle length. A summary of the findings for the Existing (2014) scenario level of service analysis can be found inTable 10 and Table 11, and the full *Synchro/HCS* output can be found in Appendix II.

As reported in Table 10 and Table 11, all of the intersections are operating at acceptable overall LOS during all peak hours.

Table 10: Intersection LOS (Western Segment)

Intersection and Approach		Traffic Control	Base Year (2014)		
			AM	MID	PM
NC 56 and 33rd Street		Signalized	**A (7.4)**	**A (7.3)**	**A (9.8)**
	Eastbound		A-7.8	A-8.1	B-11
	Westbound		A-6.1	A-5.2	A-4.8
	Northbound		---	---	---
	Southbound		B-12.1	B-11	B-15.9
NC 56 and W Lyon Station Road		Signalized	**C (20.5)**	**B (13.4)**	**B (16)**
	Eastbound		B-14	B-10.5	B-13.1
	Westbound		B-11.1	A-6.2	A-9.4
	Northbound		---	---	---
	Southbound		D-37.7	D-39.6	D-46.9
NC 56 and I-85 Southbound Ramp		Signalized	**C (21.2)**	**B (18.9)**	**B (18.8)**
	Eastbound		C-24.8	C-26.9	C-21
	Westbound		B-13.5	A-9.3	B-10.5
	Northbound		---	---	---
	Southbound		C-30.2	C-31.2	D-41.1
NC 56 and I-85 Northbound Ramp		Signalized	**B (12.3)**	**B (14.2)**	**C (26.4)**
	Eastbound		A-1.6	A-6	B-10.2
	Westbound		B-10.5	B-11.4	C-24.1
	Northbound		D-43.3	D-50.3	E-59.8
	Southbound		---	---	---
NC 56 and E Lyon Station Road		Signalized	**A (9.2)**	**B (15.4)**	**C (20.9)**
	Eastbound		A-3.7	A-6.1	B-12.6
	Westbound		A-4.1	A-5.9	A-9.2
	Northbound		D-43.3	D-46.2	D-47
	Southbound		---	---	---

Table 11: Intersection LOS (Eastern Segment)

Intersection and Approach	Traffic Control	Base Year (2014)		
		AM	MID	PM
NC 56 and N Durham Ave/Lake Rd	Signalized	**D (37)**	**C (23.8)**	**D (40)**
Eastbound		D-43.6	C-23.8	D-38.9
Westbound		D-42.2	C-26.3	D-47.2
Northbound		C-20.7	C-20.2	D-39.9
Southbound		D-36.3	C-24.5	D-36.2
NC 56 and N Durham Ave/Lake Rd	Unsignalized	**-**	**-**	**-**
Eastbound		---	---	---
Westbound		C-17.4	B-10.1	B-14.7
Northbound		B-12.9	A-8.9	E-39.3
Southbound		B-10.8	A-8.7	B-10.5
NC 56 and N Main Street	Signalized	**B (18.5)**	**B (13.5)**	**D (35.2)**
Eastbound		C-28.2	B-16.2	D-38.6
Westbound		A-9.9	A-6.7	B-10.1
Northbound		C-32.8	B-18.7	D-53
Southbound		C-28.3	B-15.2	C-25.5
NC 56 and Crescent Dr/ Hawley School Rd	Signalized	**C (23)**	**A (6.3)**	**B (12.7)**
Eastbound		A-5.8	A-3.9	B-10.2
Westbound		C-21.2	A-6.9	B-10.4
Northbound		D-35.5	B-12.5	C-23.4
Southbound		D-41.4	B-12.1	C-23.7

Safety

Analysis of crashes reported along the study corridor from October 2009 through September 2014 reveals that crash rates for this portion of NC 56 are lower than rates on comparable roadway types in North Carolina, as indicated in Table 12.

Table 12: Crash Rate Comparison (2009-2011 NC Data, per 100M veh-miles)

Road Type	Total	Fatal	Non-Fatal Injury	Night	Wet
Rural 2-Lane Undivided	**194.56**	**1.90**	**60.43**	**73.20**	**29.94**
Urban 2-Lane Undivided	238.77	0.75	74.55	50.10	37.36
Rural 2-Lane TWLT-Lane	**343.48**	**2.54**	**109.08**	**117.71**	**59.36**
Urban 2-Lane TWLT-Lane	1131.17	4.15	365.30	242.84	180.57
NC 56	**117.84**	**0.91**	**29.23**	**33.80**	**21.94**
Rural 4-Lane TWLT-Lane	138.98	1.27	43.61	40.58	21.17
Urban 4-Lane TWLT-Lane	305.80	1.00	99.57	57.06	50.21
Rural 4-lane Divided[1]	139.34	0.66	44.71	20.72	20.72
Urban 4-lane Divided[2]	332.15	0.88	107.62	68.39	58.14
Rural 4-lane Divided[1]	128.03	1.43	40.29	41.36	19.52
Urban 4-lane Divided[2]	182.11	0.67	62.04	43.24	34.36

1 No access control.
2 Partial access control.

However, this finding does not guarantee that the corridor is free of significant safety issues. Closer inspection reveals that most of the crashes in the corridor are clustered between West Lyon Station and East Lyon Station Roads, a segment that includes the I-85 intersection ramps. Although this segment comprises only about 10 percent of the length of the study corridor, it generates over 53 percent of the crashes, as Figure 18 indicates. This translates into a much higher crash rate, as NCDOT's 2012 High Frequency Crash Locations listing appears to confirm. The I-85 ramp intersections with NC 56 had the third and eleventh highest crash frequencies in Granville County, while the Lyon Station Road intersections rank fourth and fifth.

Throughout the corridor, rear-end collisions are by far the most frequent, accounting for 40 percent of all crashes. Crashes occurring as a result of left turns are the next most frequent type, at 19 percent. Interestingly, all of these types of crashes occurred between East Lyon Station Road and South Campus Drive. There is another large drop-off to the third most common type of crashes --those caused by animals-- which represent nine percent of the total. Right turns contribute seven percent. Given that much of the corridor is characterized by narrow lane widths, lack of shoulders, and somewhat curvy/hilly alignments, it may be surprising that only five percent of crashes are attributable to running off the road. This could be related to another potentially surprising finding: excessive speeds were rarely cited in the crash reports.

Figure 18: NC 56 Intersection Collisions (by crash type)

The 245 vehicles involved in 129 reported crashes included only seven trucks, and only one of these was a tractor trailer. So while trucks make up nearly eight percent of the traffic on NC 56, they represent less than three percent of the vehicles involved in crashes, which seems to suggest that trucks have not been major contributors to crashes.

No bicycles were involved in any crashes, and only a single pedestrian crash was reported. However, this was a fatality, occurring as the pedestrian crossed NC 56 at night, between Pond Drive and Washington Avenue. In addition to this fatality, 53 people were injured in 32 crashes; only one of these injuries was a Class A (or debilitating) injury.

Based on the nature of the crashes and study of the roadway, several factors appear to interact in contributing to the cluster of crashes at the western end of the corridor. Problems start with a long horizontal curve that makes a 90 degree turn while climbing a slight grade that crests on the I-85 bridge. This curve begins at 33rd Street and ends at West Lyon Station Road, and includes a railroad crossing and several wide driveways. This combination of vertical and horizontal curvature could affect sight distance and driver perception of speed and distance, especially significant issues due to high volumes of turning traffic, including slow-moving trucks. Furthermore, pavement width and lane configurations change through the curve, and the transition between rural two-lane road and three-lane commercial strip with

multiple signalized intersections and frequent, sometimes poorly-defined driveways, is abrupt. These factors combine to create an unexpected and confusing situation.

This explanation is supported by the fact that 75 percent of the crashes between 33rd Street and West Lyon Station Road are rear-end collisions. Farther to the east, the proportion of crash types changes. Between East and West Lyon Station Roads, nearly 60 percent of crashes are classified as turning, angle, or sideswipe collisions. This pattern is more indicative of conflicts resulting from heavy volumes of traffic turning in/out of frequent driveways, especially with a center two-way left-turn lane present.

Environmental Context

An environmental screening was completed for the project study area utilizing existing GIS resources. This screening analysis indicated areas of possible environmental concern, including streams and wetland areas, community resources, and locations of hazardous waste sites. Figure 19 illustrates the known environmental features present within the project study area as indicated by the environmental screening process.

This summary references environmental features that are located within the:

- Project corridor
- Project study area
- Vicinity of the project study area

The project corridor refers to the of-way, which varies between 60-120 feet wide along the entire corridor. The project study area refers to an 800-foot buffer (1,600 feet total width) of the exiting roadway centerline, displayed as a red-dashed line in Figure 19. Features within the vicinity of the project study area are located beyond the 800-foot buffer, however still relevant because they are nearby or downstream of the roadway.

Figure 19: NC 56 Environmental Screening

Built Environment

The built environment in the study area is primarily rural with the majority of the area being residential. There are commercial, highway retail, retail, and industrial developments at the eastern and western ends of the study area. Overall, the study area is low density.

Land Use

Development Patterns

The majority of the study vicinity is low density residential. The east and west ends of the study area are commercial development with some industrial uses. The middle portion of the study area is primarily residential. The overall study area is low density and has a rural character, punctuated by commercial developments at either end of the study area.

Residential

Most homes in the study area are single-family homes. The eastern portion of the study area under Creedmoor jurisdiction features mostly agricultural and single-family zoning, which are low-density residential designations. Near downtown Creedmoor there is also Main Street Residential zoning which is a higher density residential designation for areas bordering downtown Creedmoor.

Commercial/Retail/Service

The western portion of the study area under Butner jurisdiction is zoned primarily for highway business uses near the I-85 interchange. This area has a number of fast food restaurants and retail stores. The area around downtown Creedmoor is designated for commercial use and features a number of retail establishments.

Institutional

There is one identified church, Pine Grove Baptist Church, located along the study corridor, near its intersection with Mill Stream Circle. There are two cemeteries within the project study area. Pine Grove Church Cemetery is located directly behind the church. Creedmoor Cemetery is located at 301 E Wilton Ave, near the elementary school at the eastern end of the project. The cemetery property is adjacent to NC 56 on the north side of the roadway. This portion of NC 56 is two-lanes, with a two-foot paved shoulder and ditch/swale drainage than abuts the cemetery property. Buried fiber optic utilities are present along the north side. The opposite side of the roadway (south) features curb-and-gutter and a sidewalk.

Two public schools are present within the project study area. Creedmoor Elementary and South Granville High schools are both located just west of Crescent Drive, near the eastern end of the project corridor.

Vance-Granville Community College is located within the project study area, near the west end of the corridor. The campus has two entry points, a signalized intersection located at East Lyon Station Road, and non-signalized access from NC 56 onto South Campus Drive.

Industrial

There is light industrial and office and industrial zoning in the western portion of the study area under Butner jurisdiction, primarily areas not fronting NC 56 near the I-85 interchange. There are a number of industrial businesses in this area including a Sunoco trucking warehouse and an Altec Industries parts facility. There is some industrial development in the far eastern end of the study area as well.

Historic Properties

A review of cultural resources in the vicinity of the study area identified one State (NC) Study List feature within the project study area. Being placed on the State Study List is the first step towards nomination to the National Register of Historic Places (NRHP). The gravesite of Mr. Joe Cephus Coley (ID GV0533) was added to the State Study List in 2001 and is located within the Pine Grove Baptist Church cemetery. The cemetery is located between 125 and 250 feet off of the existing NC 56 roadway and behind the Pine Grove Baptist Church.

There are no designated NRHP properties within the project study area.

Hazardous Materials

According to the most recently available NC Department of Environment and Natural Resources Division of Waste Management GIS data, there is one hazardous material substance disposal site located within the project study area. This site is the former Mead Containers Butner PLT, located approximately one quarter-mile west of West Lyon Station Road, adjacent to the railroad tracks. This site is currently owned by Tegrant Diversified Brands, Inc.

There are no inactive hazardous waste sites within the project study area.

The only listed NPDES facility located within the project study area is the Creedmoor Water Treatment Plant, located along the Ledge Creek, one mile west of US 15/Durham Ave. An existing two-lane (27 feet wide) bridge over Ledge Creek at this treatment plant would need to be widened, replaced, or even supplemented by a second bridge.

There are seven identified gas stations located along the project corridor. Five gas stations are located near the I-85 interchange, and two additional stations are located along US 15/Durham Ave. One of these sites may have been abandoned; however, the concrete pad above the underground tanks is still visible. There is no current indication that these tanks pose an environmental threat.

The site of the former Creedmoor dump is in the vicinity of the study area, off of Park Avenue near the eastern end of the project.

Conservation Areas

The City of Creedmoor owns two recreation areas within the project study area, adjacent to the project corridor. Lake Rogers Park is located along NC 56 in the center of the study corridor. BC Roberts Ball Field is approximately 800 feet east of Main Street, and 0.8 miles west of the project corridor end.

There are no dedicated nature preserves or federally owned lands within the project study area. The Murdoch Center – Butner Compound is a 1,206 acre managed natural area on the west side of the study area. The five acre John Umstead Hospital – Butner Compound and the 1,016 acre Umstead Research Farm – Butner Compound are managed natural areas which are both located to the west side of the study area.

Located two miles downstream of the project study area is the Falls Lake Recreation Area, which is hydrologically-connected to Ledge Creek and Whitaker Branch. Best management practices to control sediment runoff during construction will prevent any potential future impact to Falls Lake.

Socio-Economics/Demographics

There are five block groups which encompass the study area and are located within Granville County. According to Census data, the population of the study area block groups is 8,377 as of 2010, an increase of 3.9 percent per year from 2000 (note the geography of the Census 2000 block groups is different from the geography of the Census 2010 block groups). This compares to a 2.1 percent annualized growth rate for Granville County and 1.7 percent growth per year for North Carolina as a whole.

The population in study area block groups is 62.0 percent white, which is similar to that of Granville County (60.0 percent). About 29.0 percent of the population of the study area block groups is black or African-American. Approximately 10.5 percent of the population of the study area block groups is Hispanic, which is slightly higher than the Granville County population (7.5 percent).

Approximately 16.0 percent of the study area block group population is below the poverty level, which is comparable to the Granville County population. About 3.0 percent of the study area block group population does not have access to a vehicle at home, which is slightly lower than the 5.4 percent for Granville County.

Table 13 shows the key demographic information for the study area and Granville County.

Table 13: Key Demographic Information

Location	Study Area Level	Granville County Level
Population	8,377	59,916
Population Change (2000-2010)	3.9%	2.1%
Minority Population	37.7%	39.6%
Hispanic Population	10.5%	7.5%
Below Poverty Population	16.2%	14.3%

Natural Environment

The natural environment of the study area has a number of important water and endangered species features. Most importantly, the study area is just upstream of the Falls Lake recreational area; subsequently, the entire study area is a protected water supply watershed, and the portion around Lake Rogers is designated as a critical water supply watershed.

Water Quality

The Division of Water Resources (DWR), a subset of the NC Department of the Environment and Natural Resources, is responsible for the protection, classification and enhancement of all streams and water bodies within North Carolina. The project study area is located within the Neuse River Basin of North Carolina.

There are two existing blue line stream crossings within the study area—Ledge Creek and Whitaker Branch—both of which are tributaries of Falls Lake and the Neuse River. Ledge Creek is a Class CA stream (critical area protected for drinking purposes), classified as High Quality Water (HQW), and considered nutrient sensitive (NSW).

Two additional (potentially) intermittent streams are located within the study area, but would need to be field-verified as development may have altered their drainage patterns. These are tributaries of Ledge Creek, and both appear to cross NC 56 near its intersection with Pine St based on USGS topo maps.

A designated 100-year floodplain represents an area along a stream that has a one percent annual chance of flooding based on previous storm events. It may also be thought of as the highest elevation a stream has risen in the previous 100-years of recorded rainfall events. This storm event may have occurred as recently as one year ago, and likewise this same amount of flooding may occur again next year. There are areas of designated 100-year within the project study area associated with Lake Rogers and the water supply reservoir along Ledge Creek. The existing corridor covers 105 linear feet of 100-year floodplain. There are no designated areas of 500-year floodplains (which represent areas with a 0.2 percent annual chance of flooding) within the project study area.

The project study area is located in the Upper and Middle Falls Lake watersheds, both drain into the Falls Lake recreation area, and forms the Neuse River further downstream. The Lake Rogers watershed (59 percent of the project corridor length) has an established local watershed plan (2003) in coordination with DWR. This watershed improvement plan is necessary because of the Creedmoor Water Treatment Plant, located along Ledge Creek.

The entire study area is located within a protected water supply watershed. A majority of surrounding lands within Granville, Durham, and Wake Counties, in fact, are within a protected water supply watershed because they drain into Falls Lake reservoir. A portion of this protected water supply is designated as critical, representing 0.5 miles upstream (north) of the water treatment plant. This area is displayed as dark pink on Figure 19. A 1.3 mile segment of the existing NC 56 corridor serves as the boundary of this critical water supply watershed, between Mill Stream Circle and Recovery Road.

Wildlife Resources

There are two natural areas within the project study area, has been designated by the Natural Heritage Program as a Natural Area (Site IDs 786, and 1231), which "contains terrestrial or aquatic sites that are of special biodiversity significance." Within this natural area are several known occurrences of, or habitat for, a number of threatened or endangered plant species, as detailed in Table 14.

Table 14: Threatened and Endangered Species

Species Common Name	Species Type	NC Threat Level	Location
Serpentine Aster	Plant	Endangered	Within Study Area
Prairie Blue Wild Indigo	Plant	Endangered	Within Study Area
Hoary Puccoon	Plant	Threatened	Within Study Area
Carolina Birdfoot-trefoil	Plant	Special Concern	Within Study Area
Earle's Blazing-star	Plant	Special Concern	Within Study Area

One natural area site is located along the north side of the NC 56 corridor, extending from Pine Grove Church to the southeast approximately 0.3 miles. The other natural area site is located along the north side of the Butner complex and straddles both sides of the project corridor, and includes an overhead utility easement utilized by Duke Energy.

While it is not expected that the project would directly impact these plant species, best management strategies during construction must be implemented protect aquatic habitats within and downstream of the project study area.

Relevant Plans

This section summarizes relevant planning and policy efforts, focusing on the most recent transportation-related plans, and on those specific elements that affect the NC 56 Corridor Study, or which could be affected by it.

Pedestrian and Bicycle Plans

City of Creedmoor Bicycle & Pedestrian Transportation Plan (2011)

This plan describes a number of improvements related to NC 56, many of which have moved forward. Initial phases of the Cross City Trail have already been constructed, and Phase III (a multi-use path on the north side of NC 56 between Main Street and Lake Rogers Park) is programmed for construction. Part of the Wilton Avenue sidewalk has been constructed along the frontage of the new Walgreens.

Numerous sidewalk and greenway projects (including sidewalk along US 15 and a multi-use trail on Hawley School Road) will tie into the east-west NC 56 "spine," creating a connected network that increase the overall attractiveness of the pedestrian system. Other facilities, such as the Northwest and Southwest Creedmoor Lake Trails will offer alternative parallel routes.

The Creedmoor Pedestrian Plan also identifies specific improvements to NC 56 intersections, including Main Street, Hawley School Road, and both US 15 intersections.

Bicycle recommendations for NC 56 include bike lanes (between US 15 and Darden Drive) and multi-use paths and or paved shoulders, bike lanes, or shared lane markings to the west. All of the bicycle and pedestrian recommendations are coordinated with Butner and Granville County plans.

Butner Pedestrian Transportation Plan (2011)

The Butner Pedestrian Transportation Plan recommended two projects relevant to this study:

- Project #2 – Constructs a multi-use sidepath on the south side of NC 56 from West Lyon Station Road to 27th Street, where it would connect with other pedestrian and bicycle facilities.
- Project #3 – Improves pedestrian accommodation along both sides of NC 56 from I-85 to Washington Avenue. Recommendations include:
  - Sidewalks on both sides of NC 56

- Driveway consolidation and reduction in width and turning radii where appropriate
- High-visibility crosswalks at intersections (specifically I-85 ramps and both East and West Lyon Station Road), and at appropriate mid-block locations
- Countdown pedestrian signals and warning signs as warranted
- Connectivity with Creedmoor greenway system and with other elements of the Butner Pedestrian Plan, including sidewalk on West Lyon Station Road and greenways on the south side of NC 56
- ADA-compliant curb ramps
- Reduced speed limit

Granville County Greenway Master Plan (2005)

The Granville County Greenway Master Plan provides a framework for the subsequent and more detailed Butner and Creedmoor plans described above. Key recommendation affecting this study include a multi-use path or greenway along the NC 56 corridor connecting northern Butner with Wilton Avenue and a more southerly east-west connection between central Butner and Creedmoor, north of Gate 2 Road and US 15, in the general vicinity of Joe Peed Rd.

Regional/Long Range Transportation Plans

2008 Granville County Comprehensive Transportation Plan (CTP)

This plan identifies the staged widening of NC 56 to a four-lane divided boulevard facility from I-85 to Franklin County as a priority. Ancillary on-road and off-road pedestrian and bicycle routes are recommended as part of this project, and this corridor is recommended for future bus service. A number of intersections included in the NC 56 Corridor Study are also identified in the CTP for further study due to high crash rates. These intersections are West Lyon Station Road, I-85 (high priority), Stem Road, US 1/NC 50, and Hawley School Road.

Other relevant project proposals include:

- Construct the Creedmoor Connector, a four-lane divided boulevard on new location that would create a bypass or partial loop around western and southern Creedmoor. This facility would connecting from NC 56 just west of Rogers Lake to Brassfield Road (SR 1700) just east of Hawley School Road. On-street bicycle facilities are included in this recommendation. Impacts of this project on travel and land use patterns would dramatically impact NC 56.
- Widen NC 15 south of NC 56 to a four-lane divided boulevard as part of a larger regional project.

- Study a new I-85 interchange north of NC 56. This project could have significant impacts on development and traffic demand within the NC 56 Corridor study area.
- Widen and improve East Lyon Station Road to a four-lane raised median curb-and-gutter facility with bicycle and pedestrian accommodations (from Gate 2 Road to NC 56).
- Widen West Lyon Station Road to a two-lane/three-lane facility with bike accommodations, and realign for better intersection with NC 56 and proposed service road. Extend West Lyon Station Road south across NC 56, possibly as a four-lane divided facility.
- Extend 24th Street in Butner across I-85 to provide a two-lane connection with bicycle and pedestrian accommodations to East Lyon Station Road.
- Widen Brogden Road to a two-lane/three-lane facility with bike accommodations from NC 56 to Stem Road.
- Construct new service roads with bicycle accommodations west of I-85 between Gate 2 Road and NC 56.
- Widen Joe Peed Road to a two-lane/three-lane facility with bike accommodations.
- Possible improvements to Moss Road.
- Build a multi-use path or greenway along the NC 56 corridor connecting northern Butner with Wilton Avenue and NC Bike Route 1 in Creedmoor.
- Build an east-west route between central Butner and Creedmoor, north of Gate 2 Road and US 15, in the general vicinity of Joe Peed Rd.
- Initiate transit service between Butner and Creedmoor along NC 56.

2040 CAMPO Long Range Transportation Plan (2013)

The most recent update to the CAMPO LRTP includes the widening of NC 56 between I-85 and US 15 as a 2040 project. This is a shorter project than described in the Granville County CTP. This project was not included in 2035 CAMPO LRTP, although several other projects from the CTP which had been in the 2035 LRTP have been moved beyond 2040, partially a result of the STI prioritization process. The new I-85 interchange remains as 2030 project, pending study.

Corridor and Intersection Studies

Creedmoor Intersection Analysis (2011)

This study considered transportation safety and operations at four intersections, three of which are included in the NC 56 Corridor Study:

- NC 56 (Lake Road) at US 15 (North Durham Avenue)
- NC 56 (Wilton Avenue) at US 15 (North Durham Avenue)
- NC 56 (Wilton Avenue) at NC 50 (North Main Street)
- NC 50 (North Main Street) at Lake Road

A range of alternatives were evaluated with respect to traffic operations, safety, and environmental and community impacts, over both short and long range timeframes. These scenarios included improving existing conditions, adding roundabouts, and implementing one-way pairs. Access management and pedestrian and bicycle accommodations were considered in all instances. Also discussed were long-standing concepts for rerouting NC 56 on new alignment to provide a continuous route through town on a single thoroughfare. Specific recommendations include:

- Near-Term
  - Consolidate driveways
  - Add planting strips to better define driveway locations
  - Add sidewalks and ADA compliant crossings, signals and other amenities
  - Improve signage and pavement markings
  - Remove obstructions in sight-triangles
  - Reduce some speed limits
- Long-Term
  - Implement one-way pair
  - Convert the intersection of North Durham and Wilton Avenues to a roundabout

The study did not consider the potential for the future Creedmoor Connector (NC 56 Bypass) to reduce traffic volumes, and assumed a rather aggressive/conservative annual traffic growth rate of three percent through 2040. By comparison, annual growth rates for these facilities according to the Triangle Regional Model range from less than 1.0 percent to less than 2.5 percent, yielding a composite average annual growth rate under 1.5 percent.

NC 56 Access Management Corridor Study (2003)

The scope of this study is approximately the segment of NC 56 between the railroad crossing and Pond Drive with a focus on reducing crash rates and delay due to congestion. Alternatives considered reflect the goal of reducing conflicts, both in the short term and over a longer time horizon, in anticipation of additional development and future background traffic growth. Prioritized recommendations include:

- Convert NC 56 to a median-divided four-lane facility to:
  - Improve traffic flow (increase vehicle speeds)
  - Enhance traffic operations (reduce congestion)
  - Increase traffic safety (reduce crash rates)
- Consolidate and align driveways, and interconnect parcels to reduce the number of conflict points and increase the distance between them

- Create a parallel network of local/collector roads
- Restrict allowable turning movements
- Improve intersections via: :
  - Auxiliary and turn lanes
  - Longer storage lengths
  - Traffic signal timing modifications and coordination
- Improve number, placement, and visibility of directional and regulatory signage, pavement markings, and signals
- Assess and improve sight distance triangles at all intersections and driveways

Pedestrian, bicycle, and transit modes were not included in this study, nor was any explicit consideration given to commercial vehicles, freight movement, land use changes, travel demand management, or environmental and community impacts.

NC 50 Corridor Study (2011)

The northern terminus of the NC 50 Corridor Study is the intersection with NC 56 (West Lake Road). Specific recommendations relevant to this study include streetscaping, intersection treatments, lighting, crosswalks bicycle accommodations, and other improvements in support of downtown development, safety, and transportation service.

Other, more general recommendations that could relate to the NC 56 Corridor Study include the implementation or further study of:

- Special overlay districts
- Rideshare programs
- Park-and-ride, express bus, and other transit service
- Access management techniques
- Best management practices for runoff control
- Wayfinding

Overall, the study reflects stakeholders' emphasis on:

- Pedestrian and bicycle connectivity and supportive amenities
- Water quality
- Traffic safety
- Habitat and community preservation
- Complete streets/context-sensitive design
- Economic sustainability
- Innovative funding and implementation mechanisms.

Butner Gateway Small Area Plan (2013)

This sketch plan laid the groundwork for a more detailed study which is currently underway. The NC 56 Corridor Study will coordinate with this effort to ensure consistency in assumptions and outcomes, and to maximize efficiency.

Key issues include changes in traffic volumes and patterns (including truck and rail traffic); potential for new pedestrian, bicycle, and transit trips; new/realigned roads intersecting NC 56 immediately west of I-85; and a new road passing over I-85 to connect 26th Street with Telecom Way.

Town of Butner 2020 Comprehensive Plan (2009)

Butner's 2020 Comprehensive Plan recommends: widening NC 56; implementing access management and interconnected parking; enhancing the streetscape; and improving pedestrian and bicycle accommodation. It also recommends realigning West Lyon Station Road at NC 56 to increase safety and capacity, and to better align with a future connector or service road paralleling I-85 to the west, and extending south to Gate 2 Road. Other recommendations include an overpass of I-85 to connect 26th Street and Telecom Way, and improvements associated with access to future development off of, and across NC 56 from, East Lyon Station Road.

Creedmoor City Plan 2030 Plan (2012)

This land use and comprehensive master plan provides a framework that supports the transportation-related recommendations embodied in the other plans cited in this discussion. Particular attention is paid to bicycle and pedestrian connections; a broader approach to roadway design that considers factors beyond levels of traffic service; and the importance of broad accessibility to economic vitality and quality of life.

The Plan's land use recommendations are critical to understanding future travel demands, and to understanding potential constraints on expanding roadway capacity. Elements of special interest to the NC 56 study include the Main Street core business district and the Gateway Business Area (off of West Lake Road), and the importance of existing and future utility/infrastructure locations (water, sewer, and gas) in directing growth, and as possible obstacles to road construction. The Plan also goes into considerable detail regarding watershed restrictions and the need to preserve other environmental and cultural resources, and describes zoning regulations, development ordinances, and other tools for achieving these ends.

I-85 Interchange Study (2013)

This study, undertaken by CAMPO, evaluated the possibility of a new interchange on I-85 in Granville County between Exit 191 (NC 56) and Exit 202 (US 15). This eleven-mile stretch of I-85 currently does not have any exits which raises safety concerns due to lack of access to the Interstate for emergency vehicles. Additionally, there are no alternative routes available for vehicles in case of emergencies. Further, operational benefits and economic benefits could be seen with a new interchange.

The study examined five possible locations, concluding that a location at Brogden Road (SR 1127) presented the best opportunity for a new interchange. This location, two miles north of the NC 56 interchange, scored highest for economic development potential and access to high crash areas. However, the study further concluded that mobility benefits of a new interchange would likely be limited in the forseeable future leading to the conclusion that a new interchange would not be constructed prior to 2040.

Recreation Master Plan (2014)

Several general and specific recommendations from this plan that are relevant to the NC 56 Corridor Study are quoted below.

- *Develop a well-connected open space system in the downtown area that provides improved opportunities for pedestrians and bicyclists, promotes economic vitality of the City's center, and reflects the unique character of the area.*
- *Expand Lake Rogers Park to include improved lake access, expanded public open space, amphitheater, environmental education opportunities, lake loop trail, and landscape enhancements. The design and program should focus on the park as the western gateway into the City through streetscape improvements and orientation to Highway 56.*
- *Continue to prioritize bike / pedestrian linkages that connect major destinations like schools, downtown core and Lake Rogers to each other.*
- *Add the link that connects two of Creedmoor's cemeteries to B.C. Roberts Ballfields and the Gymnasium and Activity Center to the plan as part of the greenway and trail system. This can be accomplished by adding signage and providing paved connections between short gaps.*

The Plan supports implementation of projects identified in the Creedmoor Pedestrian and Bicycle Transportation Plan and the Granville County Greenway Plan. Implementation and funding are addressed in detail, including references to potential transportation-related funding sources, such as Safe Routes to School and MAP-21's Transportation Alternatives Program.

NCDOT Complete Streets Standards (2010)

In 2010, the North Carolina Department of Transportation revised the typical highway cross sections for all roads to include bicycle and pedestrian components, adopting an approach more consistent with Complete Street principals.

Public Input

The project team has solicited public input on this project by including a stakeholder oversight team which is composed of community and business leaders and will meet throughout the project. The project team has created a website, www.nc56corridorstudy.com, which provides project updates. There are two scheduled public workshops, the first of which was held on January 26, 2015. The project team also conducted focus group style interviews with several key stakeholders along the corridor.

Stakeholder Interviews

Four meetings were held with stakeholders from the community to gain a better understanding of the unique issues faced by these organizations along the NC 56 corridor. The participants were grouped together by organizational type, and the stakeholder interviews were conducted like focus groups. Each meeting involved several participants and lasted roughly one and a half hours. The project team presented a short background of key issues identified to-date, and then each group discussed the issues and solutions as they and their organization see them. The following organizations participated:

Group 1 – Public Health and Safety

- Granville County Emergency Management
- Creedmoor Police
- Butner Public Safety

Group 2 – School, Institutional, and Governmental

- Creedmoor Elementary
- Murdoch Center
- Granville Health System

Group 3 – Businesses

- Granville Chamber of Commerce
- Granville Economic Development
- Altec Industries
- Simply Delicious
- M&H Tire
- Vance-Granville Community College
- Property Owner

Group 4 – Freight

- Food Lion
- Greenville County Schools

The discussion in each focus group focused on issues and potential solutions along the NC 56 Corridor. The main points raised in these meetings are shown below.

Key Issues:

- Lack of traffic controls in front of hospital, EMS
- Issues related to people being lost (either off the Interstate or near the community college)
- Safety and congestion at the schools
- Impacts to businesses if turning movements are reduced
- No anchor to drive community and economic development
- Many facilities sharing the same access point with no traffic controls
- Emergency services and planning – one crash can back up the entire area

Solutions:

- Wayfinding signs
- Turn lane near the school
- Traffic control at community college/Altec/library
- Limit or share driveways to use existing access more efficiently
- Caution light outside of hospital, EMS
- Curb-and-gutter

Priorities to be Addressed:

- Safety
- Aesthetics
- Low-cost/short term solutions

Key Areas of Concern:

- Immediately off the I-85
- In front of the community college

Public Workshop

The first public meeting was held on January 26, 2015 from 3:30 to 6:30 PM at the Vance-Granville Community College South Campus, located on the NC 56 corridor. Forty-six attendees signed in and participated. The meeting also included paper and online versions of a survey on existing conditions and priorities for the future; as of February 18, 56 surveys have been completed.

The format of the public meeting was an open house combined with a short presentation every hour on the hour. There were four stations for participants to visit:

- Where do you live/work?
- Problem identification
- Issue prioritization
- Transportation tool box

The first station was also the sign-in area and featured a map of the region where participants could place a dot where the live and where they work. In total, 28 dots were placed on the board showing that 10 people work along the corridor and 7 live along the corridor. Most other selections were for living and/or working in either Town of Butner limits or the City of Creedmoor limits.

The second station focused on problem identification within the corridor. Meeting participants were provided three aerials – one of each study segment – and asked to identify areas where they experience the most issues of have the most concern. Participating attendees were provided stickers and markers and provided feedback directly on the aerial. The survey also asked participants to list problems that they experience in the corridor. The following are the most common comments received:

Western Segment:

- Traffic congestion is bad around restaurants
- Turning into and out of restaurants is dangerous
- Too many driveways
- Pedestrian access to businesses is difficult/dangerous

Middle Segment:

- Bridge over Ledge Creek should be elevated and widened to accommodate pedestrians
- Speeding is common

Eastern Segment:

- Traffic backs up around US 15 intersection
- The school area experiences significant congestion and safety issues during school begin or end times
- Crosswalk near the school is unsafe

Additional Comments:

- Any minor roadwork and trash collection cause significant delays
- Not enough turn lanes at intersections

- Actual travel speeds are high
- Speed limits are too low in sections
- Need more lanes
- Current road is not aesthetically pleasing/not a good gateway for Butner or Creedmoor

The online and paper survey also asked participants to list what works well in the corridor currently. Some of the most common comments received are:

- Traffic lights (at I-85 and by the Walgreens and CVS in particular) have helped traffic flow
- The stretch between Creedmoor and Butner generally has good traffic flow
- There is a good concentration of businesses and restaurants on the western end of the corridor

The third station asked participants to rank various issues to help prioritize the most important items to address in the corridor. Meeting participants were provided a list of previously identified issues and stickers to select one issue as the most important. The same issues were available for selection on the survey, but participants could select whether they felt the issue was very important, somewhat important, slightly important, or not important. Fifteen people participated in the meeting board. Forty-four participated in the survey. The breakdown of responses is shown in Table 15.

Table 15: Issue Prioritization Results Summary

Issue	Top Priority Sticker at Public Meeting		Very Important in Survey		Somewhat Important or Slightly Important in Survey		Not Important in Survey	
	#	%	#	%	#	%	#	%
Safety	1	7%	33	90%	4	11%	0	0%
Congestion	3	20%	32	74%	11	26%	0	0%
Freight Access	1	7%	9	26%	22	63%	4	11%
Environmental Preservation	0	0%	12	36%	18	55%	3	9%
Access to Businesses	3	20%	23	66%	11	31%	1	3%
Bicycle Safety and Access	1	7%	11	37%	15	50%	4	13%
Pedestrian Safety and Access	4	27%	21	64%	11	33%	1	3%
Wayfinding / Directional Signs	2	13%	10	35%	16	55%	3	10%
Aesthetics / Appearance	0	0%	8	22%	24	67%	4	11%

Although slightly different feedback was received from the survey and public meeting, the top issues that were selected were safety, congestion, access to businesses, and pedestrian safety and access.

The final station at the public meeting focused on potential solutions to problems and suggestions for addressing the identified issues and deficiencies. This station allowed meeting participants to select stickers representing different infrastructure improvements and provide suggestions for ways to improve the corridor. Aerials of the three study segments were provided. The survey also asked for suggestions on improvements. The following represent the most common comments received.

Western Segment:

- Preserve access to business
- Improve pedestrian safety
- Add traffic light
- Add access to parcel behind McDonalds and Bojangles

Middle Segment:

- Lower speeds
- Raise the speed limit to 45 mph
- Widen NC 56
- Do not widen NC 56

- Add sidewalks or sidepaths

Eastern Segment:

- Add traffic light around US 15 and NC 56
- Improve traffic flow around dog leg intersection

Additional Comments:

- Add bypass around this area
- Widen NC 56
- Improve access to businesses around interstate

APPENDICES

I. Traffic Count Data

II. Level-of-Service Analysis Reports

III. Crash Data & Analysis

Appendix I: Traffic Count Data

Intersection Counts

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ 33rd
Site Code :
Start Date : 11/19/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST - Bicycles on Crosswalk - Pedestrians

	33rd Street Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	15	0	4	0	0	47	53	0	0	0	0	0	0	34	0	0	0	153	153
07:15 AM	28	0	2	0	0	61	65	0	0	0	0	0	1	37	0	0	0	194	194
07:30 AM	37	0	6	0	0	61	65	0	0	0	0	0	1	49	0	0	0	219	219
07:45 AM	25	0	6	0	0	139	44	0	0	0	0	0	0	52	0	0	0	266	266
Total	105	0	18	0	0	308	227	0	0	0	0	0	2	172	0	0	0	832	832
08:00 AM	39	0	6	0	0	82	36	0	0	0	0	0	1	47	0	0	0	211	211
08:15 AM	16	0	2	0	0	74	36	0	0	0	0	0	2	39	0	0	0	169	169
08:30 AM	9	0	2	0	0	58	21	0	0	0	0	0	0	44	0	0	0	134	134
08:45 AM	17	0	1	0	0	45	28	0	0	0	0	0	3	36	0	0	0	130	130
Total	81	0	11	0	0	259	121	0	0	0	0	0	6	166	0	0	0	644	644
*** ***																			
11:00 AM	17	0	8	0	0	40	23	0	0	0	0	0	3	60	0	0	0	151	151
11:15 AM	21	0	2	0	0	53	19	0	0	0	0	0	3	40	0	0	0	138	138
11:30 AM	47	0	2	0	0	54	22	0	0	0	0	0	0	71	0	0	0	196	196
11:45 AM	34	0	4	0	0	59	52	0	0	0	0	0	4	60	0	0	0	213	213
Total	119	0	16	0	0	206	116	0	0	0	0	0	10	231	0	0	0	698	698
12:00 PM	31	0	3	0	0	61	23	0	0	0	0	0	2	90	0	0	0	210	210
12:15 PM	18	0	4	0	0	72	22	0	0	0	0	0	2	81	0	0	0	199	199
12:30 PM	25	0	2	0	0	76	37	0	0	0	0	0	3	45	0	0	0	188	188
12:45 PM	34	0	5	0	0	78	29	0	0	0	0	0	3	68	0	0	0	217	217
Total	108	0	14	0	0	287	111	0	0	0	0	0	10	284	0	0	0	814	814
*** ***																			
04:00 PM	74	0	3	0	0	49	24	0	0	0	0	0	8	107	0	0	0	265	265
04:15 PM	42	0	2	0	0	54	31	0	0	0	0	0	3	91	0	0	0	223	223
04:30 PM	53	0	4	0	0	53	34	0	0	0	0	0	0	136	0	0	0	280	280
04:45 PM	40	0	2	0	0	52	30	0	0	0	0	0	2	75	0	0	0	201	201
Total	209	0	11	0	0	208	119	0	0	0	0	0	13	409	0	0	0	969	969
05:00 PM	51	0	2	0	0	56	42	0	0	0	0	0	4	145	0	0	0	300	300
05:15 PM	41	0	3	0	0	55	43	0	0	0	0	0	3	75	0	0	0	220	220
05:30 PM	30	0	2	0	0	63	30	0	0	0	0	0	3	79	0	0	0	207	207
05:45 PM	26	0	1	0	0	60	43	0	0	0	0	0	0	60	0	0	0	190	190
Total	148	0	8	0	0	234	158	0	0	0	0	0	10	359	0	0	0	917	917
Grand Total	770	0	78	0	0	1502	852	0	0	0	0	0	51	1621	0	0	0	4874	4874
Apprch %	90.8	0	9.2		0	63.8	36.2		0	0	0		3.1	96.9	0				
Total %	15.8	0	1.6		0	30.8	17.5		0	0	0		1	33.3	0		0	100	
Passenger Vehicles	710	0	78		0	1453	808		0	0	0		46	1562	0		0	0	4657
% Passenger Vehicles	92.2	0	100	0	0	96.7	94.8	0	0	0	0	0	90.2	96.4	0	0	0	0	95.5
Single Unit	20	0	0		0	34	16		0	0	0		2	38	0		0	0	110
% Single Unit	2.6	0	0	0	0	2.3	1.9	0	0	0	0	0	3.9	2.3	0	0	0	0	2.3
TTST	40	0	0		0	15	28		0	0	0		3	21	0		0	0	107
% TTST	5.2	0	0	0	0	1	3.3	0	0	0	0	0	5.9	1.3	0	0	0	0	2.2
Bicycles on Crosswalk	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ 33rd
Site Code :
Start Date : 11/19/2014
Page No : 2

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ 33rd
Site Code :
Start Date : 11/19/2014
Page No : 3

	33rd Street Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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	28	0	2	30	0	61	65	126	0	0	0	0	1	37	0	38	194
07:30 AM	37	0	6	43	0	61	65	126	0	0	0	0	1	49	0	50	219
07:45 AM	25	0	6	31	0	139	44	183	0	0	0	0	0	52	0	52	266
08:00 AM	39	0	6	45	0	82	36	118	0	0	0	0	1	47	0	48	211
Total Volume	129	0	20	149	0	343	210	553	0	0	0	0	3	185	0	188	890
% App. Total	86.6	0	13.4		0	62	38		0	0	0		1.6	98.4	0		
PHF	.827	.000	.833	.828	.000	.617	.808	.755	.000	.000	.000	.000	.750	.889	.000	.904	.836
Passenger Vehicles	112	0	20	132	0	334	205	539	0	0	0	0	2	174	0	176	847
% Passenger Vehicles	86.8	0	100	88.6	0	97.4	97.6	97.5	0	0	0	0	66.7	94.1	0	93.6	95.2
Single Unit	3	0	0	3	0	7	4	11	0	0	0	0	0	7	0	7	21
% Single Unit	2.3	0	0	2.0	0	2.0	1.9	2.0	0	0	0	0	0	3.8	0	3.7	2.4
TTST	14	0	0	14	0	2	1	3	0	0	0	0	1	4	0	5	22
% TTST	10.9	0	0	9.4	0	0.6	0.5	0.5	0	0	0	0	33.3	2.2	0	2.7	2.5
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ 33rd
Site Code :
Start Date : 11/19/2014
Page No : 4

	33rd Street Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:30 AM																	
11:30 AM	47	0	2	49	0	54	22	76	0	0	0	0	0	71	0	71	196
11:45 AM	34	0	4	38	0	59	52	111	0	0	0	0	4	60	0	64	213
12:00 PM	31	0	3	34	0	61	23	84	0	0	0	0	2	90	0	92	210
12:15 PM	18	0	4	22	0	72	22	94	0	0	0	0	2	81	0	83	199
Total Volume	130	0	13	143	0	246	119	365	0	0	0	0	8	302	0	310	818
% App. Total	90.9	0	9.1		0	67.4	32.6		0	0	0		2.6	97.4	0		
PHF	.691	.000	.813	.730	.000	.854	.572	.822	.000	.000	.000	.000	.500	.839	.000	.842	.960
Passenger Vehicles	127	0	13	140	0	231	113	344	0	0	0	0	8	294	0	302	786
% Passenger Vehicles	97.7	0	100	97.9	0	93.9	95.0	94.2	0	0	0	0	100	97.4	0	97.4	96.1
Single Unit	1	0	0	1	0	9	3	12	0	0	0	0	0	4	0	4	17
% Single Unit	0.8	0	0	0.7	0	3.7	2.5	3.3	0	0	0	0	0	1.3	0	1.3	2.1
TTST	2	0	0	2	0	6	3	9	0	0	0	0	0	4	0	4	15
% TTST	1.5	0	0	1.4	0	2.4	2.5	2.5	0	0	0	0	0	1.3	0	1.3	1.8
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ 33rd
Site Code :
Start Date : 11/19/2014
Page No : 5

	33rd Street Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	42	0	2	44	0	54	31	85	0	0	0	0	3	91	0	94	223
04:30 PM	53	0	4	57	0	53	34	87	0	0	0	0	0	136	0	136	280
04:45 PM	40	0	2	42	0	52	30	82	0	0	0	0	2	75	0	77	201
05:00 PM	51	0	2	53	0	56	42	98	0	0	0	0	4	145	0	149	300
Total Volume	186	0	10	196	0	215	137	352	0	0	0	0	9	447	0	456	1004
% App. Total	94.9	0	5.1		0	61.1	38.9		0	0	0		2	98	0		
PHF	.877	.000	.625	.860	.000	.960	.815	.898	.000	.000	.000	.000	.563	.771	.000	.765	.837
Passenger Vehicles	182	0	10	192	0	208	127	335	0	0	0	0	7	438	0	445	972
% Passenger Vehicles	97.8	0	100	98.0	0	96.7	92.7	95.2	0	0	0	0	77.8	98.0	0	97.6	96.8
Single Unit	1	0	0	1	0	5	1	6	0	0	0	0	0	8	0	8	15
% Single Unit	0.5	0	0	0.5	0	2.3	0.7	1.7	0	0	0	0	0	1.8	0	1.8	1.5
TTST	3	0	0	3	0	2	9	11	0	0	0	0	2	1	0	3	17
% TTST	1.6	0	0	1.5	0	0.9	6.6	3.1	0	0	0	0	22.2	0.2	0	0.7	1.7
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ West Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST - Bicycles on Crosswalk - Pedestrians

	West Lyon Station Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	79	0	10	0	0	93	21	0	0	0	0	0	10	33	0	0	0	246	246
07:15 AM	91	0	24	0	0	82	32	0	0	0	0	0	6	51	0	0	0	286	286
07:30 AM	113	0	28	0	0	107	21	0	0	0	0	0	10	72	0	0	0	351	351
07:45 AM	72	0	24	0	0	175	46	0	0	0	0	0	12	56	0	0	0	385	385
Total	355	0	86	0	0	457	120	0	0	0	0	0	38	212	0	0	0	1268	1268
08:00 AM	55	0	21	0	0	87	39	0	0	0	0	0	12	64	0	0	0	278	278
08:15 AM	60	0	23	0	0	78	27	0	0	0	0	0	9	53	0	0	0	250	250
08:30 AM	55	0	7	0	0	50	17	0	0	0	0	0	5	59	0	0	0	193	193
08:45 AM	47	0	9	0	0	54	45	0	0	0	0	0	11	38	0	0	0	204	204
Total	217	0	60	0	0	269	128	0	0	0	0	0	37	214	0	0	0	925	925
*** ***																			
11:00 AM	35	0	4	0	0	67	35	1	0	0	0	0	7	58	0	0	1	206	207
11:15 AM	33	0	10	0	0	57	22	0	0	0	0	0	8	72	0	0	0	202	202
11:30 AM	35	0	8	0	0	75	31	0	0	0	0	0	9	109	0	0	0	267	267
11:45 AM	30	0	17	0	0	98	39	0	0	0	0	0	11	112	0	0	0	307	307
Total	133	0	39	0	0	297	127	1	0	0	0	0	35	351	0	0	1	982	983
12:00 PM	31	0	16	0	0	103	46	0	0	0	0	0	22	135	0	0	0	353	353
12:15 PM	56	0	15	0	0	103	60	0	0	0	0	0	14	112	0	0	0	360	360
12:30 PM	25	0	24	0	0	88	46	0	0	0	0	0	10	84	0	0	0	277	277
12:45 PM	31	0	16	0	0	81	47	0	0	0	0	0	9	72	0	0	0	256	256
Total	143	0	71	0	0	375	199	0	0	0	0	0	55	403	0	0	0	1246	1246
*** ***																			
04:00 PM	40	0	9	0	0	47	75	0	0	0	0	0	24	151	0	0	0	346	346
04:15 PM	41	0	9	0	0	53	83	0	0	0	0	0	21	119	0	0	0	326	326
04:30 PM	42	0	11	0	0	85	92	0	0	0	0	0	24	187	0	0	0	441	441
04:45 PM	47	0	10	0	0	91	93	0	0	0	0	0	17	113	0	0	0	371	371
Total	170	0	39	0	0	276	343	0	0	0	0	0	86	570	0	0	0	1484	1484
05:00 PM	47	0	12	0	0	82	110	0	0	0	0	0	21	164	0	0	0	436	436
05:15 PM	37	0	12	0	0	81	97	0	0	0	0	0	13	94	0	0	0	334	334
05:30 PM	64	0	7	0	0	63	101	0	0	0	0	0	15	94	0	0	0	344	344
05:45 PM	55	0	8	0	0	75	77	0	0	0	0	0	14	75	0	0	0	304	304
Total	203	0	39	0	0	301	385	0	0	0	0	0	63	427	0	0	0	1418	1418
Grand Total	1221	0	334	0	0	1975	1302	1	0	0	0	0	314	2177	0	0	1	7323	7324
Apprch %	78.5	0	21.5		0	60.3	39.7		0	0	0		12.6	87.4	0				
Total %	16.7	0	4.6		0	27	17.8		0	0	0		4.3	29.7	0		0	100	
Passenger Vehicles	1155	0	322		0	1895	1240		0	0	0		296	2098	0		0	0	7006
% Passenger Vehicles	94.6	0	96.4	0	0	95.9	95.2	0	0	0	0	0	94.3	96.4	0	0	0	0	95.7
Single Unit	39	0	9		0	27	31		0	0	0		13	29	0		0	0	148
% Single Unit	3.2	0	2.7	0	0	1.4	2.4	0	0	0	0	0	4.1	1.3	0	0	0	0	2
TTST	27	0	3		0	53	31		0	0	0		5	50	0		0	0	169
% TTST	2.2	0	0.9	0	0	2.7	2.4	0	0	0	0	0	1.6	2.3	0	0	0	0	2.3
Bicycles on Crosswalk	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0		0	0	0		0	0	0		0	0	0		0	0	1
% Pedestrians	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ West Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 2

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ West Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 3

	West Lyon Station Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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	91	0	24	115	0	82	32	114	0	0	0	0	6	51	0	57	286
07:30 AM	113	0	28	141	0	107	21	128	0	0	0	0	10	72	0	82	351
07:45 AM	72	0	24	96	0	175	46	221	0	0	0	0	12	56	0	68	385
08:00 AM	55	0	21	76	0	87	39	126	0	0	0	0	12	64	0	76	278
Total Volume	331	0	97	428	0	451	138	589	0	0	0	0	40	243	0	283	1300
% App. Total	77.3	0	22.7		0	76.6	23.4		0	0	0		14.1	85.9	0		
PHF	.732	.000	.866	.759	.000	.644	.750	.666	.000	.000	.000	.000	.833	.844	.000	.863	.844
Passenger Vehicles	317	0	92	409	0	444	129	573	0	0	0	0	35	230	0	265	1247
% Passenger Vehicles	95.8	0	94.8	95.6	0	98.4	93.5	97.3	0	0	0	0	87.5	94.7	0	93.6	95.9
Single Unit	11	0	4	15	0	3	6	9	0	0	0	0	4	5	0	9	33
% Single Unit	3.3	0	4.1	3.5	0	0.7	4.3	1.5	0	0	0	0	10.0	2.1	0	3.2	2.5
TTST	3	0	1	4	0	4	3	7	0	0	0	0	1	8	0	9	20
% TTST	0.9	0	1.0	0.9	0	0.9	2.2	1.2	0	0	0	0	2.5	3.3	0	3.2	1.5
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ West Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 4

	West Lyon Station Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:45 AM																	
11:45 AM	30	0	17	47	0	98	39	137	0	0	0	0	11	112	0	123	307
12:00 PM	31	0	16	47	0	103	46	149	0	0	0	0	22	135	0	157	353
12:15 PM	56	0	15	71	0	103	60	163	0	0	0	0	14	112	0	126	360
12:30 PM	25	0	24	49	0	88	46	134	0	0	0	0	10	84	0	94	277
Total Volume	142	0	72	214	0	392	191	583	0	0	0	0	57	443	0	500	1297
% App. Total	66.4	0	33.6		0	67.2	32.8		0	0	0		11.4	88.6	0		
PHF	.634	.000	.750	.754	.000	.951	.796	.894	.000	.000	.000	.000	.648	.820	.000	.796	.901
Passenger Vehicles	129	0	70	199	0	371	178	549	0	0	0	0	52	426	0	478	1226
% Passenger Vehicles	90.8	0	97.2	93.0	0	94.6	93.2	94.2	0	0	0	0	91.2	96.2	0	95.6	94.5
Single Unit	5	0	2	7	0	5	6	11	0	0	0	0	3	10	0	13	31
% Single Unit	3.5	0	2.8	3.3	0	1.3	3.1	1.9	0	0	0	0	5.3	2.3	0	2.6	2.4
TTST	8	0	0	8	0	16	7	23	0	0	0	0	2	7	0	9	40
% TTST	5.6	0	0	3.7	0	4.1	3.7	3.9	0	0	0	0	3.5	1.6	0	1.8	3.1
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ West Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 5

	West Lyon Station Southbound				NC 56 Westbound				No Approach Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	42	0	11	53	0	85	92	177	0	0	0	0	24	187	0	211	441
04:45 PM	47	0	10	57	0	91	93	184	0	0	0	0	17	113	0	130	371
05:00 PM	47	0	12	59	0	82	110	192	0	0	0	0	21	164	0	185	436
05:15 PM	37	0	12	49	0	81	97	178	0	0	0	0	13	94	0	107	334
Total Volume	173	0	45	218	0	339	392	731	0	0	0	0	75	558	0	633	1582
% App. Total	79.4	0	20.6		0	46.4	53.6		0	0	0		11.8	88.2	0		
PHF	.920	.000	.938	.924	.000	.931	.891	.952	.000	.000	.000	.000	.781	.746	.000	.750	.897
Passenger Vehicles	165	0	43	208	0	328	386	714	0	0	0	0	73	548	0	621	1543
% Passenger Vehicles	95.4	0	95.6	95.4	0	96.8	98.5	97.7	0	0	0	0	97.3	98.2	0	98.1	97.5
Single Unit	6	0	2	8	0	5	3	8	0	0	0	0	2	4	0	6	22
% Single Unit	3.5	0	4.4	3.7	0	1.5	0.8	1.1	0	0	0	0	2.7	0.7	0	0.9	1.4
TTST	2	0	0	2	0	6	3	9	0	0	0	0	0	6	0	6	17
% TTST	1.2	0	0	0.9	0	1.8	0.8	1.2	0	0	0	0	0	1.1	0	0.9	1.1
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 SB
Site Code :
Start Date : 11/20/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST - Bicycles on Crosswalk - Pedestrians

	I-85 Southbound Off-Ramp Southbound				NC 56 Westbound				I-85 Southbound On-Ramp Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	18	0	38	0	38	72	0	0	0	0	0	0	0	70	36	0	0	272	272
07:15 AM	20	0	30	0	43	85	0	0	0	0	0	0	0	77	59	0	0	314	314
07:30 AM	30	0	47	0	29	84	0	0	0	0	0	0	0	99	68	0	0	357	357
07:45 AM	40	0	59	0	34	160	0	0	0	0	0	0	0	82	35	0	0	410	410
Total	108	0	174	0	144	401	0	0	0	0	0	0	0	328	198	0	0	1353	1353
08:00 AM	23	0	21	0	39	105	0	0	0	0	0	0	0	86	33	0	0	307	307
08:15 AM	21	0	23	0	35	82	0	0	0	0	0	0	0	74	40	0	0	275	275
08:30 AM	18	0	13	0	37	62	0	0	0	0	0	0	0	82	31	0	0	243	243
08:45 AM	20	0	10	0	40	89	0	0	0	0	0	0	0	66	21	0	0	246	246
Total	82	0	67	0	151	338	0	0	0	0	0	0	0	308	125	0	0	1071	1071
*** ***																			
11:00 AM	24	0	11	0	20	91	0	0	0	0	0	1	0	80	15	0	1	241	242
11:15 AM	23	0	7	1	20	71	0	0	0	0	0	0	0	86	19	0	1	226	227
11:30 AM	22	0	12	0	32	96	0	0	0	0	0	0	0	130	14	0	0	306	306
11:45 AM	22	0	13	0	29	122	0	0	0	0	0	0	0	142	5	0	0	333	333
Total	91	0	43	1	101	380	0	0	0	0	0	1	0	438	53	0	2	1106	1108
12:00 PM	15	0	13	0	26	137	0	0	0	0	0	0	0	160	13	0	0	364	364
12:15 PM	25	0	13	0	40	150	0	0	0	0	0	0	0	145	23	0	0	396	396
12:30 PM	20	0	10	0	36	121	0	0	0	0	0	0	0	95	10	0	0	292	292
12:45 PM	22	0	19	0	32	111	0	0	0	0	0	0	0	96	13	0	0	293	293
Total	82	0	55	0	134	519	0	0	0	0	0	0	0	496	59	0	0	1345	1345
*** ***																			
04:00 PM	25	0	10	0	23	113	0	0	0	0	0	0	0	170	15	0	0	356	356
04:15 PM	19	0	13	0	30	122	0	0	0	0	0	0	0	152	14	0	0	350	350
04:30 PM	21	0	20	0	35	159	0	0	0	0	0	0	0	205	25	0	0	465	465
04:45 PM	32	0	24	0	41	162	0	0	0	0	0	0	0	131	31	0	0	421	421
Total	97	0	67	0	129	556	0	0	0	0	0	0	0	658	85	0	0	1592	1592
05:00 PM	33	0	24	0	28	154	0	0	0	0	0	0	0	197	34	0	0	470	470
05:15 PM	31	0	30	0	43	147	0	0	0	0	0	0	0	114	19	0	0	384	384
05:30 PM	26	0	14	0	25	150	0	0	0	0	0	0	0	135	26	0	0	376	376
05:45 PM	25	0	16	0	27	144	0	0	0	0	0	0	0	106	23	0	0	341	341
Total	115	0	84	0	123	595	0	0	0	0	0	0	0	552	102	0	0	1571	1571
Grand Total	575	0	490	1	782	2789	0	0	0	0	0	1	0	2780	622	0	2	8038	8040
Apprch %	54	0	46		21.9	78.1	0		0	0	0		0	81.7	18.3				
Total %	7.2	0	6.1		9.7	34.7	0		0	0	0		0	34.6	7.7		0	100	
Passenger Vehicles	539	0	440		719	2711	0		0	0	0		0	2682	581		0	0	7672
% Passenger Vehicles	93.7	0	89.8	0	91.9	97.2	0	0	0	0	0	0	0	96.5	93.4	0	0	0	95.4
Single Unit	18	0	10		32	26	0		0	0	0		0	44	19		0	0	149
% Single Unit	3.1	0	2	0	4.1	0.9	0	0	0	0	0	0	0	1.6	3.1	0	0	0	1.9
TTST	18	0	40		31	52	0		0	0	0		0	54	22		0	0	217
% TTST	3.1	0	8.2	0	4	1.9	0	0	0	0	0	0	0	1.9	3.5	0	0	0	2.7
Bicycles on Crosswalk	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0		0	0	0		0	0	0		0	0	0		0	0	2
% Pedestrians	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 SB
Site Code :
Start Date : 11/20/2014
Page No : 2

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 SB
Site Code :
Start Date : 11/20/2014
Page No : 3

	I-85 Southbound Off-Ramp Southbound				NC 56 Westbound				I-85 Southbound On-Ramp Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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	20	0	30	50	43	85	0	128	0	0	0	0	0	77	59	136	314
07:30 AM	30	0	47	77	29	84	0	113	0	0	0	0	0	99	68	167	357
07:45 AM	40	0	59	99	34	160	0	194	0	0	0	0	0	82	35	117	410
08:00 AM	23	0	21	44	39	105	0	144	0	0	0	0	0	86	33	119	307
Total Volume	113	0	157	270	145	434	0	579	0	0	0	0	0	344	195	539	1388
% App. Total	41.9	0	58.1		25	75	0		0	0	0		0	63.8	36.2		
PHF	.706	.000	.665	.682	.843	.678	.000	.746	.000	.000	.000	.000	.000	.869	.717	.807	.846
Passenger Vehicles	107	0	149	256	138	426	0	564	0	0	0	0	0	332	183	515	1335
% Passenger Vehicles	94.7	0	94.9	94.8	95.2	98.2	0	97.4	0	0	0	0	0	96.5	93.8	95.5	96.2
Single Unit	4	0	4	8	6	4	0	10	0	0	0	0	0	7	6	13	31
% Single Unit	3.5	0	2.5	3.0	4.1	0.9	0	1.7	0	0	0	0	0	2.0	3.1	2.4	2.2
TTST	2	0	4	6	1	4	0	5	0	0	0	0	0	5	6	11	22
% TTST	1.8	0	2.5	2.2	0.7	0.9	0	0.9	0	0	0	0	0	1.5	3.1	2.0	1.6
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 SB
Site Code :
Start Date : 11/20/2014
Page No : 4

	I-85 Southbound Off-Ramp Southbound				NC 56 Westbound				I-85 Southbound On-Ramp Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:30 AM																	
11:30 AM	22	0	12	34	32	96	0	128	0	0	0	0	0	130	14	144	306
11:45 AM	22	0	13	35	29	122	0	151	0	0	0	0	0	142	5	147	333
12:00 PM	15	0	13	28	26	137	0	163	0	0	0	0	0	160	13	173	364
12:15 PM	25	0	13	38	40	150	0	190	0	0	0	0	0	145	23	168	396
Total Volume	84	0	51	135	127	505	0	632	0	0	0	0	0	577	55	632	1399
% App. Total	62.2	0	37.8		20.1	79.9	0		0	0	0		0	91.3	8.7		
PHF	.840	.000	.981	.888	.794	.842	.000	.832	.000	.000	.000	.000	.000	.902	.598	.913	.883
Passenger Vehicles	77	0	39	116	113	492	0	605	0	0	0	0	0	553	45	598	1319
% Passenger Vehicles	91.7	0	76.5	85.9	89.0	97.4	0	95.7	0	0	0	0	0	95.8	81.8	94.6	94.3
Single Unit	3	0	2	5	6	3	0	9	0	0	0	0	0	11	3	14	28
% Single Unit	3.6	0	3.9	3.7	4.7	0.6	0	1.4	0	0	0	0	0	1.9	5.5	2.2	2.0
TTST	4	0	10	14	8	10	0	18	0	0	0	0	0	13	7	20	52
% TTST	4.8	0	19.6	10.4	6.3	2.0	0	2.8	0	0	0	0	0	2.3	12.7	3.2	3.7
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 SB
Site Code :
Start Date : 11/20/2014
Page No : 5

	I-85 Southbound Off-Ramp Southbound				NC 56 Westbound				I-85 Southbound On-Ramp Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	21	0	20	41	35	159	0	194	0	0	0	0	0	205	25	230	465
04:45 PM	32	0	24	56	41	162	0	203	0	0	0	0	0	131	31	162	421
05:00 PM	33	0	24	57	28	154	0	182	0	0	0	0	0	197	34	231	470
05:15 PM	31	0	30	61	43	147	0	190	0	0	0	0	0	114	19	133	384
Total Volume	117	0	98	215	147	622	0	769	0	0	0	0	0	647	109	756	1740
% App. Total	54.4	0	45.6		19.1	80.9	0		0	0	0		0	85.6	14.4		
PHF	.886	.000	.817	.881	.855	.960	.000	.947	.000	.000	.000	.000	.000	.789	.801	.818	.926
Passenger Vehicles	113	0	95	208	135	608	0	743	0	0	0	0	0	635	103	738	1689
% Passenger Vehicles	96.6	0	96.9	96.7	91.8	97.7	0	96.6	0	0	0	0	0	98.1	94.5	97.6	97.1
Single Unit	1	0	1	2	5	5	0	10	0	0	0	0	0	6	4	10	22
% Single Unit	0.9	0	1.0	0.9	3.4	0.8	0	1.3	0	0	0	0	0	0.9	3.7	1.3	1.3
TTST	3	0	2	5	7	9	0	16	0	0	0	0	0	6	2	8	29
% TTST	2.6	0	2.0	2.3	4.8	1.4	0	2.1	0	0	0	0	0	0.9	1.8	1.1	1.7
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 NB
Site Code :
Start Date : 11/20/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST - Bicycles on Crosswalk - Pedestrians

	I-85 Northbound On-Ramp Southbound				NC 56 Westbound				I-85 Northbound Off-Ramp Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	0	0	0	0	0	101	16	0	5	1	18	0	11	81	0	0	0	233	233
07:15 AM	0	0	0	0	0	112	15	0	15	1	23	0	10	88	0	0	0	264	264
07:30 AM	0	0	0	0	0	110	18	0	10	0	28	0	22	121	0	0	0	309	309
07:45 AM	0	0	0	0	0	165	18	0	28	1	30	0	9	125	0	0	0	376	376
Total	0	0	0	0	0	488	67	0	58	3	99	0	52	415	0	0	0	1182	1182
08:00 AM	0	0	0	0	0	115	12	0	24	0	33	0	20	86	0	0	0	290	290
08:15 AM	0	0	0	0	0	104	22	0	17	0	31	0	9	85	0	0	0	268	268
08:30 AM	0	0	0	0	0	96	20	0	6	0	34	0	11	88	0	0	0	255	255
08:45 AM	0	0	0	0	0	115	18	0	11	0	34	0	10	75	0	0	0	263	263
Total	0	0	0	0	0	430	72	0	58	0	132	0	50	334	0	0	0	1076	1076
*** ***																			
11:00 AM	0	0	0	0	0	104	17	0	13	1	21	1	8	100	0	0	1	264	265
11:15 AM	0	0	0	1	0	85	24	0	6	0	41	0	11	95	0	0	1	262	263
11:30 AM	0	0	0	0	0	116	20	0	10	0	34	0	10	143	0	0	0	333	333
11:45 AM	0	0	0	0	0	144	20	0	6	0	34	0	12	151	0	0	0	367	367
Total	0	0	0	1	0	449	81	0	35	1	130	1	41	489	0	0	2	1226	1228
12:00 PM	0	0	0	0	0	152	25	0	11	0	37	0	10	165	0	0	0	400	400
12:15 PM	0	0	0	0	0	184	24	0	14	0	38	0	7	165	0	0	0	432	432
12:30 PM	0	0	0	0	0	141	31	0	16	0	37	0	12	103	0	0	0	340	340
12:45 PM	0	0	0	0	0	140	18	0	8	0	33	0	15	101	0	0	0	315	315
Total	0	0	0	0	0	617	98	0	49	0	145	0	44	534	0	0	0	1487	1487
*** ***																			
04:00 PM	0	0	0	0	0	114	40	0	33	0	53	0	40	153	0	0	0	433	433
04:15 PM	0	0	0	0	0	122	42	0	40	0	54	0	29	136	0	0	0	423	423
04:30 PM	0	0	0	0	0	161	65	0	40	0	44	0	55	166	0	0	0	531	531
04:45 PM	0	0	0	0	0	160	40	0	32	0	58	0	30	130	0	0	0	450	450
Total	0	0	0	0	0	557	187	0	145	0	209	0	154	585	0	0	0	1837	1837
05:00 PM	0	0	0	0	0	163	32	0	37	0	77	0	45	185	0	0	0	539	539
05:15 PM	0	0	0	0	0	152	36	0	42	0	81	0	20	126	0	0	0	457	457
05:30 PM	0	0	0	0	0	145	37	0	36	0	69	0	15	147	0	0	0	449	449
05:45 PM	0	0	0	0	0	140	33	0	33	0	60	0	13	123	0	0	0	402	402
Total	0	0	0	0	0	600	138	0	148	0	287	0	93	581	0	0	0	1847	1847
Grand Total	0	0	0	1	0	3141	643	0	493	4	1002	1	434	2938	0	0	2	8655	8657
Apprch %	0	0	0		0	83	17		32.9	0.3	66.8		12.9	87.1	0				
Total %	0	0	0		0	36.3	7.4		5.7	0	11.6		5	33.9	0		0	100	
Passenger Vehicles	0	0	0		0	3012	609		451	3	927		395	2838	0		0	0	8235
% Passenger Vehicles	0	0	0	0	0	95.9	94.7	0	91.5	75	92.5	0	91	96.6	0	0	0	0	95.1
Single Unit	0	0	0		0	78	14		14	0	35		10	57	0		0	0	208
% Single Unit	0	0	0	0	0	2.5	2.2	0	2.8	0	3.5	0	2.3	1.9	0	0	0	0	2.4
TTST	0	0	0		0	51	20		28	1	40		29	43	0		0	0	212
% TTST	0	0	0	0	0	1.6	3.1	0	5.7	25	4	0	6.7	1.5	0	0	0	0	2.4
Bicycles on Crosswalk	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0		0	0	0		0	0	0		0	0	0		0	0	2
% Pedestrians	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 NB
Site Code :
Start Date : 11/20/2014
Page No : 2

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 NB
Site Code :
Start Date : 11/20/2014
Page No : 3

	I-85 Northbound On-Ramp Southbound				NC 56 Westbound				I-85 Northbound Off-Ramp Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 07:30 AM																	
07:30 AM	0	0	0	0	0	110	18	128	10	0	28	38	22	121	0	143	309
07:45 AM	0	0	0	0	0	165	18	183	28	1	30	59	9	125	0	134	376
08:00 AM	0	0	0	0	0	115	12	127	24	0	33	57	20	86	0	106	290
08:15 AM	0	0	0	0	0	104	22	126	17	0	31	48	9	85	0	94	268
Total Volume	0	0	0	0	0	494	70	564	79	1	122	202	60	417	0	477	1243
% App. Total	0	0	0		0	87.6	12.4		39.1	0.5	60.4		12.6	87.4	0		
PHF	.000	.000	.000	.000	.000	.748	.795	.770	.705	.250	.924	.856	.682	.834	.000	.834	.826
Passenger Vehicles	0	0	0	0	0	478	65	543	74	1	110	185	55	405	0	460	1188
% Passenger Vehicles	0	0	0	0	0	96.8	92.9	96.3	93.7	100	90.2	91.6	91.7	97.1	0	96.4	95.6
Single Unit	0	0	0	0	0	12	4	16	1	0	5	6	3	5	0	8	30
% Single Unit	0	0	0	0	0	2.4	5.7	2.8	1.3	0	4.1	3.0	5.0	1.2	0	1.7	2.4
TTST	0	0	0	0	0	4	1	5	4	0	7	11	2	7	0	9	25
% TTST	0	0	0	0	0	0.8	1.4	0.9	5.1	0	5.7	5.4	3.3	1.7	0	1.9	2.0
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 NB
Site Code :
Start Date : 11/20/2014
Page No : 4

	I-85 Northbound On-Ramp Southbound				NC 56 Westbound				I-85 Northbound Off-Ramp Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:45 AM																	
11:45 AM	0	0	0	0	0	144	20	164	6	0	34	40	12	151	0	163	367
12:00 PM	0	0	0	0	0	152	25	177	11	0	37	48	10	165	0	175	400
12:15 PM	0	0	0	0	0	184	24	208	14	0	38	52	7	165	0	172	432
12:30 PM	0	0	0	0	0	141	31	172	16	0	37	53	12	103	0	115	340
Total Volume	0	0	0	0	0	621	100	721	47	0	146	193	41	584	0	625	1539
% App. Total	0	0	0		0	86.1	13.9		24.4	0	75.6		6.6	93.4	0		
PHF	.000	.000	.000	.000	.000	.844	.806	.867	.734	.000	.961	.910	.854	.885	.000	.893	.891
Passenger Vehicles	0	0	0	0	0	592	93	685	39	0	135	174	33	561	0	594	1453
% Passenger Vehicles	0	0	0	0	0	95.3	93.0	95.0	83.0	0	92.5	90.2	80.5	96.1	0	95.0	94.4
Single Unit	0	0	0	0	0	17	2	19	3	0	6	9	2	15	0	17	45
% Single Unit	0	0	0	0	0	2.7	2.0	2.6	6.4	0	4.1	4.7	4.9	2.6	0	2.7	2.9
TTST	0	0	0	0	0	12	5	17	5	0	5	10	6	8	0	14	41
% TTST	0	0	0	0	0	1.9	5.0	2.4	10.6	0	3.4	5.2	14.6	1.4	0	2.2	2.7
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ I-85 NB
Site Code :
Start Date : 11/20/2014
Page No : 5

	I-85 Northbound On-Ramp Southbound				NC 56 Westbound				I-85 Northbound Off-Ramp Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	161	65	226	40	0	44	84	55	166	0	221	531
04:45 PM	0	0	0	0	0	160	40	200	32	0	58	90	30	130	0	160	450
05:00 PM	0	0	0	0	0	163	32	195	37	0	77	114	45	185	0	230	539
05:15 PM	0	0	0	0	0	152	36	188	42	0	81	123	20	126	0	146	457
Total Volume	0	0	0	0	0	636	173	809	151	0	260	411	150	607	0	757	1977
% App. Total	0	0	0		0	78.6	21.4		36.7	0	63.3		19.8	80.2	0		
PHF	.000	.000	.000	.000	.000	.975	.665	.895	.899	.000	.802	.835	.682	.820	.000	.823	.917
Passenger Vehicles	0	0	0	0	0	614	169	783	146	0	250	396	147	594	0	741	1920
% Passenger Vehicles	0	0	0	0	0	96.5	97.7	96.8	96.7	0	96.2	96.4	98.0	97.9	0	97.9	97.1
Single Unit	0	0	0	0	0	12	2	14	2	0	7	9	0	7	0	7	30
% Single Unit	0	0	0	0	0	1.9	1.2	1.7	1.3	0	2.7	2.2	0	1.2	0	0.9	1.5
TTST	0	0	0	0	0	10	2	12	3	0	3	6	3	6	0	9	27
% TTST	0	0	0	0	0	1.6	1.2	1.5	2.0	0	1.2	1.5	2.0	1.0	0	1.2	1.4
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ East Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST - Bicycles on Crosswalk - Pedestrians

	Driveway (W) Southbound					Driveway (E) Southwestbound					NC 56 Westbound					East Lyon Station Northbound					NC 56 Eastbound							
Start Time	Hard Left	Bear Left	Bear Right	Hard Right	Peds	Left	Thru	Right	Hard Right	Peds	Left	Thru	Bear Right	Right	Peds	Left	Bear Left	Thru	Right	Peds	Hard Left	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	0	0	0	1	0	0	0	1	0	0	6	87	0	1	0	9	0	0	10	0	0	0	58	29	0	0	202	202
07:15 AM	0	0	1	0	0	2	0	0	0	0	17	107	0	3	1	13	0	0	8	0	1	0	67	26	0	1	245	246
07:30 AM	0	0	0	2	0	0	0	0	0	0	28	103	0	4	0	15	0	0	10	0	0	0	79	44	0	0	285	285
07:45 AM	0	0	0	2	1	0	0	0	0	0	40	123	0	0	1	34	0	0	17	0	0	0	84	59	0	2	359	361
Total	0	0	1	5	1	2	0	1	0	0	91	420	0	8	2	71	0	0	45	0	1	0	288	158	0	3	1091	1094
08:00 AM	0	0	0	1	0	0	0	0	0	0	17	86	0	2	0	28	0	0	15	0	0	0	75	19	0	0	243	243
08:15 AM	0	0	0	3	0	0	0	0	0	0	14	103	0	4	0	22	1	0	11	0	0	0	79	21	0	0	258	258
08:30 AM	0	0	1	3	0	0	0	0	0	0	11	91	0	3	0	16	0	1	16	0	0	0	82	18	0	0	242	242
08:45 AM	0	1	1	0	0	0	1	1	0	0	25	101	0	2	0	14	0	0	22	0	1	0	73	25	0	0	267	267
Total	0	1	2	7	0	0	1	1	0	0	67	381	0	11	0	80	1	1	64	0	1	0	309	83	0	0	1010	1010
*** ***																												
11:00 AM	0	0	0	3	0	1	0	0	0	0	24	78	0	3	0	25	1	0	23	0	1	0	63	27	0	0	249	249
11:15 AM	0	0	0	2	0	0	0	1	0	0	17	69	0	2	0	24	0	0	22	0	1	0	89	22	0	0	249	249
11:30 AM	0	0	0	3	0	0	0	0	0	0	26	82	0	3	0	33	0	0	33	0	0	0	84	31	0	0	295	295
11:45 AM	0	1	0	3	0	0	0	1	0	0	16	102	0	2	0	38	0	0	33	0	4	0	91	21	0	0	312	312
Total	0	1	0	11	0	1	0	2	0	0	83	331	0	10	0	120	1	0	111	0	6	0	327	101	0	0	1105	1105
12:00 PM	0	0	0	2	0	2	0	1	0	1	23	100	0	4	1	47	0	0	34	0	3	0	89	30	0	2	335	337
12:15 PM	0	2	1	1	0	2	0	2	0	0	34	98	0	2	0	54	0	0	22	0	4	0	122	24	0	0	368	368
12:30 PM	0	0	0	0	0	0	1	5	0	0	29	88	0	3	0	21	0	0	24	0	2	0	94	15	0	0	282	282
12:45 PM	0	0	0	0	0	5	1	2	0	0	20	91	0	4	0	32	0	1	12	0	2	1	78	22	0	0	271	271
Total	0	2	1	3	0	9	2	10	0	1	106	377	0	13	1	154	0	1	92	0	11	1	383	91	0	2	1256	1258
*** ***																												
04:00 PM	0	0	0	4	0	3	0	0	0	0	12	83	0	3	0	55	1	0	17	0	3	0	137	22	0	0	340	340
04:15 PM	0	0	0	3	0	1	0	0	0	0	12	89	0	4	0	41	0	0	27	0	0	0	119	18	0	0	314	314
04:30 PM	0	0	0	3	0	0	0	0	0	0	19	108	0	3	0	106	0	0	32	0	0	0	133	19	0	0	423	423
04:45 PM	0	0	0	2	0	1	1	1	0	0	6	104	0	2	0	48	0	0	34	0	3	0	119	20	0	0	341	341
Total	0	0	0	12	0	5	1	1	0	0	49	384	0	12	0	250	1	0	110	0	6	0	508	79	0	0	1418	1418
05:00 PM	0	0	1	7	0	0	0	2	0	0	26	120	0	7	0	67	0	1	37	0	3	0	148	28	0	0	447	447
05:15 PM	0	0	1	3	0	2	0	1	0	0	23	87	0	1	0	62	0	1	38	0	1	0	136	28	0	0	384	384
05:30 PM	0	0	0	4	0	0	0	0	0	0	22	93	0	3	0	64	0	1	45	0	0	2	121	31	0	0	386	386
05:45 PM	0	1	0	2	0	1	0	1	0	0	31	102	0	0	0	37	0	1	33	0	1	0	112	32	0	0	354	354
Total	0	1	2	16	0	3	0	4	0	0	102	402	0	11	0	230	0	4	153	0	5	2	517	119	0	0	1571	1571
Grand Total	0	5	6	54	1	20	4	19	0	1	498	2295	0	65	3	905	3	6	575	0	30	3	2332	631	0	5	7451	7456
Apprch %	0	7.7	9.2	83.1		46.5	9.3	44.2	0		17.4	80.3	0	2.3		60.8	0.2	0.4	38.6		1	0.1	77.8	21.1				
Total %	0	0.1	0.1	0.7		0.3	0.1	0.3	0		6.7	30.8	0	0.9		12.1	0	0.1	7.7		0.4	0	31.3	8.5		0.1	99.9	
Passenger Vehicles												2209											2254					
% Passenger Vehicles	0	100	100	96.3	0	100	100	94.7	0	0	98.8	96.3	0	93.8	0	94.6	100	100	98.3	0	96.7	100	96.7	93.2	0	0	0	96.2
Single Unit	0	0	0	2		0	0	1	0		4	55	0	3		23	0	0	8		1	0	50	17		0	0	164
% Single Unit																												
TTST	0	0	0	0		0	0	0	0		2	31	0	1		26	0	0	2		0	0	28	26		0	0	116
% TTST	0	0	0	0	0	0	0	0	0	0	0.4	1.4	0	1.5	0	2.9	0	0	0.3	0	0	0	1.2	4.1	0	0	0	1.6
Bicycles on Crosswalk	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	5
% Pedestrians	0	0	0	0	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0.1

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ East Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 2

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ East Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 3

	Driveway (W) Southbound					Driveway (E) Southwestbound					NC 56 Westbound					East Lyon Station Northbound					NC 56 Eastbound					
Start Time	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Hard Left	Left	Thru	Right	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 07:30 AM																										
07:30 AM	0	0	0	2	2	0	0	0	0	0	28	103	0	4	135	15	0	0	10	25	0	0	79	44	123	285
07:45 AM	0	0	0	2	2	0	0	0	0	0	40	123	0	0	163	34	0	0	17	51	0	0	84	59	143	359
08:00 AM	0	0	0	1	1	0	0	0	0	0	17	86	0	2	105	28	0	0	15	43	0	0	75	19	94	243
08:15 AM	0	0	0	3	3	0	0	0	0	0	14	103	0	4	121	22	1	0	11	34	0	0	79	21	100	258
Total Volume	0	0	0	8	8	0	0	0	0	0	99	415	0	10	524	99	1	0	53	153	0	0	317	143	460	1145
% App. Total	0	0	0	100		0	0	0	0		18.9	79.2	0	1.9		64.7	0.7	0	34.6		0	0	68.9	31.1		
PHF	.000	.000	.000	.667	.667	.000	.000	.000	.000	.000	.619	.843	.000	.625	.804	.728	.250	.000	.779	.750	.000	.000	.943	.606	.804	.797
Passenger Vehicles	0	0	0	8	8	0	0	0	0	0	99	404	0	10	513	88	1	0	51	140	0	0	306	139	445	1106
% Passenger Vehicles	0	0	0	100	100	0	0	0	0	0	100	97.3	0	100	97.9	88.9	100	0	96.2	91.5	0	0	96.5	97.2	96.7	96.6
Single Unit	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	8	0	0	2	10	0	0	6	2	8	28
% Single Unit	0	0	0	0	0	0	0	0	0	0	0	2.4	0	0	1.9	8.1	0	0	3.8	6.5	0	0	1.9	1.4	1.7	2.4
TTST	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	0	3	0	0	5	2	7	11
% TTST	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.2	3.0	0	0	0	2.0	0	0	1.6	1.4	1.5	1.0
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ East Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 4

	Driveway (W) Southbound					Driveway (E) Southwestbound					NC 56 Westbound					East Lyon Station Northbound					NC 56 Eastbound					
Start Time	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Hard Left	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 11:30 AM																										
11:30 AM	0	0	0	3	3	0	0	0	0	0	26	82	0	3	111	33	0	0	33	66	0	0	84	31	115	295
11:45 AM	0	1	0	3	4	0	0	1	0	1	16	102	0	2	120	38	0	0	33	71	4	0	91	21	116	312
12:00 PM	0	0	0	2	2	2	0	1	0	3	23	100	0	4	127	47	0	0	34	81	3	0	89	30	122	335
12:15 PM	0	2	1	1	4	2	0	2	0	4	34	98	0	2	134	54	0	0	22	76	4	0	122	24	150	368
Total Volume	0	3	1	9	13	4	0	4	0	8	99	382	0	11	492	172	0	0	122	294	11	0	386	106	503	1310
% App. Total	0	23.1	7.7	69.2		50	0	50	0		20.1	77.6	0	2.2		58.5	0	0	41.5		2.2	0	76.7	21.1		
PHF	.000	.375	.250	.750	.813	.500	.000	.500	.000	.500	.728	.936	.000	.688	.918	.796	.000	.000	.897	.907	.688	.000	.791	.855	.838	.890
Passenger Vehicles	0	3	1	8	12	4	0	3	0	7	97	363	0	9	469	159	0	0	117	276	10	0	368	96	474	1238
% Passenger Vehicles	0	100	100	88.9	92.3	100	0	75.0	0	87.5	98.0	95.0	0	81.8	95.3	92.4	0	0	95.9	93.9	90.9	0	95.3	90.6	94.2	94.5
Single Unit	0	0	0	1	1	0	0	1	0	1	2	11	0	1	14	9	0	0	4	13	1	0	12	3	16	45
% Single Unit	0	0	0	11.1	7.7	0	0	25.0	0	12.5	2.0	2.9	0	9.1	2.8	5.2	0	0	3.3	4.4	9.1	0	3.1	2.8	3.2	3.4
TTST	0	0	0	0	0	0	0	0	0	0	0	8	0	1	9	4	0	0	1	5	0	0	6	7	13	27
% TTST	0	0	0	0	0	0	0	0	0	0	0	2.1	0	9.1	1.8	2.3	0	0	0.8	1.7	0	0	1.6	6.6	2.6	2.1
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ East Lyon Station
Site Code :
Start Date : 11/20/2014
Page No : 5

	Driveway (W) Southbound					Driveway (E) Southwestbound					NC 56 Westbound					East Lyon Station Northbound					NC 56 Eastbound					
Start Time	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Hard Left	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 04:30 PM																										
04:30 PM	0	0	0	3	3	0	0	0	0	0	19	108	0	3	130	106	0	0	32	138	0	0	133	19	152	423
04:45 PM	0	0	0	2	2	1	1	1	0	3	6	104	0	2	112	48	0	0	34	82	3	0	119	20	142	341
05:00 PM	0	0	1	7	8	0	0	2	0	2	26	120	0	7	153	67	0	1	37	105	3	0	148	28	179	447
05:15 PM	0	0	1	3	4	2	0	1	0	3	23	87	0	1	111	62	0	1	38	101	1	0	136	28	165	384
Total Volume	0	0	2	15	17	3	1	4	0	8	74	419	0	13	506	283	0	2	141	426	7	0	536	95	638	1595
% App. Total	0	0	11.8	88.2		37.5	12.5	50	0		14.6	82.8	0	2.6		66.4	0	0.5	33.1		1.1	0	84	14.9		
PHF	.000	.000	.500	.536	.531	.375	.250	.500	.000	.667	.712	.873	.000	.464	.827	.667	.000	.500	.928	.772	.583	.000	.905	.848	.891	.892
Passenger Vehicles	0	0	2	14	16	3	1	4	0	8	72	405	0	13	490	277	0	2	141	420	7	0	527	86	620	1554
% Passenger Vehicles	0	0	100	93.3	94.1	100	100	100	0	100	97.3	96.7	0	100	96.8	97.9	0	100	100	98.6	100	0	98.3	90.5	97.2	97.4
Single Unit	0	0	0	1	1	0	0	0	0	0	0	8	0	0	8	1	0	0	0	1	0	0	7	4	11	21
% Single Unit	0	0	0	6.7	5.9	0	0	0	0	0	0	1.9	0	0	1.6	0.4	0	0	0	0.2	0	0	1.3	4.2	1.7	1.3
TTST	0	0	0	0	0	0	0	0	0	0	2	6	0	0	8	5	0	0	0	5	0	0	2	5	7	20
% TTST	0	0	0	0	0	0	0	0	0	0	2.7	1.4	0	0	1.6	1.8	0	0	0	1.2	0	0	0.4	5.3	1.1	1.3
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - LAKE RD
Site Code : 00000001
Start Date : 11/5/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST

	US 15/NC 56 Southbound				Lake Road Westbound				US 15 Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	0	72	42	0	10	41	3	0	2	45	2	0	34	31	7	0	0	289	289
07:15 AM	1	77	41	0	17	41	2	0	1	50	3	0	43	33	10	0	0	319	319
07:30 AM	2	74	58	0	25	62	5	0	4	36	2	0	25	8	1	0	0	302	302
07:45 AM	3	55	48	0	9	86	2	0	6	37	0	0	23	32	12	0	0	313	313
Total	6	278	189	0	61	230	12	0	13	168	7	0	125	104	30	0	0	1223	1223
08:00 AM	1	63	32	0	11	57	4	0	5	44	2	0	41	32	18	0	0	310	310
08:15 AM	1	56	52	0	6	54	4	0	11	27	2	0	23	27	10	0	0	273	273
08:30 AM	4	38	41	0	1	40	3	0	7	19	1	0	30	39	10	0	0	233	233
08:45 AM	1	24	32	0	2	34	0	1	8	17	3	0	31	27	7	0	1	186	187
Total	7	181	157	0	20	185	11	1	31	107	8	0	125	125	45	0	1	1002	1003
09:00 AM	2	24	30	0	4	20	2	0	6	28	0	0	19	19	10	0	0	164	164
09:15 AM	2	43	19	0	0	24	0	0	2	24	0	0	24	26	4	0	0	168	168
09:30 AM	2	31	28	0	0	30	1	0	3	28	1	0	23	20	3	0	0	170	170
09:45 AM	1	20	37	0	0	33	2	0	1	31	1	0	22	14	3	1	1	165	166
Total	7	118	114	0	4	107	5	0	12	111	2	0	88	79	20	1	1	667	668
10:00 AM	1	29	23	0	1	29	5	0	12	26	3	0	22	31	6	0	0	188	188
10:15 AM	5	20	27	0	0	25	3	0	4	17	1	0	22	15	4	0	0	143	143
10:30 AM	0	20	14	0	1	13	0	0	8	16	1	0	18	17	3	0	0	111	111
10:45 AM	2	31	28	0	3	24	1	0	12	23	2	0	20	34	8	0	0	188	188
Total	8	100	92	0	5	91	9	0	36	82	7	0	82	97	21	0	0	630	630
11:00 AM	0	15	32	0	2	26	2	0	5	12	1	0	28	23	4	0	0	150	150
11:15 AM	3	27	28	0	0	22	5	0	8	12	3	0	15	31	4	0	0	158	158
11:30 AM	2	15	31	0	1	18	3	0	12	24	4	0	31	23	8	0	0	172	172
11:45 AM	2	31	36	0	6	42	3	1	8	21	1	0	27	34	11	0	1	222	223
Total	7	88	127	0	9	108	13	1	33	69	9	0	101	111	27	0	1	702	703
12:00 PM	3	16	26	0	4	30	3	0	12	12	2	0	33	39	7	0	0	187	187
12:15 PM	1	15	24	0	1	19	2	0	7	26	7	0	23	22	9	0	0	156	156
12:30 PM	4	31	45	0	3	27	4	0	12	21	6	0	28	30	11	0	0	222	222
12:45 PM	3	32	30	0	1	24	2	0	10	26	1	0	41	29	10	0	0	209	209
Total	11	94	125	0	9	100	11	0	41	85	16	0	125	120	37	0	0	774	774
01:00 PM	2	22	22	0	2	47	2	0	6	8	0	0	20	26	9	0	0	166	166
01:15 PM	2	22	26	0	2	44	1	0	8	17	0	0	24	28	8	0	0	182	182
01:30 PM	2	21	29	0	1	40	1	0	10	25	1	0	28	30	8	0	0	196	196
01:45 PM	2	19	31	0	1	37	0	0	12	30	1	0	29	31	9	0	0	202	202
Total	8	84	108	0	6	168	4	0	36	80	2	0	101	115	34	0	0	746	746
02:00 PM	1	22	40	0	2	29	3	0	19	41	0	0	46	36	10	0	0	249	249
02:15 PM	0	23	47	0	1	55	2	0	4	20	4	0	58	46	11	0	0	271	271
02:30 PM	6	23	27	0	1	33	2	0	11	37	3	0	37	41	15	0	0	236	236
02:45 PM	1	26	37	0	3	31	4	0	7	54	1	0	30	37	9	0	0	240	240
Total	8	94	151	0	7	148	11	0	41	152	8	0	171	160	45	0	0	996	996
03:00 PM	2	38	64	0	4	45	5	0	3	40	3	0	44	36	21	0	0	305	305
03:15 PM	3	31	32	0	1	31	1	0	5	57	3	0	60	33	10	0	0	267	267
03:30 PM	5	21	48	0	7	32	3	0	8	43	4	0	61	34	5	0	0	271	271
03:45 PM	7	35	49	0	6	62	4	0	5	46	4	0	59	49	11	0	0	337	337
Total	17	125	193	0	18	170	13	0	21	186	14	0	224	152	47	0	0	1180	1180
04:00 PM	4	34	28	0	7	41	3	0	5	56	3	0	52	37	13	0	0	283	283
04:15 PM	1	13	31	0	2	44	4	2	6	47	4	0	63	50	15	0	2	280	282
04:30 PM	1	38	43	0	1	38	1	0	22	76	3	0	60	53	15	2	2	351	353
04:45 PM	2	32	37	0	3	37	6	0	5	84	3	0	69	51	10	0	0	339	339
Total	8	117	139	0	13	160	14	2	38	263	13	0	244	191	53	2	4	1253	1257

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - LAKE RD
Site Code : 00000001
Start Date : 11/5/2014
Page No : 2

Groups Printed- Passenger Vehicles - Single Unit - TTST

	US 15/NC 56 Southbound				Lake Road Westbound				US 15 Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
05:00 PM	3	24	36	0	1	63	5	0	15	72	2	0	93	43	9	0	0	366	366
05:15 PM	0	51	40	0	5	57	3	0	15	89	4	0	64	45	10	0	0	383	383
05:30 PM	2	37	37	0	2	51	2	0	13	106	0	0	71	44	6	0	0	371	371
05:45 PM	4	28	40	0	2	48	2	0	6	74	0	0	38	34	2	0	0	278	278
Total	9	140	153	0	10	219	12	0	49	341	6	0	266	166	27	0	0	1398	1398
Grand Total	96	1419	1548	0	162	1686	115	4	351	1644	92	0	1652	1420	386	3	7	10571	10578
Apprch %	3.1	46.3	50.5		8.3	85.9	5.9		16.8	78.8	4.4		47.8	41.1	11.2				
Total %	0.9	13.4	14.6		1.5	15.9	1.1		3.3	15.6	0.9		15.6	13.4	3.7		0.1	99.9	
Passenger Vehicles	96	1340	1459		156	1664	115		344	1557	90		1572	1406	380		0	0	10185
% Passenger Vehicles	100	94.4	94.3	0	96.3	98.7	100	100	98	94.7	97.8	0	95.2	99	98.4	66.7	0	0	96.3
Single Unit	0	20	21		5	16	0		4	23	1		31	9	4		0	0	135
% Single Unit	0	1.4	1.4	0	3.1	0.9	0	0	1.1	1.4	1.1	0	1.9	0.6	1	33.3	0	0	1.3
TTST	0	59	68		1	6	0		3	64	1		49	5	2		0	0	258
% TTST	0	4.2	4.4	0	0.6	0.4	0	0	0.9	3.9	1.1	0	3	0.4	0.5	0	0	0	2.4

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - LAKE RD
Site Code : 00000001
Start Date : 11/5/2014
Page No : 3

	US 15/NC 56 Southbound				Lake Road Westbound				US 15 Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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	77	41	119	17	41	2	60	1	50	3	54	43	33	10	86	319
07:30 AM	2	74	58	134	25	62	5	92	4	36	2	42	25	8	1	34	302
07:45 AM	3	55	48	106	9	86	2	97	6	37	0	43	23	32	12	67	313
08:00 AM	1	63	32	96	11	57	4	72	5	44	2	51	41	32	18	91	310
Total Volume	7	269	179	455	62	246	13	321	16	167	7	190	132	105	41	278	1244
% App. Total	1.5	59.1	39.3		19.3	76.6	4		8.4	87.9	3.7		47.5	37.8	14.7		
PHF	.583	.873	.772	.849	.620	.715	.650	.827	.667	.835	.583	.880	.767	.795	.569	.764	.975
Passenger Vehicles	7	255	171	433	61	243	13	317	16	154	7	177	121	102	40	263	1190
% Passenger Vehicles	100	94.8	95.5	95.2	98.4	98.8	100	98.8	100	92.2	100	93.2	91.7	97.1	97.6	94.6	95.7
Single Unit	0	6	5	11	1	3	0	4	0	6	0	6	6	2	1	9	30
% Single Unit	0	2.2	2.8	2.4	1.6	1.2	0	1.2	0	3.6	0	3.2	4.5	1.9	2.4	3.2	2.4
TTST	0	8	3	11	0	0	0	0	0	7	0	7	5	1	0	6	24
% TTST	0	3.0	1.7	2.4	0	0	0	0	0	4.2	0	3.7	3.8	1.0	0	2.2	1.9

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - LAKE RD
Site Code : 00000001
Start Date : 11/5/2014
Page No : 4

	US 15/NC 56 Southbound				Lake Road Westbound				US 15 Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:45 AM																	
11:45 AM	2	31	36	69	6	42	3	51	8	21	1	30	27	34	11	72	222
12:00 PM	3	16	26	45	4	30	3	37	12	12	2	26	33	39	7	79	187
12:15 PM	1	15	24	40	1	19	2	22	7	26	7	40	23	22	9	54	156
12:30 PM	4	31	45	80	3	27	4	34	12	21	6	39	28	30	11	69	222
Total Volume	10	93	131	234	14	118	12	144	39	80	16	135	111	125	38	274	787
% App. Total	4.3	39.7	56		9.7	81.9	8.3		28.9	59.3	11.9		40.5	45.6	13.9		
PHF	.625	.750	.728	.731	.583	.702	.750	.706	.813	.769	.571	.844	.841	.801	.864	.867	.886
Passenger Vehicles	10	85	122	217	13	118	12	143	38	74	16	128	105	124	38	267	755
% Passenger Vehicles	100	91.4	93.1	92.7	92.9	100	100	99.3	97.4	92.5	100	94.8	94.6	99.2	100	97.4	95.9
Single Unit	0	1	3	4	0	0	0	0	0	1	0	1	3	1	0	4	9
% Single Unit	0	1.1	2.3	1.7	0	0	0	0	0	1.3	0	0.7	2.7	0.8	0	1.5	1.1
TTST	0	7	6	13	1	0	0	1	1	5	0	6	3	0	0	3	23
% TTST	0	7.5	4.6	5.6	7.1	0	0	0.7	2.6	6.3	0	4.4	2.7	0	0	1.1	2.9

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - LAKE RD
Site Code : 00000001
Start Date : 11/5/2014
Page No : 5

	US 15/NC 56 Southbound				Lake Road Westbound				US 15 Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	2	32	37	71	3	37	6	46	5	84	3	92	69	51	10	130	339
05:00 PM	3	24	36	63	1	63	5	69	15	72	2	89	93	43	9	145	366
05:15 PM	0	51	40	91	5	57	3	65	15	89	4	108	64	45	10	119	383
05:30 PM	2	37	37	76	2	51	2	55	13	106	0	119	71	44	6	121	371
Total Volume	7	144	150	301	11	208	16	235	48	351	9	408	297	183	35	515	1459
% App. Total	2.3	47.8	49.8		4.7	88.5	6.8		11.8	86	2.2		57.7	35.5	6.8		
PHF	.583	.706	.938	.827	.550	.825	.667	.851	.800	.828	.563	.857	.798	.897	.875	.888	.952
Passenger Vehicles	7	142	143	292	11	208	16	235	48	349	9	406	290	182	35	507	1440
% Passenger Vehicles	100	98.6	95.3	97.0	100	100	100	100	100	99.4	100	99.5	97.6	99.5	100	98.4	98.7
Single Unit	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	2	3
% Single Unit	0	0	0	0	0	0	0	0	0	0.3	0	0.2	0.3	0.5	0	0.4	0.2
TTST	0	2	7	9	0	0	0	0	0	1	0	1	6	0	0	6	16
% TTST	0	1.4	4.7	3.0	0	0	0	0	0	0.3	0	0.2	2.0	0	0	1.2	1.1

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - WILTON
Site Code : 00000002
Start Date : 11/5/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST

	US 15 Southbound				NC 56 Westbound				US 15/NC 56 Northbound				Driveway Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	3	19	0	0	93	0	4	0	0	7	53	0	0	0	0	0	0	179	179
07:15 AM	6	32	0	0	95	0	6	0	0	14	78	0	0	0	0	0	0	231	231
07:30 AM	4	40	0	0	93	0	7	0	0	14	50	0	0	0	0	0	0	208	208
07:45 AM	7	23	0	0	81	0	6	0	0	14	47	0	0	0	0	0	0	178	178
Total	20	114	0	0	362	0	23	0	0	49	228	0	0	0	0	0	0	796	796
08:00 AM	11	19	0	0	74	0	5	0	0	16	73	0	0	0	0	0	0	198	198
08:15 AM	5	24	0	0	87	0	10	0	0	14	42	0	0	0	0	0	0	182	182
08:30 AM	8	19	0	0	69	0	8	0	0	15	37	0	0	0	0	0	0	156	156
08:45 AM	4	15	0	0	55	0	5	0	0	13	34	0	0	0	0	0	0	126	126
Total	28	77	0	0	285	0	28	0	0	58	186	0	0	0	0	0	0	662	662
09:00 AM	4	12	0	0	32	0	10	0	0	16	34	0	0	0	0	0	0	108	108
09:15 AM	6	22	0	0	45	0	7	0	0	10	41	0	0	0	0	0	0	131	131
09:30 AM	8	18	0	0	41	0	7	0	0	9	39	0	0	0	0	0	0	122	122
09:45 AM	8	16	0	0	39	0	8	0	0	9	35	0	0	0	0	0	0	115	115
Total	26	68	0	0	157	0	32	0	0	44	149	0	0	0	0	0	0	476	476
10:00 AM	2	16	0	0	45	0	5	0	0	10	34	0	0	0	0	0	0	112	112
10:15 AM	1	18	0	0	38	0	10	0	0	9	31	0	0	0	0	0	0	107	107
10:30 AM	3	2	0	0	39	0	6	0	0	9	23	0	0	0	0	0	0	82	82
10:45 AM	4	15	0	0	48	0	7	0	0	8	36	0	0	0	0	0	0	118	118
Total	10	51	0	0	170	0	28	0	0	36	124	0	0	0	0	0	0	419	419
11:00 AM	4	14	0	0	40	0	7	0	0	13	32	0	0	0	0	0	0	110	110
11:15 AM	5	17	0	0	39	0	7	0	0	11	31	0	0	0	0	0	0	110	110
11:30 AM	6	11	0	0	39	0	10	0	0	13	37	0	0	0	0	0	0	116	116
11:45 AM	5	11	0	0	47	0	5	0	0	6	25	0	0	0	0	0	0	99	99
Total	20	53	0	0	165	0	29	0	0	43	125	0	0	0	0	0	0	435	435
12:00 PM	2	14	0	0	32	0	5	0	0	16	24	0	0	0	0	0	0	93	93
12:15 PM	8	12	0	7	28	0	6	0	0	10	28	0	0	0	0	0	7	92	99
12:30 PM	7	20	0	0	43	0	7	0	0	9	33	0	0	0	0	0	0	119	119
12:45 PM	3	17	0	0	39	0	6	0	0	16	29	0	0	0	0	0	0	110	110
Total	20	63	0	7	142	0	24	0	0	51	114	0	0	0	0	0	7	414	421
01:00 PM	0	15	0	0	34	0	8	0	0	11	22	0	0	0	0	0	0	90	90
01:15 PM	1	15	0	0	33	0	5	0	0	11	27	0	0	0	0	0	0	92	92
01:30 PM	2	15	0	0	33	0	4	0	0	12	35	0	0	0	0	0	0	101	101
01:45 PM	3	15	0	0	32	0	2	0	0	12	39	0	0	0	0	0	0	103	103
Total	6	60	0	0	132	0	19	0	0	46	123	0	0	0	0	0	0	386	386
02:00 PM	5	11	0	0	41	0	2	0	0	16	45	0	0	0	0	0	0	120	120
02:15 PM	7	17	0	0	51	0	5	0	0	11	50	0	0	0	0	0	0	141	141
02:30 PM	9	22	0	0	33	0	6	0	0	7	70	0	0	0	0	0	0	147	147
02:45 PM	5	14	0	0	47	0	2	0	0	18	72	0	0	0	0	0	0	158	158
Total	26	64	0	0	172	0	15	0	0	52	237	0	0	0	0	0	0	566	566
03:00 PM	11	24	0	0	68	0	11	0	0	32	55	0	0	0	0	0	0	201	201
03:15 PM	3	17	0	0	44	0	5	0	0	20	99	0	0	0	0	0	0	188	188
03:30 PM	8	24	0	0	51	0	7	0	0	10	99	0	0	0	0	0	0	199	199
03:45 PM	3	14	0	0	59	0	5	0	0	14	64	0	0	0	0	0	0	159	159
Total	25	79	0	0	222	0	28	0	0	76	317	0	0	0	0	0	0	747	747
04:00 PM	9	6	0	0	46	0	10	0	0	24	76	0	0	0	0	0	0	171	171
04:15 PM	15	19	0	0	40	0	2	0	0	23	93	0	0	0	0	0	0	192	192
04:30 PM	8	26	0	0	61	0	6	0	0	19	113	0	0	0	0	0	0	233	233
04:45 PM	9	17	0	0	52	0	7	0	0	37	136	1	0	0	0	0	1	258	259
Total	41	68	0	0	199	0	25	0	0	103	418	1	0	0	0	0	1	854	855

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - WILTON
Site Code : 00000002
Start Date : 11/5/2014
Page No : 2

Groups Printed- Passenger Vehicles - Single Unit - TTST

	US 15 Southbound				NC 56 Westbound				US 15/NC 56 Northbound				Driveway Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
05:00 PM	5	20	0	0	50	0	8	0	0	24	117	0	0	0	0	0	0	224	224
05:15 PM	5	15	0	0	45	0	2	0	0	14	102	0	0	0	0	0	0	183	183
05:30 PM	8	18	0	0	40	0	3	0	0	22	122	0	0	0	0	0	0	213	213
05:45 PM	7	17	0	0	45	0	2	0	0	14	127	0	0	0	0	0	0	212	212
Total	25	70	0	0	180	0	15	0	0	74	468	0	0	0	0	0	0	832	832
Grand Total	247	767	0	7	2186	0	266	0	0	632	2489	1	0	0	0	0	8	6587	6595
Apprch %	24.4	75.6	0		89.2	0	10.8		0	20.2	79.8		0	0	0				
Total %	3.7	11.6	0		33.2	0	4		0	9.6	37.8		0	0	0		0.1	99.9	
Passenger Vehicles	204	713	0		1986	0	216		0	606	2313		0	0	0		0	0	6045
% Passenger Vehicles	82.6	93	0	100	90.9	0	81.2	0	0	95.9	92.9	0	0	0	0	0	0	0	91.7
Single Unit	35	52	0		153	0	43		0	22	143		0	0	0		0	0	449
% Single Unit	14.2	6.8	0	0	7	0	16.2	0	0	3.5	5.7	100	0	0	0	0	0	0	6.8
TTST	8	2	0		47	0	7		0	4	33		0	0	0		0	0	101
% TTST	3.2	0.3	0	0	2.2	0	2.6	0	0	0.6	1.3	0	0	0	0	0	0	0	1.5

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - WILTON
Site Code : 00000002
Start Date : 11/5/2014
Page No : 3

	US 15 Southbound				NC 56 Westbound				US 15/NC 56 Northbound				Driveway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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	6	32	0	38	95	0	6	101	0	14	78	92	0	0	0	0	231
07:30 AM	4	40	0	44	93	0	7	100	0	14	50	64	0	0	0	0	208
07:45 AM	7	23	0	30	81	0	6	87	0	14	47	61	0	0	0	0	178
08:00 AM	11	19	0	30	74	0	5	79	0	16	73	89	0	0	0	0	198
Total Volume	28	114	0	142	343	0	24	367	0	58	248	306	0	0	0	0	815
% App. Total	19.7	80.3	0		93.5	0	6.5		0	19	81		0	0	0		
PHF	.636	.713	.000	.807	.903	.000	.857	.908	.000	.906	.795	.832	.000	.000	.000	.000	.882
Passenger Vehicles	25	109	0	134	318	0	20	338	0	56	223	279	0	0	0	0	751
% Passenger Vehicles	89.3	95.6	0	94.4	92.7	0	83.3	92.1	0	96.6	89.9	91.2	0	0	0	0	92.1
Single Unit	3	5	0	8	23	0	3	26	0	2	23	25	0	0	0	0	59
% Single Unit	10.7	4.4	0	5.6	6.7	0	12.5	7.1	0	3.4	9.3	8.2	0	0	0	0	7.2
TTST	0	0	0	0	2	0	1	3	0	0	2	2	0	0	0	0	5
% TTST	0	0	0	0	0.6	0	4.2	0.8	0	0	0.8	0.7	0	0	0	0	0.6

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - WILTON
Site Code : 00000002
Start Date : 11/5/2014
Page No : 4

	US 15 Southbound				NC 56 Westbound				US 15/NC 56 Northbound				Driveway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 10:45 AM																	
10:45 AM	4	15	0	19	48	0	7	55	0	8	36	44	0	0	0	0	118
11:00 AM	4	14	0	18	40	0	7	47	0	13	32	45	0	0	0	0	110
11:15 AM	5	17	0	22	39	0	7	46	0	11	31	42	0	0	0	0	110
11:30 AM	6	11	0	17	39	0	10	49	0	13	37	50	0	0	0	0	116
Total Volume	19	57	0	76	166	0	31	197	0	45	136	181	0	0	0	0	454
% App. Total	25	75	0		84.3	0	15.7		0	24.9	75.1		0	0	0		
PHF	.792	.838	.000	.864	.865	.000	.775	.895	.000	.865	.919	.905	.000	.000	.000	.000	.962
Passenger Vehicles	15	51	0	66	146	0	28	174	0	40	122	162	0	0	0	0	402
% Passenger Vehicles	78.9	89.5	0	86.8	88.0	0	90.3	88.3	0	88.9	89.7	89.5	0	0	0	0	88.5
Single Unit	3	5	0	8	14	0	3	17	0	3	9	12	0	0	0	0	37
% Single Unit	15.8	8.8	0	10.5	8.4	0	9.7	8.6	0	6.7	6.6	6.6	0	0	0	0	8.1
TTST	1	1	0	2	6	0	0	6	0	2	5	7	0	0	0	0	15
% TTST	5.3	1.8	0	2.6	3.6	0	0	3.0	0	4.4	3.7	3.9	0	0	0	0	3.3

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ US 15 - WILTON
Site Code : 00000002
Start Date : 11/5/2014
Page No : 5

	US 15 Southbound				NC 56 Westbound				US 15/NC 56 Northbound				Driveway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	15	19	0	34	40	0	2	42	0	23	93	116	0	0	0	0	192
04:30 PM	8	26	0	34	61	0	6	67	0	19	113	132	0	0	0	0	233
04:45 PM	9	17	0	26	52	0	7	59	0	37	136	173	0	0	0	0	258
05:00 PM	5	20	0	25	50	0	8	58	0	24	117	141	0	0	0	0	224
Total Volume	37	82	0	119	203	0	23	226	0	103	459	562	0	0	0	0	907
% App. Total	31.1	68.9	0		89.8	0	10.2		0	18.3	81.7		0	0	0		
PHF	.617	.788	.000	.875	.832	.000	.719	.843	.000	.696	.844	.812	.000	.000	.000	.000	.879
Passenger Vehicles	35	79	0	114	181	0	20	201	0	102	443	545	0	0	0	0	860
% Passenger Vehicles	94.6	96.3	0	95.8	89.2	0	87.0	88.9	0	99.0	96.5	97.0	0	0	0	0	94.8
Single Unit	1	3	0	4	20	0	2	22	0	1	14	15	0	0	0	0	41
% Single Unit	2.7	3.7	0	3.4	9.9	0	8.7	9.7	0	1.0	3.1	2.7	0	0	0	0	4.5
TTST	1	0	0	1	2	0	1	3	0	0	2	2	0	0	0	0	6
% TTST	2.7	0	0	0.8	1.0	0	4.3	1.3	0	0	0.4	0.4	0	0	0	0	0.7

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ NC 50
Site Code : 00000003
Start Date : 11/5/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST

	Main Street Southbound				NC 56 Westbound				NC 50 Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	4	40	0	0	95	106	3	0	3	12	27	0	0	57	5	1	1	352	353
07:15 AM	3	35	1	0	116	109	6	0	5	18	36	0	1	75	6	1	1	411	412
07:30 AM	3	40	1	0	152	90	5	0	6	25	18	0	0	48	5	0	0	393	393
07:45 AM	2	33	0	0	95	87	1	0	5	28	22	0	1	43	9	0	0	326	326
Total	12	148	2	0	458	392	15	0	19	83	103	0	2	223	25	2	2	1482	1484
08:00 AM	6	24	2	0	82	70	2	0	8	24	23	0	1	74	7	0	0	323	323
08:15 AM	10	40	0	1	62	100	3	0	10	27	29	0	0	47	7	0	1	335	336
08:30 AM	5	21	0	0	36	61	2	0	3	21	14	0	1	31	4	0	0	199	199
08:45 AM	5	17	1	0	27	55	2	0	10	19	12	0	0	37	4	0	0	189	189
Total	26	102	3	1	207	286	9	0	31	91	78	0	2	189	22	0	1	1046	1047
09:00 AM	3	15	0	0	30	33	1	0	8	17	13	0	1	36	4	0	0	161	161
09:15 AM	2	30	0	0	36	55	4	0	4	12	6	0	2	50	0	0	0	201	201
09:30 AM	3	22	1	0	30	54	4	0	6	14	10	0	1	47	3	0	0	195	195
09:45 AM	4	15	2	0	25	51	4	0	6	17	13	0	0	42	8	0	0	187	187
Total	12	82	3	0	121	193	13	0	24	60	42	0	4	175	15	0	0	744	744
10:00 AM	3	19	0	0	18	43	2	0	8	15	10	0	0	32	4	0	0	154	154
10:15 AM	4	30	1	0	25	32	3	0	6	14	14	0	0	29	3	0	0	161	161
10:30 AM	2	12	1	0	17	39	3	0	4	13	19	0	0	24	2	0	0	136	136
10:45 AM	0	16	1	0	17	40	3	0	9	13	14	0	1	32	2	0	0	148	148
Total	9	77	3	0	77	154	11	0	27	55	57	0	1	117	11	0	0	599	599
11:00 AM	2	16	0	0	21	41	1	0	8	22	10	0	1	32	5	0	0	159	159
11:15 AM	4	15	1	0	12	40	3	0	8	19	18	0	0	30	8	0	0	158	158
11:30 AM	2	13	1	0	23	38	2	0	5	11	18	0	1	45	4	0	0	163	163
11:45 AM	0	17	0	0	29	50	2	0	8	10	18	0	1	36	3	0	0	174	174
Total	8	61	2	0	85	169	8	0	29	62	64	0	3	143	20	0	0	654	654
12:00 PM	5	10	0	0	22	30	3	0	8	17	19	0	0	25	2	0	0	141	141
12:15 PM	1	21	1	0	27	34	4	0	4	9	16	0	1	33	6	0	0	157	157
12:30 PM	3	15	0	0	18	46	0	0	9	20	24	0	2	46	5	0	0	188	188
12:45 PM	0	9	2	0	22	38	1	0	8	19	21	2	1	40	5	2	4	166	170
Total	9	55	3	0	89	148	8	0	29	65	80	2	4	144	18	2	4	652	656
01:00 PM	8	4	0	0	18	36	0	0	8	12	32	0	0	32	2	2	2	152	154
01:15 PM	5	7	0	0	19	36	1	0	7	14	31	0	0	37	1	1	1	158	159
01:30 PM	3	9	1	0	19	37	1	0	7	16	30	0	0	44	3	1	1	170	171
01:45 PM	1	12	1	0	19	37	2	0	4	17	27	0	0	49	1	0	0	170	170
Total	17	32	2	0	75	146	4	0	26	59	120	0	0	162	7	4	4	650	654
02:00 PM	3	10	1	0	23	42	2	0	10	21	28	0	1	61	4	0	0	206	206
02:15 PM	2	25	2	0	21	49	4	0	5	21	28	0	3	58	8	0	0	226	226
02:30 PM	7	15	2	0	23	34	1	0	5	20	43	0	0	66	6	0	0	222	222
02:45 PM	5	23	0	0	38	59	3	0	2	25	28	1	0	66	5	2	3	254	257
Total	17	73	5	0	105	184	10	0	22	87	127	1	4	251	23	2	3	908	911
03:00 PM	2	27	0	0	48	75	7	0	11	23	25	0	3	71	7	1	1	299	300
03:15 PM	1	22	2	1	26	40	3	0	6	19	35	1	3	98	6	1	3	261	264
03:30 PM	6	27	3	2	38	64	12	0	7	29	36	0	0	84	6	1	3	312	315
03:45 PM	7	20	5	0	55	71	9	0	5	34	32	0	1	88	4	0	0	331	331
Total	16	96	10	3	167	250	31	0	29	105	128	1	7	341	23	3	7	1203	1210
04:00 PM	4	33	1	0	34	48	4	0	10	35	40	0	1	101	9	0	0	320	320
04:15 PM	4	33	1	0	28	39	3	0	1	41	44	0	3	95	10	0	0	302	302
04:30 PM	9	15	1	1	29	59	2	1	5	16	44	0	3	128	7	0	2	318	320
04:45 PM	2	28	2	0	41	49	8	0	11	53	57	0	2	145	6	0	0	404	404
Total	19	109	5	1	132	195	17	1	27	145	185	0	9	469	32	0	2	1344	1346

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ NC 50
Site Code : 00000003
Start Date : 11/5/2014
Page No : 2

Groups Printed- Passenger Vehicles - Single Unit - TTST

	Main Street Southbound				NC 56 Westbound				NC 50 Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
05:00 PM	6	31	0	0	34	43	4	0	13	51	60	0	1	152	5	0	0	400	400
05:15 PM	2	51	3	0	27	59	6	0	7	54	53	0	1	139	8	0	0	410	410
05:30 PM	3	37	1	0	25	53	3	3	5	46	63	0	3	138	9	0	3	386	389
05:45 PM	2	37	1	0	21	49	0	0	10	54	59	1	0	130	5	0	1	368	369
Total	13	156	5	0	107	204	13	3	35	205	235	1	5	559	27	0	4	1564	1568
Grand Total	158	991	43	5	1623	2321	139	4	298	1017	1219	5	41	2773	223	13	27	10846	10873
Apprch %	13.3	83.1	3.6		39.8	56.8	3.4		11.8	40.1	48.1		1.4	91.3	7.3				
Total %	1.5	9.1	0.4		15	21.4	1.3		2.7	9.4	11.2		0.4	25.6	2.1		0.2	99.8	
Passenger Vehicles	149	963	43		1571	2134	131		221	984	1186		41	2582	172		0	0	10204
% Passenger Vehicles	94.3	97.2	100	100	96.8	91.9	94.2	100	74.2	96.8	97.3	100	100	93.1	77.1	100	0	0	93.8
Single Unit	7	26	0		35	110	7		22	32	28		0	107	24		0	0	398
% Single Unit	4.4	2.6	0	0	2.2	4.7	5	0	7.4	3.1	2.3	0	0	3.9	10.8	0	0	0	3.7
TTST	2	2	0		17	77	1		55	1	5		0	84	27		0	0	271
% TTST	1.3	0.2	0	0	1	3.3	0.7	0	18.5	0.1	0.4	0	0	3	12.1	0	0	0	2.5

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ NC 50
Site Code : 00000003
Start Date : 11/5/2014
Page No : 3

	Main Street Southbound				NC 56 Westbound				NC 50 Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 07:00 AM																	
07:00 AM	4	40	0	44	95	106	3	204	3	12	27	42	0	57	5	62	352
07:15 AM	3	35	1	39	116	109	6	231	5	18	36	59	1	75	6	82	411
07:30 AM	3	40	1	44	152	90	5	247	6	25	18	49	0	48	5	53	393
07:45 AM	2	33	0	35	95	87	1	183	5	28	22	55	1	43	9	53	326
Total Volume	12	148	2	162	458	392	15	865	19	83	103	205	2	223	25	250	1482
% App. Total	7.4	91.4	1.2		52.9	45.3	1.7		9.3	40.5	50.2		0.8	89.2	10		
PHF	.750	.925	.500	.920	.753	.899	.625	.876	.792	.741	.715	.869	.500	.743	.694	.762	.901
Passenger Vehicles	12	145	2	159	449	373	13	835	13	82	95	190	2	198	18	218	1402
% Passenger Vehicles	100	98.0	100	98.1	98.0	95.2	86.7	96.5	68.4	98.8	92.2	92.7	100	88.8	72.0	87.2	94.6
Single Unit	0	3	0	3	7	16	2	25	0	1	7	8	0	13	4	17	53
% Single Unit	0	2.0	0	1.9	1.5	4.1	13.3	2.9	0	1.2	6.8	3.9	0	5.8	16.0	6.8	3.6
TTST	0	0	0	0	2	3	0	5	6	0	1	7	0	12	3	15	27
% TTST	0	0	0	0	0.4	0.8	0	0.6	31.6	0	1.0	3.4	0	5.4	12.0	6.0	1.8

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ NC 50
Site Code : 00000003
Start Date : 11/5/2014
Page No : 4

	Main Street Southbound				NC 56 Westbound				NC 50 Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:30 PM																	
12:30 PM	3	15	0	18	18	46	0	64	9	20	24	53	2	46	5	53	188
12:45 PM	0	9	2	11	22	38	1	61	8	19	21	48	1	40	5	46	166
01:00 PM	8	4	0	12	18	36	0	54	8	12	32	52	0	32	2	34	152
01:15 PM	5	7	0	12	19	36	1	56	7	14	31	52	0	37	1	38	158
Total Volume	16	35	2	53	77	156	2	235	32	65	108	205	3	155	13	171	664
% App. Total	30.2	66	3.8		32.8	66.4	0.9		15.6	31.7	52.7		1.8	90.6	7.6		
PHF	.500	.583	.250	.736	.875	.848	.500	.918	.889	.813	.844	.967	.375	.842	.650	.807	.883
Passenger Vehicles	13	35	2	50	75	140	2	217	23	63	107	193	3	136	7	146	606
% Passenger Vehicles	81.3	100	100	94.3	97.4	89.7	100	92.3	71.9	96.9	99.1	94.1	100	87.7	53.8	85.4	91.3
Single Unit	3	0	0	3	1	6	0	7	3	2	1	6	0	12	4	16	32
% Single Unit	18.8	0	0	5.7	1.3	3.8	0	3.0	9.4	3.1	0.9	2.9	0	7.7	30.8	9.4	4.8
TTST	0	0	0	0	1	10	0	11	6	0	0	6	0	7	2	9	26
% TTST	0	0	0	0	1.3	6.4	0	4.7	18.8	0	0	2.9	0	4.5	15.4	5.3	3.9

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ NC 50
Site Code : 00000003
Start Date : 11/5/2014
Page No : 5

	Main Street Southbound				NC 56 Westbound				NC 50 Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	2	28	2	32	41	49	8	98	11	53	57	121	2	145	6	153	404
05:00 PM	6	31	0	37	34	43	4	81	13	51	60	124	1	152	5	158	400
05:15 PM	2	51	3	56	27	59	6	92	7	54	53	114	1	139	8	148	410
05:30 PM	3	37	1	41	25	53	3	81	5	46	63	114	3	138	9	150	386
Total Volume	13	147	6	166	127	204	21	352	36	204	233	473	7	574	28	609	1600
% App. Total	7.8	88.6	3.6		36.1	58	6		7.6	43.1	49.3		1.1	94.3	4.6		
PHF	.542	.721	.500	.741	.774	.864	.656	.898	.692	.944	.925	.954	.583	.944	.778	.964	.976
Passenger Vehicles	13	144	6	163	125	198	20	343	29	196	228	453	7	559	25	591	1550
% Passenger Vehicles	100	98.0	100	98.2	98.4	97.1	95.2	97.4	80.6	96.1	97.9	95.8	100	97.4	89.3	97.0	96.9
Single Unit	0	3	0	3	1	4	1	6	1	7	5	13	0	10	2	12	34
% Single Unit	0	2.0	0	1.8	0.8	2.0	4.8	1.7	2.8	3.4	2.1	2.7	0	1.7	7.1	2.0	2.1
TTST	0	0	0	0	1	2	0	3	6	1	0	7	0	5	1	6	16
% TTST	0	0	0	0	0.8	1.0	0	0.9	16.7	0.5	0	1.5	0	0.9	3.6	1.0	1.0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ Hawley School
Site Code :
Start Date : 11/19/2014
Page No : 1

Groups Printed- Passenger Vehicles - Single Unit - TTST - Bicycles on Crosswalk - Pedestrians

	Cresent Drive Southbound				NC 56 Westbound				Hawley School Road Northbound				NC 56 Eastbound						
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	5	1	2	0	4	167	4	0	6	0	2	0	0	45	1	0	0	237	237
07:15 AM	3	1	7	0	9	184	3	0	2	4	6	0	2	46	1	0	0	268	268
07:30 AM	1	3	8	0	12	200	12	0	1	9	4	0	4	49	2	0	0	305	305
07:45 AM	6	5	19	0	19	163	25	0	3	20	5	0	9	41	1	0	0	316	316
Total	15	10	36	0	44	714	44	0	12	33	17	0	15	181	5	0	0	1126	1126
08:00 AM	15	19	33	0	29	129	61	0	2	21	11	0	21	45	3	0	0	389	389
08:15 AM	28	22	50	0	18	105	57	0	6	65	19	0	18	52	2	0	0	442	442
08:30 AM	8	3	14	0	2	77	9	0	4	4	2	0	3	41	2	0	0	169	169
08:45 AM	4	1	5	0	5	81	4	0	1	1	0	0	2	46	1	0	0	151	151
Total	55	45	102	0	54	392	131	0	13	91	32	0	44	184	8	0	0	1151	1151
*** ***																			
11:00 AM	1	1	2	2	2	57	3	0	2	2	1	0	4	43	1	0	2	119	121
11:15 AM	0	0	4	0	1	54	3	0	1	1	5	0	4	51	0	0	0	124	124
11:30 AM	4	0	6	0	3	64	4	0	2	0	1	0	2	52	0	0	0	138	138
11:45 AM	6	6	17	0	1	51	6	0	1	4	2	0	7	58	2	0	0	161	161
Total	11	7	29	2	7	226	16	0	6	7	9	0	17	204	3	0	2	542	544
12:00 PM	3	1	8	0	3	47	3	0	0	1	2	0	5	41	0	0	0	114	114
12:15 PM	1	1	5	0	0	45	5	0	0	0	4	0	3	62	1	0	0	127	127
12:30 PM	2	1	4	0	4	56	2	0	2	1	2	0	5	66	0	0	0	145	145
12:45 PM	0	0	3	0	1	61	3	0	0	0	1	0	4	59	0	0	0	132	132
Total	6	3	20	0	8	209	13	0	2	2	9	0	17	228	1	0	0	518	518
*** ***																			
04:00 PM	11	4	7	0	5	57	5	0	1	1	7	0	7	100	0	0	0	205	205
04:15 PM	11	4	9	0	3	63	3	0	2	3	5	0	6	137	0	0	0	246	246
04:30 PM	17	5	9	0	6	57	4	0	0	2	5	0	6	143	3	0	0	257	257
04:45 PM	8	5	9	1	12	59	7	0	4	10	8	1	4	185	6	1	3	317	320
Total	47	18	34	1	26	236	19	0	7	16	25	1	23	565	9	1	3	1025	1028
05:00 PM	8	9	7	0	6	66	4	0	6	8	20	0	4	155	2	0	0	295	295
05:15 PM	6	4	10	0	10	68	8	0	1	4	11	0	4	189	1	0	0	316	316
05:30 PM	2	2	6	0	6	61	5	0	2	4	12	0	5	177	6	0	0	288	288
05:45 PM	8	3	3	0	6	63	5	0	0	3	7	0	6	172	3	0	0	279	279
Total	24	18	26	0	28	258	22	0	9	19	50	0	19	693	12	0	0	1178	1178
Grand Total	158	101	247	3	167	2035	245	0	49	168	142	1	135	2055	38	1	5	5540	5545
Apprch %	31.2	20	48.8		6.8	83.2	10		13.6	46.8	39.6		6.1	92.2	1.7				
Total %	2.9	1.8	4.5		3	36.7	4.4		0.9	3	2.6		2.4	37.1	0.7		0.1	99.9	
Passenger Vehicles	151	98	242		163	1949	232		47	157	141		132	1958	37		0	0	5307
% Passenger Vehicles	95.6	97	98	0	97.6	95.8	94.7	0	95.9	93.5	99.3	0	97.8	95.3	97.4	0	0	0	95.7
Single Unit	7	3	5		4	50	13		2	11	1		3	58	1		0	0	158
% Single Unit	4.4	3	2	0	2.4	2.5	5.3	0	4.1	6.5	0.7	0	2.2	2.8	2.6	0	0	0	2.8
TTST	0	0	0		0	36	0		0	0	0		0	39	0		0	0	75
% TTST	0	0	0	0	0	1.8	0	0	0	0	0	0	0	1.9	0	0	0	0	1.4
Bicycles on Crosswalk	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0		0	0	0		0	0	0		0	0	0		0	0	5
% Pedestrians	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0	100	0	0	0.1

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ Hawley School
Site Code :
Start Date : 11/19/2014
Page No : 2

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ Hawley School
Site Code :
Start Date : 11/19/2014
Page No : 3

	Cresent Drive Southbound				NC 56 Westbound				Hawley School Road Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 07:30 AM																	
07:30 AM	1	3	8	12	12	200	12	224	1	9	4	14	4	49	2	55	305
07:45 AM	6	5	19	30	19	163	25	207	3	20	5	28	9	41	1	51	316
08:00 AM	15	19	33	67	29	129	61	219	2	21	11	34	21	45	3	69	389
08:15 AM	28	22	50	100	18	105	57	180	6	65	19	90	18	52	2	72	442
Total Volume	50	49	110	209	78	597	155	830	12	115	39	166	52	187	8	247	1452
% App. Total	23.9	23.4	52.6		9.4	71.9	18.7		7.2	69.3	23.5		21.1	75.7	3.2		
PHF	.446	.557	.550	.523	.672	.746	.635	.926	.500	.442	.513	.461	.619	.899	.667	.858	.821
Passenger Vehicles	47	48	107	202	77	583	151	811	11	111	38	160	50	167	7	224	1397
% Passenger Vehicles	94.0	98.0	97.3	96.7	98.7	97.7	97.4	97.7	91.7	96.5	97.4	96.4	96.2	89.3	87.5	90.7	96.2
Single Unit	3	1	3	7	1	9	4	14	1	4	1	6	2	10	1	13	40
% Single Unit	6.0	2.0	2.7	3.3	1.3	1.5	2.6	1.7	8.3	3.5	2.6	3.6	3.8	5.3	12.5	5.3	2.8
TTST	0	0	0	0	0	5	0	5	0	0	0	0	0	10	0	10	15
% TTST	0	0	0	0	0	0.8	0	0.6	0	0	0	0	0	5.3	0	4.0	1.0
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ Hawley School
Site Code :
Start Date : 11/19/2014
Page No : 4

	Cresent Drive Southbound				NC 56 Westbound				Hawley School Road Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:45 AM																	
11:45 AM	6	6	17	29	1	51	6	58	1	4	2	7	7	58	2	67	161
12:00 PM	3	1	8	12	3	47	3	53	0	1	2	3	5	41	0	46	114
12:15 PM	1	1	5	7	0	45	5	50	0	0	4	4	3	62	1	66	127
12:30 PM	2	1	4	7	4	56	2	62	2	1	2	5	5	66	0	71	145
Total Volume	12	9	34	55	8	199	16	223	3	6	10	19	20	227	3	250	547
% App. Total	21.8	16.4	61.8		3.6	89.2	7.2		15.8	31.6	52.6		8	90.8	1.2		
PHF	.500	.375	.500	.474	.500	.888	.667	.899	.375	.375	.625	.679	.714	.860	.375	.880	.849
Passenger Vehicles	12	9	34	55	7	185	16	208	3	4	10	17	20	208	3	231	511
% Passenger Vehicles	100	100	100	100	87.5	93.0	100	93.3	100	66.7	100	89.5	100	91.6	100	92.4	93.4
Single Unit	0	0	0	0	1	7	0	8	0	2	0	2	0	10	0	10	20
% Single Unit	0	0	0	0	12.5	3.5	0	3.6	0	33.3	0	10.5	0	4.4	0	4.0	3.7
TTST	0	0	0	0	0	7	0	7	0	0	0	0	0	9	0	9	16
% TTST	0	0	0	0	0	3.5	0	3.1	0	0	0	0	0	4.0	0	3.6	2.9
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

File Name : NC 56 @ Hawley School
Site Code :
Start Date : 11/19/2014
Page No : 5

	Cresent Drive Southbound				NC 56 Westbound				Hawley School Road Northbound				NC 56 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	8	5	9	22	12	59	7	78	4	10	8	22	4	185	6	195	317
05:00 PM	8	9	7	24	6	66	4	76	6	8	20	34	4	155	2	161	295
05:15 PM	6	4	10	20	10	68	8	86	1	4	11	16	4	189	1	194	316
05:30 PM	2	2	6	10	6	61	5	72	2	4	12	18	5	177	6	188	288
Total Volume	24	20	32	76	34	254	24	312	13	26	51	90	17	706	15	738	1216
% App. Total	31.6	26.3	42.1		10.9	81.4	7.7		14.4	28.9	56.7		2.3	95.7	2		
PHF	.750	.556	.800	.792	.708	.934	.750	.907	.542	.650	.638	.662	.850	.934	.625	.946	.959
Passenger Vehicles	24	20	32	76	33	245	21	299	13	23	51	87	17	698	15	730	1192
% Passenger Vehicles	100	100	100	100	97.1	96.5	87.5	95.8	100	88.5	100	96.7	100	98.9	100	98.9	98.0
Single Unit	0	0	0	0	1	5	3	9	0	3	0	3	0	2	0	2	14
% Single Unit	0	0	0	0	2.9	2.0	12.5	2.9	0	11.5	0	3.3	0	0.3	0	0.3	1.2
TTST	0	0	0	0	0	4	0	4	0	0	0	0	0	6	0	6	10
% TTST	0	0	0	0	0	1.6	0	1.3	0	0	0	0	0	0.8	0	0.8	0.8
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tube Counts: Classification

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/06/15															
00:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
00:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
00:45	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	12	4	0	0	0	0	0	1	0	0	0	0	0	17
01:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
02:30	0	2	1	0	2	0	0	0	0	0	0	0	0	0	5
02:45	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	8	4	0	2	0	0	0	1	0	0	0	0	1	16
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
03:45	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	0	4	2	0	0	0	0	0	0	0	0	0	0	1	7
04:00	0	6	6	0	0	0	0	0	0	0	0	0	0	2	14
04:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
04:30	0	7	1	0	1	0	0	0	1	0	0	0	0	0	10
04:45	0	21	5	0	1	0	0	0	0	0	0	0	0	0	27
	0	26	7	0	0	0	0	0	0	0	0	0	0	0	33
05:00	0	54	14	0	3	0	0	0	1	0	0	0	0	0	72
05:15	0	35	2	0	1	0	0	0	0	0	0	0	0	1	39
05:30	0	40	7	0	1	0	0	1	2	0	0	0	0	1	52
05:45	0	74	13	1	4	0	0	1	0	0	0	0	0	5	98
	0	102	25	0	6	0	0	1	0	1	0	0	0	3	138
06:00	0	251	47	1	12	0	0	3	2	1	0	0	0	10	327
06:15	0	54	13	1	4	0	0	1	1	0	0	0	0	3	77
06:30	1	91	29	1	2	1	0	1	1	0	0	0	0	8	135
06:45	1	80	14	0	8	0	0	1	1	0	0	0	0	9	114
	0	88	34	1	6	2	0	1	0	0	0	0	0	11	143
07:00	2	313	90	3	20	3	0	4	3	0	0	0	0	31	469
07:15	1	56	20	0	5	0	0	0	3	0	0	0	0	6	91
07:30	0	61	18	1	9	0	0	2	1	0	0	0	0	7	99
07:45	1	62	17	1	3	1	0	2	0	1	0	0	0	12	100
	4	118	19	0	8	2	0	1	0	0	1	0	0	11	164
08:00	6	297	74	2	25	3	0	5	4	1	1	0	0	36	454
08:15	2	69	14	2	9	1	0	2	2	1	0	0	0	12	114
08:30	0	52	19	1	4	1	0	0	0	1	1	0	0	3	82
08:45	0	67	13	0	1	1	0	4	1	0	0	0	0	4	91
	1	39	12	0	0	0	0	1	2	0	0	0	0	6	61
09:00	3	227	58	3	14	3	0	7	5	2	1	0	0	25	348
09:15	1	30	11	0	2	1	0	0	0	0	0	0	0	1	46
09:30	0	23	11	0	1	0	0	1	0	0	0	0	0	4	40
09:45	0	28	11	2	4	1	0	2	1	0	0	0	0	2	51
	1	27	16	0	1	0	0	0	0	0	0	0	0	6	51
10:00	2	108	49	2	8	2	0	3	1	0	0	0	0	13	188
10:15	0	30	10	1	5	0	0	0	3	0	0	0	0	1	50
10:30	1	28	11	0	3	1	0	1	2	0	0	0	0	3	50
10:45	0	43	18	1	3	0	0	1	0	0	0	0	0	5	71
	0	30	12	1	3	1	0	0	1	0	0	0	0	6	54
11:00	1	131	51	3	14	2	0	2	6	0	0	0	0	15	225
11:15	0	34	6	2	1	0	0	1	2	0	0	0	0	4	50
11:30	0	34	14	0	8	0	0	0	0	0	0	0	0	5	61
11:45	0	45	8	1	6	0	0	1	1	0	0	0	0	9	71
	0	63	18	1	5	1	0	0	0	0	0	0	0	10	98
	0	176	46	4	20	1	0	2	3	0	0	0	0	28	280
Total	14	1587	444	18	118	14	0	26	27	4	2	0	0	161	2415
Percent	0.6%	65.7%	18.4%	0.7%	4.9%	0.6%	0.0%	1.1%	1.1%	0.2%	0.1%	0.0%	0.0%	6.7%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	3	45	10	1	3	0	0	0	3	0	0	0	0	15	80
12:15	0	64	23	0	6	0	0	1	0	0	0	0	0	15	109
12:30	0	72	24	0	5	0	0	1	2	0	0	0	0	6	110
12:45	0	51	22	0	8	0	0	1	3	0	0	0	0	1	86
	3	232	79	1	22	0	0	3	8	0	0	0	0	37	385
13:00	1	44	13	1	6	1	0	0	0	0	0	0	0	4	70
13:15	0	36	14	0	3	0	0	1	1	0	0	0	0	9	64
13:30	0	42	16	0	3	0	0	0	1	0	0	0	0	5	67
13:45	2	46	16	0	3	1	0	1	0	0	0	0	0	4	73
	3	168	59	1	15	2	0	2	2	0	0	0	0	22	274
14:00	0	62	9	0	3	1	0	2	1	0	0	0	0	1	79
14:15	1	84	23	1	4	1	0	0	0	0	0	0	0	13	127
14:30	0	34	18	0	3	0	0	1	0	1	0	0	0	14	71
14:45	0	40	10	1	4	1	0	1	1	0	0	0	0	7	65
	1	220	60	2	14	3	0	4	2	1	0	0	0	35	342
15:00	1	21	9	2	5	1	0	1	0	0	0	0	0	27	67
15:15	0	39	10	2	2	1	0	3	2	0	0	0	0	6	65
15:30	1	37	18	1	0	0	0	1	3	0	0	0	0	10	71
15:45	0	51	9	2	4	1	0	1	2	0	0	0	0	12	82
	2	148	46	7	11	3	0	6	7	0	0	0	0	55	285
16:00	0	29	13	0	2	0	0	0	3	0	0	0	0	17	64
16:15	2	47	21	0	4	0	0	1	1	0	0	0	0	10	86
16:30	0	30	13	0	1	1	0	1	1	0	0	0	0	20	67
16:45	3	51	22	0	6	2	0	0	1	0	0	0	0	10	95
	5	157	69	0	13	3	0	2	6	0	0	0	0	57	312
17:00	3	50	11	0	1	2	0	0	3	0	0	0	0	13	83
17:15	1	57	22	0	2	0	0	2	1	0	0	0	0	14	99
17:30	1	50	11	0	9	1	0	1	1	0	0	0	0	11	85
17:45	1	56	14	0	1	1	0	0	0	0	0	0	0	4	77
	6	213	58	0	13	4	0	3	5	0	0	0	0	42	344
18:00	1	44	7	0	1	1	0	1	2	0	0	0	0	5	62
18:15	1	51	10	0	3	0	0	2	2	0	0	0	0	6	75
18:30	0	53	12	0	3	2	0	1	0	0	0	0	0	7	78
18:45	1	41	7	0	3	1	0	0	3	0	0	0	0	4	60
	3	189	36	0	10	4	0	4	7	0	0	0	0	22	275
19:00	0	28	11	0	1	1	0	0	2	0	0	0	0	3	46
19:15	0	31	11	0	0	1	0	0	0	0	0	0	0	2	45
19:30	0	39	6	0	5	0	0	1	0	0	0	0	0	2	53
19:45	0	27	12	0	0	0	0	0	0	0	0	0	0	1	40
	0	125	40	0	6	2	0	1	2	0	0	0	0	8	184
20:00	0	29	4	0	1	0	0	1	0	0	0	0	0	3	38
20:15	0	25	9	1	2	1	0	1	1	0	0	0	0	0	40
20:30	0	32	9	0	3	0	0	0	1	0	0	0	0	1	46
20:45	1	17	2	0	1	0	0	0	0	0	0	0	0	3	24
	1	103	24	1	7	1	0	2	2	0	0	0	0	7	148
21:00	0	12	5	0	1	0	0	0	0	0	0	0	0	0	18
21:15	0	18	7	0	2	0	0	0	0	0	0	0	0	3	30
21:30	0	19	4	0	2	0	0	0	0	0	0	0	0	1	26
21:45	1	14	7	0	1	1	0	0	1	0	0	0	0	1	26
	1	63	23	0	6	1	0	0	1	0	0	0	0	5	100
22:00	0	14	5	0	1	0	0	0	1	0	0	0	0	1	22
22:15	0	34	8	0	1	0	0	0	0	0	0	0	0	1	44
22:30	1	49	4	0	0	0	0	0	0	0	0	0	0	2	56
22:45	1	29	4	0	1	0	0	0	2	0	0	0	0	0	37
	2	126	21	0	3	0	0	0	3	0	0	0	0	4	159
23:00	0	9	2	0	1	0	0	0	0	0	0	0	0	3	15
23:15	0	10	2	0	1	0	0	0	0	0	0	0	0	2	15
23:30	0	10	4	0	0	0	0	0	1	0	0	0	0	0	15
23:45	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	0	37	13	0	2	0	0	0	1	0	0	0	0	5	58
Total	27	1781	528	12	122	23	0	27	46	1	0	0	0	299	2866
Percent	0.9%	62.1%	18.4%	0.4%	4.3%	0.8%	0.0%	0.9%	1.6%	0.0%	0.0%	0.0%	0.0%	10.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/07/15															
00:15	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
00:30	1	5	1	0	0	1	0	0	0	0	0	0	0	0	8
00:45	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	1	16	3	0	0	1	0	0	1	0	0	0	0	0	22
01:15	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
01:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
01:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	0	12	1	0	0	0	0	0	0	0	0	0	0	0	13
02:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
02:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:45	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
03:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	11	2	0	0	0	0	0	1	0	0	0	0	0	14
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
03:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:45	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
04:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	0	4	5	0	1	0	0	0	0	0	0	0	0	1	11
04:15	0	2	0	0	1	0	0	0	0	0	0	0	0	0	3
04:30	0	8	4	1	0	0	0	0	0	0	0	0	0	0	13
04:45	0	17	6	0	1	0	0	0	0	0	0	0	0	0	24
05:00	0	37	10	0	0	1	0	0	0	0	0	0	0	1	49
	0	64	20	1	2	1	0	0	0	0	0	0	0	1	89
05:15	0	23	2	0	0	0	0	0	0	0	0	0	0	1	26
05:30	0	56	8	0	1	0	0	0	1	0	0	0	0	0	66
05:45	0	54	11	0	5	0	0	1	1	0	0	0	0	3	75
06:00	0	117	22	1	6	1	0	0	0	1	0	0	0	12	160
	0	250	43	1	12	1	0	1	2	1	0	0	0	16	327
06:15	0	52	12	0	2	0	0	2	0	0	0	0	0	4	72
06:30	0	122	23	0	5	0	0	0	1	1	0	0	0	4	156
06:45	2	99	20	1	10	1	0	2	0	0	0	0	0	3	138
07:00	2	87	28	1	6	3	0	2	1	0	0	0	0	10	140
	4	360	83	2	23	4	0	6	2	1	0	0	0	21	506
07:15	0	72	21	2	10	0	0	0	0	0	0	0	0	6	111
07:30	0	62	13	0	4	0	0	2	0	0	0	0	0	9	90
07:45	1	72	23	2	2	2	0	2	2	0	0	0	0	8	114
08:00	0	120	20	0	7	0	0	2	2	0	0	0	0	13	164
	1	326	77	4	23	2	0	6	4	0	0	0	0	36	479
08:15	0	87	14	1	5	0	0	0	0	0	0	0	0	7	114
08:30	1	62	19	1	4	1	0	0	1	0	0	0	0	3	92
08:45	1	35	22	2	2	1	0	0	0	0	0	0	0	2	65
09:00	0	23	10	0	3	0	0	0	0	0	0	0	0	1	37
	2	207	65	4	14	2	0	0	1	0	0	0	0	13	308
09:15	0	23	11	0	2	0	0	0	2	0	0	0	0	1	39
09:30	1	20	13	3	2	1	0	1	0	0	0	0	0	5	46
09:45	0	28	13	1	7	1	0	0	0	0	0	0	0	3	53
10:00	2	28	13	2	2	0	0	0	2	0	0	0	0	5	54
	3	99	50	6	13	2	0	1	4	0	0	0	0	14	192
10:15	0	28	14	1	3	0	0	0	1	0	0	0	0	2	49
10:30	1	34	11	1	7	0	0	0	2	0	0	0	0	4	60
10:45	0	27	11	1	3	1	0	0	0	0	0	0	0	6	49
11:00	1	36	21	0	5	1	0	1	0	0	0	0	0	0	65
	2	125	57	3	18	2	0	1	3	0	0	0	0	12	223
11:15	0	29	16	1	5	0	0	1	3	0	0	0	0	1	56
11:30	0	35	17	0	3	0	0	0	1	0	0	0	0	5	61
11:45	1	70	19	0	4	1	0	1	1	0	0	0	0	14	111
	1	55	17	1	4	2	0	1	0	0	0	0	0	13	94
	2	189	69	2	16	3	0	3	5	0	0	0	0	33	322
Total	15	1663	475	23	122	18	0	18	23	2	0	0	0	147	2506
Percent	0.6%	66.4%	19.0%	0.9%	4.9%	0.7%	0.0%	0.7%	0.9%	0.1%	0.0%	0.0%	0.0%	5.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	55	16	1	9	0	0	0	1	1	0	0	0	11	94
12:15	1	64	18	1	7	0	0	1	0	0	0	0	0	8	100
12:30	0	54	16	1	8	0	0	0	1	0	0	0	0	8	88
12:45	4	60	17	1	5	0	0	0	1	0	0	0	0	12	100
	5	233	67	4	29	0	0	1	3	1	0	0	0	39	382
13:00	0	50	14	1	4	0	0	1	1	0	0	0	0	6	77
13:15	4	51	14	0	10	1	0	1	1	0	0	0	0	7	89
13:30	0	45	14	1	5	1	0	1	1	0	0	0	0	10	78
13:45	1	36	11	2	3	0	0	0	2	0	0	0	0	16	71
	5	182	53	4	22	2	0	3	5	0	0	0	0	39	315
14:00	1	62	11	0	4	1	0	0	0	0	0	0	0	10	89
14:15	2	103	22	0	2	1	0	4	0	0	1	0	0	9	144
14:30	0	46	21	0	4	1	0	2	1	0	0	0	0	15	90
14:45	1	39	11	1	1	1	0	1	1	0	0	0	0	15	71
	4	250	65	1	11	4	0	7	2	0	1	0	0	49	394
15:00	0	15	5	0	4	0	0	0	0	0	0	0	0	21	45
15:15	0	44	16	1	0	0	0	1	1	0	0	0	0	8	71
15:30	0	53	17	0	3	0	0	0	1	0	0	0	0	13	87
15:45	2	57	19	1	3	1	0	1	1	0	0	0	0	12	97
	2	169	57	2	10	1	0	2	3	0	0	0	0	54	300
16:00	2	33	13	0	2	1	0	1	2	0	0	0	0	7	61
16:15	2	37	12	0	2	1	0	1	2	0	0	0	0	6	63
16:30	2	25	16	1	4	1	1	1	0	0	0	0	0	21	72
16:45	2	48	10	1	2	0	0	1	1	0	0	0	0	16	81
	8	143	51	2	10	3	1	4	5	0	0	0	0	50	277
17:00	3	42	20	0	2	2	0	1	1	1	0	0	0	12	84
17:15	1	47	17	0	2	0	0	0	3	0	0	0	0	11	81
17:30	1	58	25	0	2	1	0	1	2	1	0	0	0	6	97
17:45	1	36	19	2	4	1	0	2	1	0	0	0	0	8	74
	6	183	81	2	10	4	0	4	7	2	0	0	0	37	336
18:00	0	44	11	0	0	0	0	1	2	0	0	0	0	7	65
18:15	2	51	13	1	2	1	0	0	1	0	0	0	0	9	80
18:30	0	47	6	1	2	0	0	0	1	0	0	0	0	1	58
18:45	1	33	15	0	2	0	0	0	2	0	0	0	0	2	55
	3	175	45	2	6	1	0	1	6	0	0	0	0	19	258
19:00	2	36	6	0	5	1	0	0	0	0	0	0	0	5	55
19:15	0	28	11	0	2	0	0	0	0	0	0	0	0	1	42
19:30	0	31	9	0	1	0	0	0	0	0	0	0	0	1	42
19:45	1	20	7	0	1	1	0	1	1	0	0	0	0	1	33
	3	115	33	0	9	2	0	1	1	0	0	0	0	8	172
20:00	0	34	11	0	2	0	0	0	0	0	0	0	0	0	47
20:15	0	19	9	0	1	0	0	0	2	0	0	0	0	2	33
20:30	1	27	3	0	0	1	0	0	0	0	0	0	0	3	35
20:45	0	23	2	0	1	0	0	0	0	0	0	0	0	3	29
	1	103	25	0	4	1	0	0	2	0	0	0	0	8	144
21:00	0	18	3	0	2	0	0	0	0	0	0	0	0	0	23
21:15	1	23	5	0	0	1	0	0	0	0	0	0	0	0	30
21:30	0	15	9	0	0	0	0	0	1	0	0	0	0	0	25
21:45	0	23	6	0	2	0	0	1	1	0	0	0	0	1	34
	1	79	23	0	4	1	0	1	2	0	0	0	0	1	112
22:00	0	20	4	0	1	0	0	0	0	0	0	0	0	0	25
22:15	1	39	8	0	1	1	0	0	1	0	0	0	0	1	52
22:30	0	64	9	0	1	0	0	0	0	0	0	0	0	1	75
22:45	0	28	4	0	1	0	0	0	0	0	0	0	0	1	34
	1	151	25	0	4	1	0	0	1	0	0	0	0	3	186
23:00	0	6	3	0	1	0	0	0	0	0	0	0	0	2	12
23:15	0	11	2	0	1	0	0	1	0	0	0	0	0	1	16
23:30	0	10	3	0	1	0	0	0	0	0	0	0	0	0	14
23:45	0	7	1	0	2	0	0	0	0	0	0	0	0	0	10
	0	34	9	0	5	0	0	1	0	0	0	0	0	3	52
Total	39	1817	534	17	124	20	1	25	37	3	1	0	0	310	2928
Percent	1.3%	62.1%	18.2%	0.6%	4.2%	0.7%	0.0%	0.9%	1.3%	0.1%	0.0%	0.0%	0.0%	10.6%	
Grand Total	95	6848	1981	70	486	75	1	96	133	10	3	0	0	917	10715
Percent	0.9%	63.9%	18.5%	0.7%	4.5%	0.7%	0.0%	0.9%	1.2%	0.1%	0.0%	0.0%	0.0%	8.6%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/06/15															
00:15	0	10	3	0	0	0	0	1	1	0	0	0	0	0	15
00:30	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
00:45	0	3	1	0	1	0	0	0	0	0	0	0	0	1	6
01:00	1	0	0	0	1	0	0	0	1	0	0	0	1	0	4
	1	19	4	0	2	0	0	1	2	0	0	0	1	1	31
01:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
01:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
01:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	4	0	0	1	0	0	0	1	0	0	0	0	0	6
	0	11	4	0	1	0	0	0	1	0	0	0	0	0	17
02:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:30	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3
02:45	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
03:00	0	5	2	0	0	0	0	0	0	0	0	0	0	1	8
	0	10	4	0	1	0	0	0	0	0	0	0	0	2	17
03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:30	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
03:45	0	5	3	0	0	0	0	0	0	0	0	0	0	1	10
04:00	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	2	12	6	0	0	0	0	0	0	0	0	0	0	1	21
04:15	1	2	1	0	0	0	0	1	0	0	0	0	0	0	5
04:30	0	4	0	0	1	0	0	0	0	0	0	0	0	4	9
04:45	0	3	3	0	0	0	0	0	0	0	0	0	0	1	7
05:00	1	8	1	0	0	0	0	1	0	0	0	0	0	1	12
	2	17	5	0	1	0	0	2	0	0	0	0	0	6	33
05:15	1	4	2	0	0	0	0	0	0	0	0	0	0	2	9
05:30	0	13	3	0	1	0	0	0	0	0	0	0	1	3	21
05:45	0	12	6	0	0	0	0	0	0	0	0	0	0	2	20
06:00	0	15	5	0	1	0	0	0	0	0	0	0	0	2	23
	1	44	16	0	2	0	0	0	0	0	0	0	1	9	73
06:15	0	18	7	0	3	0	0	0	0	0	0	0	0	5	33
06:30	2	16	10	0	1	1	0	0	0	0	0	0	0	10	40
06:45	0	25	8	0	0	1	0	1	0	0	0	0	0	5	40
07:00	2	49	6	0	0	0	0	0	0	0	0	0	0	13	70
	4	108	31	0	4	2	0	1	0	0	0	0	0	33	183
07:15	0	34	7	0	1	1	0	0	2	0	0	0	0	9	54
07:30	3	23	9	0	2	1	1	0	2	0	0	0	0	12	53
07:45	1	52	9	0	2	2	0	0	1	0	0	0	0	21	88
08:00	0	36	7	0	0	1	0	0	0	0	0	0	0	8	52
	4	145	32	0	5	5	1	0	5	0	0	0	0	50	247
08:15	2	27	8	1	0	0	0	0	1	1	0	0	0	6	46
08:30	2	45	14	0	2	0	0	0	1	0	0	0	0	8	72
08:45	1	30	14	0	3	3	1	0	1	0	0	0	2	2	57
09:00	4	40	15	0	2	0	0	0	1	1	0	0	0	9	72
	9	142	51	1	7	3	1	0	4	2	0	0	2	25	247
09:15	0	24	10	0	1	2	0	1	1	0	0	0	0	5	44
09:30	0	30	11	0	1	0	0	2	3	1	0	0	0	6	54
09:45	1	19	9	0	2	0	0	0	2	0	0	0	1	7	41
10:00	1	39	4	1	3	1	0	0	1	0	0	0	0	6	56
	2	112	34	1	7	3	0	3	7	1	0	0	1	24	195
10:15	2	31	7	0	1	1	0	1	1	0	0	0	0	6	50
10:30	0	33	15	0	0	1	0	0	0	0	0	0	0	6	55
10:45	1	43	7	0	2	0	0	0	0	0	0	0	0	5	58
11:00	3	34	20	0	5	1	0	2	2	0	0	0	0	14	81
	6	141	49	0	8	3	0	3	3	0	0	0	0	31	244
11:15	1	52	16	0	3	0	0	3	2	0	0	0	1	3	81
11:30	1	40	20	0	2	1	0	1	2	0	1	0	0	4	72
11:45	3	69	18	0	1	0	0	2	1	0	0	0	0	12	106
	1	71	16	1	1	2	1	1	2	0	0	0	0	17	113
	6	232	70	1	7	3	1	7	7	0	1	0	1	36	372
Total	37	993	306	3	45	19	3	17	29	3	1	0	6	218	1680
Percent	2.2%	59.1%	18.2%	0.2%	2.7%	1.1%	0.2%	1.0%	1.7%	0.2%	0.1%	0.0%	0.4%	13.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	2	88	20	0	5	1	0	1	1	1	0	0	1	11	131
12:15	2	65	13	0	2	0	0	0	0	0	0	0	0	10	92
12:30	0	56	11	0	2	2	0	0	0	0	0	0	0	7	78
12:45	5	63	10	1	3	0	0	2	0	0	0	0	0	7	91
	9	272	54	1	12	3	0	3	1	1	0	0	1	35	392
13:00	7	96	16	0	3	0	0	0	0	0	0	0	0	10	132
13:15	4	67	16	0	1	2	0	0	1	0	0	0	0	15	106
13:30	2	42	11	1	1	1	0	0	0	0	0	0	0	15	73
13:45	2	49	17	0	2	0	0	1	1	0	0	0	0	9	81
	15	254	60	1	7	3	0	1	2	0	0	0	0	49	392
14:00	5	70	7	0	2	0	0	0	1	0	0	0	0	10	95
14:15	1	36	12	0	2	0	0	0	1	0	0	0	0	14	66
14:30	1	53	15	0	3	0	0	2	1	0	0	0	0	10	85
14:45	4	73	16	0	0	0	0	0	1	0	0	0	0	19	113
	11	232	50	0	7	0	0	2	4	0	0	0	0	53	359
15:00	13	91	10	0	4	4	0	0	3	0	0	0	1	42	168
15:15	3	64	16	0	0	0	0	0	2	0	0	0	0	11	96
15:30	4	83	22	0	0	1	0	1	0	0	0	0	1	20	132
15:45	0	79	15	0	3	1	0	1	1	0	0	0	0	12	112
	20	317	63	0	7	6	0	2	6	0	0	0	2	85	508
16:00	11	128	26	1	2	1	0	1	1	0	0	0	0	19	190
16:15	6	81	11	0	2	0	0	1	0	0	0	0	0	9	110
16:30	11	105	9	0	3	2	0	1	0	0	0	0	0	34	165
16:45	6	81	19	0	3	1	0	0	0	1	0	0	0	12	123
	34	395	65	1	10	4	0	3	1	1	0	0	0	74	588
17:00	5	115	23	0	3	2	0	0	3	0	1	0	0	22	174
17:15	3	68	19	0	2	1	0	0	0	0	0	0	0	13	106
17:30	0	54	18	0	2	2	0	0	0	1	0	0	0	6	83
17:45	0	52	13	0	4	0	0	0	0	0	0	0	0	9	78
	8	289	73	0	11	5	0	0	3	1	1	0	0	50	441
18:00	1	70	13	0	0	1	0	0	0	0	0	0	0	9	94
18:15	4	46	12	0	1	1	0	0	0	0	0	0	0	10	74
18:30	2	35	7	0	4	0	0	0	0	0	0	0	0	10	58
18:45	1	37	14	0	0	0	0	0	0	0	0	0	0	6	58
	8	188	46	0	5	2	0	0	0	0	0	0	0	35	284
19:00	4	62	10	0	2	0	1	1	0	0	0	0	0	7	87
19:15	0	27	8	0	2	0	0	0	1	0	0	0	0	4	42
19:30	0	25	4	0	1	0	0	0	0	0	0	0	0	1	31
19:45	0	34	3	0	0	0	0	0	2	0	0	0	0	1	40
	4	148	25	0	5	0	1	1	3	0	0	0	0	13	200
20:00	2	39	8	1	3	0	0	0	0	0	0	0	1	5	59
20:15	1	34	10	0	1	0	0	0	0	0	0	0	0	3	49
20:30	0	15	0	0	0	0	0	0	1	0	0	0	0	1	17
20:45	1	20	6	0	2	0	0	0	1	0	0	0	0	3	33
	4	108	24	1	6	0	0	0	2	0	0	0	1	12	158
21:00	2	14	8	0	0	0	0	0	0	0	0	0	0	2	26
21:15	0	8	1	0	0	1	0	0	0	0	0	0	0	2	12
21:30	3	22	4	0	1	0	0	0	0	0	0	0	0	3	33
21:45	1	8	2	0	0	1	0	0	0	0	0	0	0	2	14
	6	52	15	0	1	2	0	0	0	0	0	0	0	9	85
22:00	0	10	3	0	0	0	0	0	1	0	0	0	0	4	18
22:15	1	12	2	0	0	0	0	2	0	0	0	0	0	0	17
22:30	0	13	1	0	1	1	0	0	0	0	0	0	0	2	18
22:45	1	27	2	0	1	0	0	0	0	0	0	0	0	6	37
	2	62	8	0	2	1	0	2	1	0	0	0	0	12	90
23:00	1	85	9	0	0	0	0	1	2	0	0	0	0	6	104
23:15	0	8	0	0	0	0	0	0	0	0	0	0	0	3	11
23:30	0	29	5	0	0	0	0	0	0	0	0	0	0	0	34
23:45	0	10	2	0	0	1	0	0	0	0	0	0	0	0	13
	1	132	16	0	0	1	0	1	2	0	0	0	0	9	162
Total	122	2449	499	4	73	27	1	15	25	3	1	0	4	436	3659
Percent	3.3%	66.9%	13.6%	0.1%	2.0%	0.7%	0.0%	0.4%	0.7%	0.1%	0.0%	0.0%	0.1%	11.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/07/15															
00:15	0	5	3	0	0	0	0	1	0	0	0	0	0	0	9
00:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
00:45	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
01:00	0	6	0	0	0	0	0	0	0	0	0	0	0	2	8
	0	22	4	0	0	0	0	1	0	0	0	0	0	2	29
01:15	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
01:30	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3
01:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	0	11	5	0	1	0	0	0	0	0	0	0	0	1	18
02:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
02:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
02:45	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
03:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	0	19	3	0	0	0	0	0	0	0	0	0	0	0	22
03:15	0	6	0	0	0	1	0	0	1	0	0	0	0	0	8
03:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
03:45	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	18	4	0	0	1	0	0	1	0	0	0	0	0	24
04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
04:45	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
05:00	0	7	2	0	0	0	0	0	1	0	0	0	0	1	11
	0	21	8	0	0	0	0	0	1	0	0	0	0	1	31
05:15	0	10	3	0	0	0	0	0	0	0	0	0	0	0	13
05:30	0	9	3	0	1	0	0	0	0	0	0	0	0	1	14
05:45	0	17	3	0	2	0	0	0	1	0	0	0	0	4	27
06:00	0	13	4	0	2	0	0	0	0	1	0	0	0	6	26
	0	49	13	0	5	0	0	0	1	1	0	0	0	11	80
06:15	1	19	12	0	0	0	0	0	0	0	0	0	0	3	35
06:30	1	17	6	0	1	0	0	1	0	0	0	0	0	4	30
06:45	1	29	10	0	1	0	0	0	0	0	0	0	1	4	46
07:00	2	41	7	0	3	0	0	0	0	0	0	0	0	16	69
	5	106	35	0	5	0	0	1	0	0	0	0	1	27	180
07:15	0	33	9	0	1	1	0	0	1	0	0	0	0	7	52
07:30	1	32	10	0	0	0	1	0	1	0	0	0	0	2	47
07:45	2	45	13	0	0	0	0	1	0	0	0	0	1	10	72
08:00	2	37	9	0	0	1	1	0	0	0	0	0	0	6	56
	5	147	41	0	1	2	2	1	2	0	0	0	1	25	227
08:15	0	36	11	1	0	2	0	0	1	0	0	0	0	7	58
08:30	5	29	13	0	0	1	0	0	0	0	0	0	0	6	54
08:45	1	26	13	0	0	1	0	0	1	0	0	0	0	7	49
09:00	2	26	9	0	2	1	0	0	1	0	0	0	0	2	43
	8	117	46	1	2	5	0	0	3	0	0	0	0	22	204
09:15	2	24	13	1	1	0	0	0	4	1	0	0	0	4	50
09:30	4	28	9	0	2	0	0	1	0	0	0	0	0	7	51
09:45	1	28	12	0	2	0	0	0	1	0	0	0	0	4	48
10:00	1	26	12	0	2	0	0	1	0	0	0	0	1	9	52
	8	106	46	1	7	0	0	2	5	1	0	0	1	24	201
10:15	2	24	11	0	0	0	1	0	1	0	0	0	1	3	43
10:30	2	36	9	0	1	2	0	0	1	0	0	0	0	5	56
10:45	2	48	14	0	0	1	0	0	0	0	0	0	0	8	73
11:00	0	37	10	0	0	0	1	1	1	0	0	0	0	5	55
	6	145	44	0	1	3	2	1	3	0	0	0	1	21	227
11:15	0	43	22	0	0	1	0	0	0	1	0	0	0	3	70
11:30	0	61	13	0	6	3	0	1	2	0	0	0	0	10	96
11:45	3	65	13	0	3	0	0	0	2	0	0	0	0	11	97
	0	56	12	0	4	1	1	1	2	0	0	0	0	24	101
	3	225	60	0	13	5	1	2	6	1	0	0	0	48	364
Total	35	986	309	2	35	16	5	8	22	3	0	0	4	182	1607
Percent	2.2%	61.4%	19.2%	0.1%	2.2%	1.0%	0.3%	0.5%	1.4%	0.2%	0.0%	0.0%	0.2%	11.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	2	84	13	0	1	0	1	0	2	0	0	0	1	16	120
12:15	2	60	14	1	3	1	0	2	1	0	0	0	0	13	97
12:30	1	57	17	0	1	1	0	0	1	0	0	0	1	17	96
12:45	7	59	15	0	2	4	2	0	1	0	0	0	0	16	106
	12	260	59	1	7	6	3	2	5	0	0	0	2	62	419
13:00	2	86	14	0	2	1	0	3	1	0	0	0	0	9	118
13:15	5	62	12	1	2	1	0	1	0	0	0	0	0	5	89
13:30	4	44	12	0	1	0	0	0	0	0	0	0	0	16	77
13:45	4	54	17	0	2	0	0	0	0	1	0	0	0	15	93
	15	246	55	1	7	2	0	4	1	1	0	0	0	45	377
14:00	2	66	17	0	1	0	0	0	0	0	0	0	0	13	99
14:15	0	39	12	1	2	0	0	0	2	0	0	0	0	8	64
14:30	2	70	11	0	0	2	0	1	0	0	0	0	0	10	96
14:45	6	77	14	0	1	1	0	2	0	0	0	0	1	18	120
	10	252	54	1	4	3	0	3	2	0	0	0	1	49	379
15:00	21	111	15	0	1	2	0	2	2	1	0	0	1	53	209
15:15	0	61	16	2	1	0	1	0	1	0	0	0	0	7	89
15:30	1	99	21	0	1	0	0	0	0	2	0	0	0	7	131
15:45	2	83	11	0	2	0	0	0	1	0	0	0	0	20	119
	24	354	63	2	5	2	1	2	4	3	0	0	1	87	548
16:00	3	135	32	0	1	1	0	2	1	0	0	0	0	10	185
16:15	4	102	31	0	2	2	0	0	2	0	0	0	0	8	151
16:30	11	110	16	0	1	1	0	0	1	0	0	0	0	29	169
16:45	6	66	16	0	2	2	0	1	0	0	0	0	0	15	108
	24	413	95	0	6	6	0	3	4	0	0	0	0	62	613
17:00	5	99	20	0	2	0	0	2	0	0	0	0	0	23	151
17:15	4	61	16	0	1	2	0	2	0	0	0	0	0	17	103
17:30	2	62	17	0	2	0	1	2	0	0	0	0	0	8	94
17:45	2	52	16	0	5	1	0	0	0	0	0	0	0	6	82
	13	274	69	0	10	3	1	6	0	0	0	0	0	54	430
18:00	0	54	11	0	3	1	0	0	1	0	0	0	0	15	85
18:15	3	48	9	0	3	0	0	0	0	0	0	0	0	6	69
18:30	1	46	10	0	1	0	0	0	1	0	0	0	0	2	61
18:45	1	56	8	0	0	0	0	0	0	0	0	0	0	2	67
	5	204	38	0	7	1	0	0	2	0	0	0	0	25	282
19:00	2	51	14	0	0	0	0	0	0	0	0	0	0	5	72
19:15	0	39	6	0	0	0	0	0	0	0	0	0	0	3	48
19:30	0	28	9	0	1	0	0	0	0	0	0	0	0	1	39
19:45	0	29	7	0	1	1	0	0	1	0	1	0	0	2	42
	2	147	36	0	2	1	0	0	1	0	1	0	0	11	201
20:00	0	18	5	0	0	1	0	1	1	0	0	0	0	4	30
20:15	0	27	4	0	0	0	0	2	0	0	0	0	1	6	40
20:30	3	17	4	0	0	0	1	0	0	0	0	0	0	2	27
20:45	0	22	3	0	0	0	0	1	0	0	0	0	0	1	27
	3	84	16	0	0	1	1	4	1	0	0	0	1	13	124
21:00	2	20	2	0	1	0	0	0	0	0	0	0	0	2	27
21:15	0	23	3	0	0	0	0	0	0	0	0	0	1	2	29
21:30	0	28	5	0	0	0	0	0	1	0	0	0	0	0	34
21:45	0	10	2	1	1	0	0	0	0	0	0	0	0	1	15
	2	81	12	1	2	0	0	0	1	0	0	0	1	5	105
22:00	0	11	4	0	2	0	0	0	0	0	0	0	0	0	17
22:15	0	16	2	0	0	0	0	0	1	0	0	0	0	1	20
22:30	1	13	1	0	0	0	0	0	0	0	0	0	0	2	17
22:45	1	36	4	0	0	0	0	0	0	0	0	0	0	4	45
	2	76	11	0	2	0	0	0	1	0	0	0	0	7	99
23:00	0	104	6	0	0	0	0	0	0	0	0	0	0	3	113
23:15	0	17	3	0	1	0	0	0	0	0	0	0	0	1	22
23:30	0	27	4	0	0	0	0	0	0	0	0	0	0	0	31
23:45	0	12	1	0	0	0	0	0	0	0	0	0	0	0	13
	0	160	14	0	1	0	0	0	0	0	0	0	0	4	179
Total	112	2551	522	6	53	25	6	24	22	4	1	0	6	424	3756
Percent	3.0%	67.9%	13.9%	0.2%	1.4%	0.7%	0.2%	0.6%	0.6%	0.1%	0.0%	0.0%	0.2%	11.3%	
Grand Total	306	6979	1636	15	206	87	15	64	98	13	3	0	20	1260	10702
Percent	2.9%	65.2%	15.3%	0.1%	1.9%	0.8%	0.1%	0.6%	0.9%	0.1%	0.0%	0.0%	0.2%	11.8%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/06/15															
00:15	0	14	4	0	0	0	0	1	1	0	0	0	0	0	20
00:30	0	11	1	0	0	0	0	0	0	0	0	0	0	0	12
00:45	0	4	2	0	1	0	0	0	1	0	0	0	0	1	9
01:00	1	2	1	0	1	0	0	0	1	0	0	0	1	0	7
	1	31	8	0	2	0	0	1	3	0	0	0	1	1	48
01:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
01:30	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
01:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	4	1	0	1	0	0	0	1	0	0	0	0	0	7
	0	15	5	0	1	0	0	0	1	0	0	0	0	0	22
02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	1	3
02:30	0	4	1	0	2	0	0	0	0	0	0	0	0	1	8
02:45	0	7	4	0	1	0	0	0	1	0	0	0	0	0	13
03:00	0	6	2	0	0	0	0	0	0	0	0	0	0	1	9
	0	18	8	0	3	0	0	0	1	0	0	0	0	3	33
03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:30	1	3	0	0	0	0	0	0	0	0	0	0	0	1	5
03:45	0	6	7	0	0	0	0	0	0	0	0	0	0	1	15
04:00	0	8	5	0	0	0	0	0	0	0	0	0	0	1	14
	2	18	12	0	0	0	0	0	0	0	0	0	0	3	35
04:15	1	2	2	0	1	0	0	1	0	0	0	0	0	0	7
04:30	0	11	1	0	2	0	0	0	1	0	0	0	0	4	19
04:45	0	24	8	0	1	0	0	0	0	0	0	0	0	1	34
05:00	1	34	8	0	0	0	0	1	0	0	0	0	0	1	45
	2	71	19	0	4	0	0	2	1	0	0	0	0	6	105
05:15	1	39	4	0	1	0	0	0	0	0	0	0	0	3	48
05:30	0	53	10	0	2	0	0	1	2	0	0	0	1	4	73
05:45	0	86	19	1	4	0	0	1	0	0	0	0	0	7	118
06:00	0	117	30	0	7	0	0	1	0	1	0	0	0	5	161
	1	295	63	1	14	0	0	3	2	1	0	0	1	19	400
06:15	0	72	20	1	7	0	0	1	1	0	0	0	0	8	110
06:30	3	107	39	1	3	2	0	1	1	0	0	0	0	18	175
06:45	1	105	22	0	8	1	0	2	1	0	0	0	0	14	154
07:00	2	137	40	1	6	2	0	1	0	0	0	0	0	24	213
	6	421	121	3	24	5	0	5	3	0	0	0	0	64	652
07:15	1	90	27	0	6	1	0	0	5	0	0	0	0	15	145
07:30	3	84	27	1	11	1	1	2	3	0	0	0	0	19	152
07:45	2	114	26	1	5	3	0	2	1	1	0	0	0	33	188
08:00	4	154	26	0	8	3	0	1	0	0	1	0	0	19	216
	10	442	106	2	30	8	1	5	9	1	1	0	0	86	701
08:15	4	96	22	3	9	1	0	2	3	2	0	0	0	18	160
08:30	2	97	33	1	6	1	0	0	1	1	1	0	0	11	154
08:45	1	97	27	0	4	4	1	4	2	0	0	0	2	6	148
09:00	5	79	27	0	2	0	0	1	3	1	0	0	0	15	133
	12	369	109	4	21	6	1	7	9	4	1	0	2	50	595
09:15	1	54	21	0	3	3	0	1	1	0	0	0	0	6	90
09:30	0	53	22	0	2	0	0	3	3	1	0	0	0	10	94
09:45	1	47	20	2	6	1	0	2	3	0	0	0	1	9	92
10:00	2	66	20	1	4	1	0	0	1	0	0	0	0	12	107
	4	220	83	3	15	5	0	6	8	1	0	0	1	37	383
10:15	2	61	17	1	6	1	0	1	4	0	0	0	0	7	100
10:30	1	61	26	0	3	2	0	1	2	0	0	0	0	9	105
10:45	1	86	25	1	5	0	0	1	0	0	0	0	0	10	129
11:00	3	64	32	1	8	2	0	2	3	0	0	0	0	20	135
	7	272	100	3	22	5	0	5	9	0	0	0	0	46	469
11:15	1	86	22	2	4	0	0	4	4	0	0	0	1	7	131
11:30	1	74	34	0	10	1	0	1	2	0	1	0	0	9	133
11:45	3	114	26	1	7	0	0	3	2	0	0	0	0	21	177
	1	134	34	2	6	3	1	1	2	0	0	0	0	27	211
	6	408	116	5	27	4	1	9	10	0	1	0	1	64	652
Total	51	2580	750	21	163	33	3	43	56	7	3	0	6	379	4095
Percent	1.2%	63.0%	18.3%	0.5%	4.0%	0.8%	0.1%	1.1%	1.4%	0.2%	0.1%	0.0%	0.1%	9.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	5	133	30	1	8	1	0	1	4	1	0	0	1	26	211
12:15	2	129	36	0	8	0	0	1	0	0	0	0	0	25	201
12:30	0	128	35	0	7	2	0	1	2	0	0	0	0	13	188
12:45	5	114	32	1	11	0	0	3	3	0	0	0	0	8	177
	12	504	133	2	34	3	0	6	9	1	0	0	1	72	777
13:00	8	140	29	1	9	1	0	0	0	0	0	0	0	14	202
13:15	4	103	30	0	4	2	0	1	2	0	0	0	0	24	170
13:30	2	84	27	1	4	1	0	0	1	0	0	0	0	20	140
13:45	4	95	33	0	5	1	0	2	1	0	0	0	0	13	154
	18	422	119	2	22	5	0	3	4	0	0	0	0	71	666
14:00	5	132	16	0	5	1	0	2	2	0	0	0	0	11	174
14:15	2	120	35	1	6	1	0	0	1	0	0	0	0	27	193
14:30	1	87	33	0	6	0	0	3	1	1	0	0	0	24	156
14:45	4	113	26	1	4	1	0	1	2	0	0	0	0	26	178
	12	452	110	2	21	3	0	6	6	1	0	0	0	88	701
15:00	14	112	19	2	9	5	0	1	3	0	0	0	1	69	235
15:15	3	103	26	2	2	1	0	3	4	0	0	0	0	17	161
15:30	5	120	40	1	0	1	0	2	3	0	0	0	1	30	203
15:45	0	130	24	2	7	2	0	2	3	0	0	0	0	24	194
	22	465	109	7	18	9	0	8	13	0	0	0	2	140	793
16:00	11	157	39	1	4	1	0	1	4	0	0	0	0	36	254
16:15	8	128	32	0	6	0	0	2	1	0	0	0	0	19	196
16:30	11	135	22	0	4	3	0	2	1	0	0	0	0	54	232
16:45	9	132	41	0	9	3	0	0	1	1	0	0	0	22	218
	39	552	134	1	23	7	0	5	7	1	0	0	0	131	900
17:00	8	165	34	0	4	4	0	0	6	0	1	0	0	35	257
17:15	4	125	41	0	4	1	0	2	1	0	0	0	0	27	205
17:30	1	104	29	0	11	3	0	1	1	1	0	0	0	17	168
17:45	1	108	27	0	5	1	0	0	0	0	0	0	0	13	155
	14	502	131	0	24	9	0	3	8	1	1	0	0	92	785
18:00	2	114	20	0	1	2	0	1	2	0	0	0	0	14	156
18:15	5	97	22	0	4	1	0	2	2	0	0	0	0	16	149
18:30	2	88	19	0	7	2	0	1	0	0	0	0	0	17	136
18:45	2	78	21	0	3	1	0	0	3	0	0	0	0	10	118
	11	377	82	0	15	6	0	4	7	0	0	0	0	57	559
19:00	4	90	21	0	3	1	1	1	2	0	0	0	0	10	133
19:15	0	58	19	0	2	1	0	0	1	0	0	0	0	6	87
19:30	0	64	10	0	6	0	0	1	0	0	0	0	0	3	84
19:45	0	61	15	0	0	0	0	0	2	0	0	0	0	2	80
	4	273	65	0	11	2	1	2	5	0	0	0	0	21	384
20:00	2	68	12	1	4	0	0	1	0	0	0	0	1	8	97
20:15	1	59	19	1	3	1	0	1	1	0	0	0	0	3	89
20:30	0	47	9	0	3	0	0	0	2	0	0	0	0	2	63
20:45	2	37	8	0	3	0	0	0	1	0	0	0	0	6	57
	5	211	48	2	13	1	0	2	4	0	0	0	1	19	306
21:00	2	26	13	0	1	0	0	0	0	0	0	0	0	2	44
21:15	0	26	8	0	2	1	0	0	0	0	0	0	0	5	42
21:30	3	41	8	0	3	0	0	0	0	0	0	0	0	4	59
21:45	2	22	9	0	1	2	0	0	1	0	0	0	0	3	40
	7	115	38	0	7	3	0	0	1	0	0	0	0	14	185
22:00	0	24	8	0	1	0	0	0	2	0	0	0	0	5	40
22:15	1	46	10	0	1	0	0	2	0	0	0	0	0	1	61
22:30	1	62	5	0	1	1	0	0	0	0	0	0	0	4	74
22:45	2	56	6	0	2	0	0	0	2	0	0	0	0	6	74
	4	188	29	0	5	1	0	2	4	0	0	0	0	16	249
23:00	1	94	11	0	1	0	0	1	2	0	0	0	0	9	119
23:15	0	18	2	0	1	0	0	0	0	0	0	0	0	5	26
23:30	0	39	9	0	0	0	0	0	1	0	0	0	0	0	49
23:45	0	18	7	0	0	1	0	0	0	0	0	0	0	0	26
	1	169	29	0	2	1	0	1	3	0	0	0	0	14	220
Total	149	4230	1027	16	195	50	1	42	71	4	1	0	4	735	6525
Percent	2.3%	64.8%	15.7%	0.2%	3.0%	0.8%	0.0%	0.6%	1.1%	0.1%	0.0%	0.0%	0.1%	11.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/07/15															
00:15	0	9	5	0	0	0	0	1	0	0	0	0	0	0	15
00:30	1	10	1	0	0	1	0	0	0	0	0	0	0	0	13
00:45	0	9	1	0	0	0	0	0	1	0	0	0	0	0	11
01:00	0	10	0	0	0	0	0	0	0	0	0	0	0	2	12
01:15	1	38	7	0	0	1	0	1	1	0	0	0	0	2	51
01:30	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
01:45	0	3	2	0	1	0	0	0	0	0	0	0	0	1	7
02:00	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
02:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
02:30	0	23	6	0	1	0	0	0	0	0	0	0	0	1	31
02:45	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
03:15	0	11	3	0	0	0	0	0	1	0	0	0	0	0	15
03:30	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
03:45	0	30	5	0	0	0	0	0	1	0	0	0	0	0	36
04:00	0	6	0	0	0	1	0	0	1	0	0	0	0	1	9
04:15	0	4	1	0	1	0	0	0	0	0	0	0	0	0	5
04:30	0	8	4	0	1	0	0	0	0	0	0	0	0	0	13
04:45	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8
05:00	0	22	9	0	1	1	0	0	1	0	0	0	0	1	35
05:15	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
05:30	0	13	4	1	0	0	0	0	0	0	0	0	0	0	18
05:45	0	25	11	0	1	0	0	0	0	0	0	0	0	0	37
06:00	0	44	12	0	0	1	0	0	1	0	0	0	0	2	60
06:15	0	85	28	1	2	1	0	0	1	0	0	0	0	2	120
06:30	0	33	5	0	0	0	0	0	0	0	0	0	0	1	39
06:45	0	65	11	0	2	0	0	0	1	0	0	0	0	1	80
07:00	0	71	14	0	7	0	0	1	2	0	0	0	0	7	102
07:15	0	130	26	1	8	1	0	0	0	2	0	0	0	18	186
07:30	0	299	56	1	17	1	0	1	3	2	0	0	0	27	407
07:45	1	71	24	0	2	0	0	2	0	0	0	0	0	7	107
08:00	1	139	29	0	6	0	0	1	1	1	0	0	0	8	186
08:15	3	128	30	1	11	1	0	2	0	0	0	0	1	7	184
08:30	4	128	35	1	9	3	0	2	1	0	0	0	0	26	209
08:45	9	466	118	2	28	4	0	7	2	1	0	0	1	48	686
09:00	0	105	30	2	11	1	0	0	1	0	0	0	0	13	163
09:15	1	94	23	0	4	0	1	2	1	0	0	0	0	11	137
09:30	3	117	36	2	2	2	0	3	2	0	0	0	1	18	186
09:45	2	157	29	0	7	1	1	2	2	0	0	0	0	19	220
10:00	6	473	118	4	24	4	2	7	6	0	0	0	1	61	706
10:15	0	123	25	2	5	2	0	0	1	0	0	0	0	14	172
10:30	6	91	32	1	4	2	0	0	1	0	0	0	0	9	146
10:45	2	61	35	2	2	2	0	0	1	0	0	0	0	9	114
11:00	2	49	19	0	5	1	0	0	1	0	0	0	0	3	80
11:15	10	324	111	5	16	7	0	0	4	0	0	0	0	35	512
11:30	2	47	24	1	3	0	0	0	6	1	0	0	0	5	89
11:45	5	48	22	3	4	1	0	2	0	0	0	0	0	12	97
12:00	1	56	25	1	9	1	0	0	1	0	0	0	0	7	101
12:15	3	54	25	2	4	0	0	1	2	0	0	0	1	14	106
12:30	11	205	96	7	20	2	0	3	9	1	0	0	1	38	393
12:45	2	52	25	1	3	0	1	0	2	0	0	0	1	5	92
13:00	3	70	20	1	8	2	0	0	3	0	0	0	0	9	116
13:15	2	75	25	1	3	2	0	0	0	0	0	0	0	14	122
13:30	1	73	31	0	5	1	1	2	1	0	0	0	0	5	120
13:45	8	270	101	3	19	5	2	2	6	0	0	0	1	33	450
14:00	0	72	38	1	5	1	0	1	3	1	0	0	0	4	126
14:15	0	96	30	0	9	3	0	1	3	0	0	0	0	15	157
14:30	4	135	32	0	7	1	0	1	3	0	0	0	0	25	208
14:45	1	111	29	1	8	3	1	2	2	0	0	0	0	37	195
15:00	5	414	129	2	29	8	1	5	11	1	0	0	0	81	686
Total	50	2649	784	25	157	34	5	26	45	5	0	0	4	329	4113
Percent	1.2%	64.4%	19.1%	0.6%	3.8%	0.8%	0.1%	0.6%	1.1%	0.1%	0.0%	0.0%	0.1%	8.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	2	139	29	1	10	0	1	0	3	1	0	0	1	27	214
12:15	3	124	32	2	10	1	0	3	1	0	0	0	0	21	197
12:30	1	111	33	1	9	1	0	0	2	0	0	0	1	25	184
12:45	11	119	32	1	7	4	2	0	2	0	0	0	0	28	206
	17	493	126	5	36	6	3	3	8	1	0	0	2	101	801
13:00	2	136	28	1	6	1	0	4	2	0	0	0	0	15	195
13:15	9	113	26	1	12	2	0	2	1	0	0	0	0	12	178
13:30	4	89	26	1	6	1	0	1	1	0	0	0	0	26	155
13:45	5	90	28	2	5	0	0	0	2	1	0	0	0	31	164
	20	428	108	5	29	4	0	7	6	1	0	0	0	84	692
14:00	3	128	28	0	5	1	0	0	0	0	0	0	0	23	188
14:15	2	142	34	1	4	1	0	4	2	0	1	0	0	17	208
14:30	2	116	32	0	4	3	0	3	1	0	0	0	0	25	186
14:45	7	116	25	1	2	2	0	3	1	0	0	0	1	33	191
	14	502	119	2	15	7	0	10	4	0	1	0	1	98	773
15:00	21	126	20	0	5	2	0	2	2	1	0	0	1	74	254
15:15	0	105	32	3	1	0	1	1	2	0	0	0	0	15	160
15:30	1	152	38	0	4	0	0	0	1	2	0	0	0	20	218
15:45	4	140	30	1	5	1	0	1	2	0	0	0	0	32	216
	26	523	120	4	15	3	1	4	7	3	0	0	1	141	848
16:00	5	168	45	0	3	2	0	3	3	0	0	0	0	17	246
16:15	6	139	43	0	4	3	0	1	4	0	0	0	0	14	214
16:30	13	135	32	1	5	2	1	1	1	0	0	0	0	50	241
16:45	8	114	26	1	4	2	0	2	1	0	0	0	0	31	189
	32	556	146	2	16	9	1	7	9	0	0	0	0	112	890
17:00	8	141	40	0	4	2	0	3	1	1	0	0	0	35	235
17:15	5	108	33	0	3	2	0	2	3	0	0	0	0	28	184
17:30	3	120	42	0	4	1	1	3	2	1	0	0	0	14	191
17:45	3	88	35	2	9	2	0	2	1	0	0	0	0	14	156
	19	457	150	2	20	7	1	10	7	2	0	0	0	91	766
18:00	0	98	22	0	3	1	0	1	3	0	0	0	0	22	150
18:15	5	99	22	1	5	1	0	0	1	0	0	0	0	15	149
18:30	1	93	16	1	3	0	0	0	2	0	0	0	0	3	119
18:45	2	89	23	0	2	0	0	0	2	0	0	0	0	4	122
	8	379	83	2	13	2	0	1	8	0	0	0	0	44	540
19:00	4	87	20	0	5	1	0	0	0	0	0	0	0	10	127
19:15	0	67	17	0	2	0	0	0	0	0	0	0	0	4	90
19:30	0	59	18	0	2	0	0	0	0	0	0	0	0	2	81
19:45	1	49	14	0	2	2	0	1	2	0	1	0	0	3	75
	5	262	69	0	11	3	0	1	2	0	1	0	0	19	373
20:00	0	52	16	0	2	1	0	1	1	0	0	0	0	4	77
20:15	0	46	13	0	1	0	0	2	2	0	0	0	1	8	73
20:30	4	44	7	0	0	1	1	0	0	0	0	0	0	5	62
20:45	0	45	5	0	1	0	0	1	0	0	0	0	0	4	56
	4	187	41	0	4	2	1	4	3	0	0	0	1	21	268
21:00	2	38	5	0	3	0	0	0	0	0	0	0	0	2	50
21:15	1	46	8	0	0	1	0	0	0	0	0	0	1	2	59
21:30	0	43	14	0	0	0	0	0	2	0	0	0	0	0	59
21:45	0	33	8	1	3	0	0	1	1	0	0	0	0	2	49
	3	160	35	1	6	1	0	1	3	0	0	0	1	6	217
22:00	0	31	8	0	3	0	0	0	0	0	0	0	0	0	42
22:15	1	55	10	0	1	1	0	0	2	0	0	0	0	2	72
22:30	1	77	10	0	1	0	0	0	0	0	0	0	0	3	92
22:45	1	64	8	0	1	0	0	0	0	0	0	0	0	5	79
	3	227	36	0	6	1	0	0	2	0	0	0	0	10	285
23:00	0	110	9	0	1	0	0	0	0	0	0	0	0	5	125
23:15	0	28	5	0	2	0	0	1	0	0	0	0	0	2	38
23:30	0	37	7	0	1	0	0	0	0	0	0	0	0	0	45
23:45	0	19	2	0	2	0	0	0	0	0	0	0	0	0	23
	0	194	23	0	6	0	0	1	0	0	0	0	0	7	231
Total	151	4368	1056	23	177	45	7	49	59	7	2	0	6	734	6684
Percent	2.3%	65.4%	15.8%	0.3%	2.6%	0.7%	0.1%	0.7%	0.9%	0.1%	0.0%	0.0%	0.1%	11.0%	
Grand Total	401	13827	3617	85	692	162	16	160	231	23	6	0	20	2177	21417
Percent	1.9%	64.6%	16.9%	0.4%	3.2%	0.8%	0.1%	0.7%	1.1%	0.1%	0.0%	0.0%	0.1%	10.2%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	70	21	1	1	0	0	0	0	0	0	0	0	0	93
16:15	0	81	25	0	1	0	0	1	0	0	0	0	0	6	114
16:30	0	95	24	1	3	0	0	1	0	0	0	0	0	3	127
16:45	0	76	31	0	4	0	0	3	0	0	0	0	0	9	123
	0	322	101	2	9	0	0	5	0	0	0	0	0	18	457
17:00	0	77	21	0	1	0	0	3	0	0	0	0	0	5	107
17:15	0	108	21	0	3	0	0	2	0	0	0	0	0	3	137
17:30	0	81	16	0	4	0	0	0	0	0	0	0	0	4	105
17:45	0	77	17	0	2	0	0	1	0	0	0	0	0	3	100
	0	343	75	0	10	0	0	6	0	0	0	0	0	15	449
18:00	0	66	17	0	3	0	0	0	0	0	0	0	0	5	91
18:15	0	68	13	0	0	0	0	0	0	0	0	0	0	1	82
18:30	0	37	13	0	1	0	0	0	0	0	0	0	0	2	53
18:45	0	56	11	0	0	0	0	1	0	0	0	0	0	3	71
	0	227	54	0	4	0	0	1	0	0	0	0	0	11	297
19:00	0	56	11	0	0	0	0	0	0	0	0	0	0	1	68
19:15	0	30	21	0	3	0	0	0	0	0	0	0	0	1	55
19:30	0	41	9	0	1	0	0	0	0	0	0	0	0	1	52
19:45	0	45	9	0	1	0	0	1	0	0	0	0	0	0	56
	0	172	50	0	5	0	0	1	0	0	0	0	0	3	231
20:00	0	37	9	0	0	0	0	0	0	0	0	0	0	3	49
20:15	0	31	9	0	1	0	0	0	0	0	0	0	0	0	41
20:30	0	24	10	0	0	0	0	0	0	0	0	0	0	0	34
20:45	0	21	2	0	0	0	0	1	0	0	0	0	0	0	24
	0	113	30	0	1	0	0	1	0	0	0	0	0	3	148
21:00	0	21	7	0	1	0	0	1	0	0	0	0	0	0	30
21:15	0	20	2	0	0	0	0	2	0	0	0	0	0	0	24
21:30	0	16	6	0	1	0	0	0	0	0	0	0	0	0	23
21:45	0	11	4	0	0	0	0	0	0	0	0	0	0	1	16
	0	68	19	0	2	0	0	3	0	0	0	0	0	1	93
22:00	0	15	2	0	1	0	0	0	0	0	0	0	0	1	19
22:15	0	15	2	0	0	0	0	0	0	0	0	0	0	0	17
22:30	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
22:45	0	14	1	0	0	0	0	0	0	0	0	0	0	0	15
	0	54	9	0	1	0	0	0	0	0	0	0	0	1	65
23:00	0	31	5	0	0	0	0	0	0	0	0	0	0	0	36
23:15	0	17	0	0	0	0	0	1	0	0	0	0	0	0	18
23:30	0	8	0	0	0	0	0	1	0	0	0	0	0	0	9
23:45	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	0	64	6	0	0	0	0	2	0	0	0	0	0	0	72
Total	0	1363	344	2	32	0	0	19	0	0	0	0	0	52	1812
Percent	0.0%	75.2%	19.0%	0.1%	1.8%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/1															
4	0	3	2	0	0	0	0	0	0	0	0	0	0	1	6
00:15	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
00:30	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
00:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	16	6	0	0	0	0	0	0	0	0	0	0	1	23
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
01:15	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	2	1	0	0	0	0	1	0	0	0	0	0	0	4
02:30	0	4	1	1	0	0	0	0	0	0	0	0	0	0	6
02:45	0	3	5	0	0	0	0	1	0	0	0	0	0	0	9
	0	9	7	1	0	0	0	2	0	0	0	0	0	0	19
03:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
03:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
03:30	0	5	2	0	1	0	0	0	0	0	0	0	0	0	8
03:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	0	10	9	0	1	0	0	0	0	0	0	0	0	0	20
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
05:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
05:15	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
05:30	0	6	1	0	0	0	0	1	0	0	0	0	0	0	8
05:45	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
	0	23	5	0	0	0	0	1	0	0	0	0	0	0	29
06:00	0	12	6	1	1	0	0	0	0	0	0	0	0	0	20
06:15	0	12	3	0	1	0	0	1	0	0	0	0	0	1	18
06:30	0	17	5	0	3	0	0	1	0	0	0	0	0	2	28
06:45	0	21	2	0	0	0	0	2	0	0	0	0	0	2	27
	0	62	16	1	5	0	0	4	0	0	0	0	0	5	93
07:00	0	50	13	2	2	0	0	3	0	0	0	0	0	0	70
07:15	0	31	10	1	2	0	0	5	0	0	0	0	0	1	50
07:30	0	30	8	1	3	0	0	3	0	0	0	0	0	1	46
07:45	0	36	14	1	1	0	0	0	0	0	0	0	0	3	55
	0	147	45	5	8	0	0	11	0	0	0	0	0	5	221
08:00	0	46	11	0	2	0	0	2	0	0	0	0	0	1	62
08:15	0	43	19	0	2	0	0	0	0	0	0	0	0	2	66
08:30	0	24	14	1	4	0	0	0	0	0	0	0	0	0	43
08:45	0	29	17	2	0	0	0	0	0	0	0	0	0	1	49
	0	142	61	3	8	0	0	2	0	0	0	0	0	4	220
09:00	0	27	12	0	0	0	0	1	0	0	0	0	0	4	44
09:15	0	31	13	1	3	0	0	3	0	0	0	0	0	1	52
09:30	0	36	11	2	5	0	0	2	0	0	0	0	0	1	57
09:45	0	29	10	0	2	0	0	0	0	0	0	0	0	2	43
	0	123	46	3	10	0	0	6	0	0	0	0	0	8	196
10:00	0	30	10	1	1	0	0	2	0	0	0	0	0	4	48
10:15	0	30	19	1	2	0	0	1	0	0	0	0	0	0	53
10:30	0	20	18	0	5	0	0	1	0	0	0	0	0	0	44
10:45	0	28	3	1	3	0	0	3	0	0	0	0	0	3	41
	0	108	50	3	11	0	0	7	0	0	0	0	0	7	186
11:00	0	48	14	0	2	0	0	1	0	0	0	0	0	2	67
11:15	0	39	15	0	4	0	0	1	0	0	0	0	0	0	59
11:30	0	36	15	2	2	0	0	0	0	0	0	0	0	1	56
11:45	0	35	13	0	3	0	0	0	0	0	0	0	0	3	54
	0	158	57	2	11	0	0	2	0	0	0	0	0	6	236
Total	0	814	307	18	54	0	0	35	0	0	0	0	0	36	1264
Percent	0.0%	64.4%	24.3%	1.4%	4.3%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	57	14	1	2	0	0	0	0	0	0	0	0	6	80
12:15	0	58	15	0	3	0	0	1	0	0	0	0	0	2	79
12:30	0	47	17	1	3	0	0	0	0	0	0	0	0	1	69
12:45	0	41	17	0	3	0	0	0	0	0	0	0	0	4	65
	0	203	63	2	11	0	0	1	0	0	0	0	0	13	293
13:00	0	34	16	0	1	0	0	1	0	0	0	0	0	2	54
13:15	0	50	21	2	3	0	0	0	0	0	0	0	0	3	79
13:30	0	52	17	1	2	0	0	2	0	0	0	0	0	1	75
13:45	0	62	13	0	2	0	0	1	0	0	0	0	0	1	79
	0	198	67	3	8	0	0	4	0	0	0	0	0	7	287
14:00	0	49	19	0	3	0	0	1	0	0	0	0	0	2	74
14:15	0	40	16	0	4	0	0	0	0	0	0	0	0	2	62
14:30	0	53	9	0	1	0	0	0	0	0	0	0	0	1	64
14:45	0	66	16	0	1	0	0	3	0	0	0	0	0	6	92
	0	208	60	0	9	0	0	4	0	0	0	0	0	11	292
15:00	0	58	22	2	8	0	0	2	0	0	0	0	0	3	95
15:15	0	69	19	0	1	0	0	1	0	0	0	0	0	2	92
15:30	0	60	19	5	5	0	0	0	0	0	0	0	0	9	98
15:45	0	81	32	0	2	0	0	2	0	0	0	0	0	1	118
	0	268	92	7	16	0	0	5	0	0	0	0	0	15	403
16:00	0	67	25	1	2	0	0	1	0	0	0	0	0	4	100
16:15	0	91	24	0	1	0	0	2	0	0	0	0	0	3	121
16:30	0	77	20	1	6	0	0	1	0	0	0	0	0	2	107
16:45	0	91	23	0	5	0	0	1	0	0	0	0	0	2	122
	0	326	92	2	14	0	0	5	0	0	0	0	0	11	450
17:00	0	93	28	1	3	0	0	2	0	0	0	0	0	6	133
17:15	0	105	30	0	2	0	0	1	0	0	0	0	0	4	142
17:30	0	101	21	0	0	0	0	1	0	0	0	0	0	2	125
17:45	0	73	24	0	2	0	0	0	0	0	0	0	0	1	100
	0	372	103	1	7	0	0	4	0	0	0	0	0	13	500
18:00	0	69	15	0	3	0	0	0	0	0	0	0	0	1	88
18:15	0	82	18	0	1	0	0	1	0	0	0	0	0	4	106
18:30	0	75	19	0	2	0	0	0	0	0	0	0	0	1	97
18:45	0	43	15	0	1	0	0	0	1	0	0	0	0	0	60
	0	269	67	0	7	0	0	1	1	0	0	0	0	6	351
19:00	0	48	14	1	3	0	0	1	0	0	0	0	0	4	71
19:15	0	37	15	0	5	0	0	0	0	0	0	0	0	1	58
19:30	0	52	10	0	1	0	0	0	0	0	0	0	0	4	67
19:45	0	35	8	0	1	0	0	0	0	0	0	0	0	0	44
	0	172	47	1	10	0	0	1	0	0	0	0	0	9	240
20:00	0	29	9	0	0	0	0	0	0	0	0	0	0	0	38
20:15	0	38	5	0	0	0	0	0	0	0	0	0	0	1	44
20:30	0	30	8	0	2	0	0	0	0	0	0	0	0	1	41
20:45	0	31	8	0	1	0	0	0	0	0	0	0	0	0	40
	0	128	30	0	3	0	0	0	0	0	0	0	0	2	163
21:00	0	31	4	0	2	0	0	1	0	0	0	0	0	0	38
21:15	0	26	8	0	0	0	0	1	0	0	0	0	0	0	35
21:30	0	28	0	0	0	0	0	0	0	0	0	0	0	2	30
21:45	0	15	3	0	0	0	0	0	0	0	0	0	0	0	18
	0	100	15	0	2	0	0	2	0	0	0	0	0	2	121
22:00	0	14	1	0	1	0	0	0	0	0	0	0	0	0	16
22:15	0	14	1	0	1	0	0	0	0	0	0	0	0	0	16
22:30	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
22:45	0	10	3	0	0	0	0	0	0	0	0	0	0	0	13
	0	45	8	0	2	0	0	0	0	0	0	0	0	0	55
23:00	0	46	2	0	0	0	0	0	0	0	0	0	0	0	48
23:15	0	18	1	0	0	0	0	0	0	0	0	0	0	0	19
23:30	0	19	1	0	0	0	0	1	0	0	0	0	0	0	21
23:45	0	17	1	0	0	0	0	0	0	0	0	0	0	0	18
	0	100	5	0	0	0	0	1	0	0	0	0	0	0	106
Total	0	2389	649	16	89	0	0	28	1	0	0	0	0	89	3261
Percent	0.0%	73.3%	19.9%	0.5%	2.7%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/14															
00:15	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
00:30	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
00:45	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
01:00	0	3	2	1	0	0	0	0	0	0	0	0	0	0	6
	0	29	6	1	0	0	0	0	0	0	0	0	0	0	36
01:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	0	6	0	0	0	0	0	0	0	0	0	0	0	1	7
02:15	0	3	0	0	0	0	0	0	0	0	0	0	0	1	4
02:30	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
02:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	0	13	5	0	0	0	0	0	0	0	0	0	0	1	19
03:15	0	2	5	0	0	0	0	1	0	0	0	0	0	0	8
03:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
03:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	0	9	8	0	0	0	0	1	0	0	0	0	0	0	18
04:15	0	1	0	0	0	0	0	1	0	0	0	0	0	1	3
04:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	6	3	0	0	0	0	2	0	0	0	0	0	1	12
05:15	0	3	1	0	0	0	0	1	0	0	0	0	0	0	5
05:30	0	7	2	1	0	0	0	0	0	0	0	0	0	1	11
05:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
06:00	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	0	21	5	1	0	0	0	1	0	0	0	0	0	1	29
06:15	0	13	7	1	1	0	0	0	0	0	0	0	0	1	23
06:30	0	16	3	0	1	0	0	1	0	0	0	0	0	1	22
06:45	0	21	7	0	1	0	0	1	0	0	0	0	0	1	31
07:00	0	21	7	2	0	0	0	1	0	0	0	0	0	2	33
	0	71	24	3	3	0	0	3	0	0	0	0	0	5	109
07:15	0	29	7	2	1	0	0	3	0	0	0	0	0	4	46
07:30	0	29	8	1	2	0	0	7	0	0	0	0	0	0	47
07:45	0	23	6	2	1	0	0	1	0	0	0	0	0	2	35
08:00	0	36	8	2	0	0	0	0	0	0	0	0	0	4	50
	0	117	29	7	4	0	0	11	0	0	0	0	0	10	178
08:15	0	30	20	0	2	0	0	0	0	0	0	0	0	6	58
08:30	0	53	17	0	2	0	0	0	0	0	0	0	0	5	77
08:45	0	30	13	0	3	0	0	1	0	0	0	0	0	3	50
09:00	0	31	6	0	4	0	0	0	0	0	0	0	0	2	43
	0	144	56	0	11	0	0	1	0	0	0	0	0	16	228
09:15	0	23	9	2	1	0	0	2	0	0	0	0	0	0	37
09:30	0	29	7	0	2	0	0	3	0	0	0	0	0	2	43
09:45	0	37	22	0	6	0	0	1	0	0	0	0	0	0	66
10:00	0	36	9	1	2	0	0	1	0	0	0	0	0	2	51
	0	125	47	3	11	0	0	7	0	0	0	0	0	4	197
10:15	0	20	13	0	2	0	0	3	0	0	0	0	0	0	38
10:30	0	37	5	0	3	0	0	2	0	0	0	0	0	2	49
10:45	0	34	12	1	1	0	0	0	0	0	0	0	0	0	48
11:00	0	33	20	1	4	0	0	1	0	0	0	0	0	0	59
	0	124	50	2	10	0	0	6	0	0	0	0	0	2	194
11:15	1	47	12	0	3	0	0	1	0	0	1	0	0	2	67
11:30	0	44	15	2	1	0	0	2	0	0	0	0	0	3	67
11:45	0	26	11	0	2	0	0	4	0	0	0	0	0	2	45
	0	45	12	0	7	0	0	0	0	0	0	0	0	2	66
	1	162	50	2	13	0	0	7	0	0	1	0	0	9	245
Total	1	827	283	19	52	0	0	39	0	0	1	0	0	50	1272
Percent	0.1%	65.0%	22.2%	1.5%	4.1%	0.0%	0.0%	3.1%	0.0%	0.0%	0.1%	0.0%	0.0%	3.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	51	13	1	3	0	0	1	0	0	0	0	0	1	70
12:15	0	47	18	0	3	0	0	3	0	0	0	0	0	1	72
12:30	0	61	24	0	2	0	0	0	0	0	0	0	0	2	89
12:45	0	46	17	1	4	0	0	1	0	0	0	0	0	1	70
	0	205	72	2	12	0	0	5	0	0	0	0	0	5	301
13:00	0	50	24	2	2	0	0	2	0	0	0	0	0	1	81
13:15	0	57	18	0	1	0	0	3	0	0	0	0	0	2	81
13:30	0	49	18	0	1	0	0	2	0	0	0	0	0	2	72
13:45	0	53	23	0	6	0	0	1	0	0	0	0	0	3	86
	0	209	83	2	10	0	0	8	0	0	0	0	0	8	320
14:00	0	55	11	0	3	0	0	2	0	0	0	0	0	4	75
14:15	0	51	13	0	4	0	0	0	0	0	0	0	0	3	71
14:30	0	60	17	2	2	0	0	0	0	0	0	0	0	1	82
14:45	0	66	19	0	2	0	0	0	0	0	0	0	0	2	89
	0	232	60	2	11	0	0	2	0	0	0	0	0	10	317
15:00	0	66	17	1	3	0	0	0	0	0	0	0	0	2	89
15:15	0	64	22	0	3	0	0	3	0	0	0	0	0	2	94
15:30	0	50	26	3	3	0	0	2	0	0	0	0	0	3	87
15:45	0	69	23	1	4	0	0	1	0	0	0	0	0	6	104
	0	249	88	5	13	0	0	6	0	0	0	0	0	13	374
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	895	303	11	46	0	0	21	0	0	0	0	0	36	1312
Percent	0.0%	68.2%	23.1%	0.8%	3.5%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	
Grand Total	1	6288	1886	66	273	0	0	142	1	0	1	0	0	263	8921
Percent	0.0%	70.5%	21.1%	0.7%	3.1%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	72	18	1	2	0	0	3	0	0	0	0	0	3	99
16:15	0	60	19	0	1	0	0	2	0	0	0	0	0	4	86
16:30	0	44	13	0	1	0	0	0	0	0	0	0	0	4	62
16:45	0	45	20	0	1	0	0	1	0	0	0	0	0	4	71
	0	221	70	1	5	0	0	6	0	0	0	0	0	15	318
17:00	0	48	17	0	1	0	0	1	0	0	0	0	0	6	73
17:15	0	55	12	0	1	0	0	1	0	0	0	0	0	1	70
17:30	0	56	14	0	1	0	0	1	0	0	0	0	0	3	75
17:45	0	52	8	0	0	0	0	0	0	0	0	0	0	4	64
	0	211	51	0	3	0	0	3	0	0	0	0	0	14	282
18:00	0	41	12	0	1	0	0	0	0	0	0	0	0	0	54
18:15	0	53	17	0	0	0	0	0	0	0	0	0	0	0	70
18:30	0	48	12	0	1	0	0	1	0	0	0	0	0	2	64
18:45	0	41	15	0	2	0	0	1	0	0	0	0	0	2	61
	0	183	56	0	4	0	0	2	0	0	0	0	0	4	249
19:00	0	34	13	0	3	0	0	0	0	0	0	0	0	0	50
19:15	0	31	10	0	2	0	0	1	0	0	0	0	0	1	45
19:30	0	22	10	0	0	0	0	1	0	0	0	0	0	1	34
19:45	0	23	5	1	0	0	0	0	0	0	0	0	0	1	30
	0	110	38	1	5	0	0	2	0	0	0	0	0	3	159
20:00	0	20	5	0	0	0	0	0	0	0	0	0	0	1	26
20:15	0	16	11	0	2	0	0	1	0	0	0	0	0	1	31
20:30	0	18	4	0	0	0	0	1	0	0	0	0	0	0	23
20:45	0	12	0	0	0	0	0	0	0	0	0	0	0	0	12
	0	66	20	0	2	0	0	2	0	0	0	0	0	2	92
21:00	0	14	2	0	0	0	0	0	0	0	0	0	0	1	17
21:15	0	14	1	0	0	0	0	0	0	0	0	0	0	0	15
21:30	0	14	4	0	0	0	0	0	0	0	0	0	0	0	18
21:45	0	17	2	0	0	0	0	0	0	0	0	0	0	0	19
	0	59	9	0	0	0	0	0	0	0	0	0	0	1	69
22:00	0	7	3	0	1	0	0	0	0	0	0	0	0	0	11
22:15	0	13	2	0	0	0	0	0	0	0	0	0	0	0	15
22:30	0	23	2	0	0	0	0	1	0	0	0	0	0	0	26
22:45	0	14	1	0	0	0	0	0	0	0	0	0	0	0	15
	0	57	8	0	1	0	0	1	0	0	0	0	0	0	67
23:00	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
23:15	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
23:30	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
23:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	0	24	1	0	0	0	0	0	0	0	0	0	0	0	25
Total	0	931	253	2	20	0	0	16	0	0	0	0	0	39	1261
Percent	0.0%	73.8%	20.1%	0.2%	1.6%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/14															
00:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
00:45	0	7	0	0	0	0	0	1	0	0	0	0	0	0	8
	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
01:00	0	13	0	0	0	0	0	1	0	0	0	0	0	1	15
01:15	0	3	0	0	1	0	0	0	0	0	0	0	0	1	5
01:30	0	1	1	0	0	0	0	1	0	0	0	0	0	0	3
01:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	7	1	0	1	0	0	1	0	0	0	0	0	1	11
02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30	0	1	0	0	1	0	0	0	0	0	0	0	0	1	3
02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	3	0	0	1	0	0	0	0	0	0	0	0	1	5
03:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
	0	4	1	0	1	0	0	0	0	0	0	0	0	0	6
04:00	0	9	1	1	1	0	0	0	0	0	0	0	0	0	12
04:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
04:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
04:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	0	23	3	0	0	0	0	0	0	0	0	0	0	1	27
05:00	0	36	6	0	0	0	0	0	0	0	0	0	0	1	43
05:15	0	12	4	0	0	0	0	1	0	0	0	0	0	0	17
05:30	0	21	6	1	0	0	0	0	0	0	0	0	0	0	28
05:45	0	35	13	0	1	0	0	0	0	0	0	0	0	3	52
	0	38	12	0	2	0	0	0	0	0	0	0	0	0	52
06:00	0	106	35	1	3	0	0	1	0	0	0	0	0	3	149
06:15	0	27	6	0	1	0	0	1	0	0	0	0	0	0	35
06:30	0	34	10	0	0	0	0	0	0	0	0	0	0	0	44
06:45	0	47	10	0	3	0	0	0	0	0	0	0	0	1	61
	0	67	18	0	1	0	0	0	0	0	0	0	0	1	87
07:00	0	175	44	0	5	0	0	1	0	0	0	0	0	2	227
07:15	0	58	16	1	4	0	0	1	0	0	0	0	0	1	81
07:30	0	73	14	0	2	0	0	0	0	0	0	0	0	0	89
07:45	0	56	23	1	2	0	0	0	0	0	0	0	0	1	83
	0	102	22	0	3	0	0	1	0	0	0	0	0	2	130
08:00	0	289	75	2	11	0	0	2	0	0	0	0	0	4	383
08:15	0	73	26	0	5	0	0	1	0	0	0	0	0	3	108
08:30	0	69	17	2	4	0	0	0	0	0	0	0	0	4	96
08:45	0	79	19	0	2	0	0	4	0	0	0	0	0	2	106
	0	57	18	0	2	0	0	3	0	0	0	0	0	3	83
09:00	0	278	80	2	13	0	0	8	0	0	0	0	0	12	393
09:15	0	47	14	2	1	1	0	4	0	0	0	0	0	2	71
09:30	0	40	20	0	7	0	0	1	0	0	0	0	0	1	69
09:45	0	38	11	0	2	0	0	0	0	0	0	0	0	1	52
	0	40	14	1	0	0	0	2	0	0	0	0	0	1	58
10:00	0	165	59	3	10	1	0	7	0	0	0	0	0	5	250
10:15	0	48	20	2	4	0	0	2	0	0	0	0	0	1	77
10:30	0	36	14	0	2	0	0	1	0	0	0	0	0	0	53
10:45	0	40	18	1	2	0	0	1	0	0	0	0	0	1	63
	0	51	13	1	2	0	0	2	0	0	0	0	0	1	70
11:00	0	175	65	4	10	0	0	6	0	0	0	0	0	3	263
11:15	0	44	17	0	1	0	0	3	0	0	0	0	0	3	68
11:30	0	41	12	1	5	0	0	1	0	0	0	0	0	0	60
11:45	0	34	18	0	2	0	0	0	0	0	0	0	0	3	57
	0	50	14	0	2	0	0	1	0	0	0	0	0	0	67
	0	169	61	1	10	0	0	5	0	0	0	0	0	6	252
Total	0	1425	427	14	65	1	0	32	0	0	0	0	0	39	2003
Percent	0.0%	71.1%	21.3%	0.7%	3.2%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	42	23	0	6	0	0	3	0	0	0	0	0	4	78
12:15	0	40	17	0	7	0	0	1	0	0	0	0	0	3	68
12:30	0	40	18	0	10	0	0	3	0	0	0	0	0	3	74
12:45	0	32	22	0	9	0	0	2	0	0	0	0	0	1	66
	0	154	80	0	32	0	0	9	0	0	0	0	0	11	286
13:00	0	41	23	0	3	0	0	0	0	0	0	0	0	3	70
13:15	0	43	10	0	10	0	0	0	0	0	0	0	0	2	65
13:30	0	36	20	0	8	0	0	1	0	0	0	0	0	5	70
13:45	0	33	23	0	4	0	0	2	0	0	0	0	0	2	64
	0	153	76	0	25	0	0	3	0	0	0	0	0	12	269
14:00	0	47	15	0	5	0	0	1	0	0	0	0	0	4	72
14:15	0	63	12	2	1	0	0	0	0	0	0	0	0	4	82
14:30	0	46	20	0	4	0	0	0	0	0	0	0	0	1	71
14:45	0	44	26	1	5	0	0	1	0	0	0	0	0	1	78
	0	200	73	3	15	0	0	2	0	0	0	0	0	10	303
15:00	0	39	17	1	7	0	0	1	0	0	0	0	0	5	70
15:15	0	35	14	0	3	0	0	1	0	0	0	0	0	1	54
15:30	0	45	20	0	4	0	0	0	0	0	0	0	0	3	72
15:45	0	54	28	1	5	0	0	0	0	0	0	0	0	3	91
	0	173	79	2	19	0	0	2	0	0	0	0	0	12	287
16:00	0	50	23	0	4	0	0	1	0	0	0	0	0	4	82
16:15	0	32	19	0	5	0	0	0	0	0	0	0	0	4	60
16:30	0	47	23	0	2	0	0	1	0	0	0	0	0	2	75
16:45	0	47	18	0	6	0	0	0	0	0	0	0	0	7	78
	0	176	83	0	17	0	0	2	0	0	0	0	0	17	295
17:00	0	61	10	0	2	0	0	1	0	0	0	0	0	4	78
17:15	0	61	20	0	6	0	0	0	0	0	0	0	0	4	91
17:30	0	47	25	0	7	0	0	0	0	0	0	0	0	2	81
17:45	0	48	14	0	5	0	0	1	0	0	0	0	0	5	73
	0	217	69	0	20	0	0	2	0	0	0	0	0	15	323
18:00	0	48	19	0	4	0	0	0	0	0	0	0	0	1	72
18:15	0	54	12	0	4	0	0	0	0	0	0	0	0	4	74
18:30	0	33	13	1	7	0	0	1	0	0	0	0	0	1	56
18:45	0	40	17	0	6	0	0	2	0	0	0	0	0	0	65
	0	175	61	1	21	0	0	3	0	0	0	0	0	6	267
19:00	0	32	10	1	6	0	0	0	0	0	0	0	0	0	49
19:15	0	22	15	0	1	0	0	0	0	0	0	0	0	1	39
19:30	0	25	4	0	5	0	0	0	0	0	0	0	0	1	35
19:45	0	26	12	0	5	0	0	0	0	0	0	0	0	3	46
	0	105	41	1	17	0	0	0	0	0	0	0	0	5	169
20:00	0	29	10	0	1	0	0	0	0	0	0	0	0	0	40
20:15	0	22	8	0	0	0	0	0	0	0	0	0	0	1	31
20:30	0	20	5	0	3	0	0	0	0	0	0	0	0	1	29
20:45	0	21	8	0	2	0	0	0	0	0	0	0	0	0	31
	0	92	31	0	6	0	0	0	0	0	0	0	0	2	131
21:00	0	19	3	0	1	0	0	0	0	0	0	0	0	0	23
21:15	0	9	5	0	1	0	0	0	0	0	0	0	0	2	17
21:30	0	18	3	0	4	0	0	0	0	0	0	0	0	0	25
21:45	0	17	2	0	0	0	0	0	0	0	0	0	0	0	19
	0	63	13	0	6	0	0	0	0	0	0	0	0	2	84
22:00	0	13	1	0	0	0	0	0	0	0	0	0	0	0	14
22:15	0	7	2	0	0	0	0	1	0	0	0	0	0	0	10
22:30	0	17	5	0	2	0	0	0	0	0	0	0	0	0	24
22:45	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
	0	48	8	0	2	0	0	1	0	0	0	0	0	0	59
23:00	0	6	3	0	0	0	0	0	0	0	0	0	0	1	10
23:15	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
23:30	0	14	2	0	0	0	0	0	0	0	0	0	0	0	16
23:45	0	3	2	0	1	0	0	0	0	0	0	0	0	0	6
	0	28	9	0	1	0	0	0	0	0	0	0	0	1	39
Total	0	1584	623	7	181	0	0	24	0	0	0	0	0	93	2512
Percent	0.0%	63.1%	24.8%	0.3%	7.2%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/14															
00:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
00:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
00:45	0	5	0	0	1	0	0	0	0	0	0	0	0	0	6
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	16	2	0	1	0	0	0	0	0	0	0	0	0	19
01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
02:15	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
02:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
02:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	12	1	0	0	0	0	0	0	0	0	0	0	0	13
03:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	2	2	0	1	0	0	0	0	0	0	0	0	0	5
	0	4	2	1	2	0	0	0	0	0	0	0	0	0	9
04:15	0	3	1	0	0	0	0	0	0	0	0	0	0	1	5
04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:45	0	10	1	0	0	0	0	0	0	0	0	0	0	0	11
05:00	0	14	6	0	0	0	0	0	0	0	0	0	0	0	20
	0	29	8	0	0	0	0	0	0	0	0	0	0	1	38
05:15	0	11	1	0	1	0	0	0	0	0	0	0	0	0	13
05:30	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
05:45	0	27	9	0	4	0	0	0	0	0	0	0	0	2	42
06:00	0	39	10	0	3	0	0	0	0	0	0	0	0	0	52
	0	87	24	0	8	0	0	0	0	0	0	0	0	2	121
06:15	0	24	8	1	4	0	0	0	0	0	0	0	0	0	37
06:30	0	29	11	0	4	0	0	0	0	0	0	0	0	0	44
06:45	0	36	5	0	4	0	0	1	0	0	0	0	0	1	47
07:00	0	47	19	0	4	1	0	3	0	0	0	0	0	1	75
	0	136	43	1	16	1	0	4	0	0	0	0	0	2	203
07:15	0	41	13	0	4	0	0	0	0	0	0	0	0	3	61
07:30	0	72	16	2	3	0	0	0	0	0	0	0	0	0	93
07:45	0	74	18	2	8	0	0	0	0	0	0	0	0	3	105
08:00	0	93	25	0	7	0	0	5	0	0	0	0	0	5	135
	0	280	72	4	22	0	0	5	0	0	0	0	0	11	394
08:15	0	79	18	0	2	0	0	2	0	0	0	0	0	1	102
08:30	0	58	24	2	7	0	0	4	0	0	0	0	0	3	98
08:45	0	55	16	1	9	0	0	2	0	0	0	0	0	3	86
09:00	0	37	16	0	8	0	0	1	0	0	0	0	0	3	65
	0	229	74	3	26	0	0	9	0	0	0	0	0	10	351
09:15	0	45	16	0	7	0	0	2	0	0	0	0	0	0	70
09:30	0	44	12	1	1	0	0	1	0	0	0	0	0	2	61
09:45	0	34	23	2	6	0	0	2	0	0	0	0	0	1	68
10:00	0	38	15	1	6	0	0	3	0	0	0	0	0	1	64
	0	161	66	4	20	0	0	8	0	0	0	0	0	4	263
10:15	0	45	18	0	3	0	0	0	0	0	0	0	0	0	66
10:30	0	41	21	0	7	0	0	0	0	0	0	0	0	2	71
10:45	0	40	22	0	5	0	0	4	0	0	0	0	0	2	73
11:00	0	42	15	1	7	0	0	1	0	0	0	0	0	2	68
	0	168	76	1	22	0	0	5	0	0	0	0	0	6	278
11:15	0	37	18	0	2	0	0	2	0	0	0	0	0	0	59
11:30	0	39	15	1	7	0	0	0	0	0	0	0	0	3	65
11:45	0	41	21	0	9	0	0	1	0	0	0	0	0	3	75
	0	48	27	0	11	0	0	0	0	0	0	0	0	0	86
	0	165	81	1	29	0	0	3	0	0	0	0	0	6	285
Total	0	1291	449	15	146	1	0	34	0	0	0	0	0	42	1978
Percent	0.0%	65.3%	22.7%	0.8%	7.4%	0.1%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	52	17	0	5	0	0	0	0	0	0	0	0	3	77
12:15	0	53	23	0	4	0	0	0	0	0	0	0	0	6	86
12:30	0	54	14	1	8	0	0	1	0	0	0	0	0	5	83
12:45	0	39	20	0	8	0	0	3	0	0	0	0	0	1	71
	0	198	74	1	25	0	0	4	0	0	0	0	0	15	317
13:00	0	40	17	1	2	0	0	0	0	0	0	0	0	3	63
13:15	0	47	20	0	3	0	0	1	0	0	0	0	0	2	73
13:30	0	38	14	0	8	0	0	1	0	0	0	0	0	2	63
13:45	0	38	17	0	9	0	0	2	0	0	0	0	0	2	68
	0	163	68	1	22	0	0	4	0	0	0	0	0	9	267
14:00	0	56	22	0	4	0	0	1	0	0	0	0	0	2	85
14:15	0	46	24	0	6	0	0	1	0	0	0	0	0	3	80
14:30	0	44	10	0	6	0	0	2	0	0	0	0	0	4	66
14:45	0	36	19	1	8	0	0	1	0	0	0	0	0	3	68
	0	182	75	1	24	0	0	5	0	0	0	0	0	12	299
15:00	0	38	25	1	8	0	0	3	0	0	0	0	0	2	77
15:15	1	40	20	1	11	0	0	1	0	0	0	0	0	3	77
15:30	0	33	19	1	4	0	0	1	0	0	0	0	0	3	61
15:45	0	48	22	0	10	0	0	2	0	0	0	0	0	3	85
	1	159	86	3	33	0	0	7	0	0	0	0	0	11	300
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	702	303	6	104	0	0	20	0	0	0	0	0	47	1183
Percent	0.1%	59.3%	25.6%	0.5%	8.8%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	4.0%	
Grand Total	1	5933	2055	44	516	2	0	126	0	0	0	0	0	260	8937
Percent	0.0%	66.4%	23.0%	0.5%	5.8%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	142	39	2	3	0	0	3	0	0	0	0	0	3	192
16:15	0	141	44	0	2	0	0	3	0	0	0	0	0	10	200
16:30	0	139	37	1	4	0	0	1	0	0	0	0	0	7	189
16:45	0	121	51	0	5	0	0	4	0	0	0	0	0	13	194
	0	543	171	3	14	0	0	11	0	0	0	0	0	33	775
17:00	0	125	38	0	2	0	0	4	0	0	0	0	0	11	180
17:15	0	163	33	0	4	0	0	3	0	0	0	0	0	4	207
17:30	0	137	30	0	5	0	0	1	0	0	0	0	0	7	180
17:45	0	129	25	0	2	0	0	1	0	0	0	0	0	7	164
	0	554	126	0	13	0	0	9	0	0	0	0	0	29	731
18:00	0	107	29	0	4	0	0	0	0	0	0	0	0	5	145
18:15	0	121	30	0	0	0	0	0	0	0	0	0	0	1	152
18:30	0	85	25	0	2	0	0	1	0	0	0	0	0	4	117
18:45	0	97	26	0	2	0	0	2	0	0	0	0	0	5	132
	0	410	110	0	8	0	0	3	0	0	0	0	0	15	546
19:00	0	90	24	0	3	0	0	0	0	0	0	0	0	1	118
19:15	0	61	31	0	5	0	0	1	0	0	0	0	0	2	100
19:30	0	63	19	0	1	0	0	1	0	0	0	0	0	2	86
19:45	0	68	14	1	1	0	0	1	0	0	0	0	0	1	86
	0	282	88	1	10	0	0	3	0	0	0	0	0	6	390
20:00	0	57	14	0	0	0	0	0	0	0	0	0	0	4	75
20:15	0	47	20	0	3	0	0	1	0	0	0	0	0	1	72
20:30	0	42	14	0	0	0	0	1	0	0	0	0	0	0	57
20:45	0	33	2	0	0	0	0	1	0	0	0	0	0	0	36
	0	179	50	0	3	0	0	3	0	0	0	0	0	5	240
21:00	0	35	9	0	1	0	0	1	0	0	0	0	0	1	47
21:15	0	34	3	0	0	0	0	2	0	0	0	0	0	0	39
21:30	0	30	10	0	1	0	0	0	0	0	0	0	0	0	41
21:45	0	28	6	0	0	0	0	0	0	0	0	0	0	1	35
	0	127	28	0	2	0	0	3	0	0	0	0	0	2	162
22:00	0	22	5	0	2	0	0	0	0	0	0	0	0	1	30
22:15	0	28	4	0	0	0	0	0	0	0	0	0	0	0	32
22:30	0	33	6	0	0	0	0	1	0	0	0	0	0	0	40
22:45	0	28	2	0	0	0	0	0	0	0	0	0	0	0	30
	0	111	17	0	2	0	0	1	0	0	0	0	0	1	132
23:00	0	38	5	0	0	0	0	0	0	0	0	0	0	0	43
23:15	0	22	1	0	0	0	0	1	0	0	0	0	0	0	24
23:30	0	16	0	0	0	0	0	1	0	0	0	0	0	0	17
23:45	0	12	1	0	0	0	0	0	0	0	0	0	0	0	13
	0	88	7	0	0	0	0	2	0	0	0	0	0	0	97
Total	0	2294	597	4	52	0	0	35	0	0	0	0	0	91	3073
Percent	0.0%	74.7%	19.4%	0.1%	1.7%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/1															
4	0	7	2	0	0	0	0	0	0	0	0	0	0	1	10
00:15	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
00:30	0	12	2	0	0	0	0	1	0	0	0	0	0	0	15
00:45	0	2	1	0	0	0	0	0	0	0	0	0	0	1	4
	0	29	6	0	0	0	0	1	0	0	0	0	0	2	38
01:00	0	5	1	0	1	0	0	0	0	0	0	0	0	1	8
01:15	0	6	3	0	0	0	0	1	0	0	0	0	0	0	10
01:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	16	4	0	1	0	0	1	0	0	0	0	0	1	23
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:15	0	3	1	0	1	0	0	1	0	0	0	0	0	1	7
02:30	0	5	1	1	0	0	0	0	0	0	0	0	0	0	7
02:45	0	3	5	0	0	0	0	1	0	0	0	0	0	0	9
	0	12	7	1	1	0	0	2	0	0	0	0	0	1	24
03:00	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
03:15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
03:30	0	6	2	1	1	0	0	0	0	0	0	0	0	0	10
03:45	0	4	2	0	1	0	0	0	0	0	0	0	0	0	7
	0	19	10	1	2	0	0	0	0	0	0	0	0	0	32
04:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
04:15	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
04:30	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
04:45	0	25	3	0	0	0	0	0	0	0	0	0	0	1	29
	0	43	8	0	0	0	0	0	0	0	0	0	0	1	52
05:00	0	15	6	0	0	0	0	1	0	0	0	0	0	0	22
05:15	0	28	8	1	0	0	0	0	0	0	0	0	0	0	37
05:30	0	41	14	0	1	0	0	1	0	0	0	0	0	3	60
05:45	0	45	12	0	2	0	0	0	0	0	0	0	0	0	59
	0	129	40	1	3	0	0	2	0	0	0	0	0	3	178
06:00	0	39	12	1	2	0	0	1	0	0	0	0	0	0	55
06:15	0	46	13	0	1	0	0	1	0	0	0	0	0	1	62
06:30	0	64	15	0	6	0	0	1	0	0	0	0	0	3	89
06:45	0	88	20	0	1	0	0	2	0	0	0	0	0	3	114
	0	237	60	1	10	0	0	5	0	0	0	0	0	7	320
07:00	0	108	29	3	6	0	0	4	0	0	0	0	0	1	151
07:15	0	104	24	1	4	0	0	5	0	0	0	0	0	1	139
07:30	0	86	31	2	5	0	0	3	0	0	0	0	0	2	129
07:45	0	138	36	1	4	0	0	1	0	0	0	0	0	5	185
	0	436	120	7	19	0	0	13	0	0	0	0	0	9	604
08:00	0	119	37	0	7	0	0	3	0	0	0	0	0	4	170
08:15	0	112	36	2	6	0	0	0	0	0	0	0	0	6	162
08:30	0	103	33	1	6	0	0	4	0	0	0	0	0	2	149
08:45	0	86	35	2	2	0	0	3	0	0	0	0	0	4	132
	0	420	141	5	21	0	0	10	0	0	0	0	0	16	613
09:00	0	74	26	2	1	1	0	5	0	0	0	0	0	6	115
09:15	0	71	33	1	10	0	0	4	0	0	0	0	0	2	121
09:30	0	74	22	2	7	0	0	2	0	0	0	0	0	2	109
09:45	0	69	24	1	2	0	0	2	0	0	0	0	0	3	101
	0	288	105	6	20	1	0	13	0	0	0	0	0	13	446
10:00	0	78	30	3	5	0	0	4	0	0	0	0	0	5	125
10:15	0	66	33	1	4	0	0	2	0	0	0	0	0	0	106
10:30	0	60	36	1	7	0	0	2	0	0	0	0	0	1	107
10:45	0	79	16	2	5	0	0	5	0	0	0	0	0	4	111
	0	283	115	7	21	0	0	13	0	0	0	0	0	10	449
11:00	0	92	31	0	3	0	0	4	0	0	0	0	0	5	135
11:15	0	80	27	1	9	0	0	2	0	0	0	0	0	0	119
11:30	0	70	33	2	4	0	0	0	0	0	0	0	0	4	113
11:45	0	85	27	0	5	0	0	1	0	0	0	0	0	3	121
	0	327	118	3	21	0	0	7	0	0	0	0	0	12	488
Total	0	2239	734	32	119	1	0	67	0	0	0	0	0	75	3267
Percent	0.0%	68.5%	22.5%	1.0%	3.6%	0.0%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	99	37	1	8	0	0	3	0	0	0	0	0	10	158
12:15	0	98	32	0	10	0	0	2	0	0	0	0	0	5	147
12:30	0	87	35	1	13	0	0	3	0	0	0	0	0	4	143
12:45	0	73	39	0	12	0	0	2	0	0	0	0	0	5	131
	0	357	143	2	43	0	0	10	0	0	0	0	0	24	579
13:00	0	75	39	0	4	0	0	1	0	0	0	0	0	5	124
13:15	0	93	31	2	13	0	0	0	0	0	0	0	0	5	144
13:30	0	88	37	1	10	0	0	3	0	0	0	0	0	6	145
13:45	0	95	36	0	6	0	0	3	0	0	0	0	0	3	143
	0	351	143	3	33	0	0	7	0	0	0	0	0	19	556
14:00	0	96	34	0	8	0	0	2	0	0	0	0	0	6	146
14:15	0	103	28	2	5	0	0	0	0	0	0	0	0	6	144
14:30	0	99	29	0	5	0	0	0	0	0	0	0	0	2	135
14:45	0	110	42	1	6	0	0	4	0	0	0	0	0	7	170
	0	408	133	3	24	0	0	6	0	0	0	0	0	21	595
15:00	0	97	39	3	15	0	0	3	0	0	0	0	0	8	165
15:15	0	104	33	0	4	0	0	2	0	0	0	0	0	3	146
15:30	0	105	39	5	9	0	0	0	0	0	0	0	0	12	170
15:45	0	135	60	1	7	0	0	2	0	0	0	0	0	4	209
	0	441	171	9	35	0	0	7	0	0	0	0	0	27	690
16:00	0	117	48	1	6	0	0	2	0	0	0	0	0	8	182
16:15	0	123	43	0	6	0	0	2	0	0	0	0	0	7	181
16:30	0	124	43	1	8	0	0	2	0	0	0	0	0	4	182
16:45	0	138	41	0	11	0	0	1	0	0	0	0	0	9	200
	0	502	175	2	31	0	0	7	0	0	0	0	0	28	745
17:00	0	154	38	1	5	0	0	3	0	0	0	0	0	10	211
17:15	0	166	50	0	8	0	0	1	0	0	0	0	0	8	233
17:30	0	148	46	0	7	0	0	1	0	0	0	0	0	4	206
17:45	0	121	38	0	7	0	0	1	0	0	0	0	0	6	173
	0	589	172	1	27	0	0	6	0	0	0	0	0	28	823
18:00	0	117	34	0	7	0	0	0	0	0	0	0	0	2	160
18:15	0	136	30	0	5	0	0	1	0	0	0	0	0	8	180
18:30	0	108	32	1	9	0	0	1	0	0	0	0	0	2	153
18:45	0	83	32	0	7	0	0	2	1	0	0	0	0	0	125
	0	444	128	1	28	0	0	4	1	0	0	0	0	12	618
19:00	0	80	24	2	9	0	0	1	0	0	0	0	0	4	120
19:15	0	59	30	0	6	0	0	0	0	0	0	0	0	2	97
19:30	0	77	14	0	6	0	0	0	0	0	0	0	0	5	102
19:45	0	61	20	0	6	0	0	0	0	0	0	0	0	3	90
	0	277	88	2	27	0	0	1	0	0	0	0	0	14	409
20:00	0	58	19	0	1	0	0	0	0	0	0	0	0	0	78
20:15	0	60	13	0	0	0	0	0	0	0	0	0	0	2	75
20:30	0	50	13	0	5	0	0	0	0	0	0	0	0	2	70
20:45	0	52	16	0	3	0	0	0	0	0	0	0	0	0	71
	0	220	61	0	9	0	0	0	0	0	0	0	0	4	294
21:00	0	50	7	0	3	0	0	1	0	0	0	0	0	0	61
21:15	0	35	13	0	1	0	0	1	0	0	0	0	0	2	52
21:30	0	46	3	0	4	0	0	0	0	0	0	0	0	2	55
21:45	0	32	5	0	0	0	0	0	0	0	0	0	0	0	37
	0	163	28	0	8	0	0	2	0	0	0	0	0	4	205
22:00	0	27	2	0	1	0	0	0	0	0	0	0	0	0	30
22:15	0	21	3	0	1	0	0	1	0	0	0	0	0	0	26
22:30	0	24	8	0	2	0	0	0	0	0	0	0	0	0	34
22:45	0	21	3	0	0	0	0	0	0	0	0	0	0	0	24
	0	93	16	0	4	0	0	1	0	0	0	0	0	0	114
23:00	0	52	5	0	0	0	0	0	0	0	0	0	0	1	58
23:15	0	23	3	0	0	0	0	0	0	0	0	0	0	0	26
23:30	0	33	3	0	0	0	0	1	0	0	0	0	0	0	37
23:45	0	20	3	0	1	0	0	0	0	0	0	0	0	0	24
	0	128	14	0	1	0	0	1	0	0	0	0	0	1	145
Total	0	3973	1272	23	270	0	0	52	1	0	0	0	0	182	5773
Percent	0.0%	68.8%	22.0%	0.4%	4.7%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	3.2%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/14															
00:15	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
00:30	0	18	3	0	0	0	0	0	0	0	0	0	0	0	21
00:45	0	10	2	0	1	0	0	0	0	0	0	0	0	0	13
	0	6	3	1	0	0	0	0	0	0	0	0	0	0	10
01:00	0	45	8	1	1	0	0	0	0	0	0	0	0	0	55
01:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
01:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3
02:00	0	10	0	0	0	0	0	0	0	0	0	0	0	1	11
02:15	0	8	0	0	0	0	0	0	0	0	0	0	0	1	9
02:30	0	11	3	0	0	0	0	0	0	0	0	0	0	0	14
02:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	25	6	0	0	0	0	0	0	0	0	0	0	1	32
03:15	0	2	5	0	1	0	0	1	0	0	0	0	0	0	9
03:30	0	4	1	1	0	0	0	0	0	0	0	0	0	0	6
03:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	0	3	4	0	1	0	0	0	0	0	0	0	0	0	8
04:00	0	13	10	1	2	0	0	1	0	0	0	0	0	0	27
04:15	0	4	1	0	0	0	0	1	0	0	0	0	0	2	8
04:30	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
04:45	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
	0	14	6	0	0	0	0	1	0	0	0	0	0	0	21
05:00	0	35	11	0	0	0	0	2	0	0	0	0	0	2	50
05:15	0	14	2	0	1	0	0	1	0	0	0	0	0	0	18
05:30	0	17	6	1	0	0	0	0	0	0	0	0	0	1	25
05:45	0	32	10	0	4	0	0	0	0	0	0	0	0	2	48
	0	45	11	0	3	0	0	0	0	0	0	0	0	0	59
06:00	0	108	29	1	8	0	0	1	0	0	0	0	0	3	150
06:15	0	37	15	2	5	0	0	0	0	0	0	0	0	1	60
06:30	0	45	14	0	5	0	0	1	0	0	0	0	0	1	66
06:45	0	57	12	0	5	0	0	2	0	0	0	0	0	2	78
	0	68	26	2	4	1	0	4	0	0	0	0	0	3	108
07:00	0	207	67	4	19	1	0	7	0	0	0	0	0	7	312
07:15	0	70	20	2	5	0	0	3	0	0	0	0	0	7	107
07:30	0	101	24	3	5	0	0	7	0	0	0	0	0	0	140
07:45	0	97	24	4	9	0	0	1	0	0	0	0	0	5	140
	0	129	33	2	7	0	0	5	0	0	0	0	0	9	185
08:00	0	397	101	11	26	0	0	16	0	0	0	0	0	21	572
08:15	0	109	38	0	4	0	0	2	0	0	0	0	0	7	160
08:30	0	111	41	2	9	0	0	4	0	0	0	0	0	8	175
08:45	0	85	29	1	12	0	0	3	0	0	0	0	0	6	136
	0	68	22	0	12	0	0	1	0	0	0	0	0	5	108
09:00	0	373	130	3	37	0	0	10	0	0	0	0	0	26	579
09:15	0	68	25	2	8	0	0	4	0	0	0	0	0	0	107
09:30	0	73	19	1	3	0	0	4	0	0	0	0	0	4	104
09:45	0	71	45	2	12	0	0	3	0	0	0	0	0	1	134
	0	74	24	2	8	0	0	4	0	0	0	0	0	3	115
10:00	0	286	113	7	31	0	0	15	0	0	0	0	0	8	460
10:15	0	65	31	0	5	0	0	3	0	0	0	0	0	0	104
10:30	0	78	26	0	10	0	0	2	0	0	0	0	0	4	120
10:45	0	74	34	1	6	0	0	4	0	0	0	0	0	2	121
	0	75	35	2	11	0	0	2	0	0	0	0	0	2	127
11:00	0	292	126	3	32	0	0	11	0	0	0	0	0	8	472
11:15	1	84	30	0	5	0	0	3	0	0	1	0	0	2	126
11:30	0	83	30	3	8	0	0	2	0	0	0	0	0	6	132
11:45	0	67	32	0	11	0	0	5	0	0	0	0	0	5	120
	0	93	39	0	18	0	0	0	0	0	0	0	0	2	152
	1	327	131	3	42	0	0	10	0	0	1	0	0	15	530
Total	1	2118	732	34	198	1	0	73	0	0	1	0	0	92	3250
Percent	0.0%	65.2%	22.5%	1.0%	6.1%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	103	30	1	8	0	0	1	0	0	0	0	0	4	147
12:15	0	100	41	0	7	0	0	3	0	0	0	0	0	7	158
12:30	0	115	38	1	10	0	0	1	0	0	0	0	0	7	172
12:45	0	85	37	1	12	0	0	4	0	0	0	0	0	2	141
	0	403	146	3	37	0	0	9	0	0	0	0	0	20	618
13:00	0	90	41	3	4	0	0	2	0	0	0	0	0	4	144
13:15	0	104	38	0	4	0	0	4	0	0	0	0	0	4	154
13:30	0	87	32	0	9	0	0	3	0	0	0	0	0	4	135
13:45	0	91	40	0	15	0	0	3	0	0	0	0	0	5	154
	0	372	151	3	32	0	0	12	0	0	0	0	0	17	587
14:00	0	111	33	0	7	0	0	3	0	0	0	0	0	6	160
14:15	0	97	37	0	10	0	0	1	0	0	0	0	0	6	151
14:30	0	104	27	2	8	0	0	2	0	0	0	0	0	5	148
14:45	0	102	38	1	10	0	0	1	0	0	0	0	0	5	157
	0	414	135	3	35	0	0	7	0	0	0	0	0	22	616
15:00	0	104	42	2	11	0	0	3	0	0	0	0	0	4	166
15:15	1	104	42	1	14	0	0	4	0	0	0	0	0	5	171
15:30	0	83	45	4	7	0	0	3	0	0	0	0	0	6	148
15:45	0	117	45	1	14	0	0	3	0	0	0	0	0	9	189
	1	408	174	8	46	0	0	13	0	0	0	0	0	24	674
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1597	606	17	150	0	0	41	0	0	0	0	0	83	2495
Percent	0.0%	64.0%	24.3%	0.7%	6.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	
Grand Total	2	12221	3941	110	789	2	0	268	1	0	1	0	0	523	17858
Percent	0.0%	68.4%	22.1%	0.6%	4.4%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	11	7	0	1	0	0	2	0	0	0	0	0	0	21
16:15	0	13	1	1	2	0	0	0	0	0	0	0	0	0	17
16:30	0	10	6	0	0	0	0	0	0	0	0	0	0	0	16
16:45	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	0	41	18	1	3	0	0	2	0	0	0	0	0	0	65
17:00	0	19	4	0	1	0	0	1	0	0	0	0	0	0	25
17:15	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
17:30	0	16	3	0	0	0	0	0	0	0	0	0	0	2	21
17:45	0	7	4	0	0	0	0	0	1	0	0	0	0	0	12
	0	52	13	0	1	0	0	1	1	0	0	0	0	2	70
18:00	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
18:15	0	14	5	0	2	0	0	0	0	0	0	0	0	0	21
18:30	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
18:45	0	8	3	0	1	0	0	1	0	0	0	0	0	0	13
	0	41	13	0	3	0	0	1	0	0	0	0	0	0	58
19:00	0	8	1	0	1	0	0	0	0	0	0	0	0	0	10
19:15	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
19:30	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
19:45	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	0	25	10	0	1	0	0	0	0	0	0	0	0	0	36
20:00	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
20:15	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	0	18	3	0	0	0	0	0	0	0	0	0	0	0	21
21:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
21:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
21:30	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
21:45	0	6	0	0	0	0	0	0	1	0	0	0	0	0	7
	0	22	2	0	0	0	0	0	1	0	0	0	0	0	25
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
22:15	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
22:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22:45	0	1	1	0	0	0	0	1	0	0	0	0	0	0	3
	0	8	2	0	0	0	0	1	1	0	0	0	0	0	12
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
Total	0	211	64	1	8	0	0	5	3	0	0	0	0	2	294
Percent	0.0%	71.8%	21.8%	0.3%	2.7%	0.0%	0.0%	1.7%	1.0%	0.0%	0.0%	0.0%	0.0%	0.7%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/14															
00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
00:30	0	2	0	0	0	0	0	0	2	0	0	0	0	0	4
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	5	0	0	0	0	0	0	2	0	0	0	0	0	7
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:15	0	2	0	0	0	1	0	0	0	0	0	0	0	0	2
04:30	0	4	1	0	0	0	0	1	0	0	0	0	0	0	3
04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
	0	9	1	0	0	1	0	1	0	0	0	0	0	0	1
05:00	0	1	1	0	0	0	0	1	0	0	0	0	0	0	12
05:15	0	1	0	0	2	0	0	0	0	0	0	0	0	0	3
05:30	0	3	3	0	0	0	0	1	0	0	0	0	0	0	3
05:45	0	5	3	0	0	0	0	0	0	0	0	0	0	0	7
	0	10	7	0	2	0	0	2	0	0	0	0	0	0	8
06:00	0	8	2	0	1	0	0	1	0	0	0	0	0	0	21
06:15	0	9	3	0	1	0	0	0	0	0	0	0	0	0	12
06:30	0	11	3	1	2	0	0	2	0	0	0	0	0	0	13
06:45	0	13	0	1	0	0	0	0	0	0	0	0	0	0	19
	0	41	8	2	4	0	0	3	0	0	0	0	0	0	14
07:00	0	17	8	0	1	0	0	0	0	0	0	0	0	0	58
07:15	0	14	5	0	4	0	0	0	0	0	0	0	0	0	26
07:30	0	16	5	0	2	0	0	0	0	0	0	0	0	1	24
07:45	0	19	7	0	0	0	0	1	0	0	0	0	0	0	23
	0	66	25	0	7	0	0	1	0	0	0	0	0	1	28
08:00	0	16	11	0	2	0	0	3	0	0	0	0	0	2	101
08:15	0	15	2	1	0	0	0	0	0	0	0	0	0	0	32
08:30	0	8	6	0	0	0	0	1	0	0	0	0	0	0	18
08:45	0	7	4	0	0	0	0	2	0	0	0	0	0	0	15
	0	46	23	1	2	0	0	6	0	0	0	0	0	0	13
09:00	0	10	2	0	0	0	0	0	0	0	0	0	0	0	78
09:15	0	14	4	4	4	0	0	1	1	0	0	0	0	0	12
09:30	0	7	4	0	0	0	0	1	0	0	0	0	0	0	28
09:45	0	9	5	0	1	0	0	0	0	0	0	0	0	0	12
	0	40	15	4	5	0	0	2	1	0	0	0	0	0	15
10:00	0	6	2	0	3	0	0	1	0	0	0	0	0	0	67
10:15	0	8	4	0	1	0	0	3	0	0	0	0	0	0	12
10:30	0	9	6	0	0	0	0	2	0	0	0	0	0	0	16
10:45	0	6	2	0	0	0	0	2	0	0	0	0	0	0	17
	0	29	14	0	4	0	0	8	0	0	0	0	0	0	10
11:00	0	17	4	1	2	0	0	3	0	0	0	0	0	0	55
11:15	0	12	8	0	1	0	0	0	0	0	0	0	0	0	27
11:30	0	14	6	0	0	0	0	1	0	0	0	0	0	0	21
11:45	0	8	4	0	0	0	0	2	0	0	0	0	0	0	21
	0	51	22	1	3	0	0	6	0	0	0	0	0	0	14
Total	0	300	116	8	28	1	0	30	3	0	0	0	0	2	83
Percent	0.0%	61.5%	23.8%	1.6%	5.7%	0.2%	0.0%	6.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.4%	488

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	7	4	1	0	0	0	2	0	0	0	0	0	0	14
12:15	0	15	2	0	2	0	0	0	0	0	0	0	0	0	19
12:30	0	9	6	0	0	0	0	1	0	0	0	0	0	0	16
12:45	0	8	2	1	3	0	0	0	0	0	0	0	0	3	17
	0	39	14	2	5	0	0	3	0	0	0	0	0	3	66
13:00	0	3	3	0	3	0	0	1	0	0	0	0	0	0	10
13:15	0	10	4	0	0	0	0	1	0	0	0	0	0	0	15
13:30	0	8	2	0	2	0	0	0	0	0	0	0	0	1	13
13:45	0	7	4	2	0	0	0	1	0	0	0	0	0	0	14
	0	28	13	2	5	0	0	3	0	0	0	0	0	1	52
14:00	0	17	4	0	2	0	0	0	0	0	0	0	0	0	23
14:15	0	8	1	1	0	0	0	1	0	0	0	0	0	0	11
14:30	0	9	3	0	2	0	0	0	0	0	0	0	0	1	15
14:45	0	8	3	0	0	0	0	4	0	0	0	0	0	0	15
	0	42	11	1	4	0	0	5	0	0	0	0	0	1	64
15:00	0	9	6	1	4	0	0	1	0	0	0	0	0	2	23
15:15	0	16	1	0	0	0	0	0	0	0	0	0	0	0	17
15:30	0	22	3	1	0	0	0	1	0	0	0	0	0	2	29
15:45	1	22	11	1	0	0	0	0	0	0	0	0	0	0	35
	1	69	21	3	4	0	0	2	0	0	0	0	0	4	104
16:00	0	11	8	0	1	0	0	0	0	0	0	0	0	1	21
16:15	0	21	1	1	1	0	0	0	0	0	0	0	0	0	24
16:30	0	14	5	0	1	0	0	0	0	0	0	0	0	0	20
16:45	0	8	6	0	0	0	0	1	0	0	0	0	0	1	16
	0	54	20	1	3	0	0	1	0	0	0	0	0	2	81
17:00	0	11	3	0	1	0	0	1	0	0	0	0	0	0	16
17:15	0	17	4	0	3	0	0	1	0	0	0	0	0	0	25
17:30	0	11	8	0	0	0	0	1	0	0	0	0	0	0	20
17:45	0	5	2	0	0	0	0	2	0	0	0	0	0	0	9
	0	44	17	0	4	0	0	5	0	0	0	0	0	0	70
18:00	0	11	2	0	0	0	0	0	0	0	0	0	0	1	14
18:15	0	12	2	0	1	0	0	0	0	0	0	0	0	0	15
18:30	0	11	2	0	1	0	0	0	0	0	0	0	0	0	14
18:45	0	8	2	1	1	0	0	0	0	0	0	0	0	0	12
	0	42	8	1	3	0	0	0	0	0	0	0	0	1	55
19:00	0	4	3	0	1	0	0	0	0	0	0	0	0	0	8
19:15	0	3	1	0	0	0	0	2	0	0	0	0	0	0	6
19:30	0	9	3	0	0	0	0	1	1	0	0	0	0	0	14
19:45	0	5	4	0	0	0	0	1	0	0	0	0	0	0	10
	0	21	11	0	1	0	0	4	1	0	0	0	0	0	38
20:00	0	6	4	0	0	0	0	1	0	0	0	0	0	0	11
20:15	0	2	2	0	0	0	0	1	0	0	0	0	0	0	5
20:30	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
20:45	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
	0	24	6	0	0	0	0	2	0	0	0	0	0	0	32
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	1	5
21:15	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
21:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	13	3	0	0	0	0	0	0	0	0	0	0	1	17
22:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
22:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
22:45	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	0	11	4	0	0	0	0	0	0	0	0	0	0	0	15
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
Total	1	389	129	10	29	0	0	25	1	0	0	0	0	13	597
Percent	0.2%	65.2%	21.6%	1.7%	4.9%	0.0%	0.0%	4.2%	0.2%	0.0%	0.0%	0.0%	0.0%	2.2%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/14															
00:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
00:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
04:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
04:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
05:15	0	8	2	0	1	0	0	0	0	0	0	0	0	0	11
05:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
06:15	0	6	1	0	1	0	0	0	0	0	0	0	0	0	8
06:30	0	11	4	0	1	0	0	0	0	0	0	0	0	0	16
06:45	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
07:00	0	10	4	0	4	0	0	1	0	0	0	0	0	0	19
07:15	0	12	3	1	2	0	0	0	0	0	0	0	0	0	18
07:30	0	9	2	0	1	0	0	1	0	0	0	0	0	0	13
07:45	0	38	12	1	7	0	0	2	0	0	0	0	0	0	60
08:00	0	23	5	0	3	0	0	2	0	0	0	0	0	0	33
08:15	0	14	8	0	3	0	0	0	0	0	0	0	0	0	25
08:30	0	14	4	0	3	0	0	2	0	0	0	0	0	0	23
08:45	0	25	1	1	2	0	0	2	0	0	0	0	0	1	32
09:00	0	76	18	1	11	0	0	6	0	0	0	0	0	1	113
09:15	0	15	8	0	1	0	0	1	0	0	0	0	0	0	25
09:30	0	20	2	0	0	0	0	3	0	0	0	0	0	0	25
09:45	0	10	3	1	1	0	0	2	0	0	0	0	0	1	18
10:00	0	11	4	0	0	0	0	1	0	0	0	0	0	0	18
10:15	1	57	17	1	2	0	0	7	0	0	0	0	0	1	86
10:30	0	10	1	0	2	0	0	0	0	0	0	0	0	1	14
10:45	0	5	6	0	1	0	0	2	0	0	0	0	0	0	14
11:00	0	11	3	1	1	0	0	2	0	0	0	0	0	0	18
11:15	0	15	2	0	0	0	0	1	0	0	0	0	0	0	18
11:30	0	41	12	1	4	0	0	5	0	0	0	0	0	1	64
11:45	0	10	3	0	0	0	0	1	0	0	0	0	0	0	14
	0	8	4	0	0	0	0	3	0	0	0	0	0	0	15
	0	11	2	0	0	0	0	0	0	0	0	0	0	0	13
	0	10	2	0	0	0	0	1	0	0	0	0	0	1	14
	0	39	11	0	0	0	0	5	0	0	0	0	0	1	56
	0	8	2	0	0	0	0	1	0	0	0	0	0	0	11
	0	11	5	1	1	0	0	2	0	0	0	0	0	0	20
	0	8	5	0	1	0	0	2	0	0	0	0	0	0	16
	0	13	2	0	1	0	0	0	0	0	0	0	0	0	16
	0	40	14	1	3	0	0	5	0	0	0	0	0	0	63
Total	1	318	91	5	29	0	0	32	0	0	0	0	0	4	480
Percent	0.2%	66.3%	19.0%	1.0%	6.0%	0.0%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	11	4	0	0	0	0	2	0	0	0	0	0	0	17
12:15	0	13	6	1	0	1	0	1	0	0	0	0	0	0	22
12:30	0	11	2	0	0	0	0	4	1	0	0	0	0	0	18
12:45	0	18	3	0	3	0	0	1	0	0	0	0	0	0	25
	0	53	15	1	3	1	0	8	1	0	0	0	0	0	82
13:00	0	17	6	3	0	0	0	1	0	0	0	0	0	0	27
13:15	0	9	2	0	0	0	0	2	0	0	0	0	0	0	13
13:30	0	9	3	1	0	0	0	1	0	0	0	0	0	0	14
13:45	0	12	2	0	0	0	0	1	0	0	0	0	0	1	16
	0	47	13	4	0	0	0	5	0	0	0	0	0	1	70
14:00	0	13	1	0	0	0	0	0	0	0	0	0	0	0	14
14:15	0	10	7	0	1	0	0	1	0	0	0	0	0	0	19
14:30	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
14:45	0	11	6	0	1	0	0	1	0	0	0	0	0	0	19
	0	43	18	0	2	0	0	2	0	0	0	0	0	0	65
15:00	0	8	6	0	1	0	0	1	0	0	0	0	0	2	18
15:15	0	16	3	0	1	0	0	0	0	0	0	0	0	1	21
15:30	0	20	6	2	2	0	0	1	0	0	0	0	0	0	31
15:45	0	26	3	0	1	0	0	1	0	0	0	0	0	0	31
	0	70	18	2	5	0	0	3	0	0	0	0	0	3	101
16:00	0	16	3	0	1	0	0	0	0	0	0	0	0	1	21
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	229	67	7	11	1	0	18	1	0	0	0	0	5	339
Percent	0.0%	67.6%	19.8%	2.1%	3.2%	0.3%	0.0%	5.3%	0.3%	0.0%	0.0%	0.0%	0.0%	1.5%	
Grand Total	2	1447	467	31	105	2	0	110	8	0	0	0	0	26	2198
Percent	0.1%	65.8%	21.2%	1.4%	4.8%	0.1%	0.0%	5.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.2%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	14	9	0	2	0	0	1	1	0	0	0	0	0	27
16:15	0	16	5	1	0	0	0	1	0	0	0	0	0	1	24
16:30	0	16	6	0	1	0	0	0	1	0	0	0	0	1	25
16:45	0	20	4	0	3	0	0	0	0	0	0	0	0	1	28
	0	66	24	1	6	0	0	2	2	0	0	0	0	3	104
17:00	1	25	6	1	0	0	0	3	0	0	0	0	0	0	36
17:15	1	24	5	0	3	0	0	0	0	0	0	0	0	0	33
17:30	0	17	10	0	4	0	0	0	1	0	0	0	0	1	33
17:45	0	21	3	0	0	0	0	0	0	0	0	0	0	0	24
	2	87	24	1	7	0	0	3	1	0	0	0	0	1	126
18:00	0	14	6	0	1	0	0	0	0	0	0	0	0	0	21
18:15	0	13	4	0	1	0	0	1	1	0	0	0	0	1	21
18:30	0	6	5	0	0	0	0	1	0	0	0	0	0	0	12
18:45	0	14	3	1	0	0	0	1	0	0	0	0	0	0	19
	0	47	18	1	2	0	0	3	1	0	0	0	0	1	73
19:00	0	10	3	0	1	0	0	0	0	0	0	0	0	0	14
19:15	0	15	1	0	0	0	0	0	0	0	0	0	0	0	16
19:30	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
19:45	0	12	1	0	1	0	0	0	0	0	0	0	0	0	14
	0	45	9	0	2	0	0	0	0	0	0	0	0	0	56
20:00	0	7	3	0	2	0	0	0	0	0	0	0	0	0	12
20:15	0	5	3	0	1	0	0	0	0	0	0	0	0	0	9
20:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
20:45	0	9	2	0	0	0	0	1	1	0	0	0	0	0	13
	0	27	9	0	3	0	0	1	1	0	0	0	0	0	41
21:00	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
21:15	0	5	0	0	0	0	0	0	1	0	0	0	0	0	6
21:30	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
21:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	0	21	6	0	0	0	0	0	1	0	0	0	0	0	28
22:00	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
22:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
22:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
22:45	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	0	12	7	0	1	0	0	0	0	0	0	0	0	0	20
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:15	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
Total	2	313	100	3	21	0	0	9	6	0	0	0	0	5	459
Percent	0.4%	68.2%	21.8%	0.7%	4.6%	0.0%	0.0%	2.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.1%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/14															
00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
00:45	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
01:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3
06:15	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
06:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:45	0	7	0	1	0	0	0	0	1	0	0	0	0	1	10
	0	5	0	0	0	0	0	1	1	0	0	0	0	0	7
07:00	0	15	1	1	0	0	0	1	3	0	0	0	0	1	22
07:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
07:30	0	6	3	0	1	0	0	1	0	0	0	0	0	0	11
07:45	0	7	5	1	0	0	0	0	0	0	0	0	0	1	14
	0	12	8	0	1	0	0	2	0	0	0	0	0	0	23
08:00	0	29	17	1	2	0	0	3	0	0	0	0	0	1	53
08:15	0	13	2	0	1	0	0	0	0	0	0	0	0	0	16
08:30	0	25	11	1	2	0	0	1	0	0	0	0	0	1	41
08:45	0	9	7	0	1	0	0	0	1	0	0	0	0	2	20
	0	10	1	1	2	0	0	0	0	0	0	0	0	0	14
09:00	0	57	21	2	6	0	0	1	1	0	0	0	0	3	91
09:15	0	8	6	0	1	1	0	1	1	0	0	0	0	0	18
09:30	0	10	3	0	3	0	0	2	0	0	0	0	0	1	19
09:45	0	7	7	1	0	0	0	0	0	0	0	0	0	0	15
	0	12	1	0	4	0	0	0	0	0	0	0	0	0	17
10:00	0	37	17	1	8	1	0	3	1	0	0	0	0	1	69
10:15	0	10	4	0	1	0	0	1	0	0	0	0	0	0	16
10:30	0	6	3	0	2	0	0	1	2	0	0	0	0	0	14
10:45	0	9	2	0	2	0	0	3	0	0	0	0	0	0	16
	0	17	3	0	2	0	0	0	0	0	0	0	0	0	22
11:00	0	42	12	0	7	0	0	5	2	0	0	0	0	0	68
11:15	0	10	4	0	2	0	0	1	1	0	0	0	0	1	19
11:30	0	6	4	0	2	0	0	0	1	0	0	0	0	1	14
11:45	0	10	7	0	1	0	0	1	0	0	0	0	0	0	19
	0	7	4	0	1	0	0	0	1	0	0	0	0	1	14
	0	33	19	0	6	0	0	2	3	0	0	0	0	3	66
Total	0	227	92	5	29	1	0	15	10	0	0	0	0	10	389
Percent	0.0%	58.4%	23.7%	1.3%	7.5%	0.3%	0.0%	3.9%	2.6%	0.0%	0.0%	0.0%	0.0%	2.6%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	12	3	1	0	0	0	2	1	0	0	0	0	0	19
12:15	0	8	2	0	1	0	0	1	1	0	0	0	0	0	13
12:30	0	8	6	1	1	0	0	1	1	0	0	0	0	0	18
12:45	0	9	10	1	2	0	0	0	1	0	0	0	0	1	24
	0	37	21	3	4	0	0	4	4	0	0	0	0	1	74
13:00	0	10	2	0	0	0	0	1	0	0	0	0	0	0	13
13:15	0	9	2	0	2	0	0	0	0	0	0	0	0	0	13
13:30	0	10	7	1	2	0	0	2	0	0	0	0	0	1	23
13:45	0	7	5	1	2	0	0	1	0	0	0	0	0	0	16
	0	36	16	2	6	0	0	4	0	0	0	0	0	1	65
14:00	0	16	4	2	1	0	0	1	0	0	0	0	0	0	24
14:15	0	12	4	0	3	0	0	0	0	0	0	0	0	0	19
14:30	0	13	3	0	3	0	0	2	0	0	0	0	0	1	22
14:45	0	12	5	2	1	0	0	0	1	0	0	0	0	0	21
	0	53	16	4	8	0	0	3	1	0	0	0	0	1	86
15:00	0	9	8	2	1	0	0	0	0	0	0	0	0	0	20
15:15	1	13	2	0	3	0	0	1	4	0	0	0	0	1	25
15:30	0	15	4	0	1	1	0	1	1	0	0	0	0	1	24
15:45	0	22	5	2	3	0	0	1	0	0	0	0	0	0	33
	1	59	19	4	8	1	0	3	5	0	0	0	0	2	102
16:00	0	19	7	0	2	0	0	1	0	0	0	0	0	2	31
16:15	0	18	4	1	1	0	0	1	0	0	0	0	0	0	25
16:30	0	15	5	0	1	0	0	0	0	0	0	0	0	0	21
16:45	0	22	8	0	0	0	0	0	0	0	0	0	0	1	31
	0	74	24	1	4	0	0	2	0	0	0	0	0	3	108
17:00	0	13	8	1	2	0	0	3	0	0	0	0	0	0	27
17:15	0	25	5	0	2	0	0	0	0	0	0	0	0	0	32
17:30	0	20	14	0	2	0	0	1	0	0	0	0	0	2	39
17:45	0	16	4	0	1	1	0	0	0	0	0	0	0	0	22
	0	74	31	1	7	1	0	4	0	0	0	0	0	2	120
18:00	0	15	6	0	0	0	0	1	0	0	0	0	0	1	23
18:15	0	9	8	0	0	0	0	1	0	0	0	0	0	0	18
18:30	0	11	2	0	1	0	0	0	0	0	0	0	0	1	15
18:45	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	0	41	19	0	1	0	0	2	0	0	0	0	0	2	65
19:00	0	13	3	0	1	0	0	0	0	0	0	0	0	0	17
19:15	0	11	1	0	1	0	0	0	0	0	0	0	0	0	13
19:30	0	14	7	0	0	0	0	0	0	0	0	0	0	0	21
19:45	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	0	46	12	0	2	0	0	0	0	0	0	0	0	0	60
20:00	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
20:15	0	8	1	0	1	0	0	0	0	0	0	0	0	0	10
20:30	0	12	2	0	1	0	0	0	1	0	0	0	0	0	16
20:45	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	0	32	11	0	2	0	0	0	1	0	0	0	0	0	46
21:00	0	8	1	0	1	0	0	0	0	0	0	0	0	1	11
21:15	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
21:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
21:45	0	6	1	0	0	0	0	0	1	0	0	0	0	0	8
	0	26	5	0	1	0	0	0	1	0	0	0	0	1	34
22:00	0	5	0	1	0	0	0	0	0	0	0	0	0	0	6
22:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
22:30	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
22:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	16	5	1	0	0	0	0	0	0	0	0	0	0	22
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
23:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	0	7	5	0	0	0	0	0	0	0	0	0	0	0	12
Total	1	501	184	16	43	2	0	22	12	0	0	0	0	13	794
Percent	0.1%	63.1%	23.2%	2.0%	5.4%	0.3%	0.0%	2.8%	1.5%	0.0%	0.0%	0.0%	0.0%	1.6%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/14															
00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	4	1	0	1	0	0	0	0	0	0	0	0	0	6
01:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
02:00	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	1	1	0	0	0	1	0	0	0	0	0	0	0	0	3
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
06:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
06:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
07:00	0	9	2	1	0	0	0	0	0	0	0	0	0	0	12
07:15	0	5	1	0	1	0	0	1	0	0	0	0	0	0	8
07:30	0	6	8	0	0	0	0	1	0	0	0	0	0	0	15
07:45	0	9	3	0	0	0	0	1	0	0	0	0	0	0	13
	1	9	3	0	0	1	0	0	0	0	0	0	0	0	14
08:00	1	29	15	0	1	1	0	3	0	0	0	0	0	0	50
08:15	0	13	5	0	0	0	0	0	0	0	0	0	0	0	18
08:30	0	20	6	1	2	0	0	0	0	0	0	0	0	0	29
08:45	0	11	3	0	1	0	0	0	1	0	0	0	0	1	17
	0	12	7	1	1	0	0	0	0	0	0	0	0	0	21
09:00	0	56	21	2	4	0	0	0	1	0	0	0	0	1	85
09:15	0	7	3	1	2	0	0	1	1	0	0	0	0	0	15
09:30	0	7	5	0	1	0	0	2	0	0	0	0	0	0	15
09:45	0	13	6	0	0	0	0	0	2	0	0	0	0	0	21
	0	7	3	1	1	0	0	2	1	0	0	0	0	0	15
10:00	0	34	17	2	4	0	0	5	4	0	0	0	0	0	66
10:15	0	8	2	0	0	1	0	0	0	0	0	0	0	0	11
10:30	0	8	2	0	0	0	0	4	1	0	0	0	0	0	15
10:45	0	6	9	0	0	0	0	2	0	0	0	0	0	0	17
	0	5	7	0	1	0	0	0	0	0	0	0	0	0	13
11:00	0	27	20	0	1	1	0	6	1	0	0	0	0	0	56
11:15	0	11	7	0	0	0	0	0	0	0	0	0	0	0	18
11:30	0	7	2	1	0	0	0	3	0	0	0	0	0	0	13
11:45	0	9	5	0	2	0	0	0	0	0	0	0	0	0	16
	0	7	6	2	2	0	0	0	0	0	0	0	0	0	17
	0	34	20	3	4	0	0	3	0	0	0	0	0	0	64
Total	2	200	100	8	15	3	0	17	8	0	0	0	0	1	354
Percent	0.6%	56.5%	28.2%	2.3%	4.2%	0.8%	0.0%	4.8%	2.3%	0.0%	0.0%	0.0%	0.0%	0.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	11	4	0	0	0	0	0	1	0	0	0	0	0	16
12:15	0	10	7	1	0	0	0	2	0	0	0	0	0	1	21
12:30	0	4	5	0	0	0	0	1	2	0	0	0	0	0	12
12:45	0	8	7	0	3	0	0	0	0	0	0	0	0	0	18
	0	33	23	1	3	0	0	3	3	0	0	0	0	1	67
13:00	0	9	8	1	0	0	0	0	1	0	0	0	0	2	21
13:15	0	13	7	1	0	0	0	0	0	0	0	0	0	0	21
13:30	0	15	6	1	0	0	0	0	0	0	0	0	0	0	22
13:45	0	5	5	0	1	0	0	2	1	0	0	0	0	2	16
	0	42	26	3	1	0	0	2	2	0	0	0	0	4	80
14:00	0	11	4	0	2	0	0	1	0	0	0	0	0	0	18
14:15	0	5	7	0	1	0	0	1	0	0	0	0	0	0	14
14:30	0	17	5	0	1	0	0	0	0	0	0	0	0	0	23
14:45	0	11	8	0	1	0	0	1	0	0	0	0	0	1	22
	0	44	24	0	5	0	0	3	0	0	0	0	0	1	77
15:00	0	11	9	1	1	0	0	1	0	0	0	0	0	1	24
15:15	0	14	14	0	2	0	0	1	1	0	0	0	0	0	32
15:30	0	13	3	1	0	0	0	0	0	0	0	0	0	0	17
15:45	0	18	10	1	2	0	0	0	0	0	0	0	0	0	31
	0	56	36	3	5	0	0	2	1	0	0	0	0	1	104
16:00	0	11	7	0	2	0	0	0	0	0	0	0	0	0	20
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	186	116	7	16	0	0	10	6	0	0	0	0	7	348
Percent	0.0%	53.4%	33.3%	2.0%	4.6%	0.0%	0.0%	2.9%	1.7%	0.0%	0.0%	0.0%	0.0%	2.0%	
Grand Total	5	1427	592	39	124	6	0	73	42	0	0	0	0	36	2344
Percent	0.2%	60.9%	25.3%	1.7%	5.3%	0.3%	0.0%	3.1%	1.8%	0.0%	0.0%	0.0%	0.0%	1.5%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	25	16	0	3	0	0	3	1	0	0	0	0	0	48
16:15	0	29	6	2	2	0	0	1	0	0	0	0	0	1	41
16:30	0	26	12	0	1	0	0	0	1	0	0	0	0	1	41
16:45	0	27	8	0	3	0	0	0	0	0	0	0	0	1	39
	0	107	42	2	9	0	0	4	2	0	0	0	0	3	169
17:00	1	44	10	1	1	0	0	4	0	0	0	0	0	0	61
17:15	1	34	7	0	3	0	0	0	0	0	0	0	0	0	45
17:30	0	33	13	0	4	0	0	0	1	0	0	0	0	3	54
17:45	0	28	7	0	0	0	0	0	1	0	0	0	0	0	36
	2	139	37	1	8	0	0	4	2	0	0	0	0	3	196
18:00	0	26	8	0	1	0	0	0	0	0	0	0	0	0	35
18:15	0	27	9	0	3	0	0	1	1	0	0	0	0	1	42
18:30	0	13	8	0	0	0	0	1	0	0	0	0	0	0	22
18:45	0	22	6	1	1	0	0	2	0	0	0	0	0	0	32
	0	88	31	1	5	0	0	4	1	0	0	0	0	1	131
19:00	0	18	4	0	2	0	0	0	0	0	0	0	0	0	24
19:15	0	23	4	0	0	0	0	0	0	0	0	0	0	0	27
19:30	0	13	8	0	0	0	0	0	0	0	0	0	0	0	21
19:45	0	16	3	0	1	0	0	0	0	0	0	0	0	0	20
	0	70	19	0	3	0	0	0	0	0	0	0	0	0	92
20:00	0	18	3	0	2	0	0	0	0	0	0	0	0	0	23
20:15	0	8	5	0	1	0	0	0	0	0	0	0	0	0	14
20:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
20:45	0	13	3	0	0	0	0	1	1	0	0	0	0	0	18
	0	45	12	0	3	0	0	1	1	0	0	0	0	0	62
21:00	0	7	5	0	0	0	0	0	0	0	0	0	0	0	12
21:15	0	11	1	0	0	0	0	0	1	0	0	0	0	0	13
21:30	0	16	0	0	0	0	0	0	0	0	0	0	0	0	16
21:45	0	9	2	0	0	0	0	0	1	0	0	0	0	0	12
	0	43	8	0	0	0	0	0	2	0	0	0	0	0	53
22:00	0	3	2	0	1	0	0	0	0	0	0	0	0	0	6
22:15	0	5	2	0	0	0	0	0	1	0	0	0	0	0	8
22:30	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
22:45	0	7	2	0	0	0	0	1	0	0	0	0	0	0	10
	0	20	9	0	1	0	0	1	1	0	0	0	0	0	32
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
23:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
23:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	0	12	6	0	0	0	0	0	0	0	0	0	0	0	18
Total	2	524	164	4	29	0	0	14	9	0	0	0	0	7	753
Percent	0.3%	69.6%	21.8%	0.5%	3.9%	0.0%	0.0%	1.9%	1.2%	0.0%	0.0%	0.0%	0.0%	0.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/1															
4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
00:15	0	3	0	0	0	0	0	0	2	0	0	0	0	0	5
00:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
00:45	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	0	14	1	0	0	0	0	0	2	0	0	0	0	0	17
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
01:30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	4	0	1	0	0	0	0	0	0	0	0	0	7
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:15	0	2	0	0	0	1	0	0	0	0	0	0	0	0	3
04:30	0	4	1	0	0	0	0	1	0	0	0	0	0	0	6
04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	9	1	0	0	1	0	1	0	0	0	0	0	0	12
05:00	0	2	1	0	0	0	0	1	0	0	0	0	0	0	4
05:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	4
05:30	0	3	3	0	0	0	0	1	0	0	0	0	0	0	7
05:45	0	5	3	0	0	0	0	0	0	0	0	0	0	1	9
	0	12	7	0	2	0	0	2	0	0	0	0	0	1	24
06:00	0	10	3	0	1	0	0	1	1	0	0	0	0	0	16
06:15	0	10	3	0	1	0	0	0	0	0	0	0	0	0	14
06:30	0	18	3	2	2	0	0	2	1	0	0	0	0	1	29
06:45	0	18	0	1	0	0	0	1	1	0	0	0	0	0	21
	0	56	9	3	4	0	0	4	3	0	0	0	0	1	80
07:00	0	21	9	0	1	0	0	0	0	0	0	0	0	0	31
07:15	0	20	8	0	5	0	0	1	0	0	0	0	0	1	35
07:30	0	23	10	1	2	0	0	0	0	0	0	0	0	1	37
07:45	0	31	15	0	1	0	0	3	0	0	0	0	0	1	51
	0	95	42	1	9	0	0	4	0	0	0	0	0	3	154
08:00	0	29	13	0	3	0	0	3	0	0	0	0	0	0	48
08:15	0	40	13	2	2	0	0	1	0	0	0	0	0	1	59
08:30	0	17	13	0	1	0	0	1	1	0	0	0	0	2	35
08:45	0	17	5	1	2	0	0	2	0	0	0	0	0	0	27
	0	103	44	3	8	0	0	7	1	0	0	0	0	3	169
09:00	0	18	8	0	1	1	0	1	1	0	0	0	0	0	30
09:15	0	24	7	4	7	0	0	3	1	0	0	0	0	1	47
09:30	0	14	11	1	0	0	0	1	0	0	0	0	0	0	27
09:45	0	21	6	0	5	0	0	0	0	0	0	0	0	0	32
	0	77	32	5	13	1	0	5	2	0	0	0	0	1	136
10:00	0	16	6	0	4	0	0	2	0	0	0	0	0	0	28
10:15	0	14	7	0	3	0	0	4	2	0	0	0	0	0	30
10:30	0	18	8	0	2	0	0	5	0	0	0	0	0	0	33
10:45	0	23	5	0	2	0	0	2	0	0	0	0	0	0	32
	0	71	26	0	11	0	0	13	2	0	0	0	0	0	123
11:00	0	27	8	1	4	0	0	4	1	0	0	0	0	1	46
11:15	0	18	12	0	3	0	0	0	1	0	0	0	0	1	35
11:30	0	24	13	0	1	0	0	2	0	0	0	0	0	0	40
11:45	0	15	8	0	1	0	0	2	1	0	0	0	0	1	28
	0	84	41	1	9	0	0	8	3	0	0	0	0	3	149
Total	0	527	208	13	57	2	0	45	13	0	0	0	0	12	877
Percent	0.0%	60.1%	23.7%	1.5%	6.5%	0.2%	0.0%	5.1%	1.5%	0.0%	0.0%	0.0%	0.0%	1.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	19	7	2	0	0	0	4	1	0	0	0	0	0	33
12:15	0	23	4	0	3	0	0	1	1	0	0	0	0	0	32
12:30	0	17	12	1	1	0	0	2	1	0	0	0	0	0	34
12:45	0	17	12	2	5	0	0	0	1	0	0	0	0	4	41
	0	76	35	5	9	0	0	7	4	0	0	0	0	4	140
13:00	0	13	5	0	3	0	0	2	0	0	0	0	0	0	23
13:15	0	19	6	0	2	0	0	1	0	0	0	0	0	0	28
13:30	0	18	9	1	4	0	0	2	0	0	0	0	0	2	36
13:45	0	14	9	3	2	0	0	2	0	0	0	0	0	0	30
	0	64	29	4	11	0	0	7	0	0	0	0	0	2	117
14:00	0	33	8	2	3	0	0	1	0	0	0	0	0	0	47
14:15	0	20	5	1	3	0	0	1	0	0	0	0	0	0	30
14:30	0	22	6	0	5	0	0	2	0	0	0	0	0	2	37
14:45	0	20	8	2	1	0	0	4	1	0	0	0	0	0	36
	0	95	27	5	12	0	0	8	1	0	0	0	0	2	150
15:00	0	18	14	3	5	0	0	1	0	0	0	0	0	2	43
15:15	1	29	3	0	3	0	0	1	4	0	0	0	0	1	42
15:30	0	37	7	1	1	1	0	2	1	0	0	0	0	3	53
15:45	1	44	16	3	3	0	0	1	0	0	0	0	0	0	68
	2	128	40	7	12	1	0	5	5	0	0	0	0	6	206
16:00	0	30	15	0	3	0	0	1	0	0	0	0	0	3	52
16:15	0	39	5	2	2	0	0	1	0	0	0	0	0	0	49
16:30	0	29	10	0	2	0	0	0	0	0	0	0	0	0	41
16:45	0	30	14	0	0	0	0	1	0	0	0	0	0	2	47
	0	128	44	2	7	0	0	3	0	0	0	0	0	5	189
17:00	0	24	11	1	3	0	0	4	0	0	0	0	0	0	43
17:15	0	42	9	0	5	0	0	1	0	0	0	0	0	0	57
17:30	0	31	22	0	2	0	0	2	0	0	0	0	0	2	59
17:45	0	21	6	0	1	1	0	2	0	0	0	0	0	0	31
	0	118	48	1	11	1	0	9	0	0	0	0	0	2	190
18:00	0	26	8	0	0	0	0	1	0	0	0	0	0	2	37
18:15	0	21	10	0	1	0	0	1	0	0	0	0	0	0	33
18:30	0	22	4	0	2	0	0	0	0	0	0	0	0	1	29
18:45	0	14	5	1	1	0	0	0	0	0	0	0	0	0	21
	0	83	27	1	4	0	0	2	0	0	0	0	0	3	120
19:00	0	17	6	0	2	0	0	0	0	0	0	0	0	0	25
19:15	0	14	2	0	1	0	0	2	0	0	0	0	0	0	19
19:30	0	23	10	0	0	0	0	1	1	0	0	0	0	0	35
19:45	0	13	5	0	0	0	0	1	0	0	0	0	0	0	19
	0	67	23	0	3	0	0	4	1	0	0	0	0	0	98
20:00	0	13	8	0	0	0	0	1	0	0	0	0	0	0	22
20:15	0	10	3	0	1	0	0	1	0	0	0	0	0	0	15
20:30	0	20	2	0	1	0	0	0	1	0	0	0	0	0	24
20:45	0	13	4	0	0	0	0	0	0	0	0	0	0	0	17
	0	56	17	0	2	0	0	2	1	0	0	0	0	0	78
21:00	0	12	1	0	1	0	0	0	0	0	0	0	0	2	16
21:15	0	11	4	0	0	0	0	0	0	0	0	0	0	0	15
21:30	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
21:45	0	9	2	0	0	0	0	0	1	0	0	0	0	0	12
	0	39	8	0	1	0	0	0	1	0	0	0	0	2	51
22:00	0	8	0	1	0	0	0	0	0	0	0	0	0	0	9
22:15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
22:30	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
22:45	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
	0	27	9	1	0	0	0	0	0	0	0	0	0	0	37
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
23:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
Total	2	890	313	26	72	2	0	47	13	0	0	0	0	26	1391
Percent	0.1%	64.0%	22.5%	1.9%	5.2%	0.1%	0.0%	3.4%	0.9%	0.0%	0.0%	0.0%	0.0%	1.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/14															
00:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
00:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
00:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	8	2	0	1	0	0	0	0	0	0	0	0	0	11
01:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
02:00	0	6	0	0	0	0	0	0	1	0	0	0	0	0	7
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	1	0	0	0	0	1	0	1	0	0	0	0	0	0	3
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	1	1	0	0	0	1	0	1	0	0	0	0	0	0	4
03:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	2	0	0	0	0	0	1	0	0	0	0	0	0	3
04:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:30	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
04:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	8	4	0	1	0	0	0	0	0	0	0	0	0	13
05:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:45	0	5	3	0	0	0	0	0	1	0	0	0	0	0	9
	0	7	2	0	1	0	0	0	0	0	0	0	0	0	10
06:00	0	13	6	0	1	0	0	0	1	0	0	0	0	0	21
06:15	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
06:30	0	11	4	0	4	0	0	1	0	0	0	0	0	0	20
06:45	0	16	3	1	2	0	0	0	0	0	0	0	0	0	22
	0	12	3	1	1	0	0	1	0	0	0	0	0	0	18
07:00	0	47	14	2	7	0	0	2	0	0	0	0	0	0	72
07:15	0	28	6	0	4	0	0	3	0	0	0	0	0	0	41
07:30	0	20	16	0	3	0	0	1	0	0	0	0	0	0	40
07:45	0	23	7	0	3	0	0	3	0	0	0	0	0	0	36
	1	34	4	1	2	1	0	2	0	0	0	0	0	1	46
08:00	1	105	33	1	12	1	0	9	0	0	0	0	0	1	163
08:15	0	28	13	0	1	0	0	1	0	0	0	0	0	0	43
08:30	0	40	8	1	2	0	0	3	0	0	0	0	0	0	54
08:45	0	21	6	1	2	0	0	2	1	0	0	0	0	2	35
	1	24	11	1	1	0	0	1	0	0	0	0	0	0	39
09:00	1	113	38	3	6	0	0	7	1	0	0	0	0	2	171
09:15	0	17	4	1	4	0	0	1	1	0	0	0	0	1	29
09:30	0	12	11	0	2	0	0	4	0	0	0	0	0	0	29
09:45	0	24	9	1	1	0	0	2	2	0	0	0	0	0	39
	0	22	5	1	1	0	0	3	1	0	0	0	0	0	33
10:00	0	75	29	3	8	0	0	10	4	0	0	0	0	1	130
10:15	0	18	5	0	0	1	0	1	0	0	0	0	0	0	25
10:30	0	16	6	0	0	0	0	7	1	0	0	0	0	0	30
10:45	0	17	11	0	0	0	0	2	0	0	0	0	0	0	30
	0	15	9	0	1	0	0	1	0	0	0	0	0	1	27
11:00	0	66	31	0	1	1	0	11	1	0	0	0	0	1	112
11:15	0	19	9	0	0	0	0	1	0	0	0	0	0	0	29
11:30	0	18	7	2	1	0	0	5	0	0	0	0	0	0	33
11:45	0	17	10	0	3	0	0	2	0	0	0	0	0	0	32
	0	20	8	2	3	0	0	0	0	0	0	0	0	0	33
	0	74	34	4	7	0	0	8	0	0	0	0	0	0	127
Total	3	518	191	13	44	3	0	49	8	0	0	0	0	5	834
Percent	0.4%	62.1%	22.9%	1.6%	5.3%	0.4%	0.0%	5.9%	1.0%	0.0%	0.0%	0.0%	0.0%	0.6%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	22	8	0	0	0	0	2	1	0	0	0	0	0	33
12:15	0	23	13	2	0	1	0	3	0	0	0	0	0	1	43
12:30	0	15	7	0	0	0	0	5	3	0	0	0	0	0	30
12:45	0	26	10	0	6	0	0	1	0	0	0	0	0	0	43
	0	86	38	2	6	1	0	11	4	0	0	0	0	1	149
13:00	0	26	14	4	0	0	0	1	1	0	0	0	0	2	48
13:15	0	22	9	1	0	0	0	2	0	0	0	0	0	0	34
13:30	0	24	9	2	0	0	0	1	0	0	0	0	0	0	36
13:45	0	17	7	0	1	0	0	3	1	0	0	0	0	3	32
	0	89	39	7	1	0	0	7	2	0	0	0	0	5	150
14:00	0	24	5	0	2	0	0	1	0	0	0	0	0	0	32
14:15	0	15	14	0	2	0	0	2	0	0	0	0	0	0	33
14:30	0	26	9	0	1	0	0	0	0	0	0	0	0	0	36
14:45	0	22	14	0	2	0	0	2	0	0	0	0	0	1	41
	0	87	42	0	7	0	0	5	0	0	0	0	0	1	142
15:00	0	19	15	1	2	0	0	2	0	0	0	0	0	3	42
15:15	0	30	17	0	3	0	0	1	1	0	0	0	0	1	53
15:30	0	33	9	3	2	0	0	1	0	0	0	0	0	0	48
15:45	0	44	13	1	3	0	0	1	0	0	0	0	0	0	62
	0	126	54	5	10	0	0	5	1	0	0	0	0	4	205
16:00	0	27	10	0	3	0	0	0	0	0	0	0	0	1	41
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	415	183	14	27	1	0	28	7	0	0	0	0	12	687
Percent	0.0%	60.4%	26.6%	2.0%	3.9%	0.1%	0.0%	4.1%	1.0%	0.0%	0.0%	0.0%	0.0%	1.7%	
Grand Total	7	2874	1059	70	229	8	0	183	50	0	0	0	0	62	4542
Percent	0.2%	63.3%	23.3%	1.5%	5.0%	0.2%	0.0%	4.0%	1.1%	0.0%	0.0%	0.0%	0.0%	1.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	88	35	1	7	0	0	1	0	0	0	0	0	7	139
16:15	2	99	27	2	3	0	0	2	1	0	0	0	0	2	138
16:30	0	97	37	0	3	1	0	1	1	0	0	0	0	5	145
16:45	1	111	36	1	6	2	0	2	1	0	0	0	0	7	167
	3	395	135	4	19	3	0	6	3	0	0	0	0	21	589
17:00	0	120	37	3	3	0	0	1	2	0	0	0	0	2	168
17:15	0	129	40	1	6	0	0	0	0	0	0	0	0	5	181
17:30	0	142	42	0	9	0	0	0	0	0	0	0	0	3	196
17:45	0	131	39	0	11	0	0	0	1	0	0	0	0	9	191
	0	522	158	4	29	0	0	1	3	0	0	0	0	19	736
18:00	0	104	28	0	6	1	0	1	0	0	0	0	0	5	145
18:15	0	70	19	0	3	0	0	0	0	0	0	0	0	2	94
18:30	0	53	16	0	3	1	0	1	0	0	0	0	0	3	77
18:45	0	81	24	0	1	0	0	0	0	0	0	0	0	1	107
	0	308	87	0	13	2	0	2	0	0	0	0	0	11	423
19:00	0	62	12	0	1	0	0	0	0	0	0	0	0	0	75
19:15	0	47	19	1	2	0	0	0	0	0	0	0	0	0	69
19:30	0	59	16	0	3	0	0	0	0	0	0	0	0	1	79
19:45	1	61	16	0	1	0	0	0	1	0	0	0	0	1	81
	1	229	63	1	7	0	0	0	1	0	0	0	0	2	304
20:00	0	38	9	0	0	0	0	0	0	0	0	0	0	2	49
20:15	0	40	7	0	0	1	0	0	0	0	0	0	0	0	48
20:30	0	37	13	0	4	0	0	0	0	0	0	0	0	0	54
20:45	0	31	7	0	1	0	0	0	0	0	0	0	0	0	39
	0	146	36	0	5	1	0	0	0	0	0	0	0	2	190
21:00	1	31	8	0	6	0	0	0	0	0	0	0	0	0	46
21:15	0	34	5	0	0	0	0	1	1	0	0	0	0	1	42
21:30	1	24	8	0	1	0	0	0	0	0	0	0	0	0	34
21:45	0	34	7	0	0	0	0	0	1	0	0	0	0	0	42
	2	123	28	0	7	0	0	1	2	0	0	0	0	1	164
22:00	1	14	5	0	1	1	0	11	0	0	0	0	0	0	33
22:15	0	20	6	0	0	0	0	0	0	0	0	0	0	0	26
22:30	0	15	4	0	2	0	0	0	0	0	0	0	0	0	21
22:45	0	11	1	0	0	0	0	0	0	0	0	0	0	0	12
	1	60	16	0	3	1	0	11	0	0	0	0	0	0	92
23:00	0	18	6	0	1	0	0	0	0	0	0	0	0	0	25
23:15	0	18	1	0	0	0	0	0	0	0	0	0	0	0	19
23:30	0	16	2	0	0	0	0	0	1	0	0	0	0	0	19
23:45	0	13	1	1	0	0	0	0	1	0	0	0	0	0	16
	0	65	10	1	1	0	0	0	2	0	0	0	0	0	79
Total	7	1848	533	10	84	7	0	21	11	0	0	0	0	56	2577
Percent	0.3%	71.7%	20.7%	0.4%	3.3%	0.3%	0.0%	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	2.2%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/1															
4	0	8	2	0	1	0	0	0	0	0	0	0	0	0	11
00:15	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
00:30	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
00:45	0	1	2	0	1	0	0	0	0	0	0	0	0	0	4
	0	24	12	0	2	0	0	0	0	0	0	0	0	0	38
01:00	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
01:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
01:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
01:45	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	0	13	3	0	0	0	0	0	1	0	0	0	0	0	17
02:00	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
02:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
02:30	0	6	2	1	0	0	0	0	0	0	0	0	0	0	9
02:45	0	5	0	0	0	0	0	0	1	0	0	0	0	0	6
	0	16	3	1	0	0	0	0	3	0	0	0	0	0	23
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
03:15	0	5	2	0	1	0	0	0	0	0	0	0	0	0	8
03:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
03:45	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
	0	10	3	0	2	0	0	0	0	0	0	0	0	0	15
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
04:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
05:00	0	4	0	0	0	0	0	0	0	0	0	0	0	1	5
05:15	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
05:30	1	9	2	0	0	0	0	0	1	0	0	0	0	1	14
05:45	0	7	2	0	0	0	0	0	0	0	0	0	0	1	10
	1	24	7	0	0	0	0	0	1	0	0	0	0	3	36
06:00	0	13	1	1	1	0	0	0	0	0	0	0	0	0	16
06:15	0	12	5	0	1	0	0	0	1	0	0	0	0	2	21
06:30	0	21	6	0	1	0	0	0	0	0	0	0	0	0	28
06:45	0	28	11	0	2	0	0	0	1	0	0	0	0	2	44
	0	74	23	1	5	0	0	0	2	0	0	0	0	4	109
07:00	1	57	12	3	3	0	0	1	4	1	0	0	0	11	93
07:15	1	66	29	3	3	1	0	1	2	0	0	0	0	17	123
07:30	0	40	7	2	2	1	0	0	3	0	0	0	1	8	64
07:45	0	41	24	2	2	0	0	0	0	0	0	0	0	6	75
	2	204	72	10	10	2	0	2	9	1	0	0	1	42	355
08:00	0	47	20	1	1	0	0	1	1	0	0	0	0	9	80
08:15	0	36	15	3	7	0	0	0	1	2	0	0	0	5	69
08:30	0	26	8	0	5	1	0	1	1	0	0	0	0	2	44
08:45	0	25	12	1	1	0	0	0	0	0	0	0	0	3	42
	0	134	55	5	14	1	0	2	3	2	0	0	0	19	235
09:00	0	21	15	1	5	0	0	0	1	0	0	0	0	3	46
09:15	0	25	13	1	5	0	0	2	1	0	0	0	0	0	47
09:30	0	22	16	0	4	0	0	1	2	0	0	0	0	0	45
09:45	1	32	13	0	0	0	0	0	2	0	0	0	0	0	48
	1	100	57	2	14	0	0	3	6	0	0	0	0	3	186
10:00	0	27	12	1	2	0	0	2	0	0	0	0	0	1	45
10:15	0	32	9	0	3	0	0	2	1	0	0	0	0	1	48
10:30	0	27	10	1	2	0	1	0	1	0	0	0	0	3	45
10:45	0	25	9	1	1	0	0	0	2	0	0	0	0	1	39
	0	111	40	3	8	0	1	4	4	0	0	0	0	6	177
11:00	0	37	9	0	3	0	0	1	2	1	0	0	0	2	55
11:15	0	34	15	2	1	0	0	0	3	0	0	0	0	1	56
11:30	0	24	14	0	3	0	0	0	3	0	0	0	0	2	46
11:45	0	28	15	1	4	0	0	0	0	0	0	0	0	2	50
	0	123	53	3	11	0	0	1	8	1	0	0	0	7	207
Total	4	841	329	25	66	3	1	12	37	4	0	0	1	84	1407
Percent	0.3%	59.8%	23.4%	1.8%	4.7%	0.2%	0.1%	0.9%	2.6%	0.3%	0.0%	0.0%	0.1%	6.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	41	12	1	3	0	0	0	0	1	0	0	0	3	61
12:15	0	36	12	0	3	0	0	0	2	0	0	0	0	1	54
12:30	0	30	14	0	4	0	0	0	2	0	0	0	0	3	53
12:45	0	34	25	0	1	0	0	0	1	0	0	0	0	0	61
	0	141	63	1	11	0	0	0	5	1	0	0	0	7	229
13:00	0	34	19	1	1	1	0	1	4	0	0	0	0	0	61
13:15	0	47	20	4	4	0	0	0	2	0	0	0	0	0	77
13:30	1	53	21	1	1	0	0	0	2	1	0	0	0	5	85
13:45	0	48	13	1	2	0	0	2	0	0	0	0	0	1	67
	1	182	73	7	8	1	0	3	8	1	0	0	0	6	290
14:00	1	49	20	1	1	0	0	0	1	0	0	0	0	2	75
14:15	0	57	14	1	5	0	0	1	0	0	0	0	0	1	79
14:30	0	78	21	1	6	0	0	2	0	0	0	0	0	1	109
14:45	0	75	24	2	4	0	0	1	0	0	0	0	0	6	112
	1	259	79	5	16	0	0	4	1	0	0	0	0	10	375
15:00	0	60	31	1	3	0	0	0	0	0	0	0	0	3	98
15:15	0	77	27	1	5	0	0	1	4	0	0	0	0	4	119
15:30	1	74	27	4	3	0	0	1	0	0	0	0	0	4	114
15:45	0	82	26	2	5	0	0	2	1	0	0	0	0	10	128
	1	293	111	8	16	0	0	4	5	0	0	0	0	21	459
16:00	0	90	29	1	8	0	0	0	0	1	0	0	0	5	134
16:15	2	107	27	1	4	0	0	0	0	0	0	0	0	5	146
16:30	0	84	28	1	9	0	0	0	1	0	0	0	0	2	125
16:45	0	112	26	3	8	0	1	2	1	0	0	0	0	7	160
	2	393	110	6	29	0	1	2	2	1	0	0	0	19	565
17:00	1	133	45	1	9	1	0	2	1	0	0	0	0	4	197
17:15	1	146	37	0	4	3	0	2	1	0	0	0	0	5	199
17:30	1	119	37	0	12	1	0	0	0	0	0	0	0	5	175
17:45	0	133	39	1	10	0	0	1	0	0	0	0	0	8	192
	3	531	158	2	35	5	0	5	2	0	0	0	0	22	763
18:00	0	104	20	0	13	1	0	0	0	0	0	0	0	9	147
18:15	1	91	29	0	6	1	0	0	0	0	0	0	0	7	135
18:30	0	97	22	1	5	0	0	0	0	0	0	0	0	3	128
18:45	0	72	17	0	4	0	0	0	0	0	0	0	0	8	101
	1	364	88	1	28	2	0	0	0	0	0	0	0	27	511
19:00	0	67	25	0	11	1	0	0	0	0	0	0	0	0	104
19:15	0	52	13	0	0	0	0	0	0	0	0	0	0	0	65
19:30	0	63	21	0	3	1	0	0	1	0	0	0	0	2	91
19:45	0	39	15	0	1	0	0	0	0	0	0	0	0	1	56
	0	221	74	0	15	2	0	0	1	0	0	0	0	3	316
20:00	0	34	9	0	2	0	0	0	0	0	0	0	0	2	47
20:15	0	43	5	0	0	0	0	0	0	0	0	0	0	0	48
20:30	0	34	15	0	2	1	0	0	0	0	0	0	0	2	54
20:45	2	44	14	0	1	0	0	0	0	0	0	0	0	0	61
	2	155	43	0	5	1	0	0	0	0	0	0	0	4	210
21:00	0	26	2	0	3	0	0	0	0	0	0	0	0	0	31
21:15	0	37	9	1	1	0	0	0	0	0	0	0	0	0	48
21:30	1	37	8	0	1	0	0	0	0	0	0	0	0	0	47
21:45	0	23	9	0	1	0	0	0	0	0	0	0	0	1	34
	1	123	28	1	6	0	0	0	0	0	0	0	0	1	160
22:00	1	25	4	0	0	0	0	0	0	0	0	0	0	0	30
22:15	0	29	8	0	0	0	0	0	0	0	0	0	0	0	37
22:30	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
22:45	0	12	4	0	0	0	0	0	0	0	0	0	0	1	17
	1	76	21	0	0	0	0	0	0	0	0	0	0	1	99
23:00	0	26	6	0	0	0	0	0	0	0	0	0	0	0	32
23:15	0	19	3	1	0	0	0	0	0	0	0	0	0	0	23
23:30	0	25	4	0	0	0	0	0	0	0	0	0	0	0	29
23:45	0	15	1	0	1	0	0	0	0	0	0	0	0	0	17
	0	85	14	1	1	0	0	0	0	0	0	0	0	0	101
Total	13	2823	862	32	170	11	1	18	24	3	0	0	0	121	4078
Percent	0.3%	69.2%	21.1%	0.8%	4.2%	0.3%	0.0%	0.4%	0.6%	0.1%	0.0%	0.0%	0.0%	3.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/14															
00:15	0	18	3	0	0	0	0	0	0	0	0	0	0	0	21
00:30	0	14	3	0	1	0	0	0	0	0	0	0	0	0	18
00:45	0	6	4	0	1	0	0	0	0	0	0	0	0	0	11
01:00	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	0	46	12	0	2	0	0	0	0	0	0	0	0	0	60
01:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
01:30	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
01:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	12	2	0	1	0	0	0	0	0	0	0	0	0	15
02:15	0	4	0	0	1	0	0	0	0	0	0	0	0	0	5
02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	0	9	5	0	1	0	0	0	0	0	0	0	0	0	15
03:15	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
03:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	0	7	5	0	0	0	0	0	2	0	0	0	0	0	14
04:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	0	7	1	0	0	0	0	0	1	0	0	0	0	0	9
05:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
05:30	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
05:45	1	4	5	0	0	1	0	2	0	0	0	0	0	1	14
06:00	0	9	1	0	0	1	0	0	1	0	0	0	0	2	14
	1	18	7	1	0	2	0	2	1	0	0	0	0	3	35
06:15	0	13	6	1	2	0	0	0	0	0	0	0	0	0	22
06:30	1	21	8	0	1	1	0	0	0	0	0	0	0	3	35
06:45	0	12	7	0	0	0	0	1	1	0	0	0	0	0	21
07:00	0	23	10	1	2	0	0	1	0	0	0	0	0	6	43
	1	69	31	2	5	1	0	2	1	0	0	0	0	9	121
07:15	0	60	12	6	2	0	0	0	0	0	0	0	0	7	87
07:30	1	73	21	1	4	1	1	0	0	0	0	0	0	18	120
07:45	0	49	11	0	4	0	0	0	0	0	0	0	0	5	69
08:00	0	61	10	2	3	0	0	0	1	1	0	0	0	8	86
	1	243	54	9	13	1	1	0	1	1	0	0	0	38	362
08:15	0	39	18	3	3	1	0	0	2	0	0	0	0	5	71
08:30	0	59	24	2	10	0	0	0	1	1	0	0	0	5	102
08:45	0	35	16	0	1	0	0	1	1	0	0	0	0	1	55
09:00	0	33	8	1	5	1	0	1	1	0	0	0	0	2	52
	0	166	66	6	19	2	0	2	5	1	0	0	0	13	280
09:15	0	21	12	0	3	0	1	2	1	0	0	0	0	1	41
09:30	0	26	11	0	3	0	0	1	2	0	0	0	0	3	46
09:45	0	21	14	4	7	2	0	1	1	0	0	0	0	2	52
10:00	0	34	7	0	2	1	0	0	2	0	0	0	0	3	49
	0	102	44	4	15	3	1	4	6	0	0	0	0	9	188
10:15	0	18	15	0	3	0	0	1	1	0	0	0	0	1	39
10:30	0	31	8	1	2	0	0	0	0	0	0	0	0	1	43
10:45	0	20	10	0	3	0	0	0	0	0	0	0	0	1	34
11:00	0	24	11	1	2	0	0	0	3	1	0	0	0	0	42
	0	93	44	2	10	0	0	1	4	1	0	0	0	3	158
11:15	0	33	11	1	3	0	0	2	0	0	0	0	0	1	51
11:30	0	37	16	3	2	1	0	3	3	0	0	0	0	2	67
11:45	0	35	13	0	2	0	0	3	0	0	0	0	0	3	56
	0	36	12	0	6	0	0	0	1	0	0	0	0	4	59
	0	141	52	4	13	1	0	8	4	0	0	0	0	10	233
Total	3	913	323	28	79	10	2	19	25	3	0	0	0	85	1490
Percent	0.2%	61.3%	21.7%	1.9%	5.3%	0.7%	0.1%	1.3%	1.7%	0.2%	0.0%	0.0%	0.0%	5.7%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	43	19	1	4	0	1	1	1	0	0	0	0	1	71
12:15	0	51	11	0	4	0	1	0	1	0	0	0	0	1	69
12:30	0	52	14	0	2	0	1	2	0	0	0	0	0	3	74
12:45	0	43	24	1	5	1	0	1	2	0	0	0	0	1	78
	0	189	68	2	15	1	3	4	4	0	0	0	0	6	292
13:00	0	33	24	3	1	0	0	0	3	1	0	0	0	3	68
13:15	0	44	18	1	4	0	1	1	0	0	0	0	0	1	70
13:30	0	47	24	1	3	1	0	1	0	0	0	0	0	2	79
13:45	0	43	17	0	5	1	0	0	0	0	0	0	0	2	68
	0	167	83	5	13	2	1	2	3	1	0	0	0	8	285
14:00	0	53	16	0	3	0	0	0	1	0	0	0	0	2	75
14:15	0	57	27	2	3	0	0	1	1	0	0	0	0	1	92
14:30	0	72	24	0	9	1	0	0	3	0	0	0	0	2	111
14:45	0	65	21	1	7	0	0	0	2	0	0	0	1	5	102
	0	247	88	3	22	1	0	1	7	0	0	0	1	10	380
15:00	0	62	28	2	3	0	0	1	0	0	0	0	0	3	99
15:15	2	72	32	3	5	2	0	1	1	0	0	0	0	2	120
15:30	0	66	31	5	6	1	0	1	3	1	0	0	0	5	119
15:45	0	95	36	2	6	0	0	0	1	0	0	0	0	9	149
	2	295	127	12	20	3	0	3	5	1	0	0	0	19	487
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	898	366	22	70	7	4	10	19	2	0	0	1	43	1444
Percent	0.1%	62.2%	25.3%	1.5%	4.8%	0.5%	0.3%	0.7%	1.3%	0.1%	0.0%	0.0%	0.1%	3.0%	
Grand Total	29	7323	2413	117	469	38	8	80	116	12	0	0	2	389	10996
Percent	0.3%	66.6%	21.9%	1.1%	4.3%	0.3%	0.1%	0.7%	1.1%	0.1%	0.0%	0.0%	0.0%	3.5%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	1	63	13	0	4	1	0	1	1	0	0	0	0	9	93
16:15	1	52	16	1	4	0	0	0	0	0	0	0	0	4	78
16:30	1	47	19	0	1	0	0	0	1	0	0	0	0	4	73
16:45	0	50	19	0	3	1	0	1	2	0	0	0	0	16	92
	3	212	67	1	12	2	0	2	4	0	0	0	0	33	336
17:00	0	55	21	0	3	0	0	1	2	0	0	0	0	3	85
17:15	0	60	18	0	0	0	0	0	1	0	0	0	0	5	84
17:30	1	59	24	0	1	0	0	0	0	0	0	0	0	3	88
17:45	0	59	13	0	1	1	0	0	0	0	0	0	0	2	76
	1	233	76	0	5	1	0	1	3	0	0	0	0	13	333
18:00	0	52	18	0	0	0	0	0	0	0	0	0	0	8	78
18:15	0	40	18	0	2	1	0	1	1	0	0	0	0	3	66
18:30	0	32	12	0	1	0	0	0	0	0	0	0	0	3	48
18:45	0	38	16	0	3	0	0	0	1	0	0	0	0	1	59
	0	162	64	0	6	1	0	1	2	0	0	0	0	15	251
19:00	0	25	7	0	3	0	0	0	0	0	0	0	0	0	35
19:15	0	34	6	0	0	0	0	0	0	0	0	0	0	2	42
19:30	0	28	6	0	0	0	0	0	0	0	0	0	0	1	35
19:45	0	20	6	0	1	1	0	0	0	0	0	0	0	0	28
	0	107	25	0	4	1	0	0	0	0	0	0	0	3	140
20:00	0	19	7	0	0	0	0	0	1	0	0	0	0	0	27
20:15	1	15	4	0	1	0	0	0	0	0	0	0	0	2	23
20:30	0	13	4	0	0	0	0	0	0	0	0	0	0	0	17
20:45	0	11	6	0	4	0	0	0	0	0	0	0	0	0	21
	1	58	21	0	5	0	0	0	1	0	0	0	0	2	88
21:00	0	12	3	0	1	0	0	0	0	0	0	0	0	0	16
21:15	0	20	3	0	0	0	0	0	0	0	0	0	0	0	23
21:30	0	18	5	1	1	0	0	0	0	0	0	0	0	2	27
21:45	0	15	1	0	2	0	0	0	0	0	0	0	0	0	18
	0	65	12	1	4	0	0	0	0	0	0	0	0	2	84
22:00	0	11	2	1	0	0	0	0	0	0	0	0	0	0	14
22:15	0	13	5	0	1	0	0	0	0	0	0	0	0	0	19
22:30	0	19	2	0	0	0	0	1	0	0	0	0	0	0	22
22:45	0	10	1	0	0	0	0	0	0	0	0	0	0	0	11
	0	53	10	1	1	0	0	1	0	0	0	0	0	0	66
23:00	0	6	0	0	1	0	0	0	0	0	0	0	0	0	7
23:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23:30	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
23:45	0	0	3	0	0	0	0	0	0	0	0	0	0	1	4
	0	17	4	0	1	0	0	0	0	0	0	0	0	1	23
Total	5	907	279	3	38	5	0	5	10	0	0	0	0	69	1321
Percent	0.4%	68.7%	21.1%	0.2%	2.9%	0.4%	0.0%	0.4%	0.8%	0.0%	0.0%	0.0%	0.0%	5.2%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/14															
00:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
00:30	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
00:45	0	10	0	1	0	0	0	0	1	0	0	0	0	0	12
	0	2	0	0	0	0	0	0	1	0	0	0	0	1	4
01:00	0	19	2	1	0	0	0	0	3	0	0	0	0	1	26
01:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
01:30	0	2	2	0	0	0	0	0	2	0	0	0	0	0	6
01:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	6	5	0	0	0	0	0	3	0	0	0	0	0	14
02:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
03:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
03:30	0	4	1	1	0	0	0	0	0	0	0	0	0	0	6
03:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
04:00	0	14	6	1	0	0	0	0	0	0	0	0	0	0	21
04:15	0	5	2	1	0	0	0	0	0	0	0	0	0	0	8
04:30	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
04:45	0	13	4	0	2	0	0	0	0	0	0	0	0	0	19
	0	22	5	0	0	0	0	0	1	0	0	0	0	0	28
05:00	0	48	13	1	2	0	0	0	1	0	0	0	0	0	65
05:15	0	26	5	0	1	0	0	0	1	0	0	0	0	1	34
05:30	0	37	17	0	0	0	0	0	0	0	0	0	0	0	54
05:45	0	41	15	0	0	0	0	0	0	0	0	0	0	0	56
	0	32	20	0	9	0	0	1	1	0	0	0	0	1	64
06:00	0	136	57	0	10	0	0	1	2	0	0	0	0	2	208
06:15	0	56	25	1	8	0	0	1	0	0	0	0	0	0	91
06:30	0	71	13	2	10	0	0	0	0	0	0	0	0	3	99
06:45	0	92	32	1	11	0	0	1	1	0	0	0	0	0	138
	0	105	20	1	7	0	0	0	0	0	0	0	0	1	134
07:00	0	324	90	5	36	0	0	2	1	0	0	0	0	4	462
07:15	0	135	26	0	6	2	0	2	0	0	0	0	0	8	179
07:30	1	136	41	3	7	0	0	1	1	0	0	0	0	12	202
07:45	0	171	54	3	7	0	0	1	2	0	0	0	0	7	245
	0	132	51	0	6	0	0	1	0	0	0	0	0	10	200
08:00	1	574	172	6	26	2	0	5	3	0	0	0	0	37	826
08:15	0	105	28	1	2	0	0	0	1	0	0	0	0	7	144
08:30	3	96	41	0	11	0	0	1	3	0	0	0	0	6	161
08:45	0	65	20	1	6	0	0	1	3	0	0	0	0	3	99
	0	55	17	2	7	0	0	5	2	0	0	0	0	3	91
09:00	3	321	106	4	26	0	0	7	9	0	0	0	0	19	495
09:15	0	37	17	0	5	0	0	0	2	0	0	0	0	2	63
09:30	0	39	9	0	5	0	0	1	1	0	0	0	0	0	55
09:45	0	38	27	1	4	0	0	2	1	0	0	0	0	0	73
	1	35	15	1	2	1	1	0	0	0	0	0	0	1	57
10:00	1	149	68	2	16	1	1	3	4	0	0	0	0	3	248
10:15	0	55	18	2	1	0	0	0	3	0	0	0	0	0	79
10:30	1	41	17	0	4	0	0	0	0	0	0	0	0	1	64
10:45	0	44	14	1	2	1	0	1	4	1	0	0	0	3	71
	1	41	12	1	0	0	0	0	2	0	0	0	0	0	57
11:00	2	181	61	4	7	1	0	1	9	1	0	0	0	4	271
11:15	0	40	14	0	4	0	0	2	2	0	0	0	0	1	63
11:30	0	31	15	2	4	1	0	0	2	0	0	0	0	0	55
11:45	0	35	13	0	1	0	0	0	1	0	0	0	0	2	52
	0	37	14	1	4	0	0	1	4	0	0	0	0	0	61
	0	143	56	3	13	1	0	3	9	0	0	0	0	3	231
Total	7	1920	638	27	136	5	1	22	44	1	0	0	0	73	2874
Percent	0.2%	66.8%	22.2%	0.9%	4.7%	0.2%	0.0%	0.8%	1.5%	0.0%	0.0%	0.0%	0.0%	2.5%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	42	17	0	2	0	0	0	1	0	0	0	0	3	65
12:15	2	38	17	0	4	0	0	1	1	0	0	0	0	2	65
12:30	0	37	13	0	6	0	0	0	1	0	0	0	0	0	57
12:45	0	28	19	1	3	1	0	2	3	0	0	0	0	0	57
	2	145	66	1	15	1	0	3	6	0	0	0	0	5	244
13:00	0	48	13	1	1	0	0	0	1	1	0	0	0	2	67
13:15	0	38	12	2	4	0	0	0	1	0	0	0	0	2	59
13:30	0	36	22	1	5	0	0	2	0	0	0	0	0	4	70
13:45	1	49	18	0	3	0	0	0	3	0	0	0	0	4	78
	1	171	65	4	13	0	0	2	5	1	0	0	0	12	274
14:00	0	47	10	1	3	1	0	1	0	0	0	0	0	2	65
14:15	1	46	14	2	1	0	0	0	0	0	0	0	0	1	65
14:30	0	44	22	3	0	0	0	1	1	0	0	0	0	2	73
14:45	1	76	40	6	6	0	0	0	0	0	0	0	0	7	136
	2	213	86	12	10	1	0	2	1	0	0	0	0	12	339
15:00	0	71	21	2	4	0	0	2	1	0	0	0	0	0	101
15:15	0	53	17	0	3	1	0	1	1	0	0	0	0	3	79
15:30	1	84	24	2	1	0	0	0	0	0	0	0	0	8	120
15:45	1	70	14	1	3	0	0	0	0	0	0	0	0	6	95
	2	278	76	5	11	1	0	3	2	0	0	0	0	17	395
16:00	1	66	19	2	2	1	0	0	1	0	0	0	0	3	95
16:15	2	47	14	1	1	2	0	0	1	0	0	0	0	4	72
16:30	0	66	18	0	0	0	0	0	0	0	0	0	0	7	91
16:45	2	56	10	1	2	0	0	1	2	1	0	0	0	5	80
	5	235	61	4	5	3	0	1	4	1	0	0	0	19	338
17:00	0	63	17	0	2	1	0	0	0	0	0	0	0	3	86
17:15	0	62	14	0	2	0	0	0	0	0	0	0	0	10	88
17:30	0	59	9	0	3	1	0	0	1	0	0	0	0	7	80
17:45	0	49	16	0	4	0	0	0	0	0	0	0	0	3	72
	0	233	56	0	11	2	0	0	1	0	0	0	0	23	326
18:00	2	44	10	0	0	0	0	0	0	0	0	0	0	2	58
18:15	0	49	16	0	4	1	0	1	0	0	0	0	0	7	78
18:30	0	48	23	0	2	1	0	0	0	0	0	0	0	3	77
18:45	0	35	12	0	3	0	0	0	0	0	0	0	0	3	53
	2	176	61	0	9	2	0	1	0	0	0	0	0	15	266
19:00	0	24	12	0	5	0	0	0	0	0	0	0	0	1	42
19:15	0	28	16	0	5	0	0	0	0	0	0	0	0	2	51
19:30	0	39	11	0	0	1	0	0	1	0	0	0	0	1	53
19:45	0	33	11	0	0	0	0	0	0	0	0	0	0	0	44
	0	124	50	0	10	1	0	0	1	0	0	0	0	4	190
20:00	1	35	4	0	1	0	0	1	0	0	0	0	0	1	43
20:15	0	12	8	0	1	0	0	0	0	0	0	0	0	0	21
20:30	0	23	3	0	0	0	0	0	0	0	0	0	0	3	29
20:45	0	18	4	0	0	0	0	0	0	0	0	0	0	0	22
	1	88	19	0	2	0	0	1	0	0	0	0	0	4	115
21:00	0	23	6	0	0	0	0	0	0	0	0	0	0	0	29
21:15	0	12	3	0	1	0	0	0	0	0	0	0	0	0	16
21:30	0	17	1	0	2	0	0	0	0	0	0	0	0	0	20
21:45	0	17	1	0	0	0	0	1	0	0	0	0	0	0	19
	0	69	11	0	3	0	0	1	0	0	0	0	0	0	84
22:00	0	17	3	0	0	0	0	0	0	0	0	0	0	0	20
22:15	0	16	5	0	0	0	0	0	1	0	0	0	0	0	22
22:30	0	15	1	0	0	0	0	0	0	0	0	0	0	0	16
22:45	0	10	1	0	0	0	0	0	0	0	0	0	0	0	11
	0	58	10	0	0	0	0	0	1	0	0	0	0	0	69
23:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
23:15	0	18	3	0	0	0	0	0	0	0	0	0	0	0	21
23:30	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
23:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	35	7	0	0	0	0	0	0	0	0	0	0	0	42
Total	15	1825	568	26	89	11	0	14	21	2	0	0	0	111	2682
Percent	0.6%	68.0%	21.2%	1.0%	3.3%	0.4%	0.0%	0.5%	0.8%	0.1%	0.0%	0.0%	0.0%	4.1%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/1															
4	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
00:15	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
00:30	0	10	1	0	0	0	0	0	0	0	0	0	0	0	11
00:45	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
	0	21	4	0	0	0	0	0	1	0	0	0	0	0	26
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
01:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
02:00	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
02:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
02:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
03:00	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3
03:15	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
03:30	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
03:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	0	8	2	1	0	0	0	0	2	0	0	0	0	0	13
04:00	0	5	2	1	0	0	0	0	0	0	0	0	0	0	8
04:15	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
04:30	0	15	7	0	0	0	0	0	0	0	0	0	0	0	22
04:45	0	18	5	0	0	0	0	0	1	0	0	0	0	0	24
	0	44	19	1	0	0	0	0	1	0	0	0	0	0	65
05:00	0	23	6	0	2	0	0	0	1	0	0	0	0	0	32
05:15	1	36	13	0	0	0	0	0	0	0	0	0	0	0	50
05:30	0	41	18	0	5	0	0	0	0	0	0	0	0	3	67
05:45	0	38	20	1	2	0	0	1	1	0	0	0	0	0	63
	1	138	57	1	9	0	0	1	2	0	0	0	0	3	212
06:00	0	60	23	0	7	0	0	0	1	0	0	0	0	0	91
06:15	1	87	22	3	4	0	0	0	1	0	0	0	1	1	120
06:30	0	86	25	0	8	1	0	0	1	0	0	0	0	0	121
06:45	0	104	24	1	4	1	0	1	3	0	0	0	0	3	141
	1	337	94	4	23	2	0	1	6	0	0	0	1	4	473
07:00	0	151	31	0	4	1	0	1	0	0	0	0	0	7	195
07:15	0	139	48	6	8	3	0	1	0	0	0	0	0	14	219
07:30	2	178	48	1	6	0	0	1	1	0	0	0	0	6	243
07:45	0	138	38	1	5	1	0	1	0	1	0	0	0	2	187
	2	606	165	8	23	5	0	4	1	1	0	0	0	29	844
08:00	1	109	37	0	3	0	0	2	1	0	0	0	0	3	156
08:15	0	99	42	3	4	1	0	4	0	1	0	0	0	3	157
08:30	0	75	18	0	4	0	0	0	2	0	0	0	0	3	102
08:45	0	52	19	0	5	2	0	2	0	0	0	0	0	1	81
	1	335	116	3	16	3	0	8	3	1	0	0	0	10	496
09:00	1	43	19	0	3	0	0	4	0	0	0	0	0	1	71
09:15	0	38	21	1	5	0	0	2	0	0	0	0	0	0	67
09:30	0	48	19	3	2	1	0	1	3	0	0	0	0	1	78
09:45	0	47	12	1	2	0	0	1	2	0	0	0	0	2	67
	1	176	71	5	12	1	0	8	5	0	0	0	0	4	283
10:00	0	42	19	0	1	1	0	0	3	0	0	0	0	1	67
10:15	0	44	15	0	2	1	0	1	4	0	0	0	0	1	68
10:30	0	37	19	0	0	0	0	3	2	0	0	0	0	1	62
10:45	0	39	12	4	0	0	0	1	0	0	0	0	0	0	56
	0	162	65	4	3	2	0	5	9	0	0	0	0	3	253
11:00	0	33	12	1	1	1	0	0	2	0	0	0	0	2	52
11:15	0	29	8	0	3	0	0	1	2	0	0	0	0	1	44
11:30	0	36	13	0	1	1	0	0	2	0	0	0	0	1	54
11:45	0	45	15	0	1	0	0	0	1	0	0	0	0	1	63
	0	143	48	1	6	2	0	1	7	0	0	0	0	5	213
Total	6	1979	649	28	92	15	0	28	39	2	0	0	1	58	2897
Percent	0.2%	68.3%	22.4%	1.0%	3.2%	0.5%	0.0%	1.0%	1.3%	0.1%	0.0%	0.0%	0.0%	2.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	58	17	0	4	0	0	0	2	0	0	0	0	3	84
12:15	0	43	13	0	2	0	0	0	1	0	0	0	0	2	61
12:30	0	37	17	0	7	0	0	1	2	0	0	0	0	1	65
12:45	0	44	19	0	0	0	0	0	1	0	0	0	0	0	64
	0	182	66	0	13	0	0	1	6	0	0	0	0	6	274
13:00	0	38	12	1	0	0	0	0	5	0	0	0	0	4	60
13:15	0	33	14	1	5	0	0	3	0	0	0	0	0	2	58
13:30	0	45	21	1	2	1	0	0	0	0	0	0	0	3	73
13:45	0	43	19	0	1	0	0	0	4	0	0	0	0	8	75
	0	159	66	3	8	1	0	3	9	0	0	0	0	17	266
14:00	1	53	13	1	3	0	0	1	1	0	0	0	0	3	76
14:15	1	47	19	0	1	0	0	0	2	0	0	0	0	1	71
14:30	0	43	21	0	3	1	0	0	0	0	0	0	0	8	76
14:45	0	61	24	8	3	1	0	1	4	0	0	0	0	3	105
	2	204	77	9	10	2	0	2	7	0	0	0	0	15	328
15:00	0	50	29	2	3	2	0	0	0	0	0	0	0	2	88
15:15	0	48	14	1	4	1	0	0	0	0	0	0	0	5	73
15:30	1	77	30	1	3	0	0	0	0	0	0	0	0	6	118
15:45	1	58	26	2	1	1	0	1	1	0	0	0	0	8	99
	2	233	99	6	11	4	0	1	1	0	0	0	0	21	378
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	778	308	18	42	7	0	7	23	0	0	0	0	59	1246
Percent	0.3%	62.4%	24.7%	1.4%	3.4%	0.6%	0.0%	0.6%	1.8%	0.0%	0.0%	0.0%	0.0%	4.7%	
Grand Total	37	7409	2442	102	397	43	1	76	137	5	0	0	1	370	11020
Percent	0.3%	67.2%	22.2%	0.9%	3.6%	0.4%	0.0%	0.7%	1.2%	0.0%	0.0%	0.0%	0.0%	3.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	1	151	48	1	11	1	0	2	1	0	0	0	0	16	232
16:15	3	151	43	3	7	0	0	2	1	0	0	0	0	6	216
16:30	1	144	56	0	4	1	0	1	2	0	0	0	0	9	218
16:45	1	161	55	1	9	3	0	3	3	0	0	0	0	23	259
	6	607	202	5	31	5	0	8	7	0	0	0	0	54	925
17:00	0	175	58	3	6	0	0	2	4	0	0	0	0	5	253
17:15	0	189	58	1	6	0	0	0	1	0	0	0	0	10	265
17:30	1	201	66	0	10	0	0	0	0	0	0	0	0	6	284
17:45	0	190	52	0	12	1	0	0	1	0	0	0	0	11	267
	1	755	234	4	34	1	0	2	6	0	0	0	0	32	1069
18:00	0	156	46	0	6	1	0	1	0	0	0	0	0	13	223
18:15	0	110	37	0	5	1	0	1	1	0	0	0	0	5	160
18:30	0	85	28	0	4	1	0	1	0	0	0	0	0	6	125
18:45	0	119	40	0	4	0	0	0	1	0	0	0	0	2	166
	0	470	151	0	19	3	0	3	2	0	0	0	0	26	674
19:00	0	87	19	0	4	0	0	0	0	0	0	0	0	0	110
19:15	0	81	25	1	2	0	0	0	0	0	0	0	0	2	111
19:30	0	87	22	0	3	0	0	0	0	0	0	0	0	2	114
19:45	1	81	22	0	2	1	0	0	1	0	0	0	0	1	109
	1	336	88	1	11	1	0	0	1	0	0	0	0	5	444
20:00	0	57	16	0	0	0	0	0	1	0	0	0	0	2	76
20:15	1	55	11	0	1	1	0	0	0	0	0	0	0	2	71
20:30	0	50	17	0	4	0	0	0	0	0	0	0	0	0	71
20:45	0	42	13	0	5	0	0	0	0	0	0	0	0	0	60
	1	204	57	0	10	1	0	0	1	0	0	0	0	4	278
21:00	1	43	11	0	7	0	0	0	0	0	0	0	0	0	62
21:15	0	54	8	0	0	0	0	1	1	0	0	0	0	1	65
21:30	1	42	13	1	2	0	0	0	0	0	0	0	0	2	61
21:45	0	49	8	0	2	0	0	0	1	0	0	0	0	0	60
	2	188	40	1	11	0	0	1	2	0	0	0	0	3	248
22:00	1	25	7	1	1	1	0	11	0	0	0	0	0	0	47
22:15	0	33	11	0	1	0	0	0	0	0	0	0	0	0	45
22:30	0	34	6	0	2	0	0	1	0	0	0	0	0	0	43
22:45	0	21	2	0	0	0	0	0	0	0	0	0	0	0	23
	1	113	26	1	4	1	0	12	0	0	0	0	0	0	158
23:00	0	24	6	0	2	0	0	0	0	0	0	0	0	0	32
23:15	0	21	2	0	0	0	0	0	0	0	0	0	0	0	23
23:30	0	24	2	0	0	0	0	0	1	0	0	0	0	0	27
23:45	0	13	4	1	0	0	0	0	1	0	0	0	0	1	20
	0	82	14	1	2	0	0	0	2	0	0	0	0	1	102
Total	12	2755	812	13	122	12	0	26	21	0	0	0	0	125	3898
Percent	0.3%	70.7%	20.8%	0.3%	3.1%	0.3%	0.0%	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	3.2%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/03/1															
4	0	9	2	0	1	0	0	0	1	0	0	0	0	0	13
00:15	0	14	7	0	0	0	0	0	0	0	0	0	0	0	21
00:30	0	17	3	1	0	0	0	0	1	0	0	0	0	0	22
00:45	0	3	2	0	1	0	0	0	1	0	0	0	0	1	8
	0	43	14	1	2	0	0	0	3	0	0	0	0	1	64
01:00	0	8	1	0	0	0	0	0	1	0	0	0	0	0	10
01:15	0	6	2	0	0	0	0	0	2	0	0	0	0	0	10
01:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
01:45	0	1	3	0	0	0	0	0	1	0	0	0	0	0	5
	0	19	8	0	0	0	0	0	4	0	0	0	0	0	31
02:00	0	7	1	0	0	0	0	0	1	0	0	0	0	0	9
02:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
02:30	0	6	3	1	0	0	0	0	0	0	0	0	0	0	10
02:45	0	7	0	0	0	0	0	0	1	0	0	0	0	0	8
	0	21	5	1	0	0	0	0	3	0	0	0	0	0	30
03:00	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
03:15	0	9	3	1	1	0	0	0	0	0	0	0	0	0	14
03:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
03:45	0	6	3	0	1	0	0	0	0	0	0	0	0	0	10
	0	24	9	1	2	0	0	0	0	0	0	0	0	0	36
04:00	0	6	2	1	0	0	0	0	0	0	0	0	0	0	9
04:15	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
04:30	0	15	5	0	2	0	0	0	0	0	0	0	0	0	22
04:45	0	26	5	0	0	0	0	0	1	0	0	0	0	0	32
	0	56	14	1	2	0	0	0	1	0	0	0	0	0	74
05:00	0	30	5	0	1	0	0	0	1	0	0	0	0	2	39
05:15	0	41	20	0	0	0	0	0	0	0	0	0	0	0	61
05:30	1	50	17	0	0	0	0	0	1	0	0	0	0	1	70
05:45	0	39	22	0	9	0	0	1	1	0	0	0	0	2	74
	1	160	64	0	10	0	0	1	3	0	0	0	0	5	244
06:00	0	69	26	2	9	0	0	1	0	0	0	0	0	0	107
06:15	0	83	18	2	11	0	0	0	1	0	0	0	0	5	120
06:30	0	113	38	1	12	0	0	1	1	0	0	0	0	0	166
06:45	0	133	31	1	9	0	0	0	1	0	0	0	0	3	178
	0	398	113	6	41	0	0	2	3	0	0	0	0	8	571
07:00	1	192	38	3	9	2	0	3	4	1	0	0	0	19	272
07:15	2	202	70	6	10	1	0	2	3	0	0	0	0	29	325
07:30	0	211	61	5	9	1	0	1	5	0	0	0	1	15	309
07:45	0	173	75	2	8	0	0	1	0	0	0	0	0	16	275
	3	778	244	16	36	4	0	7	12	1	0	0	1	79	1181
08:00	0	152	48	2	3	0	0	1	2	0	0	0	0	16	224
08:15	3	132	56	3	18	0	0	1	4	2	0	0	0	11	230
08:30	0	91	28	1	11	1	0	2	4	0	0	0	0	5	143
08:45	0	80	29	3	8	0	0	5	2	0	0	0	0	6	133
	3	455	161	9	40	1	0	9	12	2	0	0	0	38	730
09:00	0	58	32	1	10	0	0	0	3	0	0	0	0	5	109
09:15	0	64	22	1	10	0	0	3	2	0	0	0	0	0	102
09:30	0	60	43	1	8	0	0	3	3	0	0	0	0	0	118
09:45	2	67	28	1	2	1	1	0	2	0	0	0	0	1	105
	2	249	125	4	30	1	1	6	10	0	0	0	0	6	434
10:00	0	82	30	3	3	0	0	2	3	0	0	0	0	1	124
10:15	1	73	26	0	7	0	0	2	1	0	0	0	0	2	112
10:30	0	71	24	2	4	1	1	1	5	1	0	0	0	6	116
10:45	1	66	21	2	1	0	0	0	4	0	0	0	0	1	96
	2	292	101	7	15	1	1	5	13	1	0	0	0	10	448
11:00	0	77	23	0	7	0	0	3	4	1	0	0	0	3	118
11:15	0	65	30	4	5	1	0	0	5	0	0	0	0	1	111
11:30	0	59	27	0	4	0	0	0	4	0	0	0	0	4	98
11:45	0	65	29	2	8	0	0	1	4	0	0	0	0	2	111
	0	266	109	6	24	1	0	4	17	1	0	0	0	10	438
Total	11	2761	967	52	202	8	2	34	81	5	0	0	1	157	4281
Percent	0.3%	64.5%	22.6%	1.2%	4.7%	0.2%	0.0%	0.8%	1.9%	0.1%	0.0%	0.0%	0.0%	3.7%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	83	29	1	5	0	0	0	1	1	0	0	0	6	126
12:15	2	74	29	0	7	0	0	1	3	0	0	0	0	3	119
12:30	0	67	27	0	10	0	0	0	3	0	0	0	0	3	110
12:45	0	62	44	1	4	1	0	2	4	0	0	0	0	0	118
	2	286	129	2	26	1	0	3	11	1	0	0	0	12	473
13:00	0	82	32	2	2	1	0	1	5	1	0	0	0	2	128
13:15	0	85	32	6	8	0	0	0	3	0	0	0	0	2	136
13:30	1	89	43	2	6	0	0	2	2	1	0	0	0	9	155
13:45	1	97	31	1	5	0	0	2	3	0	0	0	0	5	145
	2	353	138	11	21	1	0	5	13	2	0	0	0	18	564
14:00	1	96	30	2	4	1	0	1	1	0	0	0	0	4	140
14:15	1	103	28	3	6	0	0	1	0	0	0	0	0	2	144
14:30	0	122	43	4	6	0	0	3	1	0	0	0	0	3	182
14:45	1	151	64	8	10	0	0	1	0	0	0	0	0	13	248
	3	472	165	17	26	1	0	6	2	0	0	0	0	22	714
15:00	0	131	52	3	7	0	0	2	1	0	0	0	0	3	199
15:15	0	130	44	1	8	1	0	2	5	0	0	0	0	7	198
15:30	2	158	51	6	4	0	0	1	0	0	0	0	0	12	234
15:45	1	152	40	3	8	0	0	2	1	0	0	0	0	16	223
	3	571	187	13	27	1	0	7	7	0	0	0	0	38	854
16:00	1	156	48	3	10	1	0	0	1	1	0	0	0	8	229
16:15	4	154	41	2	5	2	0	0	1	0	0	0	0	9	218
16:30	0	150	46	1	9	0	0	0	1	0	0	0	0	9	216
16:45	2	168	36	4	10	0	1	3	3	1	0	0	0	12	240
	7	628	171	10	34	3	1	3	6	2	0	0	0	38	903
17:00	1	196	62	1	11	2	0	2	1	0	0	0	0	7	283
17:15	1	208	51	0	6	3	0	2	1	0	0	0	0	15	287
17:30	1	178	46	0	15	2	0	0	1	0	0	0	0	12	255
17:45	0	182	55	1	14	0	0	1	0	0	0	0	0	11	264
	3	764	214	2	46	7	0	5	3	0	0	0	0	45	1089
18:00	2	148	30	0	13	1	0	0	0	0	0	0	0	11	205
18:15	1	140	45	0	10	2	0	1	0	0	0	0	0	14	213
18:30	0	145	45	1	7	1	0	0	0	0	0	0	0	6	205
18:45	0	107	29	0	7	0	0	0	0	0	0	0	0	11	154
	3	540	149	1	37	4	0	1	0	0	0	0	0	42	777
19:00	0	91	37	0	16	1	0	0	0	0	0	0	0	1	146
19:15	0	80	29	0	5	0	0	0	0	0	0	0	0	2	116
19:30	0	102	32	0	3	2	0	0	2	0	0	0	0	3	144
19:45	0	72	26	0	1	0	0	0	0	0	0	0	0	1	100
	0	345	124	0	25	3	0	0	2	0	0	0	0	7	506
20:00	1	69	13	0	3	0	0	1	0	0	0	0	0	3	90
20:15	0	55	13	0	1	0	0	0	0	0	0	0	0	0	69
20:30	0	57	18	0	2	1	0	0	0	0	0	0	0	5	83
20:45	2	62	18	0	1	0	0	0	0	0	0	0	0	0	83
	3	243	62	0	7	1	0	1	0	0	0	0	0	8	325
21:00	0	49	8	0	3	0	0	0	0	0	0	0	0	0	60
21:15	0	49	12	1	2	0	0	0	0	0	0	0	0	0	64
21:30	1	54	9	0	3	0	0	0	0	0	0	0	0	0	67
21:45	0	40	10	0	1	0	0	1	0	0	0	0	0	1	53
	1	192	39	1	9	0	0	1	0	0	0	0	0	1	244
22:00	1	42	7	0	0	0	0	0	0	0	0	0	0	0	50
22:15	0	45	13	0	0	0	0	0	1	0	0	0	0	0	59
22:30	0	25	6	0	0	0	0	0	0	0	0	0	0	0	31
22:45	0	22	5	0	0	0	0	0	0	0	0	0	0	1	28
	1	134	31	0	0	0	0	0	1	0	0	0	0	1	168
23:00	0	31	8	0	0	0	0	0	0	0	0	0	0	0	39
23:15	0	37	6	1	0	0	0	0	0	0	0	0	0	0	44
23:30	0	34	5	0	0	0	0	0	0	0	0	0	0	0	39
23:45	0	18	2	0	1	0	0	0	0	0	0	0	0	0	21
	0	120	21	1	1	0	0	0	0	0	0	0	0	0	143
Total	28	4648	1430	58	259	22	1	32	45	5	0	0	0	232	6760
Percent	0.4%	68.8%	21.2%	0.9%	3.8%	0.3%	0.0%	0.5%	0.7%	0.1%	0.0%	0.0%	0.0%	3.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12/04/1															
4	0	19	5	0	0	0	0	0	0	0	0	0	0	0	24
00:15	0	20	3	0	1	0	0	0	0	0	0	0	0	0	24
00:30	0	16	5	0	1	0	0	0	0	0	0	0	0	0	22
00:45	0	12	3	0	0	0	0	0	1	0	0	0	0	0	16
	0	67	16	0	2	0	0	0	1	0	0	0	0	0	86
01:00	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
01:15	0	5	3	0	1	0	0	0	0	0	0	0	0	0	9
01:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
01:45	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	0	17	6	0	1	0	0	0	1	0	0	0	0	0	25
02:00	0	5	1	0	1	0	0	0	1	0	0	0	0	0	8
02:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
02:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
02:45	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	0	13	9	0	1	0	0	0	1	0	0	0	0	0	24
03:00	0	5	2	1	0	0	0	0	1	0	0	0	0	0	9
03:15	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
03:30	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
03:45	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	0	15	7	1	0	0	0	0	4	0	0	0	0	0	27
04:00	0	8	2	1	0	0	0	0	0	0	0	0	0	0	11
04:15	0	7	5	0	0	0	0	0	0	0	0	0	0	0	12
04:30	0	17	7	0	0	0	0	0	0	0	0	0	0	0	24
04:45	0	19	6	0	0	0	0	0	2	0	0	0	0	0	27
	0	51	20	1	0	0	0	0	2	0	0	0	0	0	74
05:00	0	26	6	0	2	0	0	0	1	0	0	0	0	0	35
05:15	1	38	14	1	0	0	0	0	0	0	0	0	0	0	54
05:30	1	45	23	0	5	1	0	2	0	0	0	0	0	4	81
05:45	0	47	21	1	2	1	0	1	2	0	0	0	0	2	77
	2	156	64	2	9	2	0	3	3	0	0	0	0	6	247
06:00	0	73	29	1	9	0	0	0	1	0	0	0	0	0	113
06:15	2	108	30	3	5	1	0	0	1	0	0	0	1	4	155
06:30	0	98	32	0	8	1	0	1	2	0	0	0	0	0	142
06:45	0	127	34	2	6	1	0	2	3	0	0	0	0	9	184
	2	406	125	6	28	3	0	3	7	0	0	0	1	13	594
07:00	0	211	43	6	6	1	0	1	0	0	0	0	0	14	282
07:15	1	212	69	7	12	4	1	1	0	0	0	0	0	32	339
07:30	2	227	59	1	10	0	0	1	1	0	0	0	0	11	312
07:45	0	199	48	3	8	1	0	1	1	2	0	0	0	10	273
	3	849	219	17	36	6	1	4	2	2	0	0	0	67	1206
08:00	1	148	55	3	6	1	0	2	3	0	0	0	0	8	227
08:15	0	158	66	5	14	1	0	4	1	2	0	0	0	8	259
08:30	0	110	34	0	5	0	0	1	3	0	0	0	0	4	157
08:45	0	85	27	1	10	3	0	3	1	0	0	0	0	3	133
	1	501	182	9	35	5	0	10	8	2	0	0	0	23	776
09:00	1	64	31	0	6	0	1	6	1	0	0	0	0	2	112
09:15	0	64	32	1	8	0	0	3	2	0	0	0	0	3	113
09:30	0	69	33	7	9	3	0	2	4	0	0	0	0	3	130
09:45	0	81	19	1	4	1	0	1	4	0	0	0	0	5	116
	1	278	115	9	27	4	1	12	11	0	0	0	0	13	471
10:00	0	60	34	0	4	1	0	1	4	0	0	0	0	2	106
10:15	0	75	23	1	4	1	0	1	4	0	0	0	0	2	111
10:30	0	57	29	0	3	0	0	3	2	0	0	0	0	2	96
10:45	0	63	23	5	2	0	0	1	3	1	0	0	0	0	98
	0	255	109	6	13	2	0	6	13	1	0	0	0	6	411
11:00	0	66	23	2	4	1	0	2	2	0	0	0	0	3	103
11:15	0	66	24	3	5	1	0	4	5	0	0	0	0	3	111
11:30	0	71	26	0	3	1	0	3	2	0	0	0	0	4	110
11:45	0	81	27	0	7	0	0	0	2	0	0	0	0	5	122
	0	284	100	5	19	3	0	9	11	0	0	0	0	15	446
Total	9	2892	972	56	171	25	2	47	64	5	0	0	1	143	4387
Percent	0.2%	65.9%	22.2%	1.3%	3.9%	0.6%	0.0%	1.1%	1.5%	0.1%	0.0%	0.0%	0.0%	3.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	101	36	1	8	0	1	1	3	0	0	0	0	4	155
12:15	0	94	24	0	6	0	1	0	2	0	0	0	0	3	130
12:30	0	89	31	0	9	0	1	3	2	0	0	0	0	4	139
12:45	0	87	43	1	5	1	0	1	3	0	0	0	0	1	142
	0	371	134	2	28	1	3	5	10	0	0	0	0	12	566
13:00	0	71	36	4	1	0	0	0	8	1	0	0	0	7	128
13:15	0	77	32	2	9	0	1	4	0	0	0	0	0	3	128
13:30	0	92	45	2	5	2	0	1	0	0	0	0	0	5	152
13:45	0	86	36	0	6	1	0	0	4	0	0	0	0	10	143
	0	326	149	8	21	3	1	5	12	1	0	0	0	25	551
14:00	1	106	29	1	6	0	0	1	2	0	0	0	0	5	151
14:15	1	104	46	2	4	0	0	1	3	0	0	0	0	2	163
14:30	0	115	45	0	12	2	0	0	3	0	0	0	0	10	187
14:45	0	126	45	9	10	1	0	1	6	0	0	0	1	8	207
	2	451	165	12	32	3	0	3	14	0	0	0	1	25	708
15:00	0	112	57	4	6	2	0	1	0	0	0	0	0	5	187
15:15	2	120	46	4	9	3	0	1	1	0	0	0	0	7	193
15:30	1	143	61	6	9	1	0	1	3	1	0	0	0	11	237
15:45	1	153	62	4	7	1	0	1	2	0	0	0	0	17	248
	4	528	226	18	31	7	0	4	6	1	0	0	0	40	865
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	1676	674	40	112	14	4	17	42	2	0	0	1	102	2690
Percent	0.2%	62.3%	25.1%	1.5%	4.2%	0.5%	0.1%	0.6%	1.6%	0.1%	0.0%	0.0%	0.0%	3.8%	
Grand Total	66	14732	4855	219	866	81	9	156	253	17	0	0	3	759	22016
Percent	0.3%	66.9%	22.1%	1.0%	3.9%	0.4%	0.0%	0.7%	1.1%	0.1%	0.0%	0.0%	0.0%	3.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/06/15															
00:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
00:30	0	8	2	0	1	0	0	0	1	0	0	0	0	0	12
00:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
01:00	0	20	5	0	1	0	0	0	1	0	0	0	0	0	27
01:15	0	5	1	0	1	0	0	0	0	0	0	0	0	0	7
01:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
01:45	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	17	4	0	1	0	0	0	0	0	0	0	0	0	22
02:15	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3
02:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	9	2	1	1	0	0	0	0	0	0	0	0	0	13
03:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
03:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
	0	5	0	0	1	0	0	0	0	0	0	0	0	0	6
04:00	0	8	4	0	2	0	0	0	0	0	0	0	0	0	14
04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
05:00	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
05:15	0	1	1	1	0	0	0	0	1	0	0	0	0	0	4
05:30	0	6	1	0	0	0	0	0	1	0	0	0	0	0	8
05:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	0	6	2	1	0	0	0	0	1	0	0	0	0	0	10
06:00	0	16	5	2	0	0	0	0	3	0	0	0	0	0	26
06:15	0	12	1	0	1	2	0	0	0	0	0	0	0	0	16
06:30	0	11	6	1	7	0	0	0	2	0	0	0	0	1	28
06:45	0	15	6	1	0	0	0	0	3	0	0	0	0	1	26
	0	18	5	2	1	0	0	0	0	0	0	0	0	3	29
07:00	0	56	18	4	9	2	0	0	5	0	0	0	0	5	99
07:15	1	22	7	3	0	0	0	0	1	0	0	0	0	8	42
07:30	0	29	10	0	4	0	0	0	1	0	0	0	0	5	49
07:45	0	24	5	3	1	0	0	1	0	0	0	0	0	2	36
	0	41	3	1	5	0	0	1	0	0	0	0	0	8	59
08:00	1	116	25	7	10	0	0	2	2	0	0	0	0	23	186
08:15	0	44	11	0	3	1	0	0	0	1	0	0	0	6	66
08:30	1	40	13	2	8	1	0	1	0	0	0	0	0	5	71
08:45	1	40	12	1	9	2	0	0	0	0	0	0	0	1	66
	0	19	11	0	4	0	0	0	1	0	0	0	0	2	37
09:00	2	143	47	3	24	4	0	1	1	1	0	0	0	14	240
09:15	0	20	5	0	1	0	0	0	0	0	0	0	0	0	26
09:30	0	15	5	1	4	0	0	1	2	0	0	0	0	2	30
09:45	0	24	6	0	3	1	0	1	0	0	0	0	0	2	37
	0	19	7	1	2	0	0	1	3	0	0	0	0	1	34
10:00	0	78	23	2	10	1	0	3	5	0	0	0	0	5	127
10:15	0	24	6	0	2	0	0	1	3	1	0	0	0	2	39
10:30	0	18	16	0	0	0	0	0	0	0	0	0	0	0	34
10:45	0	24	7	0	5	0	0	0	1	0	0	0	0	0	37
	0	25	10	1	4	0	0	0	2	0	0	0	0	2	44
11:00	0	91	39	1	11	0	0	1	6	1	0	0	0	4	154
11:15	0	23	11	1	5	0	0	1	2	0	0	0	0	0	43
11:30	0	26	9	0	6	0	0	0	0	0	0	0	0	0	41
11:45	0	19	7	2	4	0	0	0	0	0	0	0	0	2	34
	0	28	17	1	5	0	0	0	1	0	0	0	0	1	53
	0	96	44	4	20	0	0	1	3	0	0	0	0	3	171
Total	3	658	219	24	89	7	0	8	26	2	0	0	0	54	1090
Percent	0.3%	60.4%	20.1%	2.2%	8.2%	0.6%	0.0%	0.7%	2.4%	0.2%	0.0%	0.0%	0.0%	5.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	1	36	8	1	6	0	0	0	1	0	0	0	0	2	55
12:15	0	27	9	0	0	0	0	1	2	0	0	0	0	0	39
12:30	0	15	6	0	4	1	0	1	1	0	0	0	0	2	30
12:45	0	38	8	0	5	0	0	1	1	0	0	0	0	0	53
	1	116	31	1	15	1	0	3	5	0	0	0	0	4	177
13:00	0	38	19	2	6	0	0	1	0	0	0	0	0	1	67
13:15	0	35	18	0	4	0	0	1	1	0	0	0	0	0	59
13:30	1	27	15	0	4	2	0	1	0	0	0	0	0	3	53
13:45	0	41	24	1	4	0	0	1	1	0	0	0	0	4	76
	1	141	76	3	18	2	0	4	2	0	0	0	0	8	255
14:00	0	49	14	0	7	0	0	1	0	0	0	0	0	2	73
14:15	0	39	22	1	6	0	0	1	1	0	0	0	0	2	72
14:30	0	46	9	0	3	1	0	1	3	0	0	0	0	3	66
14:45	0	41	22	1	6	0	0	0	1	0	0	0	0	3	74
	0	175	67	2	22	1	0	3	5	0	0	0	0	10	285
15:00	0	51	12	1	5	0	0	1	2	0	0	0	0	2	74
15:15	0	44	29	2	7	1	1	0	3	0	0	0	0	1	88
15:30	1	82	29	4	7	0	0	1	0	0	0	0	0	10	134
15:45	0	78	25	3	8	0	0	2	2	0	0	0	0	1	119
	1	255	95	10	27	1	1	4	7	0	0	0	0	14	415
16:00	0	87	25	2	6	0	0	2	0	0	0	0	0	3	125
16:15	1	82	22	0	3	2	0	0	0	0	0	0	0	3	113
16:30	0	84	29	0	9	1	0	0	1	0	0	0	0	1	125
16:45	0	96	35	0	13	0	0	1	1	0	0	0	0	5	151
	1	349	111	2	31	3	0	3	2	0	0	0	0	12	514
17:00	0	112	29	2	10	1	0	2	0	0	0	0	0	4	160
17:15	0	112	34	0	12	0	0	1	1	0	0	0	0	3	163
17:30	0	111	33	0	13	1	0	2	0	0	0	0	0	4	164
17:45	0	84	25	1	12	1	1	1	0	0	0	0	0	0	125
	0	419	121	3	47	3	1	6	1	0	0	0	0	11	612
18:00	0	113	25	1	7	0	0	1	1	0	0	0	1	3	152
18:15	0	70	16	0	15	0	0	0	0	0	0	0	0	3	104
18:30	1	79	21	1	11	0	0	0	1	0	0	0	0	2	116
18:45	0	56	21	1	3	1	0	1	0	0	0	0	0	0	83
	1	318	83	3	36	1	0	2	2	0	0	0	1	8	455
19:00	0	41	16	0	2	0	0	1	1	0	0	0	0	0	61
19:15	0	39	16	1	6	1	0	2	0	0	0	0	0	0	65
19:30	1	40	11	0	4	0	0	0	0	0	0	0	0	0	56
19:45	0	35	11	0	5	0	0	0	0	0	0	0	0	1	52
	1	155	54	1	17	1	0	3	1	0	0	0	0	1	234
20:00	0	44	12	0	7	0	0	0	1	0	0	0	0	0	64
20:15	0	37	7	0	6	0	0	0	0	0	0	0	0	1	51
20:30	0	34	11	0	1	0	0	0	0	0	0	0	0	0	46
20:45	0	20	11	0	0	0	0	0	0	0	0	0	0	0	31
	0	135	41	0	14	0	0	0	1	0	0	0	0	1	192
21:00	0	35	10	0	5	0	0	0	0	0	0	0	0	0	50
21:15	0	18	6	1	3	0	0	0	0	0	0	0	0	0	28
21:30	0	26	10	0	3	0	0	0	0	0	0	0	0	0	39
21:45	0	19	1	0	0	0	0	0	0	0	0	0	0	0	20
	0	98	27	1	11	0	0	0	0	0	0	0	0	0	137
22:00	0	13	8	0	1	0	0	0	1	0	0	0	0	0	23
22:15	0	15	7	0	0	0	0	0	1	0	0	0	0	0	23
22:30	0	17	6	0	1	0	0	0	0	0	0	0	0	0	24
22:45	0	9	1	0	1	0	0	0	0	0	0	0	0	0	11
	0	54	22	0	3	0	0	0	2	0	0	0	0	0	81
23:00	0	15	4	0	0	0	0	0	0	0	0	0	0	0	19
23:15	0	11	5	0	1	0	0	0	0	0	0	0	0	0	17
23:30	0	15	3	0	0	0	0	0	0	0	0	0	0	0	18
23:45	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
	0	53	14	0	1	0	0	0	0	0	0	0	0	0	68
Total	6	2268	742	26	242	13	2	28	28	0	0	0	1	69	3425
Percent	0.2%	66.2%	21.7%	0.8%	7.1%	0.4%	0.1%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	2.0%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/07/15															
	0	10	3	0	1	0	0	0	0	0	0	0	0	0	14
00:15	0	5	2	0	2	0	0	0	0	0	0	0	0	0	9
00:30	0	6	3	0	1	0	0	0	0	0	0	0	0	0	10
00:45	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	0	26	9	0	4	0	0	0	1	0	0	0	0	0	40
01:00	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
01:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
01:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
01:45	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
	0	10	2	0	2	0	0	0	0	0	0	0	0	0	14
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
02:45	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
	0	8	1	0	1	0	0	0	0	0	0	0	0	0	10
03:00	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
03:15	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
03:30	0	3	1	0	2	0	0	0	0	0	0	0	0	0	6
03:45	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
	0	10	5	0	3	0	0	0	2	0	0	0	0	0	20
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
05:00	0	1	0	0	0	1	0	1	0	0	0	0	0	0	3
05:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
05:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
05:45	0	4	3	0	2	1	0	0	0	0	0	0	0	2	12
	0	13	4	0	2	2	0	1	0	0	0	0	0	2	24
06:00	0	13	1	0	2	0	0	0	0	0	0	0	0	1	17
06:15	0	13	1	1	4	0	0	0	1	0	0	0	0	4	24
06:30	0	11	5	1	2	0	0	0	4	0	0	0	0	1	24
06:45	0	14	8	5	3	0	0	0	0	0	0	0	0	2	32
	0	51	15	7	11	0	0	0	5	0	0	0	0	8	97
07:00	0	30	1	2	3	0	0	0	2	0	0	0	0	4	42
07:15	0	30	8	1	3	1	0	0	1	0	0	0	0	4	48
07:30	0	27	6	1	1	0	0	1	2	0	0	0	0	3	41
07:45	0	35	9	1	2	0	0	1	0	0	0	0	0	6	54
	0	122	24	5	9	1	0	2	5	0	0	0	0	17	185
08:00	1	29	8	0	4	0	0	0	1	0	0	0	0	5	48
08:15	0	46	11	1	5	0	0	1	1	0	0	0	0	2	67
08:30	0	28	10	2	4	0	0	0	1	0	0	0	0	0	45
08:45	0	15	4	0	7	0	0	0	0	0	0	0	0	1	27
	1	118	33	3	20	0	0	1	3	0	0	0	0	8	187
09:00	1	28	7	0	5	0	0	0	1	0	0	0	0	0	42
09:15	0	17	13	0	1	0	0	1	1	0	0	0	0	1	34
09:30	0	17	12	0	5	1	0	1	1	0	0	0	0	1	38
09:45	0	27	10	0	6	1	0	0	0	0	0	0	0	0	44
	1	89	42	0	17	2	0	2	3	0	0	0	0	2	158
10:00	0	21	4	1	1	0	0	0	0	0	0	0	0	1	28
10:15	0	14	11	0	4	0	0	1	0	0	0	0	0	1	31
10:30	0	23	7	0	3	1	0	0	2	0	0	0	0	2	38
10:45	0	27	12	0	5	0	0	0	2	0	0	0	0	0	46
	0	85	34	1	13	1	0	1	4	0	0	0	0	4	143
11:00	0	19	7	0	2	1	0	0	2	0	0	0	0	1	32
11:15	0	23	16	1	4	0	0	0	2	0	0	0	0	1	47
11:30	0	19	10	0	1	1	0	0	0	0	0	0	0	3	34
11:45	0	38	13	0	7	1	0	0	3	0	0	0	0	1	63
	0	99	46	1	14	3	0	0	7	0	0	0	0	6	176
Total	2	635	217	17	96	9	0	7	31	0	0	0	0	47	1061
Percent	0.2%	59.8%	20.5%	1.6%	9.0%	0.8%	0.0%	0.7%	2.9%	0.0%	0.0%	0.0%	0.0%	4.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	23	10	1	3	0	0	0	0	0	0	0	0	2	39
12:15	0	25	14	1	2	0	0	1	0	0	0	0	0	0	43
12:30	0	38	11	0	4	1	1	0	0	0	0	0	0	2	57
12:45	0	32	13	1	4	0	0	1	1	0	0	0	0	2	54
	0	118	48	3	13	1	1	2	1	0	0	0	0	6	193
13:00	0	27	11	3	3	1	0	0	0	0	0	0	0	4	49
13:15	0	34	22	0	6	2	0	3	0	0	0	0	0	0	67
13:30	0	33	5	0	3	0	0	1	0	0	0	0	0	1	43
13:45	0	39	15	0	1	1	0	0	1	0	0	0	0	3	60
	0	133	53	3	13	4	0	4	1	0	0	0	0	8	219
14:00	1	55	23	0	9	0	0	1	1	0	0	0	0	0	90
14:15	0	46	20	2	1	0	0	0	0	0	0	0	0	3	72
14:30	1	36	13	0	12	0	0	0	0	0	0	0	0	2	64
14:45	0	46	20	1	9	1	0	2	0	0	0	0	0	1	80
	2	183	76	3	31	1	0	3	1	0	0	0	0	6	306
15:00	0	54	16	2	5	0	1	1	0	1	0	0	0	0	80
15:15	0	39	18	1	4	0	0	1	2	0	0	0	0	7	72
15:30	0	95	38	8	8	0	0	2	1	0	0	0	0	3	155
15:45	0	80	26	4	15	2	0	1	1	0	0	0	0	2	131
	0	268	98	15	32	2	1	5	4	1	0	0	0	12	438
16:00	0	80	28	2	7	0	0	0	0	0	0	0	0	3	120
16:15	0	85	26	0	7	1	0	1	2	0	0	0	0	2	124
16:30	0	74	26	1	11	0	0	2	0	0	0	0	0	2	116
16:45	0	76	37	1	10	0	0	1	1	0	0	0	0	8	134
	0	315	117	4	35	1	0	4	3	0	0	0	0	15	494
17:00	0	97	32	1	11	2	0	1	0	0	0	0	0	4	148
17:15	0	107	33	0	14	1	0	1	0	0	0	0	0	2	158
17:30	0	100	34	1	15	0	0	1	0	0	0	0	0	6	157
17:45	0	100	30	0	10	0	0	0	1	0	0	0	0	3	144
	0	404	129	2	50	3	0	3	1	0	0	0	0	15	607
18:00	1	85	29	0	10	0	0	1	0	0	0	0	0	5	131
18:15	0	70	20	0	9	0	0	1	1	0	0	0	0	4	105
18:30	0	80	26	0	10	0	0	0	0	0	0	0	0	0	116
18:45	1	56	18	0	5	0	0	1	0	0	0	0	0	3	84
	2	291	93	0	34	0	0	3	1	0	0	0	0	12	436
19:00	0	56	17	0	5	0	0	0	0	0	0	0	0	1	79
19:15	0	39	14	1	4	0	0	3	0	0	0	0	0	0	61
19:30	0	57	9	0	7	0	0	0	0	0	0	0	0	0	73
19:45	0	44	11	0	3	0	0	0	0	0	0	0	0	0	58
	0	196	51	1	19	0	0	3	0	0	0	0	0	1	271
20:00	0	43	10	0	4	0	0	0	0	0	0	0	0	1	58
20:15	0	38	7	0	2	0	0	0	0	0	0	0	0	0	47
20:30	0	24	6	0	0	0	0	0	0	0	0	0	0	0	30
20:45	0	33	9	0	0	0	0	0	0	0	0	0	0	0	42
	0	138	32	0	6	0	0	0	0	0	0	0	0	1	177
21:00	0	33	8	0	4	0	0	0	1	0	0	0	0	0	46
21:15	0	28	8	1	2	0	0	0	0	0	0	0	0	1	40
21:30	0	35	8	0	2	0	0	0	0	0	0	0	0	0	45
21:45	0	20	6	0	2	0	0	0	0	0	0	0	0	1	29
	0	116	30	1	10	0	0	0	1	0	0	0	0	2	160
22:00	0	20	6	0	1	0	0	0	0	0	0	0	0	1	28
22:15	0	16	4	0	1	0	0	0	0	0	0	0	0	0	21
22:30	0	17	6	0	0	0	0	0	0	0	0	0	0	0	23
22:45	0	7	3	0	1	0	0	0	1	0	0	0	0	0	12
	0	60	19	0	3	0	0	0	1	0	0	0	0	1	84
23:00	0	22	3	0	0	0	0	0	0	0	0	0	0	0	25
23:15	0	13	0	0	1	0	0	0	0	0	0	0	0	0	14
23:30	0	15	5	0	1	0	0	0	0	0	0	0	0	0	21
23:45	0	11	5	0	3	0	0	0	1	0	0	0	0	0	20
	0	61	13	0	5	0	0	0	1	0	0	0	0	0	80
Total	4	2283	759	32	251	12	2	27	15	1	0	0	0	79	3465
Percent	0.1%	65.9%	21.9%	0.9%	7.2%	0.3%	0.1%	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	2.3%	
Grand Total	15	5844	1937	99	678	41	4	70	100	3	0	0	1	249	9041
Percent	0.2%	64.6%	21.4%	1.1%	7.5%	0.5%	0.0%	0.8%	1.1%	0.0%	0.0%	0.0%	0.0%	2.8%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/06/15															
00:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
00:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
01:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
02:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	0	2	5	0	0	0	0	0	1	0	0	0	0	0	8
02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
03:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03:30	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3
03:45	0	5	2	1	0	0	0	0	1	0	0	0	0	0	9
04:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	0	10	5	2	0	0	0	0	1	0	0	0	0	0	18
04:15	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
04:30	0	12	6	0	1	0	0	0	0	0	0	0	0	0	19
04:45	0	14	2	0	1	0	0	0	0	0	0	0	0	0	17
05:00	0	17	3	0	0	0	0	0	0	0	0	0	0	0	20
	0	47	14	0	2	0	0	0	0	0	0	0	0	0	63
05:15	0	31	6	0	2	0	0	0	0	0	0	0	0	0	39
05:30	0	36	14	0	0	0	0	0	0	0	0	0	0	0	50
05:45	0	41	27	0	1	0	0	0	0	0	0	0	0	0	69
06:00	0	43	11	1	3	0	0	0	0	0	0	0	0	0	58
	0	151	58	1	6	0	0	0	0	0	0	0	0	0	216
06:15	0	54	23	2	7	0	0	1	1	0	0	0	0	0	88
06:30	0	79	29	0	5	1	0	3	1	0	0	0	0	0	118
06:45	0	99	33	1	8	0	0	0	0	0	0	0	0	3	144
07:00	0	100	31	3	3	1	0	1	0	0	0	0	0	4	143
	0	332	116	6	23	2	0	5	2	0	0	0	0	7	493
07:15	1	106	39	1	4	0	0	1	0	0	0	0	0	4	156
07:30	0	127	32	1	9	1	0	1	3	0	0	0	0	3	177
07:45	0	158	42	0	6	1	0	0	1	0	0	0	0	2	210
08:00	2	151	41	1	10	3	0	1	1	0	0	0	0	4	214
	3	542	154	3	29	5	0	3	5	0	0	0	0	13	757
08:15	0	132	35	5	8	0	0	3	1	2	0	0	0	10	196
08:30	1	107	34	0	0	0	0	3	2	0	0	0	0	6	153
08:45	0	50	15	0	4	0	0	1	0	0	0	0	0	2	72
09:00	0	52	12	1	2	0	0	2	1	0	0	0	0	2	72
	1	341	96	6	14	0	0	9	4	2	0	0	0	20	493
09:15	0	41	15	1	1	1	0	1	3	0	0	0	0	0	63
09:30	0	41	11	1	3	0	0	0	1	0	0	0	0	1	58
09:45	0	38	18	0	4	1	0	1	2	0	0	0	0	0	64
10:00	1	45	12	1	3	0	0	1	1	0	0	0	0	0	64
	1	165	56	3	11	2	0	3	7	0	0	0	0	1	249
10:15	0	25	12	0	3	0	0	0	3	0	0	0	0	0	43
10:30	0	39	13	0	3	0	0	0	2	0	0	0	0	0	57
10:45	0	43	13	0	5	1	0	0	1	0	0	0	0	0	63
11:00	0	34	14	2	4	0	0	0	1	0	0	0	0	1	56
	0	141	52	2	15	1	0	0	7	0	0	0	0	1	219
11:15	0	32	16	0	2	0	0	0	1	1	0	0	0	0	52
11:30	0	31	16	0	2	0	0	1	1	0	0	0	0	0	51
11:45	0	39	16	1	0	0	0	0	1	0	0	0	0	3	60
	0	36	12	0	4	0	0	0	3	1	0	0	0	1	57
	0	138	60	1	8	0	0	1	6	2	0	0	0	4	220
Total	5	1878	622	24	108	10	0	21	33	4	0	0	0	46	2751
Percent	0.2%	68.3%	22.6%	0.9%	3.9%	0.4%	0.0%	0.8%	1.2%	0.1%	0.0%	0.0%	0.0%	1.7%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	31	15	0	3	1	0	1	0	0	0	0	0	2	53
12:15	0	25	15	1	2	0	0	1	3	0	0	0	0	0	47
12:30	0	30	13	0	3	0	0	0	0	0	0	0	0	2	48
12:45	0	35	14	0	2	2	0	1	2	0	0	0	0	0	56
	0	121	57	1	10	3	0	3	5	0	0	0	0	4	204
13:00	0	29	11	0	1	0	0	0	2	0	0	0	0	1	44
13:15	0	25	14	0	3	0	0	1	3	0	0	0	0	0	46
13:30	0	37	14	2	2	2	0	0	1	0	0	0	0	2	60
13:45	0	39	16	0	2	1	0	0	0	0	0	0	0	3	61
	0	130	55	2	8	3	0	1	6	0	0	0	0	6	211
14:00	0	33	9	3	5	1	0	1	1	0	0	0	0	1	54
14:15	0	36	19	0	4	1	0	3	2	0	0	0	0	1	66
14:30	0	34	19	0	2	1	0	1	1	0	0	0	0	1	59
14:45	0	62	19	2	3	1	0	0	2	0	0	0	1	2	92
	0	165	66	5	14	4	0	5	6	0	0	0	1	5	271
15:00	0	31	8	4	2	0	0	0	1	0	0	0	0	1	47
15:15	0	48	22	4	5	0	0	0	2	0	0	0	0	2	83
15:30	0	55	19	0	0	1	0	0	1	0	0	0	0	6	82
15:45	0	38	10	1	3	1	0	0	1	0	0	0	0	0	54
	0	172	59	9	10	2	0	0	5	0	0	0	0	9	266
16:00	0	28	13	1	4	1	0	0	1	0	0	0	0	2	50
16:15	0	35	19	0	2	0	0	1	1	0	0	0	0	2	60
16:30	0	31	15	1	2	1	0	0	0	0	0	0	0	1	51
16:45	1	51	12	2	3	0	0	0	3	0	0	0	0	3	75
	1	145	59	4	11	2	0	1	5	0	0	0	0	8	236
17:00	1	48	17	2	3	1	0	0	0	0	0	0	0	3	75
17:15	0	50	13	1	4	0	0	1	0	0	0	0	0	3	72
17:30	0	56	12	0	1	1	0	1	0	0	0	0	0	1	72
17:45	0	43	19	0	0	0	0	0	1	0	0	0	0	4	67
	1	197	61	3	8	2	0	2	1	0	0	0	0	11	286
18:00	0	33	15	0	3	0	0	0	0	0	0	0	0	3	54
18:15	0	49	13	0	1	0	0	0	0	0	0	0	0	3	66
18:30	0	32	6	0	2	0	0	0	0	0	0	0	0	1	41
18:45	0	24	9	0	0	0	0	0	0	0	0	0	0	0	33
	0	138	43	0	6	0	0	0	0	0	0	0	0	7	194
19:00	0	18	5	0	3	0	0	0	0	0	0	0	0	0	26
19:15	0	18	7	0	1	0	0	0	0	0	0	0	0	5	31
19:30	0	21	6	1	0	0	0	1	0	0	0	0	0	0	29
19:45	0	23	3	0	0	0	0	0	0	0	0	0	0	2	28
	0	80	21	1	4	0	0	1	0	0	0	0	0	7	114
20:00	0	16	2	0	0	0	0	0	0	0	0	0	0	0	18
20:15	0	9	8	0	1	0	0	0	0	0	0	0	0	1	19
20:30	0	17	7	0	0	0	0	1	0	0	0	0	0	0	25
20:45	0	18	3	0	0	0	0	0	0	0	0	0	0	0	21
	0	60	20	0	1	0	0	1	0	0	0	0	0	1	83
21:00	0	11	2	0	1	0	0	0	0	0	0	0	0	0	14
21:15	0	10	2	0	1	0	0	0	0	0	0	0	0	0	13
21:30	0	20	6	0	1	0	0	0	0	0	0	0	0	0	27
21:45	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
	0	51	12	0	3	0	0	0	0	0	0	0	0	0	66
22:00	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
22:15	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
22:30	0	20	3	0	0	0	0	0	0	0	0	0	0	0	23
22:45	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	0	42	12	0	0	0	0	0	0	0	0	0	0	0	54
23:00	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
23:15	0	1	7	0	0	0	0	0	0	0	0	0	0	0	8
23:30	0	6	0	1	0	0	0	0	0	0	0	0	0	0	7
23:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	0	14	10	1	0	0	0	0	0	0	0	0	0	0	25
Total	2	1315	475	26	75	16	0	14	28	0	0	0	1	58	2010
Percent	0.1%	65.4%	23.6%	1.3%	3.7%	0.8%	0.0%	0.7%	1.4%	0.0%	0.0%	0.0%	0.0%	2.9%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/07/15															
00:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	0	3	2	0	1	0	0	0	0	0	0	0	0	0	6
01:00	0	6	3	0	1	0	0	0	2	0	0	0	0	0	12
01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:45	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
02:00	0	5	3	0	0	0	0	0	1	0	0	0	0	0	9
02:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
02:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	2	1	0	0	0	0	1	0	0	0	0	0	6
03:15	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4
03:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
03:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	12	3	1	0	0	0	0	0	0	0	0	0	0	16
04:15	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
04:30	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
04:45	0	13	7	0	0	0	0	0	0	0	0	0	0	0	20
	0	14	4	0	0	0	0	0	0	0	0	0	0	0	18
05:00	0	35	19	0	1	0	0	0	0	0	0	0	0	0	55
05:15	0	19	8	0	2	0	0	0	0	0	0	0	0	1	30
05:30	0	31	12	0	0	0	0	0	0	0	0	0	0	0	43
05:45	0	48	23	1	2	0	0	0	0	0	0	0	0	0	74
	0	34	17	1	2	0	0	2	1	0	0	0	0	0	57
06:00	0	132	60	2	6	0	0	2	1	0	0	0	0	1	204
06:15	0	66	26	2	5	0	0	0	1	0	0	0	0	0	100
06:30	0	87	25	0	8	1	0	0	0	0	0	0	0	2	123
06:45	1	87	27	1	6	0	0	0	1	0	0	0	0	0	123
	0	113	37	2	8	1	0	1	2	0	0	0	0	2	166
07:00	1	353	115	5	27	2	0	1	4	0	0	0	0	4	512
07:15	0	115	30	0	3	0	0	1	0	0	0	0	0	1	150
07:30	1	121	36	2	11	0	0	1	0	0	0	0	0	1	173
07:45	2	147	43	0	7	1	0	0	0	0	0	0	0	0	200
	0	117	38	1	7	1	0	2	2	1	0	0	0	6	175
08:00	3	500	147	3	28	2	0	4	2	1	0	0	0	8	698
08:15	0	149	44	7	6	1	0	3	3	0	0	0	0	5	218
08:30	0	94	30	0	3	2	0	3	1	0	0	0	0	5	138
08:45	0	61	12	0	2	0	0	2	2	0	0	0	0	1	80
	0	55	21	1	3	2	0	1	2	0	0	0	0	2	87
09:00	0	359	107	8	14	5	0	9	8	0	0	0	0	13	523
09:15	0	44	11	0	8	0	0	1	4	0	0	0	0	1	69
09:30	0	40	15	3	5	0	0	2	1	0	0	0	0	1	67
09:45	0	27	14	2	4	0	0	0	0	0	0	0	0	2	49
	0	36	15	0	2	0	0	0	3	0	0	0	0	3	59
10:00	0	147	55	5	19	0	0	3	8	0	0	0	0	7	244
10:15	0	40	12	0	7	3	0	1	4	0	0	0	0	0	67
10:30	0	23	15	1	5	0	0	0	0	0	0	0	0	1	45
10:45	0	38	19	0	2	1	0	1	1	0	0	0	0	1	63
	0	25	9	0	5	0	0	0	0	0	0	0	0	0	39
11:00	0	126	55	1	19	4	0	2	5	0	0	0	0	2	214
11:15	0	33	11	0	2	0	0	0	1	0	0	0	0	2	49
11:30	0	32	13	1	2	1	0	0	2	0	0	0	0	1	52
11:45	0	32	16	1	0	0	0	0	2	0	0	0	0	0	51
	0	32	10	0	3	0	0	0	1	0	0	0	0	1	47
	0	129	50	2	7	1	0	0	6	0	0	0	0	4	199
Total	4	1806	619	28	122	14	0	21	38	1	0	0	0	39	2692
Percent	0.1%	67.1%	23.0%	1.0%	4.5%	0.5%	0.0%	0.8%	1.4%	0.0%	0.0%	0.0%	0.0%	1.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	41	9	0	6	0	0	0	2	0	0	0	0	4	62
12:15	0	28	15	0	3	0	0	0	1	0	0	0	0	1	48
12:30	1	36	12	0	0	0	0	0	0	0	0	0	0	1	50
12:45	0	25	7	3	1	0	0	1	2	0	0	0	0	0	39
	1	130	43	3	10	0	0	1	5	0	0	0	0	6	199
13:00	1	34	9	0	2	0	0	3	3	0	0	0	0	1	53
13:15	1	32	12	0	0	1	0	1	1	0	0	0	0	2	50
13:30	0	34	9	0	1	0	0	0	4	0	0	0	0	0	48
13:45	0	34	10	2	1	0	0	0	1	0	0	0	0	2	50
	2	134	40	2	4	1	0	4	9	0	0	0	0	5	201
14:00	1	41	13	0	2	1	0	1	1	0	0	0	0	3	63
14:15	1	38	17	1	4	1	0	0	0	0	0	0	0	1	63
14:30	0	48	18	1	3	0	0	0	1	0	0	0	0	4	75
14:45	1	52	14	2	3	0	0	0	0	0	0	0	0	1	73
	3	179	62	4	12	2	0	1	2	0	0	0	0	9	274
15:00	0	28	10	2	1	0	0	0	1	0	0	0	0	2	44
15:15	1	65	27	2	6	1	0	1	0	0	0	0	0	6	109
15:30	0	69	17	0	4	0	0	1	1	0	0	0	0	3	95
15:45	1	41	14	0	5	0	0	0	0	0	0	0	0	5	66
	2	203	68	4	16	1	0	2	2	0	0	0	0	16	314
16:00	0	39	14	3	2	1	0	2	1	0	0	0	0	4	66
16:15	0	32	12	2	1	0	0	0	2	0	0	0	0	1	50
16:30	0	47	12	1	2	1	0	0	1	0	0	0	0	5	69
16:45	0	41	14	4	1	0	0	1	1	0	0	0	0	8	70
	0	159	52	10	6	2	0	3	5	0	0	0	0	18	255
17:00	1	57	13	2	3	0	0	0	0	0	0	0	0	4	80
17:15	0	39	10	1	2	0	0	1	1	0	0	0	0	2	56
17:30	0	48	21	1	3	0	0	0	1	0	0	0	0	7	81
17:45	0	40	12	0	3	1	0	0	0	0	0	0	0	2	58
	1	184	56	4	11	1	0	1	2	0	0	0	0	15	275
18:00	1	33	12	0	2	1	0	0	0	0	0	0	0	5	54
18:15	0	47	13	0	3	0	0	0	0	0	0	0	0	4	67
18:30	0	24	9	0	0	0	0	0	0	0	0	0	0	1	34
18:45	0	30	5	0	3	1	0	0	0	0	0	0	0	1	40
	1	134	39	0	8	2	0	0	0	0	0	0	0	11	195
19:00	0	18	3	0	0	1	0	0	0	0	0	0	0	1	23
19:15	0	23	6	0	1	0	0	1	0	0	0	0	0	0	31
19:30	0	22	5	0	0	0	0	0	1	0	0	0	0	0	28
19:45	0	20	4	0	0	0	0	0	0	0	0	0	0	0	24
	0	83	18	0	1	1	0	1	1	0	0	0	0	1	106
20:00	0	32	5	0	1	0	0	0	0	0	0	0	0	1	39
20:15	0	12	6	0	2	0	0	0	0	0	0	0	0	0	20
20:30	0	14	5	0	1	0	0	0	0	0	0	0	0	0	20
20:45	0	15	4	0	0	0	0	0	0	0	0	0	0	0	19
	0	73	20	0	4	0	0	0	0	0	0	0	0	1	98
21:00	0	14	7	0	0	0	0	0	0	0	0	0	0	0	21
21:15	0	20	4	0	0	0	0	0	0	0	0	0	0	0	24
21:30	0	10	4	0	1	0	0	0	0	0	0	0	0	0	15
21:45	0	11	3	0	0	0	0	0	0	0	0	0	0	1	15
	0	55	18	0	1	0	0	0	0	0	0	0	0	1	75
22:00	0	10	6	0	0	0	0	0	0	0	0	0	0	1	17
22:15	0	14	3	0	0	0	0	0	0	0	0	0	0	0	17
22:30	0	14	5	0	0	0	0	0	0	0	0	0	0	0	19
22:45	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	0	44	14	0	0	0	0	0	0	0	0	0	0	1	59
23:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
23:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
23:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	0	9	2	0	1	0	0	0	0	0	0	0	0	0	12
Total	10	1387	432	27	74	10	0	13	26	0	0	0	0	84	2063
Percent	0.5%	67.2%	20.9%	1.3%	3.6%	0.5%	0.0%	0.6%	1.3%	0.0%	0.0%	0.0%	0.0%	4.1%	
Grand Total	21	6386	2148	105	379	50	0	69	125	5	0	0	1	227	9516
Percent	0.2%	67.1%	22.6%	1.1%	4.0%	0.5%	0.0%	0.7%	1.3%	0.1%	0.0%	0.0%	0.0%	2.4%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/06/15															
	0	10	1	0	0	0	0	0	0	0	0	0	0	0	11
00:15	0	11	3	0	1	0	0	0	1	0	0	0	0	0	16
00:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
00:45	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	0	27	8	0	1	0	0	0	1	0	0	0	0	0	37
01:00	0	6	3	0	1	0	0	0	0	0	0	0	0	0	10
01:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
01:30	0	6	2	0	0	0	0	0	1	0	0	0	0	0	9
01:45	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	0	19	9	0	1	0	0	0	1	0	0	0	0	0	30
02:00	0	2	1	1	1	0	0	0	0	0	0	0	0	0	5
02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
02:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	0	11	5	1	1	0	0	0	0	0	0	0	0	0	18
03:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
03:15	0	4	1	1	0	0	0	0	0	0	0	0	0	0	6
03:30	0	5	3	1	1	0	0	0	1	0	0	0	0	0	11
03:45	0	6	2	0	1	0	0	0	0	0	0	0	0	0	9
	0	18	9	2	2	0	0	0	1	0	0	0	0	0	32
04:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
04:15	0	14	7	0	1	0	0	0	0	0	0	0	0	0	22
04:30	0	16	3	0	1	0	0	0	0	0	0	0	0	0	20
04:45	0	20	4	0	0	0	0	0	0	0	0	0	0	0	24
	0	55	17	0	2	0	0	0	0	0	0	0	0	0	74
05:00	0	32	7	1	2	0	0	0	1	0	0	0	0	0	43
05:15	0	42	15	0	0	0	0	0	1	0	0	0	0	0	58
05:30	0	44	28	0	1	0	0	0	0	0	0	0	0	0	73
05:45	0	49	13	2	3	0	0	0	1	0	0	0	0	0	68
	0	167	63	3	6	0	0	0	3	0	0	0	0	0	242
06:00	0	66	24	2	8	2	0	1	1	0	0	0	0	0	104
06:15	0	90	35	1	12	1	0	3	3	0	0	0	0	1	146
06:30	0	114	39	2	8	0	0	0	3	0	0	0	0	4	170
06:45	0	118	36	5	4	1	0	1	0	0	0	0	0	7	172
	0	388	134	10	32	4	0	5	7	0	0	0	0	12	592
07:00	2	128	46	4	4	0	0	1	1	0	0	0	0	12	198
07:15	0	156	42	1	13	1	0	1	4	0	0	0	0	8	226
07:30	0	182	47	3	7	1	0	1	1	0	0	0	0	4	246
07:45	2	192	44	2	15	3	0	2	1	0	0	0	0	12	273
	4	658	179	10	39	5	0	5	7	0	0	0	0	36	943
08:00	0	176	46	5	11	1	0	3	1	3	0	0	0	16	262
08:15	2	147	47	2	8	1	0	4	2	0	0	0	0	11	224
08:30	1	90	27	1	13	2	0	1	0	0	0	0	0	3	138
08:45	0	71	23	1	6	0	0	2	2	0	0	0	0	4	109
	3	484	143	9	38	4	0	10	5	3	0	0	0	34	733
09:00	0	61	20	1	2	1	0	1	3	0	0	0	0	0	89
09:15	0	56	16	2	7	0	0	1	3	0	0	0	0	3	88
09:30	0	62	24	0	7	2	0	2	2	0	0	0	0	2	101
09:45	1	64	19	2	5	0	0	2	4	0	0	0	0	1	98
	1	243	79	5	21	3	0	6	12	0	0	0	0	6	376
10:00	0	49	18	0	5	0	0	1	6	1	0	0	0	2	82
10:15	0	57	29	0	3	0	0	0	2	0	0	0	0	0	91
10:30	0	67	20	0	10	1	0	0	2	0	0	0	0	0	100
10:45	0	59	24	3	8	0	0	0	3	0	0	0	0	3	100
	0	232	91	3	26	1	0	1	13	1	0	0	0	5	373
11:00	0	55	27	1	7	0	0	1	3	1	0	0	0	0	95
11:15	0	57	25	0	8	0	0	1	1	0	0	0	0	0	92
11:30	0	58	23	3	4	0	0	0	1	0	0	0	0	5	94
11:45	0	64	29	1	9	0	0	0	4	1	0	0	0	2	110
	0	234	104	5	28	0	0	2	9	2	0	0	0	7	391
Total	8	2536	841	48	197	17	0	29	59	6	0	0	0	100	3841
Percent	0.2%	66.0%	21.9%	1.2%	5.1%	0.4%	0.0%	0.8%	1.5%	0.2%	0.0%	0.0%	0.0%	2.6%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	1	67	23	1	9	1	0	1	1	0	0	0	0	4	108
12:15	0	52	24	1	2	0	0	2	5	0	0	0	0	0	86
12:30	0	45	19	0	7	1	0	1	1	0	0	0	0	4	78
12:45	0	73	22	0	7	2	0	2	3	0	0	0	0	0	109
	1	237	88	2	25	4	0	6	10	0	0	0	0	8	381
13:00	0	67	30	2	7	0	0	1	2	0	0	0	0	2	111
13:15	0	60	32	0	7	0	0	2	4	0	0	0	0	0	105
13:30	1	64	29	2	6	4	0	1	1	0	0	0	0	5	113
13:45	0	80	40	1	6	1	0	1	1	0	0	0	0	7	137
	1	271	131	5	26	5	0	5	8	0	0	0	0	14	466
14:00	0	82	23	3	12	1	0	2	1	0	0	0	0	3	127
14:15	0	75	41	1	10	1	0	4	3	0	0	0	0	3	138
14:30	0	80	28	0	5	2	0	2	4	0	0	0	0	4	125
14:45	0	103	41	3	9	1	0	0	3	0	0	0	1	5	166
	0	340	133	7	36	5	0	8	11	0	0	0	1	15	556
15:00	0	82	20	5	7	0	0	1	3	0	0	0	0	3	121
15:15	0	92	51	6	12	1	1	0	5	0	0	0	0	3	171
15:30	1	137	48	4	7	1	0	1	1	0	0	0	0	16	216
15:45	0	116	35	4	11	1	0	2	3	0	0	0	0	1	173
	1	427	154	19	37	3	1	4	12	0	0	0	0	23	681
16:00	0	115	38	3	10	1	0	2	1	0	0	0	0	5	175
16:15	1	117	41	0	5	2	0	1	1	0	0	0	0	5	173
16:30	0	115	44	1	11	2	0	0	1	0	0	0	0	2	176
16:45	1	147	47	2	16	0	0	1	4	0	0	0	0	8	226
	2	494	170	6	42	5	0	4	7	0	0	0	0	20	750
17:00	1	160	46	4	13	2	0	2	0	0	0	0	0	7	235
17:15	0	162	47	1	16	0	0	2	1	0	0	0	0	6	235
17:30	0	167	45	0	14	2	0	3	0	0	0	0	0	5	236
17:45	0	127	44	1	12	1	1	1	1	0	0	0	0	4	192
	1	616	182	6	55	5	1	8	2	0	0	0	0	22	898
18:00	0	146	40	1	10	0	0	1	1	0	0	0	1	6	206
18:15	0	119	29	0	16	0	0	0	0	0	0	0	0	6	170
18:30	1	111	27	1	13	0	0	0	1	0	0	0	0	3	157
18:45	0	80	30	1	3	1	0	1	0	0	0	0	0	0	116
	1	456	126	3	42	1	0	2	2	0	0	0	1	15	649
19:00	0	59	21	0	5	0	0	1	1	0	0	0	0	0	87
19:15	0	57	23	1	7	1	0	2	0	0	0	0	0	5	96
19:30	1	61	17	1	4	0	0	1	0	0	0	0	0	0	85
19:45	0	58	14	0	5	0	0	0	0	0	0	0	0	3	80
	1	235	75	2	21	1	0	4	1	0	0	0	0	8	348
20:00	0	60	14	0	7	0	0	0	1	0	0	0	0	0	82
20:15	0	46	15	0	7	0	0	0	0	0	0	0	0	2	70
20:30	0	51	18	0	1	0	0	1	0	0	0	0	0	0	71
20:45	0	38	14	0	0	0	0	0	0	0	0	0	0	0	52
	0	195	61	0	15	0	0	1	1	0	0	0	0	2	275
21:00	0	46	12	0	6	0	0	0	0	0	0	0	0	0	64
21:15	0	28	8	1	4	0	0	0	0	0	0	0	0	0	41
21:30	0	46	16	0	4	0	0	0	0	0	0	0	0	0	66
21:45	0	29	3	0	0	0	0	0	0	0	0	0	0	0	32
	0	149	39	1	14	0	0	0	0	0	0	0	0	0	203
22:00	0	19	11	0	1	0	0	0	1	0	0	0	0	0	32
22:15	0	24	9	0	0	0	0	0	1	0	0	0	0	0	34
22:30	0	37	9	0	1	0	0	0	0	0	0	0	0	0	47
22:45	0	16	5	0	1	0	0	0	0	0	0	0	0	0	22
	0	96	34	0	3	0	0	0	2	0	0	0	0	0	135
23:00	0	22	5	0	0	0	0	0	0	0	0	0	0	0	27
23:15	0	12	12	0	1	0	0	0	0	0	0	0	0	0	25
23:30	0	21	3	1	0	0	0	0	0	0	0	0	0	0	25
23:45	0	12	4	0	0	0	0	0	0	0	0	0	0	0	16
	0	67	24	1	1	0	0	0	0	0	0	0	0	0	93
Total	8	3583	1217	52	317	29	2	42	56	0	0	0	2	127	5435
Percent	0.1%	65.9%	22.4%	1.0%	5.8%	0.5%	0.0%	0.8%	1.0%	0.0%	0.0%	0.0%	0.0%	2.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
01/07/15															
00:15	0	11	3	0	1	0	0	0	1	0	0	0	0	0	16
00:30	0	5	2	0	2	0	0	0	0	0	0	0	0	0	9
00:45	0	8	4	0	1	0	0	0	1	0	0	0	0	0	14
01:00	0	8	3	0	1	0	0	0	1	0	0	0	0	0	13
01:15	0	32	12	0	5	0	0	0	3	0	0	0	0	0	52
01:30	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
01:45	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	6
02:15	0	5	1	0	1	0	0	0	1	0	0	0	0	0	8
02:30	0	15	5	0	2	0	0	0	1	0	0	0	0	0	23
02:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
03:15	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
03:30	0	3	2	1	1	0	0	0	0	0	0	0	0	0	7
03:45	0	10	3	1	1	0	0	0	1	0	0	0	0	0	16
04:00	0	6	2	1	0	0	0	0	1	0	0	0	0	0	10
04:15	0	5	2	0	0	0	0	0	1	0	0	0	0	0	8
04:30	0	7	1	0	2	0	0	0	0	0	0	0	0	0	10
04:45	0	4	3	0	1	0	0	0	0	0	0	0	0	0	8
05:00	0	22	8	1	3	0	0	0	2	0	0	0	0	0	36
05:15	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
05:30	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
05:45	0	15	9	0	0	0	0	0	1	0	0	0	0	0	25
06:00	0	16	4	0	0	0	0	0	0	0	0	0	0	0	20
06:15	0	39	21	0	1	0	0	0	1	0	0	0	0	0	62
06:30	0	20	8	0	2	1	0	1	0	0	0	0	0	1	33
06:45	0	34	13	0	0	0	0	0	0	0	0	0	0	0	47
07:00	0	53	23	1	2	0	0	0	0	0	0	0	0	0	79
07:15	0	38	20	1	4	1	0	2	1	0	0	0	0	2	69
07:30	0	145	64	2	8	2	0	3	1	0	0	0	0	3	228
07:45	0	79	27	2	7	0	0	0	1	0	0	0	0	1	117
08:00	0	100	26	1	12	1	0	0	1	0	0	0	0	6	147
08:15	1	98	32	2	8	0	0	0	5	0	0	0	0	1	147
08:30	0	127	45	7	11	1	0	1	2	0	0	0	0	4	198
08:45	1	404	130	12	38	2	0	1	9	0	0	0	0	12	609
09:00	0	145	31	2	6	0	0	1	2	0	0	0	0	5	192
09:15	1	151	44	3	14	1	0	1	1	0	0	0	0	5	221
09:30	2	174	49	1	8	1	0	1	2	0	0	0	0	3	241
09:45	0	152	47	2	9	1	0	3	2	1	0	0	0	12	229
10:00	3	622	171	8	37	3	0	6	7	1	0	0	0	25	883
10:15	1	178	52	7	10	1	0	3	4	0	0	0	0	10	266
10:30	0	140	41	1	8	2	0	4	2	0	0	0	0	7	205
10:45	0	89	22	2	6	0	0	2	3	0	0	0	0	1	125
11:00	0	70	25	1	10	2	0	1	2	0	0	0	0	3	114
11:15	1	477	140	11	34	5	0	10	11	0	0	0	0	21	710
11:30	1	72	18	0	13	0	0	1	5	0	0	0	0	1	111
11:45	0	57	28	3	6	0	0	3	2	0	0	0	0	2	101
	0	44	26	2	9	1	0	1	1	0	0	0	0	3	87
	0	63	25	0	8	1	0	0	3	0	0	0	0	3	103
	1	236	97	5	36	2	0	5	11	0	0	0	0	9	402
	0	61	16	1	8	3	0	1	4	0	0	0	0	1	95
	0	37	26	1	9	0	0	1	0	0	0	0	0	2	76
	0	61	26	0	5	2	0	1	3	0	0	0	0	3	101
	0	52	21	0	10	0	0	0	2	0	0	0	0	0	85
	0	211	89	2	32	5	0	3	9	0	0	0	0	6	357
	0	52	18	0	4	1	0	0	3	0	0	0	0	3	81
	0	55	29	2	6	1	0	0	4	0	0	0	0	2	99
	0	51	26	1	1	1	0	0	2	0	0	0	0	3	85
	0	70	23	0	10	1	0	0	4	0	0	0	0	2	110
	0	228	96	3	21	4	0	0	13	0	0	0	0	10	375
Total	6	2441	836	45	218	23	0	28	69	1	0	0	0	86	3753
Percent	0.2%	65.0%	22.3%	1.2%	5.8%	0.6%	0.0%	0.7%	1.8%	0.0%	0.0%	0.0%	0.0%	2.3%	

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
12 PM	0	64	19	1	9	0	0	0	2	0	0	0	0	6	101
12:15	0	53	29	1	5	0	0	1	1	0	0	0	0	1	91
12:30	1	74	23	0	4	1	1	0	0	0	0	0	0	3	107
12:45	0	57	20	4	5	0	0	2	3	0	0	0	0	2	93
	1	248	91	6	23	1	1	3	6	0	0	0	0	12	392
13:00	1	61	20	3	5	1	0	3	3	0	0	0	0	5	102
13:15	1	66	34	0	6	3	0	4	1	0	0	0	0	2	117
13:30	0	67	14	0	4	0	0	1	4	0	0	0	0	1	91
13:45	0	73	25	2	2	1	0	0	2	0	0	0	0	5	110
	2	267	93	5	17	5	0	8	10	0	0	0	0	13	420
14:00	2	96	36	0	11	1	0	2	2	0	0	0	0	3	153
14:15	1	84	37	3	5	1	0	0	0	0	0	0	0	4	135
14:30	1	84	31	1	15	0	0	0	1	0	0	0	0	6	139
14:45	1	98	34	3	12	1	0	2	0	0	0	0	0	2	153
	5	362	138	7	43	3	0	4	3	0	0	0	0	15	580
15:00	0	82	26	4	6	0	1	1	1	1	0	0	0	2	124
15:15	1	104	45	3	10	1	0	2	2	0	0	0	0	13	181
15:30	0	164	55	8	12	0	0	3	2	0	0	0	0	6	250
15:45	1	121	40	4	20	2	0	1	1	0	0	0	0	7	197
	2	471	166	19	48	3	1	7	6	1	0	0	0	28	752
16:00	0	119	42	5	9	1	0	2	1	0	0	0	0	7	186
16:15	0	117	38	2	8	1	0	1	4	0	0	0	0	3	174
16:30	0	121	38	2	13	1	0	2	1	0	0	0	0	7	185
16:45	0	117	51	5	11	0	0	2	2	0	0	0	0	16	204
	0	474	169	14	41	3	0	7	8	0	0	0	0	33	749
17:00	1	154	45	3	14	2	0	1	0	0	0	0	0	8	228
17:15	0	146	43	1	16	1	0	2	1	0	0	0	0	4	214
17:30	0	148	55	2	18	0	0	1	1	0	0	0	0	13	238
17:45	0	140	42	0	13	1	0	0	1	0	0	0	0	5	202
	1	588	185	6	61	4	0	4	3	0	0	0	0	30	882
18:00	2	118	41	0	12	1	0	1	0	0	0	0	0	10	185
18:15	0	117	33	0	12	0	0	1	1	0	0	0	0	8	172
18:30	0	104	35	0	10	0	0	0	0	0	0	0	0	1	150
18:45	1	86	23	0	8	1	0	1	0	0	0	0	0	4	124
	3	425	132	0	42	2	0	3	1	0	0	0	0	23	631
19:00	0	74	20	0	5	1	0	0	0	0	0	0	0	2	102
19:15	0	62	20	1	5	0	0	4	0	0	0	0	0	0	92
19:30	0	79	14	0	7	0	0	0	1	0	0	0	0	0	101
19:45	0	64	15	0	3	0	0	0	0	0	0	0	0	0	82
	0	279	69	1	20	1	0	4	1	0	0	0	0	2	377
20:00	0	75	15	0	5	0	0	0	0	0	0	0	0	2	97
20:15	0	50	13	0	4	0	0	0	0	0	0	0	0	0	67
20:30	0	38	11	0	1	0	0	0	0	0	0	0	0	0	50
20:45	0	48	13	0	0	0	0	0	0	0	0	0	0	0	61
	0	211	52	0	10	0	0	0	0	0	0	0	0	2	275
21:00	0	47	15	0	4	0	0	0	1	0	0	0	0	0	67
21:15	0	48	12	1	2	0	0	0	0	0	0	0	0	1	64
21:30	0	45	12	0	3	0	0	0	0	0	0	0	0	0	60
21:45	0	31	9	0	2	0	0	0	0	0	0	0	0	2	44
	0	171	48	1	11	0	0	0	1	0	0	0	0	3	235
22:00	0	30	12	0	1	0	0	0	0	0	0	0	0	2	45
22:15	0	30	7	0	1	0	0	0	0	0	0	0	0	0	38
22:30	0	31	11	0	0	0	0	0	0	0	0	0	0	0	42
22:45	0	13	3	0	1	0	0	0	1	0	0	0	0	0	18
	0	104	33	0	3	0	0	0	1	0	0	0	0	2	143
23:00	0	25	4	0	0	0	0	0	0	0	0	0	0	0	29
23:15	0	16	0	0	1	0	0	0	0	0	0	0	0	0	17
23:30	0	16	5	0	2	0	0	0	0	0	0	0	0	0	23
23:45	0	13	6	0	3	0	0	0	1	0	0	0	0	0	23
	0	70	15	0	6	0	0	0	1	0	0	0	0	0	92
Total	14	3670	1191	59	325	22	2	40	41	1	0	0	0	163	5528
Percent	0.3%	66.4%	21.5%	1.1%	5.9%	0.4%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	2.9%	
Grand Total	36	12230	4085	204	1057	91	4	139	225	8	0	0	2	476	18557
Percent	0.2%	65.9%	22.0%	1.1%	5.7%	0.5%	0.0%	0.7%	1.2%	0.0%	0.0%	0.0%	0.0%	2.6%	

Tube Counts: Speed

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
01/06/1															
5	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
00:15	0	2	2	2	0	0	0	0	0	0	0	0	0	0	6
00:30	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3
00:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	0	7	5	3	2	0	0	0	0	0	0	0	0	0	17
01:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
01:15	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	1	1	1	2	0	0	0	0	0	0	0	0	0	0	5
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
02:15	0	0	2	1	0	1	1	0	0	0	0	0	0	0	5
02:30	1	2	2	1	1	1	0	0	0	0	0	0	0	0	8
02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	2	3	5	2	1	2	1	0	0	0	0	0	0	0	16
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
03:30	1	1	1	1	1	0	0	0	0	0	0	0	0	0	5
03:45	1	1	2	3	0	0	0	0	0	0	0	0	0	0	7
	3	2	3	4	2	0	0	0	0	0	0	0	0	0	14
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:15	1	2	4	2	1	0	0	0	0	0	0	0	0	0	10
04:30	5	5	9	4	4	0	0	0	0	0	0	0	0	0	27
04:45	4	5	4	14	4	2	0	0	0	0	0	0	0	0	33
	10	13	18	20	9	2	0	0	0	0	0	0	0	0	72
05:00	7	12	10	8	2	0	0	0	0	0	0	0	0	0	39
05:15	9	11	18	8	5	1	0	0	0	0	0	0	0	0	52
05:30	19	27	28	15	6	3	0	0	0	0	0	0	0	0	98
05:45	19	38	45	27	8	1	0	0	0	0	0	0	0	0	138
	54	88	101	58	21	5	0	0	0	0	0	0	0	0	327
06:00	17	24	10	15	10	1	0	0	0	0	0	0	0	0	77
06:15	25	48	36	16	9	1	0	0	0	0	0	0	0	0	135
06:30	15	32	32	22	8	3	1	1	0	0	0	0	0	0	114
06:45	21	38	42	30	12	0	0	0	0	0	0	0	0	0	143
	78	142	120	83	39	5	1	1	0	0	0	0	0	0	469
07:00	11	17	35	19	8	1	0	0	0	0	0	0	0	0	91
07:15	28	26	27	13	4	1	0	0	0	0	0	0	0	0	99
07:30	21	23	27	22	5	2	0	0	0	0	0	0	0	0	100
07:45	30	57	49	25	2	1	0	0	0	0	0	0	0	0	164
	90	123	138	79	19	5	0	0	0	0	0	0	0	0	454
08:00	17	21	32	30	9	2	3	0	0	0	0	0	0	0	114
08:15	10	31	22	13	4	1	1	0	0	0	0	0	0	0	82
08:30	9	25	26	16	11	3	1	0	0	0	0	0	0	0	91
08:45	12	13	9	20	5	1	1	0	0	0	0	0	0	0	61
	48	90	89	79	29	7	6	0	0	0	0	0	0	0	348
09:00	7	10	12	8	4	5	0	0	0	0	0	0	0	0	46
09:15	4	9	14	9	2	2	0	0	0	0	0	0	0	0	40
09:30	6	13	16	13	3	0	0	0	0	0	0	0	0	0	51
09:45	10	11	14	13	3	0	0	0	0	0	0	0	0	0	51
	27	43	56	43	12	7	0	0	0	0	0	0	0	0	188
10:00	11	11	14	10	1	3	0	0	0	0	0	0	0	0	50
10:15	5	14	16	9	3	3	0	0	0	0	0	0	0	0	50
10:30	12	12	20	17	7	3	0	0	0	0	0	0	0	0	71
10:45	10	8	13	13	9	1	0	0	0	0	0	0	0	0	54
	38	45	63	49	20	10	0	0	0	0	0	0	0	0	225
11:00	11	13	13	8	3	2	0	0	0	0	0	0	0	0	50
11:15	12	11	19	11	7	1	0	0	0	0	0	0	0	0	61
11:30	12	12	26	10	8	3	0	0	0	0	0	0	0	0	71
11:45	17	23	29	23	4	2	0	0	0	0	0	0	0	0	98
	52	59	87	52	22	8	0	0	0	0	0	0	0	0	280
Total	403	616	686	474	176	51	8	1	0	0	0	0	0	0	2415

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	20	17	24	11	6	2	0	0	0	0	0	0	0	0	80
12:15	32	23	31	17	5	1	0	0	0	0	0	0	0	0	109
12:30	12	13	36	34	6	7	2	0	0	0	0	0	0	0	110
12:45	7	21	37	10	9	2	0	0	0	0	0	0	0	0	86
	71	74	128	72	26	12	2	0	0	0	0	0	0	0	385
13:00	6	26	27	8	3	0	0	0	0	0	0	0	0	0	70
13:15	13	8	23	14	3	2	1	0	0	0	0	0	0	0	64
13:30	8	12	22	16	8	0	1	0	0	0	0	0	0	0	67
13:45	14	17	19	16	7	0	0	0	0	0	0	0	0	0	73
	41	63	91	54	21	2	2	0	0	0	0	0	0	0	274
14:00	6	19	29	16	9	0	0	0	0	0	0	0	0	0	79
14:15	39	29	37	17	3	2	0	0	0	0	0	0	0	0	127
14:30	19	23	16	8	5	0	0	0	0	0	0	0	0	0	71
14:45	18	13	11	15	6	2	0	0	0	0	0	0	0	0	65
	82	84	93	56	23	4	0	0	0	0	0	0	0	0	342
15:00	30	13	16	5	3	0	0	0	0	0	0	0	0	0	67
15:15	11	14	25	14	1	0	0	0	0	0	0	0	0	0	65
15:30	19	15	21	7	7	2	0	0	0	0	0	0	0	0	71
15:45	16	22	28	6	7	2	1	0	0	0	0	0	0	0	82
	76	64	90	32	18	4	1	0	0	0	0	0	0	0	285
16:00	19	9	14	13	8	0	0	1	0	0	0	0	0	0	64
16:15	24	10	25	15	6	5	1	0	0	0	0	0	0	0	86
16:30	29	8	21	7	1	1	0	0	0	0	0	0	0	0	67
16:45	25	27	22	15	5	1	0	0	0	0	0	0	0	0	95
	97	54	82	50	20	7	1	1	0	0	0	0	0	0	312
17:00	17	26	20	15	3	1	1	0	0	0	0	0	0	0	83
17:15	23	22	27	18	6	3	0	0	0	0	0	0	0	0	99
17:30	22	19	18	12	10	2	1	1	0	0	0	0	0	0	85
17:45	15	15	20	18	7	1	1	0	0	0	0	0	0	0	77
	77	82	85	63	26	7	3	1	0	0	0	0	0	0	344
18:00	8	13	26	7	6	2	0	0	0	0	0	0	0	0	62
18:15	13	20	25	11	4	2	0	0	0	0	0	0	0	0	75
18:30	16	22	23	14	2	1	0	0	0	0	0	0	0	0	78
18:45	11	11	19	11	3	3	2	0	0	0	0	0	0	0	60
	48	66	93	43	15	8	2	0	0	0	0	0	0	0	275
19:00	9	11	12	10	2	0	2	0	0	0	0	0	0	0	46
19:15	12	6	15	9	2	0	1	0	0	0	0	0	0	0	45
19:30	11	16	11	12	3	0	0	0	0	0	0	0	0	0	53
19:45	5	6	15	4	8	0	2	0	0	0	0	0	0	0	40
	37	39	53	35	15	0	5	0	0	0	0	0	0	0	184
20:00	9	11	8	5	5	0	0	0	0	0	0	0	0	0	38
20:15	10	13	8	7	2	0	0	0	0	0	0	0	0	0	40
20:30	11	10	11	9	3	2	0	0	0	0	0	0	0	0	46
20:45	5	4	9	2	2	2	0	0	0	0	0	0	0	0	24
	35	38	36	23	12	4	0	0	0	0	0	0	0	0	148
21:00	3	6	6	2	1	0	0	0	0	0	0	0	0	0	18
21:15	4	7	10	6	3	0	0	0	0	0	0	0	0	0	30
21:30	3	8	11	2	1	1	0	0	0	0	0	0	0	0	26
21:45	5	4	8	5	3	1	0	0	0	0	0	0	0	0	26
	15	25	35	15	8	2	0	0	0	0	0	0	0	0	100
22:00	6	3	6	4	3	0	0	0	0	0	0	0	0	0	22
22:15	13	15	9	5	2	0	0	0	0	0	0	0	0	0	44
22:30	5	11	26	10	1	3	0	0	0	0	0	0	0	0	56
22:45	5	4	7	9	9	2	1	0	0	0	0	0	0	0	37
	29	33	48	28	15	5	1	0	0	0	0	0	0	0	159
23:00	5	1	4	4	1	0	0	0	0	0	0	0	0	0	15
23:15	4	4	3	2	2	0	0	0	0	0	0	0	0	0	15
23:30	0	6	4	4	1	0	0	0	0	0	0	0	0	0	15
23:45	3	2	7	1	0	0	0	0	0	0	0	0	0	0	13
	12	13	18	11	4	0	0	0	0	0	0	0	0	0	58
Total	620	635	852	482	203	55	17	2	0	0	0	0	0	0	2866

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
01/07/1															
5	1	1	0	1	3	0	0	0	0	0	0	0	0	0	6
00:15	1	2	3	0	1	1	0	0	0	0	0	0	0	0	8
00:30	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
00:45	2	1	0	1	0	0	0	0	0	0	0	0	0	0	4
	4	5	6	2	4	1	0	0	0	0	0	0	0	0	22
01:00	1	1	1	1	1	0	0	0	0	0	0	0	0	0	5
01:15	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
01:30	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
01:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
	1	4	2	3	3	0	0	0	0	0	0	0	0	0	13
02:00	0	1	0	1	1	1	0	0	0	0	0	0	0	0	4
02:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02:30	1	1	1	0	2	0	0	0	0	0	0	0	0	0	5
02:45	0	1	2	0	0	0	1	0	0	0	0	0	0	0	4
	1	3	3	1	4	1	1	0	0	0	0	0	0	0	14
03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:30	0	1	1	1	1	1	0	0	0	0	0	0	0	0	5
03:45	1	0	3	0	0	0	0	0	0	0	0	0	0	0	4
	3	1	4	1	1	1	0	0	0	0	0	0	0	0	11
04:00	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3
04:15	1	3	7	1	1	0	0	0	0	0	0	0	0	0	13
04:30	0	10	4	4	5	1	0	0	0	0	0	0	0	0	24
04:45	4	14	18	8	3	1	1	0	0	0	0	0	0	0	49
	5	28	29	14	10	2	1	0	0	0	0	0	0	0	89
05:00	3	10	6	1	4	2	0	0	0	0	0	0	0	0	26
05:15	7	14	25	17	3	0	0	0	0	0	0	0	0	0	66
05:30	17	19	20	12	4	2	1	0	0	0	0	0	0	0	75
05:45	36	68	37	10	8	0	0	1	0	0	0	0	0	0	160
	63	111	88	40	19	4	1	1	0	0	0	0	0	0	327
06:00	16	16	19	9	10	2	0	0	0	0	0	0	0	0	72
06:15	29	49	49	22	4	3	0	0	0	0	0	0	0	0	156
06:30	10	43	50	25	8	1	0	1	0	0	0	0	0	0	138
06:45	32	38	43	16	10	1	0	0	0	0	0	0	0	0	140
	87	146	161	72	32	7	0	1	0	0	0	0	0	0	506
07:00	10	22	47	24	5	3	0	0	0	0	0	0	0	0	111
07:15	14	11	26	26	10	2	1	0	0	0	0	0	0	0	90
07:30	14	44	27	21	5	3	0	0	0	0	0	0	0	0	114
07:45	35	60	26	32	9	1	0	0	1	0	0	0	0	0	164
	73	137	126	103	29	9	1	0	1	0	0	0	0	0	479
08:00	17	19	25	37	8	7	1	0	0	0	0	0	0	0	114
08:15	18	21	16	25	9	3	0	0	0	0	0	0	0	0	92
08:30	8	16	20	10	11	0	0	0	0	0	0	0	0	0	65
08:45	4	8	11	8	5	1	0	0	0	0	0	0	0	0	37
	47	64	72	80	33	11	1	0	0	0	0	0	0	0	308
09:00	2	9	14	9	4	0	0	0	1	0	0	0	0	0	39
09:15	14	8	12	6	4	2	0	0	0	0	0	0	0	0	46
09:30	17	18	9	5	3	0	1	0	0	0	0	0	0	0	53
09:45	14	7	16	13	3	0	1	0	0	0	0	0	0	0	54
	47	42	51	33	14	2	2	0	1	0	0	0	0	0	192
10:00	12	10	10	8	7	2	0	0	0	0	0	0	0	0	49
10:15	17	11	17	8	2	4	1	0	0	0	0	0	0	0	60
10:30	12	12	12	8	3	2	0	0	0	0	0	0	0	0	49
10:45	6	13	22	10	10	3	1	0	0	0	0	0	0	0	65
	47	46	61	34	22	11	2	0	0	0	0	0	0	0	223
11:00	6	18	10	13	8	1	0	0	0	0	0	0	0	0	56
11:15	11	17	11	15	6	1	0	0	0	0	0	0	0	0	61
11:30	21	36	34	18	2	0	0	0	0	0	0	0	0	0	111
11:45	30	24	24	12	3	1	0	0	0	0	0	0	0	0	94
	68	95	79	58	19	3	0	0	0	0	0	0	0	0	322
Total	446	682	682	441	190	52	9	2	2	0	0	0	0	0	2506

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	19	23	32	14	6	0	0	0	0	0	0	0	0	0	94
12:15	17	24	35	21	3	0	0	0	0	0	0	0	0	0	100
12:30	18	20	25	15	7	3	0	0	0	0	0	0	0	0	88
12:45	23	30	26	17	4	0	0	0	0	0	0	0	0	0	100
	77	97	118	67	20	3	0	0	0	0	0	0	0	0	382
13:00	11	20	29	15	2	0	0	0	0	0	0	0	0	0	77
13:15	24	27	24	7	5	2	0	0	0	0	0	0	0	0	89
13:30	26	9	18	18	4	3	0	0	0	0	0	0	0	0	78
13:45	21	15	18	11	5	1	0	0	0	0	0	0	0	0	71
	82	71	89	51	16	6	0	0	0	0	0	0	0	0	315
14:00	19	25	22	17	5	1	0	0	0	0	0	0	0	0	89
14:15	31	38	48	20	7	0	0	0	0	0	0	0	0	0	144
14:30	21	30	24	11	3	1	0	0	0	0	0	0	0	0	90
14:45	23	13	20	10	4	0	1	0	0	0	0	0	0	0	71
	94	106	114	58	19	2	1	0	0	0	0	0	0	0	394
15:00	22	6	6	7	2	2	0	0	0	0	0	0	0	0	45
15:15	11	17	21	12	8	2	0	0	0	0	0	0	0	0	71
15:30	15	11	27	22	11	1	0	0	0	0	0	0	0	0	87
15:45	23	28	17	21	8	0	0	0	0	0	0	0	0	0	97
	71	62	71	62	29	5	0	0	0	0	0	0	0	0	300
16:00	10	11	24	12	4	0	0	0	0	0	0	0	0	0	61
16:15	8	20	18	10	5	2	0	0	0	0	0	0	0	0	63
16:30	35	12	11	11	2	1	0	0	0	0	0	0	0	0	72
16:45	26	26	20	7	2	0	0	0	0	0	0	0	0	0	81
	79	69	73	40	13	3	0	0	0	0	0	0	0	0	277
17:00	37	31	8	5	1	2	0	0	0	0	0	0	0	0	84
17:15	17	24	18	19	3	0	0	0	0	0	0	0	0	0	81
17:30	14	26	28	18	9	2	0	0	0	0	0	0	0	0	97
17:45	13	24	21	9	5	2	0	0	0	0	0	0	0	0	74
	81	105	75	51	18	6	0	0	0	0	0	0	0	0	336
18:00	10	14	22	16	2	0	1	0	0	0	0	0	0	0	65
18:15	19	21	26	8	6	0	0	0	0	0	0	0	0	0	80
18:30	5	16	19	9	7	2	0	0	0	0	0	0	0	0	58
18:45	8	19	10	10	6	1	1	0	0	0	0	0	0	0	55
	42	70	77	43	21	3	2	0	0	0	0	0	0	0	258
19:00	12	11	20	7	3	2	0	0	0	0	0	0	0	0	55
19:15	8	12	9	6	7	0	0	0	0	0	0	0	0	0	42
19:30	5	7	12	15	2	1	0	0	0	0	0	0	0	0	42
19:45	5	10	9	6	2	1	0	0	0	0	0	0	0	0	33
	30	40	50	34	14	4	0	0	0	0	0	0	0	0	172
20:00	3	13	16	11	3	1	0	0	0	0	0	0	0	0	47
20:15	6	5	12	8	2	0	0	0	0	0	0	0	0	0	33
20:30	7	12	8	6	1	1	0	0	0	0	0	0	0	0	35
20:45	6	6	8	7	2	0	0	0	0	0	0	0	0	0	29
	22	36	44	32	8	2	0	0	0	0	0	0	0	0	144
21:00	2	5	7	7	2	0	0	0	0	0	0	0	0	0	23
21:15	4	8	9	2	3	2	1	1	0	0	0	0	0	0	30
21:30	1	4	7	9	1	3	0	0	0	0	0	0	0	0	25
21:45	1	5	15	8	5	0	0	0	0	0	0	0	0	0	34
	8	22	38	26	11	5	1	1	0	0	0	0	0	0	112
22:00	5	11	6	2	1	0	0	0	0	0	0	0	0	0	25
22:15	14	16	13	6	3	0	0	0	0	0	0	0	0	0	52
22:30	5	18	21	19	10	1	1	0	0	0	0	0	0	0	75
22:45	3	2	11	8	6	4	0	0	0	0	0	0	0	0	34
	27	47	51	35	20	5	1	0	0	0	0	0	0	0	186
23:00	4	1	2	4	0	0	1	0	0	0	0	0	0	0	12
23:15	3	6	4	2	1	0	0	0	0	0	0	0	0	0	16
23:30	2	2	6	2	2	0	0	0	0	0	0	0	0	0	14
23:45	1	2	4	2	1	0	0	0	0	0	0	0	0	0	10
	10	11	16	10	4	0	1	0	0	0	0	0	0	0	52
Total	623	736	816	509	193	44	6	1	0	0	0	0	0	0	2928
Grand Total	2092	2669	3036	1906	762	202	40	6	2	0	0	0	0	0	10715

	15th Percentile :	8 MPH
	50th Percentile :	18 MPH
	85th Percentile :	27 MPH
	95th Percentile :	32 MPH
Stats	Mean Speed(Average) :	19 MPH
	10 MPH Pace Speed :	16-25 MPH
	Number in Pace :	4322
	Percent in Pace :	40.3%
	Number of Vehicles > 35 MPH :	250

Percent of Vehicles > 35 MPH : 2.3%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
01/06/1															
5	0	0	3	6	4	2	0	0	0	0	0	0	0	0	15
00:15	0	0	0	0	4	2	0	0	0	0	0	0	0	0	6
00:30	1	0	1	1	2	0	1	0	0	0	0	0	0	0	6
00:45	2	0	1	0	0	0	0	0	0	0	0	0	1	0	4
	3	0	5	7	10	4	1	0	0	0	0	0	1	0	31
01:00	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
01:15	0	1	0	2	0	2	0	0	0	0	0	0	0	0	5
01:30	0	0	0	2	0	0	0	0	1	0	0	0	0	0	3
01:45	2	0	1	3	0	0	0	0	0	0	0	0	0	0	6
	2	2	2	7	1	2	0	0	1	0	0	0	0	0	17
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:15	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
02:30	0	0	1	3	0	1	0	0	0	0	0	0	0	0	5
02:45	0	2	3	0	1	2	0	0	0	0	0	0	0	0	8
	1	3	6	3	1	3	0	0	0	0	0	0	0	0	17
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:15	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3
03:30	3	1	2	2	2	0	0	0	0	0	0	0	0	0	10
03:45	1	2	1	2	1	0	0	0	0	0	0	0	0	0	7
	5	3	4	4	4	0	1	0	0	0	0	0	0	0	21
04:00	1	1	1	1	1	0	0	0	0	0	0	0	0	0	5
04:15	4	0	1	1	1	2	0	0	0	0	0	0	0	0	9
04:30	1	0	3	3	0	0	0	0	0	0	0	0	0	0	7
04:45	3	0	2	4	2	1	0	0	0	0	0	0	0	0	12
	9	1	7	9	4	3	0	0	0	0	0	0	0	0	33
05:00	4	0	0	3	0	2	0	0	0	0	0	0	0	0	9
05:15	3	2	3	6	3	3	1	0	0	0	0	0	0	0	21
05:30	2	4	4	5	3	2	0	0	0	0	0	0	0	0	20
05:45	2	0	9	4	5	2	1	0	0	0	0	0	0	0	23
	11	6	16	18	11	9	2	0	0	0	0	0	0	0	73
06:00	5	2	4	11	9	2	0	0	0	0	0	0	0	0	33
06:15	10	6	4	12	6	2	0	0	0	0	0	0	0	0	40
06:30	6	1	10	8	12	2	1	0	0	0	0	0	0	0	40
06:45	13	13	16	11	12	5	0	0	0	0	0	0	0	0	70
	34	22	34	42	39	11	1	0	0	0	0	0	0	0	183
07:00	14	11	8	10	5	4	2	0	0	0	0	0	0	0	54
07:15	14	12	13	10	4	0	0	0	0	0	0	0	0	0	53
07:30	28	17	18	15	6	4	0	0	0	0	0	0	0	0	88
07:45	11	8	8	12	9	4	0	0	0	0	0	0	0	0	52
	67	48	47	47	24	12	2	0	0	0	0	0	0	0	247
08:00	13	8	12	6	1	6	0	0	0	0	0	0	0	0	46
08:15	18	9	26	14	5	0	0	0	0	0	0	0	0	0	72
08:30	4	18	16	4	14	1	0	0	0	0	0	0	0	0	57
08:45	22	13	16	13	6	2	0	0	0	0	0	0	0	0	72
	57	48	70	37	26	9	0	0	0	0	0	0	0	0	247
09:00	6	10	6	11	9	2	0	0	0	0	0	0	0	0	44
09:15	9	9	11	15	8	2	0	0	0	0	0	0	0	0	54
09:30	13	6	12	6	2	2	0	0	0	0	0	0	0	0	41
09:45	8	13	15	11	7	1	0	0	1	0	0	0	0	0	56
	36	38	44	43	26	7	0	0	1	0	0	0	0	0	195
10:00	8	8	11	15	8	0	0	0	0	0	0	0	0	0	50
10:15	9	7	16	15	6	2	0	0	0	0	0	0	0	0	55
10:30	7	6	23	15	6	1	0	0	0	0	0	0	0	0	58
10:45	15	17	25	15	6	2	1	0	0	0	0	0	0	0	81
	39	38	75	60	26	5	1	0	0	0	0	0	0	0	244
11:00	10	10	20	26	11	3	1	0	0	0	0	0	0	0	81
11:15	6	14	25	12	14	1	0	0	0	0	0	0	0	0	72
11:30	22	21	19	28	9	6	1	0	0	0	0	0	0	0	106
11:45	19	30	30	23	9	2	0	0	0	0	0	0	0	0	113
	57	75	94	89	43	12	2	0	0	0	0	0	0	0	372
Total	321	284	404	366	215	77	10	0	2	0	0	0	1	0	1680

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	26	37	35	25	7	1	0	0	0	0	0	0	0	0	131
12:15	21	18	23	21	7	2	0	0	0	0	0	0	0	0	92
12:30	11	10	16	29	10	2	0	0	0	0	0	0	0	0	78
12:45	14	9	26	22	18	1	1	0	0	0	0	0	0	0	91
	72	74	100	97	42	6	1	0	0	0	0	0	0	0	392
13:00	20	29	47	21	9	5	1	0	0	0	0	0	0	0	132
13:15	22	24	25	27	5	2	1	0	0	0	0	0	0	0	106
13:30	18	15	14	11	10	4	1	0	0	0	0	0	0	0	73
13:45	15	15	22	24	2	2	1	0	0	0	0	0	0	0	81
	75	83	108	83	26	13	4	0	0	0	0	0	0	0	392
14:00	21	16	26	19	11	1	1	0	0	0	0	0	0	0	95
14:15	16	10	18	16	3	3	0	0	0	0	0	0	0	0	66
14:30	16	22	22	19	6	0	0	0	0	0	0	0	0	0	85
14:45	31	23	27	24	6	1	1	0	0	0	0	0	0	0	113
	84	71	93	78	26	5	2	0	0	0	0	0	0	0	359
15:00	110	26	22	9	1	0	0	0	0	0	0	0	0	0	168
15:15	31	23	19	14	6	3	0	0	0	0	0	0	0	0	96
15:30	35	16	29	33	17	2	0	0	0	0	0	0	0	0	132
15:45	15	20	38	22	14	3	0	0	0	0	0	0	0	0	112
	191	85	108	78	38	8	0	0	0	0	0	0	0	0	508
16:00	52	30	53	41	12	2	0	0	0	0	0	0	0	0	190
16:15	21	16	31	26	14	2	0	0	0	0	0	0	0	0	110
16:30	71	40	27	19	6	2	0	0	0	0	0	0	0	0	165
16:45	23	22	21	40	14	3	0	0	0	0	0	0	0	0	123
	167	108	132	126	46	9	0	0	0	0	0	0	0	0	588
17:00	34	47	51	29	13	0	0	0	0	0	0	0	0	0	174
17:15	20	20	34	15	13	4	0	0	0	0	0	0	0	0	106
17:30	13	11	23	19	13	4	0	0	0	0	0	0	0	0	83
17:45	19	10	20	21	7	0	0	0	0	1	0	0	0	0	78
	86	88	128	84	46	8	0	0	0	1	0	0	0	0	441
18:00	16	17	34	21	5	1	0	0	0	0	0	0	0	0	94
18:15	12	22	15	13	9	3	0	0	0	0	0	0	0	0	74
18:30	15	12	12	11	5	3	0	0	0	0	0	0	0	0	58
18:45	9	8	12	19	10	0	0	0	0	0	0	0	0	0	58
	52	59	73	64	29	7	0	0	0	0	0	0	0	0	284
19:00	9	17	27	21	9	4	0	0	0	0	0	0	0	0	87
19:15	4	10	8	10	10	0	0	0	0	0	0	0	0	0	42
19:30	1	4	10	11	5	0	0	0	0	0	0	0	0	0	31
19:45	1	5	15	10	8	1	0	0	0	0	0	0	0	0	40
	15	36	60	52	32	5	0	0	0	0	0	0	0	0	200
20:00	10	11	16	13	8	1	0	0	0	0	0	0	0	0	59
20:15	8	10	9	16	5	1	0	0	0	0	0	0	0	0	49
20:30	0	4	5	3	4	0	1	0	0	0	0	0	0	0	17
20:45	6	3	13	7	2	2	0	0	0	0	0	0	0	0	33
	24	28	43	39	19	4	1	0	0	0	0	0	0	0	158
21:00	7	3	9	4	3	0	0	0	0	0	0	0	0	0	26
21:15	3	2	2	3	1	1	0	0	0	0	0	0	0	0	12
21:30	6	5	7	7	6	1	1	0	0	0	0	0	0	0	33
21:45	3	5	0	3	3	0	0	0	0	0	0	0	0	0	14
	19	15	18	17	13	2	1	0	0	0	0	0	0	0	85
22:00	4	2	4	2	3	3	0	0	0	0	0	0	0	0	18
22:15	1	1	5	4	4	1	1	0	0	0	0	0	0	0	17
22:30	2	1	2	6	5	2	0	0	0	0	0	0	0	0	18
22:45	11	4	8	8	5	1	0	0	0	0	0	0	0	0	37
	18	8	19	20	17	7	1	0	0	0	0	0	0	0	90
23:00	23	19	32	24	4	1	1	0	0	0	0	0	0	0	104
23:15	4	2	0	2	0	2	1	0	0	0	0	0	0	0	11
23:30	1	4	12	10	4	3	0	0	0	0	0	0	0	0	34
23:45	2	3	2	3	2	0	0	1	0	0	0	0	0	0	13
	30	28	46	39	10	6	2	1	0	0	0	0	0	0	162
Total	833	683	928	777	344	80	12	1	0	1	0	0	0	0	3659

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
01/07/1															
5	0	0	1	5	2	1	0	0	0	0	0	0	0	0	9
00:15	2	0	1	0	0	1	1	0	0	0	0	0	0	0	5
00:30	0	2	0	2	3	0	0	0	0	0	0	0	0	0	7
00:45	4	2	0	0	0	2	0	0	0	0	0	0	0	0	8
	6	4	2	7	5	4	1	0	0	0	0	0	0	0	29
01:00	1	1	2	0	1	1	0	0	0	0	0	0	0	0	6
01:15	1	0	1	0	0	1	0	0	0	0	0	0	0	0	3
01:30	0	1	2	3	0	0	0	0	0	0	0	0	0	0	6
01:45	0	0	1	1	0	1	0	0	0	0	0	0	0	0	3
	2	2	6	4	1	3	0	0	0	0	0	0	0	0	18
02:00	0	0	2	0	1	1	0	0	0	0	0	0	0	0	4
02:15	1	0	0	0	1	1	0	0	0	0	0	0	0	0	3
02:30	1	0	2	1	4	2	0	0	0	0	0	0	0	0	10
02:45	1	1	1	0	1	1	0	0	0	0	0	0	0	0	5
	3	1	5	1	7	5	0	0	0	0	0	0	0	0	22
03:00	0	5	1	2	0	0	0	0	0	0	0	0	0	0	8
03:15	1	0	0	1	2	0	0	0	0	0	0	0	0	0	4
03:30	1	1	3	2	0	0	0	0	1	0	0	0	0	0	8
03:45	2	1	0	1	0	0	0	0	0	0	0	0	0	0	4
	4	7	4	6	2	0	0	0	1	0	0	0	0	0	24
04:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:15	1	0	0	0	2	2	0	0	0	0	0	0	0	0	5
04:30	0	0	1	8	1	2	1	0	0	0	0	0	0	0	13
04:45	2	0	3	4	1	1	0	0	0	0	0	0	0	0	11
	3	0	5	13	4	5	1	0	0	0	0	0	0	0	31
05:00	2	2	3	4	1	1	0	0	0	0	0	0	0	0	13
05:15	1	1	1	3	6	1	1	0	0	0	0	0	0	0	14
05:30	3	2	9	4	6	3	0	0	0	0	0	0	0	0	27
05:45	6	2	6	3	7	2	0	0	0	0	0	0	0	0	26
	12	7	19	14	20	7	1	0	0	0	0	0	0	0	80
06:00	6	3	6	6	10	3	1	0	0	0	0	0	0	0	35
06:15	4	3	3	11	3	5	1	0	0	0	0	0	0	0	30
06:30	7	5	8	16	8	2	0	0	0	0	0	0	0	0	46
06:45	18	6	12	18	14	1	0	0	0	0	0	0	0	0	69
	35	17	29	51	35	11	2	0	0	0	0	0	0	0	180
07:00	10	15	12	9	5	1	0	0	0	0	0	0	0	0	52
07:15	2	6	10	16	8	4	1	0	0	0	0	0	0	0	47
07:30	14	6	26	16	8	2	0	0	0	0	0	0	0	0	72
07:45	8	11	13	16	7	1	0	0	0	0	0	0	0	0	56
	34	38	61	57	28	8	1	0	0	0	0	0	0	0	227
08:00	16	8	19	9	4	1	1	0	0	0	0	0	0	0	58
08:15	16	9	12	7	6	4	0	0	0	0	0	0	0	0	54
08:30	7	9	11	16	6	0	0	0	0	0	0	0	0	0	49
08:45	7	8	11	9	7	0	1	0	0	0	0	0	0	0	43
	46	34	53	41	23	5	2	0	0	0	0	0	0	0	204
09:00	5	7	19	9	6	4	0	0	0	0	0	0	0	0	50
09:15	12	13	8	8	8	1	1	0	0	0	0	0	0	0	51
09:30	8	12	16	9	3	0	0	0	0	0	0	0	0	0	48
09:45	14	9	10	13	5	1	0	0	0	0	0	0	0	0	52
	39	41	53	39	22	6	1	0	0	0	0	0	0	0	201
10:00	8	5	9	14	6	1	0	0	0	0	0	0	0	0	43
10:15	12	6	14	12	5	7	0	0	0	0	0	0	0	0	56
10:30	10	17	14	14	16	1	1	0	0	0	0	0	0	0	73
10:45	11	7	7	10	15	3	2	0	0	0	0	0	0	0	55
	41	35	44	50	42	12	3	0	0	0	0	0	0	0	227
11:00	6	14	22	16	9	1	2	0	0	0	0	0	0	0	70
11:15	15	19	26	21	10	5	0	0	0	0	0	0	0	0	96
11:30	28	15	33	14	6	1	0	0	0	0	0	0	0	0	97
11:45	32	17	25	19	6	2	0	0	0	0	0	0	0	0	101
	81	65	106	70	31	9	2	0	0	0	0	0	0	0	364
Total	306	251	387	353	220	75	14	0	1	0	0	0	0	0	1607

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	24	27	33	23	13	0	0	0	0	0	0	0	0	0	120
12:15	23	15	26	22	10	1	0	0	0	0	0	0	0	0	97
12:30	28	21	22	17	7	1	0	0	0	0	0	0	0	0	96
12:45	21	26	38	10	8	3	0	0	0	0	0	0	0	0	106
	96	89	119	72	38	5	0	0	0	0	0	0	0	0	419
13:00	18	23	46	20	10	1	0	0	0	0	0	0	0	0	118
13:15	16	17	28	15	7	6	0	0	0	0	0	0	0	0	89
13:30	19	20	15	16	6	1	0	0	0	0	0	0	0	0	77
13:45	23	26	21	12	8	2	1	0	0	0	0	0	0	0	93
	76	86	110	63	31	10	1	0	0	0	0	0	0	0	377
14:00	21	11	28	24	11	4	0	0	0	0	0	0	0	0	99
14:15	12	12	20	10	8	1	1	0	0	0	0	0	0	0	64
14:30	18	24	25	16	9	4	0	0	0	0	0	0	0	0	96
14:45	35	27	29	19	8	0	1	0	1	0	0	0	0	0	120
	86	74	102	69	36	9	2	0	1	0	0	0	0	0	379
15:00	159	29	14	5	2	0	0	0	0	0	0	0	0	0	209
15:15	14	14	23	26	11	1	0	0	0	0	0	0	0	0	89
15:30	13	21	45	24	21	7	0	0	0	0	0	0	0	0	131
15:45	30	18	37	26	8	0	0	0	0	0	0	0	0	0	119
	216	82	119	81	42	8	0	0	0	0	0	0	0	0	548
16:00	25	75	57	21	6	1	0	0	0	0	0	0	0	0	185
16:15	24	28	39	42	15	3	0	0	0	0	0	0	0	0	151
16:30	55	47	31	25	10	1	0	0	0	0	0	0	0	0	169
16:45	25	27	26	23	6	0	1	0	0	0	0	0	0	0	108
	129	177	153	111	37	5	1	0	0	0	0	0	0	0	613
17:00	39	30	42	29	11	0	0	0	0	0	0	0	0	0	151
17:15	27	28	18	19	10	1	0	0	0	0	0	0	0	0	103
17:30	15	15	40	11	9	3	1	0	0	0	0	0	0	0	94
17:45	10	13	25	17	10	7	0	0	0	0	0	0	0	0	82
	91	86	125	76	40	11	1	0	0	0	0	0	0	0	430
18:00	20	10	16	24	13	2	0	0	0	0	0	0	0	0	85
18:15	6	13	16	14	18	2	0	0	0	0	0	0	0	0	69
18:30	5	10	20	17	7	1	1	0	0	0	0	0	0	0	61
18:45	7	13	17	16	10	4	0	0	0	0	0	0	0	0	67
	38	46	69	71	48	9	1	0	0	0	0	0	0	0	282
19:00	12	12	18	19	9	2	0	0	0	0	0	0	0	0	72
19:15	6	11	9	7	13	2	0	0	0	0	0	0	0	0	48
19:30	2	4	11	9	10	2	1	0	0	0	0	0	0	0	39
19:45	0	12	5	11	7	7	0	0	0	0	0	0	0	0	42
	20	39	43	46	39	13	1	0	0	0	0	0	0	0	201
20:00	4	6	9	5	2	3	1	0	0	0	0	0	0	0	30
20:15	9	3	9	9	8	2	0	0	0	0	0	0	0	0	40
20:30	5	5	5	7	3	1	1	0	0	0	0	0	0	0	27
20:45	2	5	7	7	4	2	0	0	0	0	0	0	0	0	27
	20	19	30	28	17	8	2	0	0	0	0	0	0	0	124
21:00	6	6	2	4	6	2	0	1	0	0	0	0	0	0	27
21:15	2	4	6	11	2	4	0	0	0	0	0	0	0	0	29
21:30	0	2	7	11	8	6	0	0	0	0	0	0	0	0	34
21:45	1	0	4	4	2	3	1	0	0	0	0	0	0	0	15
	9	12	19	30	18	15	1	1	0	0	0	0	0	0	105
22:00	0	2	6	3	5	0	1	0	0	0	0	0	0	0	17
22:15	2	4	4	6	3	1	0	0	0	0	0	0	0	0	20
22:30	3	4	1	5	3	1	0	0	0	0	0	0	0	0	17
22:45	8	2	11	15	6	3	0	0	0	0	0	0	0	0	45
	13	12	22	29	17	5	1	0	0	0	0	0	0	0	99
23:00	18	34	42	11	5	3	0	0	0	0	0	0	0	0	113
23:15	1	1	7	4	4	4	0	1	0	0	0	0	0	0	22
23:30	3	2	8	8	6	4	0	0	0	0	0	0	0	0	31
23:45	0	3	1	4	2	1	1	0	1	0	0	0	0	0	13
	22	40	58	27	17	12	1	1	1	0	0	0	0	0	179
Total	816	762	969	703	380	110	12	2	2	0	0	0	0	0	3756
Grand Total	2276	1980	2688	2199	1159	342	48	3	5	1	0	0	1	0	10702

	15th Percentile :	7 MPH
	50th Percentile :	19 MPH
	85th Percentile :	29 MPH
	95th Percentile :	33 MPH
Stats	Mean Speed(Average) :	19 MPH
	10 MPH Pace Speed :	19-28 MPH
	Number in Pace :	3801
	Percent in Pace :	35.5%
	Number of Vehicles > 35 MPH :	400

Percent of Vehicles > 35 MPH : 3.7%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
01/06/1															
5	0	3	4	7	4	2	0	0	0	0	0	0	0	0	20
00:15	0	2	2	2	4	2	0	0	0	0	0	0	0	0	12
00:30	1	0	2	1	4	0	1	0	0	0	0	0	0	0	9
00:45	2	2	2	0	0	0	0	0	0	0	0	0	1	0	7
	3	7	10	10	12	4	1	0	0	0	0	0	1	0	48
01:00	0	1	2	1	1	0	0	0	0	0	0	0	0	0	5
01:15	1	1	0	3	0	2	0	0	0	0	0	0	0	0	7
01:30	0	0	0	2	0	0	0	0	1	0	0	0	0	0	3
01:45	2	1	1	3	0	0	0	0	0	0	0	0	0	0	7
	3	3	3	9	1	2	0	0	1	0	0	0	0	0	22
02:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
02:15	1	0	4	1	0	1	1	0	0	0	0	0	0	0	8
02:30	1	2	3	4	1	2	0	0	0	0	0	0	0	0	13
02:45	0	3	3	0	1	2	0	0	0	0	0	0	0	0	9
	3	6	11	5	2	5	1	0	0	0	0	0	0	0	33
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:15	2	0	1	0	2	0	0	0	0	0	0	0	0	0	5
03:30	4	2	3	3	3	0	0	0	0	0	0	0	0	0	15
03:45	2	3	3	5	1	0	0	0	0	0	0	0	0	0	14
	8	5	7	8	6	0	1	0	0	0	0	0	0	0	35
04:00	1	2	2	1	1	0	0	0	0	0	0	0	0	0	7
04:15	5	2	5	3	2	2	0	0	0	0	0	0	0	0	19
04:30	6	5	12	7	4	0	0	0	0	0	0	0	0	0	34
04:45	7	5	6	18	6	3	0	0	0	0	0	0	0	0	45
	19	14	25	29	13	5	0	0	0	0	0	0	0	0	105
05:00	11	12	10	11	2	2	0	0	0	0	0	0	0	0	48
05:15	12	13	21	14	8	4	1	0	0	0	0	0	0	0	73
05:30	21	31	32	20	9	5	0	0	0	0	0	0	0	0	118
05:45	21	38	54	31	13	3	1	0	0	0	0	0	0	0	161
	65	94	117	76	32	14	2	0	0	0	0	0	0	0	400
06:00	22	26	14	26	19	3	0	0	0	0	0	0	0	0	110
06:15	35	54	40	28	15	3	0	0	0	0	0	0	0	0	175
06:30	21	33	42	30	20	5	2	1	0	0	0	0	0	0	154
06:45	34	51	58	41	24	5	0	0	0	0	0	0	0	0	213
	112	164	154	125	78	16	2	1	0	0	0	0	0	0	652
07:00	25	28	43	29	13	5	2	0	0	0	0	0	0	0	145
07:15	42	38	40	23	8	1	0	0	0	0	0	0	0	0	152
07:30	49	40	45	37	11	6	0	0	0	0	0	0	0	0	188
07:45	41	65	57	37	11	5	0	0	0	0	0	0	0	0	216
	157	171	185	126	43	17	2	0	0	0	0	0	0	0	701
08:00	30	29	44	36	10	8	3	0	0	0	0	0	0	0	160
08:15	28	40	48	27	9	1	1	0	0	0	0	0	0	0	154
08:30	13	43	42	20	25	4	1	0	0	0	0	0	0	0	148
08:45	34	26	25	33	11	3	1	0	0	0	0	0	0	0	133
	105	138	159	116	55	16	6	0	0	0	0	0	0	0	595
09:00	13	20	18	19	13	7	0	0	0	0	0	0	0	0	90
09:15	13	18	25	24	10	4	0	0	0	0	0	0	0	0	94
09:30	19	19	28	19	5	2	0	0	0	0	0	0	0	0	92
09:45	18	24	29	24	10	1	0	0	1	0	0	0	0	0	107
	63	81	100	86	38	14	0	0	1	0	0	0	0	0	383
10:00	19	19	25	25	9	3	0	0	0	0	0	0	0	0	100
10:15	14	21	32	24	9	5	0	0	0	0	0	0	0	0	105
10:30	19	18	43	32	13	4	0	0	0	0	0	0	0	0	129
10:45	25	25	38	28	15	3	1	0	0	0	0	0	0	0	135
	77	83	138	109	46	15	1	0	0	0	0	0	0	0	469
11:00	21	23	33	34	14	5	1	0	0	0	0	0	0	0	131
11:15	18	25	44	23	21	2	0	0	0	0	0	0	0	0	133
11:30	34	33	45	38	17	9	1	0	0	0	0	0	0	0	177
11:45	36	53	59	46	13	4	0	0	0	0	0	0	0	0	211
	109	134	181	141	65	20	2	0	0	0	0	0	0	0	652
Total	724	900	1090	840	391	128	18	1	2	0	0	0	1	0	4095

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	46	54	59	36	13	3	0	0	0	0	0	0	0	0	211
12:15	53	41	54	38	12	3	0	0	0	0	0	0	0	0	201
12:30	23	23	52	63	16	9	2	0	0	0	0	0	0	0	188
12:45	21	30	63	32	27	3	1	0	0	0	0	0	0	0	177
	143	148	228	169	68	18	3	0	0	0	0	0	0	0	777
13:00	26	55	74	29	12	5	1	0	0	0	0	0	0	0	202
13:15	35	32	48	41	8	4	2	0	0	0	0	0	0	0	170
13:30	26	27	36	27	18	4	2	0	0	0	0	0	0	0	140
13:45	29	32	41	40	9	2	1	0	0	0	0	0	0	0	154
	116	146	199	137	47	15	6	0	0	0	0	0	0	0	666
14:00	27	35	55	35	20	1	1	0	0	0	0	0	0	0	174
14:15	55	39	55	33	6	5	0	0	0	0	0	0	0	0	193
14:30	35	45	38	27	11	0	0	0	0	0	0	0	0	0	156
14:45	49	36	38	39	12	3	1	0	0	0	0	0	0	0	178
	166	155	186	134	49	9	2	0	0	0	0	0	0	0	701
15:00	140	39	38	14	4	0	0	0	0	0	0	0	0	0	235
15:15	42	37	44	28	7	3	0	0	0	0	0	0	0	0	161
15:30	54	31	50	40	24	4	0	0	0	0	0	0	0	0	203
15:45	31	42	66	28	21	5	1	0	0	0	0	0	0	0	194
	267	149	198	110	56	12	1	0	0	0	0	0	0	0	793
16:00	71	39	67	54	20	2	0	1	0	0	0	0	0	0	254
16:15	45	26	56	41	20	7	1	0	0	0	0	0	0	0	196
16:30	100	48	48	26	7	3	0	0	0	0	0	0	0	0	232
16:45	48	49	43	55	19	4	0	0	0	0	0	0	0	0	218
	264	162	214	176	66	16	1	1	0	0	0	0	0	0	900
17:00	51	73	71	44	16	1	1	0	0	0	0	0	0	0	257
17:15	43	42	61	33	19	7	0	0	0	0	0	0	0	0	205
17:30	35	30	41	31	23	6	1	1	0	0	0	0	0	0	168
17:45	34	25	40	39	14	1	1	0	0	1	0	0	0	0	155
	163	170	213	147	72	15	3	1	0	1	0	0	0	0	785
18:00	24	30	60	28	11	3	0	0	0	0	0	0	0	0	156
18:15	25	42	40	24	13	5	0	0	0	0	0	0	0	0	149
18:30	31	34	35	25	7	4	0	0	0	0	0	0	0	0	136
18:45	20	19	31	30	13	3	2	0	0	0	0	0	0	0	118
	100	125	166	107	44	15	2	0	0	0	0	0	0	0	559
19:00	18	28	39	31	11	4	2	0	0	0	0	0	0	0	133
19:15	16	16	23	19	12	0	1	0	0	0	0	0	0	0	87
19:30	12	20	21	23	8	0	0	0	0	0	0	0	0	0	84
19:45	6	11	30	14	16	1	2	0	0	0	0	0	0	0	80
	52	75	113	87	47	5	5	0	0	0	0	0	0	0	384
20:00	19	22	24	18	13	1	0	0	0	0	0	0	0	0	97
20:15	18	23	17	23	7	1	0	0	0	0	0	0	0	0	89
20:30	11	14	16	12	7	2	1	0	0	0	0	0	0	0	63
20:45	11	7	22	9	4	4	0	0	0	0	0	0	0	0	57
	59	66	79	62	31	8	1	0	0	0	0	0	0	0	306
21:00	10	9	15	6	4	0	0	0	0	0	0	0	0	0	44
21:15	7	9	12	9	4	1	0	0	0	0	0	0	0	0	42
21:30	9	13	18	9	7	2	1	0	0	0	0	0	0	0	59
21:45	8	9	8	8	6	1	0	0	0	0	0	0	0	0	40
	34	40	53	32	21	4	1	0	0	0	0	0	0	0	185
22:00	10	5	10	6	6	3	0	0	0	0	0	0	0	0	40
22:15	14	16	14	9	6	1	1	0	0	0	0	0	0	0	61
22:30	7	12	28	16	6	5	0	0	0	0	0	0	0	0	74
22:45	16	8	15	17	14	3	1	0	0	0	0	0	0	0	74
	47	41	67	48	32	12	2	0	0	0	0	0	0	0	249
23:00	28	20	36	28	5	1	1	0	0	0	0	0	0	0	119
23:15	8	6	3	4	2	2	1	0	0	0	0	0	0	0	26
23:30	1	10	16	14	5	3	0	0	0	0	0	0	0	0	49
23:45	5	5	9	4	2	0	0	1	0	0	0	0	0	0	26
	42	41	64	50	14	6	2	1	0	0	0	0	0	0	220
Total	1453	1318	1780	1259	547	135	29	3	0	1	0	0	0	0	6525

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
01/07/1															
5	1	1	1	6	5	1	0	0	0	0	0	0	0	0	15
00:15	3	2	4	0	1	2	1	0	0	0	0	0	0	0	13
00:30	0	3	3	2	3	0	0	0	0	0	0	0	0	0	11
00:45	6	3	0	1	0	2	0	0	0	0	0	0	0	0	12
	10	9	8	9	9	5	1	0	0	0	0	0	0	0	51
01:00	2	2	3	1	2	1	0	0	0	0	0	0	0	0	11
01:15	1	2	2	1	0	1	0	0	0	0	0	0	0	0	7
01:30	0	1	2	4	1	0	0	0	0	0	0	0	0	0	8
01:45	0	1	1	1	1	1	0	0	0	0	0	0	0	0	5
	3	6	8	7	4	3	0	0	0	0	0	0	0	0	31
02:00	0	1	2	1	2	2	0	0	0	0	0	0	0	0	8
02:15	1	0	0	0	2	1	0	0	0	0	0	0	0	0	4
02:30	2	1	3	1	6	2	0	0	0	0	0	0	0	0	15
02:45	1	2	3	0	1	1	1	0	0	0	0	0	0	0	9
	4	4	8	2	11	6	1	0	0	0	0	0	0	0	36
03:00	1	5	1	2	0	0	0	0	0	0	0	0	0	0	9
03:15	2	0	0	1	2	0	0	0	0	0	0	0	0	0	5
03:30	1	2	4	3	1	1	0	0	1	0	0	0	0	0	13
03:45	3	1	3	1	0	0	0	0	0	0	0	0	0	0	8
	7	8	8	7	3	1	0	0	1	0	0	0	0	0	35
04:00	0	1	1	2	1	0	0	0	0	0	0	0	0	0	5
04:15	2	3	7	1	3	2	0	0	0	0	0	0	0	0	18
04:30	0	10	5	12	6	3	1	0	0	0	0	0	0	0	37
04:45	6	14	21	12	4	2	1	0	0	0	0	0	0	0	60
	8	28	34	27	14	7	2	0	0	0	0	0	0	0	120
05:00	5	12	9	5	5	3	0	0	0	0	0	0	0	0	39
05:15	8	15	26	20	9	1	1	0	0	0	0	0	0	0	80
05:30	20	21	29	16	10	5	1	0	0	0	0	0	0	0	102
05:45	42	70	43	13	15	2	0	1	0	0	0	0	0	0	186
	75	118	107	54	39	11	2	1	0	0	0	0	0	0	407
06:00	22	19	25	15	20	5	1	0	0	0	0	0	0	0	107
06:15	33	52	52	33	7	8	1	0	0	0	0	0	0	0	186
06:30	17	48	58	41	16	3	0	1	0	0	0	0	0	0	184
06:45	50	44	55	34	24	2	0	0	0	0	0	0	0	0	209
	122	163	190	123	67	18	2	1	0	0	0	0	0	0	686
07:00	20	37	59	33	10	4	0	0	0	0	0	0	0	0	163
07:15	16	17	36	42	18	6	2	0	0	0	0	0	0	0	137
07:30	28	50	53	37	13	5	0	0	0	0	0	0	0	0	186
07:45	43	71	39	48	16	2	0	0	1	0	0	0	0	0	220
	107	175	187	160	57	17	2	0	1	0	0	0	0	0	706
08:00	33	27	44	46	12	8	2	0	0	0	0	0	0	0	172
08:15	34	30	28	32	15	7	0	0	0	0	0	0	0	0	146
08:30	15	25	31	26	17	0	0	0	0	0	0	0	0	0	114
08:45	11	16	22	17	12	1	1	0	0	0	0	0	0	0	80
	93	98	125	121	56	16	3	0	0	0	0	0	0	0	512
09:00	7	16	33	18	10	4	0	0	1	0	0	0	0	0	89
09:15	26	21	20	14	12	3	1	0	0	0	0	0	0	0	97
09:30	25	30	25	14	6	0	1	0	0	0	0	0	0	0	101
09:45	28	16	26	26	8	1	1	0	0	0	0	0	0	0	106
	86	83	104	72	36	8	3	0	1	0	0	0	0	0	393
10:00	20	15	19	22	13	3	0	0	0	0	0	0	0	0	92
10:15	29	17	31	20	7	11	1	0	0	0	0	0	0	0	116
10:30	22	29	26	22	19	3	1	0	0	0	0	0	0	0	122
10:45	17	20	29	20	25	6	3	0	0	0	0	0	0	0	120
	88	81	105	84	64	23	5	0	0	0	0	0	0	0	450
11:00	12	32	32	29	17	2	2	0	0	0	0	0	0	0	126
11:15	26	36	37	36	16	6	0	0	0	0	0	0	0	0	157
11:30	49	51	67	32	8	1	0	0	0	0	0	0	0	0	208
11:45	62	41	49	31	9	3	0	0	0	0	0	0	0	0	195
	149	160	185	128	50	12	2	0	0	0	0	0	0	0	686
Total	752	933	1069	794	410	127	23	2	3	0	0	0	0	0	4113

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 14
NC 56
West of RR Tracks
Date Start: 06-Jan-15

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	43	50	65	37	19	0	0	0	0	0	0	0	0	0	214
12:15	40	39	61	43	13	1	0	0	0	0	0	0	0	0	197
12:30	46	41	47	32	14	4	0	0	0	0	0	0	0	0	184
12:45	44	56	64	27	12	3	0	0	0	0	0	0	0	0	206
	173	186	237	139	58	8	0	0	0	0	0	0	0	0	801
13:00	29	43	75	35	12	1	0	0	0	0	0	0	0	0	195
13:15	40	44	52	22	12	8	0	0	0	0	0	0	0	0	178
13:30	45	29	33	34	10	4	0	0	0	0	0	0	0	0	155
13:45	44	41	39	23	13	3	1	0	0	0	0	0	0	0	164
	158	157	199	114	47	16	1	0	0	0	0	0	0	0	692
14:00	40	36	50	41	16	5	0	0	0	0	0	0	0	0	188
14:15	43	50	68	30	15	1	1	0	0	0	0	0	0	0	208
14:30	39	54	49	27	12	5	0	0	0	0	0	0	0	0	186
14:45	58	40	49	29	12	0	2	0	1	0	0	0	0	0	191
	180	180	216	127	55	11	3	0	1	0	0	0	0	0	773
15:00	181	35	20	12	4	2	0	0	0	0	0	0	0	0	254
15:15	25	31	44	38	19	3	0	0	0	0	0	0	0	0	160
15:30	28	32	72	46	32	8	0	0	0	0	0	0	0	0	218
15:45	53	46	54	47	16	0	0	0	0	0	0	0	0	0	216
	287	144	190	143	71	13	0	0	0	0	0	0	0	0	848
16:00	35	86	81	33	10	1	0	0	0	0	0	0	0	0	246
16:15	32	48	57	52	20	5	0	0	0	0	0	0	0	0	214
16:30	90	59	42	36	12	2	0	0	0	0	0	0	0	0	241
16:45	51	53	46	30	8	0	1	0	0	0	0	0	0	0	189
	208	246	226	151	50	8	1	0	0	0	0	0	0	0	890
17:00	76	61	50	34	12	2	0	0	0	0	0	0	0	0	235
17:15	44	52	36	38	13	1	0	0	0	0	0	0	0	0	184
17:30	29	41	68	29	18	5	1	0	0	0	0	0	0	0	191
17:45	23	37	46	26	15	9	0	0	0	0	0	0	0	0	156
	172	191	200	127	58	17	1	0	0	0	0	0	0	0	766
18:00	30	24	38	40	15	2	1	0	0	0	0	0	0	0	150
18:15	25	34	42	22	24	2	0	0	0	0	0	0	0	0	149
18:30	10	26	39	26	14	3	1	0	0	0	0	0	0	0	119
18:45	15	32	27	26	16	5	1	0	0	0	0	0	0	0	122
	80	116	146	114	69	12	3	0	0	0	0	0	0	0	540
19:00	24	23	38	26	12	4	0	0	0	0	0	0	0	0	127
19:15	14	23	18	13	20	2	0	0	0	0	0	0	0	0	90
19:30	7	11	23	24	12	3	1	0	0	0	0	0	0	0	81
19:45	5	22	14	17	9	8	0	0	0	0	0	0	0	0	75
	50	79	93	80	53	17	1	0	0	0	0	0	0	0	373
20:00	7	19	25	16	5	4	1	0	0	0	0	0	0	0	77
20:15	15	8	21	17	10	2	0	0	0	0	0	0	0	0	73
20:30	12	17	13	13	4	2	1	0	0	0	0	0	0	0	62
20:45	8	11	15	14	6	2	0	0	0	0	0	0	0	0	56
	42	55	74	60	25	10	2	0	0	0	0	0	0	0	268
21:00	8	11	9	11	8	2	0	1	0	0	0	0	0	0	50
21:15	6	12	15	13	5	6	1	1	0	0	0	0	0	0	59
21:30	1	6	14	20	9	9	0	0	0	0	0	0	0	0	59
21:45	2	5	19	12	7	3	1	0	0	0	0	0	0	0	49
	17	34	57	56	29	20	2	2	0	0	0	0	0	0	217
22:00	5	13	12	5	6	0	1	0	0	0	0	0	0	0	42
22:15	16	20	17	12	6	1	0	0	0	0	0	0	0	0	72
22:30	8	22	22	24	13	2	1	0	0	0	0	0	0	0	92
22:45	11	4	22	23	12	7	0	0	0	0	0	0	0	0	79
	40	59	73	64	37	10	2	0	0	0	0	0	0	0	285
23:00	22	35	44	15	5	3	1	0	0	0	0	0	0	0	125
23:15	4	7	11	6	5	4	0	1	0	0	0	0	0	0	38
23:30	5	4	14	10	8	4	0	0	0	0	0	0	0	0	45
23:45	1	5	5	6	3	1	1	0	1	0	0	0	0	0	23
	32	51	74	37	21	12	2	1	1	0	0	0	0	0	231
Total	1439	1498	1785	1212	573	154	18	3	2	0	0	0	0	0	6684
Grand Total	4368	4649	5724	4105	1921	544	88	9	7	1	0	0	1	0	21417

	15th Percentile :	8 MPH
	50th Percentile :	18 MPH
	85th Percentile :	28 MPH
	95th Percentile :	33 MPH
Stats	Mean Speed(Average) :	19 MPH
	10 MPH Pace Speed :	17-26 MPH
	Number in Pace :	8016
	Percent in Pace :	37.4%
	Number of Vehicles > 35 MPH :	650

Percent of Vehicles > 35 MPH : 3.0%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	1	10	31	35	14	1	0	0	0	0	0	92
16:15	6	0	0	2	9	34	46	14	3	0	0	0	0	0	114
16:30	3	0	1	6	13	49	42	12	1	0	0	0	0	0	127
16:45	9	0	1	2	18	31	47	12	2	1	0	0	0	0	123
	18	0	2	11	50	145	170	52	7	1	0	0	0	0	456
17:00	5	0	0	1	8	35	42	13	3	0	0	0	0	0	107
17:15	3	0	0	0	11	55	52	12	4	0	0	0	0	0	137
17:30	4	0	0	0	12	38	40	8	3	0	0	0	0	0	105
17:45	3	0	0	0	9	32	41	10	5	0	0	0	0	0	100
	15	0	0	1	40	160	175	43	15	0	0	0	0	0	449
18:00	5	0	1	0	16	33	27	9	0	0	0	0	0	0	91
18:15	1	0	0	3	12	35	22	7	1	1	0	0	0	0	82
18:30	2	0	0	0	6	26	11	4	3	1	0	0	0	0	53
18:45	3	2	0	0	10	28	19	7	2	0	0	0	0	0	71
	11	2	1	3	44	122	79	27	6	2	0	0	0	0	297
19:00	1	0	0	0	6	26	25	9	1	0	0	0	0	0	68
19:15	1	0	0	0	6	23	15	7	3	0	0	0	0	0	55
19:30	1	0	0	0	1	18	22	8	2	0	0	0	0	0	52
19:45	0	0	0	0	4	28	14	9	1	0	0	0	0	0	56
	3	0	0	0	17	95	76	33	7	0	0	0	0	0	231
20:00	3	0	0	0	6	17	16	7	0	0	0	0	0	0	49
20:15	0	0	0	1	4	18	13	5	0	0	0	0	0	0	41
20:30	0	0	0	0	2	14	12	5	1	0	0	0	0	0	34
20:45	0	0	0	0	0	10	10	2	2	0	0	0	0	0	24
	3	0	0	1	12	59	51	19	3	0	0	0	0	0	148
21:00	0	0	0	0	3	8	11	7	1	0	0	0	0	0	30
21:15	0	0	0	0	2	6	8	6	0	2	0	0	0	0	24
21:30	0	0	0	0	1	7	8	5	2	0	0	0	0	0	23
21:45	1	0	0	0	1	7	6	0	1	0	0	0	0	0	16
	1	0	0	0	7	28	33	18	4	2	0	0	0	0	93
22:00	1	0	0	0	1	6	7	2	2	0	0	0	0	0	19
22:15	0	0	0	0	2	5	5	5	0	0	0	0	0	0	17
22:30	0	0	0	1	1	4	5	2	0	1	0	0	0	0	14
22:45	0	0	0	0	3	7	3	2	0	0	0	0	0	0	15
	1	0	0	1	7	22	20	11	2	1	0	0	0	0	65
23:00	0	0	0	0	3	18	12	3	0	0	0	0	0	0	36
23:15	0	0	0	0	1	8	7	0	2	0	0	0	0	0	18
23:30	0	0	0	0	1	4	3	1	0	0	0	0	0	0	9
23:45	0	0	0	0	0	2	3	3	1	0	0	0	0	0	9
	0	0	0	0	5	32	25	7	3	0	0	0	0	0	72
Total	52	2	3	17	182	663	629	210	47	6	0	0	0	0	1811

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	1	0	1	0	0	1	1	2	0	0	0	0	0	0	6
00:15	0	0	0	1	0	2	3	2	0	0	0	0	0	0	8
00:30	0	0	0	0	2	3	2	0	0	0	0	0	0	0	7
00:45	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	1	0	1	1	2	6	6	6	0	0	0	0	0	0	23
01:00	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
01:15	0	0	0	0	0	2	4	1	0	0	0	0	0	0	7
01:30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:45	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	0	0	0	0	2	3	6	1	0	0	0	0	0	0	12
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	2	2	0	0	0	0	0	0	0	4
02:30	0	0	0	0	0	2	3	1	0	0	0	0	0	0	6
02:45	0	0	0	0	1	3	4	1	0	0	0	0	0	0	9
	0	0	0	0	1	7	9	2	0	0	0	0	0	0	19
03:00	0	0	0	0	0	5	0	1	0	0	0	0	0	0	6
03:15	0	0	0	0	1	4	0	0	0	0	0	0	0	0	5
03:30	0	0	0	0	0	4	4	0	0	0	0	0	0	0	8
03:45	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	0	0	0	0	1	13	5	1	0	0	0	0	0	0	20
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
04:15	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3
04:30	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
04:45	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	0	0	0	1	2	2	2	1	0	1	0	0	0	0	9
05:00	0	0	0	2	0	1	1	1	0	0	0	0	0	0	5
05:15	0	0	0	0	1	0	5	2	1	0	0	0	0	0	9
05:30	0	0	0	0	0	3	4	1	0	0	0	0	0	0	8
05:45	0	0	0	0	1	2	3	0	1	0	0	0	0	0	7
	0	0	0	2	2	6	13	4	2	0	0	0	0	0	29
06:00	0	0	0	0	0	8	7	3	2	0	0	0	0	0	20
06:15	1	0	0	0	1	3	6	5	2	0	0	0	0	0	18
06:30	2	0	0	1	2	7	11	5	0	0	0	0	0	0	28
06:45	2	0	0	0	0	10	8	4	3	0	0	0	0	0	27
	5	0	0	1	3	28	32	17	7	0	0	0	0	0	93
07:00	0	0	0	1	5	29	31	2	2	0	0	0	0	0	70
07:15	1	0	0	0	11	19	11	6	2	0	0	0	0	0	50
07:30	1	0	0	0	7	13	11	11	2	1	0	0	0	0	46
07:45	3	0	0	0	4	19	19	9	1	0	0	0	0	0	55
	5	0	0	1	27	80	72	28	7	1	0	0	0	0	221
08:00	1	1	0	0	11	22	17	5	5	0	0	0	0	0	62
08:15	2	0	0	0	10	20	23	11	0	0	0	0	0	0	66
08:30	0	0	0	0	4	16	15	5	3	0	0	0	0	0	43
08:45	1	0	0	0	10	21	14	3	0	0	0	0	0	0	49
	4	1	0	0	35	79	69	24	8	0	0	0	0	0	220
09:00	4	0	1	1	3	16	9	7	1	2	0	0	0	0	44
09:15	1	0	0	2	5	14	17	7	3	3	0	0	0	0	52
09:30	1	0	0	0	1	27	14	12	2	0	0	0	0	0	57
09:45	2	0	0	0	3	11	17	9	1	0	0	0	0	0	43
	8	0	1	3	12	68	57	35	7	5	0	0	0	0	196
10:00	4	0	0	0	2	20	16	4	2	0	0	0	0	0	48
10:15	0	0	0	1	4	17	14	14	2	1	0	0	0	0	53
10:30	0	0	0	0	6	11	15	6	6	0	0	0	0	0	44
10:45	3	0	0	2	4	12	10	8	2	0	0	0	0	0	41
	7	0	0	3	16	60	55	32	12	1	0	0	0	0	186
11:00	2	0	0	0	10	20	21	11	3	0	0	0	0	0	67
11:15	0	0	0	0	6	22	21	7	3	0	0	0	0	0	59
11:30	1	0	0	0	8	21	18	5	2	1	0	0	0	0	56
11:45	3	0	0	0	6	24	14	4	3	0	0	0	0	0	54
	6	0	0	0	30	87	74	27	11	1	0	0	0	0	236
Total	36	1	2	12	133	439	400	178	54	9	0	0	0	0	1264

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	6	0	0	1	7	24	33	7	1	1	0	0	0	0	80
12:15	2	0	0	0	4	36	17	15	5	0	0	0	0	0	79
12:30	1	0	1	3	8	24	21	11	0	0	0	0	0	0	69
12:45	4	0	0	0	7	22	18	13	1	0	0	0	0	0	65
	13	0	1	4	26	106	89	46	7	1	0	0	0	0	293
13:00	2	0	0	0	5	14	18	10	5	0	0	0	0	0	54
13:15	3	0	0	3	13	24	22	12	1	1	0	0	0	0	79
13:30	1	0	0	0	6	29	28	11	0	0	0	0	0	0	75
13:45	1	0	0	2	10	27	24	12	3	0	0	0	0	0	79
	7	0	0	5	34	94	92	45	9	1	0	0	0	0	287
14:00	2	0	1	2	7	23	25	12	2	0	0	0	0	0	74
14:15	2	0	0	2	6	21	23	8	0	0	0	0	0	0	62
14:30	1	0	0	0	1	25	15	19	3	0	0	0	0	0	64
14:45	6	0	0	0	13	34	30	9	0	0	0	0	0	0	92
	11	0	1	4	27	103	93	48	5	0	0	0	0	0	292
15:00	3	0	0	0	1	30	46	13	2	0	0	0	0	0	95
15:15	2	0	1	1	3	40	26	15	3	1	0	0	0	0	92
15:30	9	0	0	0	0	41	36	8	2	2	0	0	0	0	98
15:45	1	0	0	2	15	56	29	12	2	1	0	0	0	0	118
	15	0	1	3	19	167	137	48	9	4	0	0	0	0	403
16:00	4	0	1	0	10	34	36	11	4	0	0	0	0	0	100
16:15	3	2	2	5	6	46	45	9	3	0	0	0	0	0	121
16:30	2	0	0	0	4	41	42	12	4	2	0	0	0	0	107
16:45	2	0	0	0	6	60	32	21	0	1	0	0	0	0	122
	11	2	3	5	26	181	155	53	11	3	0	0	0	0	450
17:00	6	0	0	0	18	48	47	13	0	0	0	0	0	1	133
17:15	4	0	0	0	20	68	34	14	2	0	0	0	0	0	142
17:30	2	0	0	1	11	55	41	15	0	0	0	0	0	0	125
17:45	1	0	0	1	8	43	35	10	2	0	0	0	0	0	100
	13	0	0	2	57	214	157	52	4	0	0	0	0	1	500
18:00	1	0	2	0	3	40	32	9	0	0	1	0	0	0	88
18:15	4	0	0	0	8	53	32	9	0	0	0	0	0	0	106
18:30	1	0	0	0	12	39	35	8	2	0	0	0	0	0	97
18:45	0	0	1	0	7	22	24	5	1	0	0	0	0	0	60
	6	0	3	0	30	154	123	31	3	0	1	0	0	0	351
19:00	4	0	0	0	0	37	18	8	2	2	0	0	0	0	71
19:15	1	0	0	0	7	28	14	6	2	0	0	0	0	0	58
19:30	4	2	1	1	3	26	24	5	1	0	0	0	0	0	67
19:45	0	0	0	1	9	20	9	4	0	1	0	0	0	0	44
	9	2	1	2	19	111	65	23	5	3	0	0	0	0	240
20:00	0	0	0	0	1	16	12	8	1	0	0	0	0	0	38
20:15	1	0	0	0	1	21	11	9	1	0	0	0	0	0	44
20:30	1	0	0	0	2	21	15	1	1	0	0	0	0	0	41
20:45	0	0	0	0	1	17	15	6	1	0	0	0	0	0	40
	2	0	0	0	5	75	53	24	4	0	0	0	0	0	163
21:00	0	0	0	0	1	14	15	6	2	0	0	0	0	0	38
21:15	0	0	0	0	4	9	11	8	2	1	0	0	0	0	35
21:30	2	0	0	0	0	6	14	4	3	1	0	0	0	0	30
21:45	0	0	0	0	2	5	4	4	2	1	0	0	0	0	18
	2	0	0	0	7	34	44	22	9	3	0	0	0	0	121
22:00	0	0	0	1	1	7	3	4	0	0	0	0	0	0	16
22:15	0	0	0	0	0	5	8	2	1	0	0	0	0	0	16
22:30	0	0	0	0	0	5	4	1	0	0	0	0	0	0	10
22:45	0	0	0	0	2	5	3	2	1	0	0	0	0	0	13
	0	0	0	1	3	22	18	9	2	0	0	0	0	0	55
23:00	0	0	0	0	1	21	23	3	0	0	0	0	0	0	48
23:15	0	0	0	0	2	12	2	1	2	0	0	0	0	0	19
23:30	0	0	0	0	5	12	2	2	0	0	0	0	0	0	21
23:45	0	0	0	0	5	5	5	3	0	0	0	0	0	0	18
	0	0	0	0	13	50	32	9	2	0	0	0	0	0	106
Total	89	4	10	26	266	1311	1058	410	70	15	1	0	0	1	3261

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	1	0	0	3	4	0	1	0	0	0	0	0	9
00:15	0	0	0	0	5	3	4	1	0	0	1	0	0	0	14
00:30	0	0	0	0	1	3	2	0	0	1	0	0	0	0	7
00:45	0	0	0	0	1	2	3	0	0	0	0	0	0	0	6
	0	0	1	0	7	11	13	1	1	1	1	0	0	0	36
01:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
01:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:30	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
01:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1	0	0	0	1	3	2	0	0	0	0	0	0	0	7
02:00	1	0	0	0	1	0	0	1	1	0	0	0	0	0	4
02:15	0	0	0	0	0	6	4	0	0	0	0	0	0	0	10
02:30	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
02:45	0	0	0	0	0	2	0	1	0	0	0	0	0	0	3
	1	0	0	0	1	9	4	2	1	1	0	0	0	0	19
03:00	0	0	0	0	0	4	1	1	0	1	1	0	0	0	8
03:15	0	0	0	0	0	3	0	0	1	0	0	0	0	0	4
03:30	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
03:45	0	1	0	0	0	1	1	0	0	0	0	0	0	0	3
	0	1	0	0	1	10	2	1	1	1	1	0	0	0	18
04:00	1	0	0	0	0	2	0	0	0	0	0	0	0	0	3
04:15	0	0	0	0	2	1	2	0	0	0	0	0	0	0	5
04:30	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
04:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	1	0	0	0	4	5	2	0	0	0	0	0	0	0	12
05:00	0	0	0	0	1	2	1	1	0	0	0	0	0	0	5
05:15	1	0	0	0	0	2	5	3	0	0	0	0	0	0	11
05:30	0	0	0	0	0	1	4	1	0	0	0	0	0	0	6
05:45	0	0	0	0	1	0	4	1	1	0	0	0	0	0	7
	1	0	0	0	2	5	14	6	1	0	0	0	0	0	29
06:00	1	0	0	0	0	7	6	8	1	0	0	0	0	0	23
06:15	1	0	0	0	0	5	8	5	3	0	0	0	0	0	22
06:30	1	0	0	0	2	9	12	5	1	1	0	0	0	0	31
06:45	2	0	1	0	0	5	14	11	0	0	0	0	0	0	33
	5	0	1	0	2	26	40	29	5	1	0	0	0	0	109
07:00	4	0	0	0	0	19	21	2	0	0	0	0	0	0	46
07:15	0	0	0	0	4	24	13	4	1	1	0	0	0	0	47
07:30	2	0	0	0	5	7	14	2	4	1	0	0	0	0	35
07:45	4	1	0	0	5	17	9	11	2	1	0	0	0	0	50
	10	1	0	0	14	67	57	19	7	3	0	0	0	0	178
08:00	6	0	0	0	8	13	20	8	3	0	0	0	0	0	58
08:15	5	0	0	0	4	28	23	15	1	1	0	0	0	0	77
08:30	3	0	0	0	3	15	14	11	4	0	0	0	0	0	50
08:45	5	0	3	1	4	11	14	2	3	0	0	0	0	0	43
	19	0	3	1	19	67	71	36	11	1	0	0	0	0	228
09:00	0	0	0	0	5	9	13	7	3	0	0	0	0	0	37
09:15	2	1	1	1	0	15	15	6	2	0	0	0	0	0	43
09:30	0	0	0	0	3	18	30	11	3	1	0	0	0	0	66
09:45	2	0	0	0	3	18	16	9	2	1	0	0	0	0	51
	4	1	1	1	11	60	74	33	10	2	0	0	0	0	197
10:00	0	0	0	0	3	9	10	14	2	0	0	0	0	0	38
10:15	2	0	0	0	5	16	15	9	0	2	0	0	0	0	49
10:30	0	0	0	2	1	10	20	10	3	1	1	0	0	0	48
10:45	0	0	0	1	13	22	15	7	1	0	0	0	0	0	59
	2	0	0	3	22	57	60	40	6	3	1	0	0	0	194
11:00	2	0	0	1	15	24	14	9	2	0	0	0	0	0	67
11:15	3	0	0	2	3	36	16	6	1	0	0	0	0	0	67
11:30	2	0	0	0	7	14	13	8	1	0	0	0	0	0	45
11:45	2	0	0	0	7	30	20	5	2	0	0	0	0	0	66
	9	0	0	3	32	104	63	28	6	0	0	0	0	0	245
Total	53	3	6	8	116	424	402	195	49	13	3	0	0	0	1272

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	1	0	0	0	6	24	27	10	2	0	0	0	0	0	70
12:15	1	0	0	0	10	27	22	10	2	0	0	0	0	0	72
12:30	2	0	0	1	12	32	28	13	1	0	0	0	0	0	89
12:45	1	0	0	0	5	29	24	9	2	0	0	0	0	0	70
	5	0	0	1	33	112	101	42	7	0	0	0	0	0	301
13:00	1	0	0	0	10	37	23	8	2	0	0	0	0	0	81
13:15	2	0	0	1	9	35	24	10	0	0	0	0	0	0	81
13:30	2	0	0	0	12	26	20	11	1	0	0	0	0	0	72
13:45	3	0	0	4	6	23	34	14	2	0	0	0	0	0	86
	8	0	0	5	37	121	101	43	5	0	0	0	0	0	320
14:00	4	0	0	1	3	24	28	10	4	1	0	0	0	0	75
14:15	3	0	0	1	4	22	18	20	2	1	0	0	0	0	71
14:30	1	0	0	0	4	35	27	12	2	1	0	0	0	0	82
14:45	2	0	0	0	8	36	34	9	0	0	0	0	0	0	89
	10	0	0	2	19	117	107	51	8	3	0	0	0	0	317
15:00	2	0	0	1	6	27	41	6	3	3	0	0	0	0	89
15:15	2	0	0	0	5	25	37	20	5	0	0	0	0	0	94
15:30	3	0	1	2	8	35	23	13	2	0	0	0	0	0	87
15:45	6	0	0	0	10	33	39	15	1	0	0	0	0	0	104
	13	0	1	3	29	120	140	54	11	3	0	0	0	0	374
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	36	0	1	11	118	470	449	190	31	6	0	0	0	0	1312
Grand Total	266	10	22	74	815	3307	2938	1183	251	49	4	0	0	1	8920

	15th Percentile :	34 MPH
	50th Percentile :	39 MPH
	85th Percentile :	45 MPH
	95th Percentile :	49 MPH
Stats	Mean Speed(Average) :	39 MPH
	10 MPH Pace Speed :	36-45 MPH
	Number in Pace :	5599
	Percent in Pace :	62.8%
	Number of Vehicles > 55 MPH :	54

Percent of Vehicles > 55 MPH : 0.6%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	3	0	0	0	7	45	36	7	1	0	0	0	0	0	99
16:15	4	0	0	0	3	33	38	8	0	0	0	0	0	0	86
16:30	4	0	0	0	4	19	23	6	6	0	0	0	0	0	62
16:45	4	0	0	0	1	23	35	6	1	1	0	0	0	0	71
	15	0	0	0	15	120	132	27	8	1	0	0	0	0	318
17:00	6	0	0	0	3	35	22	7	0	0	0	0	0	0	73
17:15	1	0	0	2	17	33	13	3	1	0	0	0	0	0	70
17:30	3	0	0	0	10	31	24	6	1	0	0	0	0	0	75
17:45	4	0	0	0	6	25	21	6	2	0	0	0	0	0	64
	14	0	0	2	36	124	80	22	4	0	0	0	0	0	282
18:00	0	0	0	2	6	14	23	9	0	0	0	0	0	0	54
18:15	0	0	0	1	9	30	20	8	2	0	0	0	0	0	70
18:30	2	0	0	0	5	33	19	3	2	0	0	0	0	0	64
18:45	2	0	0	0	2	25	26	3	2	1	0	0	0	0	61
	4	0	0	3	22	102	88	23	6	1	0	0	0	0	249
19:00	0	0	0	0	4	16	18	10	2	0	0	0	0	0	50
19:15	1	0	0	0	5	17	19	3	0	0	0	0	0	0	45
19:30	1	0	0	0	2	11	16	2	2	0	0	0	0	0	34
19:45	1	0	0	0	6	13	10	0	0	0	0	0	0	0	30
	3	0	0	0	17	57	63	15	4	0	0	0	0	0	159
20:00	1	0	0	0	1	14	8	2	0	0	0	0	0	0	26
20:15	1	0	0	0	2	14	12	2	0	0	0	0	0	0	31
20:30	0	0	0	0	0	11	6	4	2	0	0	0	0	0	23
20:45	0	0	0	0	1	7	3	1	0	0	0	0	0	0	12
	2	0	0	0	4	46	29	9	2	0	0	0	0	0	92
21:00	1	0	0	0	1	7	5	3	0	0	0	0	0	0	17
21:15	0	0	0	0	2	6	6	1	0	0	0	0	0	0	15
21:30	0	0	0	0	4	4	8	2	0	0	0	0	0	0	18
21:45	0	0	0	0	1	3	9	4	1	0	1	0	0	0	19
	1	0	0	0	8	20	28	10	1	0	1	0	0	0	69
22:00	0	0	0	0	3	2	5	0	1	0	0	0	0	0	11
22:15	0	0	0	0	0	3	10	2	0	0	0	0	0	0	15
22:30	0	0	0	0	1	11	11	2	1	0	0	0	0	0	26
22:45	0	0	0	0	3	7	3	1	1	0	0	0	0	0	15
	0	0	0	0	7	23	29	5	3	0	0	0	0	0	67
23:00	0	0	0	1	0	3	2	1	0	0	0	0	0	0	7
23:15	0	0	0	0	0	5	0	0	1	0	0	0	0	0	6
23:30	0	0	0	0	0	5	2	1	0	0	0	0	0	0	8
23:45	0	0	0	0	0	1	1	2	0	0	0	0	0	0	4
	0	0	0	1	0	14	5	4	1	0	0	0	0	0	25
Total	39	0	0	6	109	506	454	115	29	2	1	0	0	0	1261

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	0	0	0	0	1	3	0	0	0	0	0	0	0	0	4
00:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
00:30	0	0	0	0	0	4	3	1	0	0	0	0	0	0	8
00:45	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
	1	0	0	0	2	8	3	1	0	0	0	0	0	0	15
01:00	1	0	0	0	2	2	0	0	0	0	0	0	0	0	5
01:15	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
01:30	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	3	5	2	0	0	0	0	0	0	0	11
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:15	1	0	0	0	0	0	1	1	0	0	0	0	0	0	3
02:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	2	1	1	0	0	0	0	0	0	5
03:00	0	0	0	0	1	0	1	0	0	1	0	0	0	0	3
03:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:30	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
03:45	0	0	0	0	3	1	0	1	1	0	0	0	0	0	6
	0	0	0	0	4	2	2	2	1	1	0	0	0	0	12
04:00	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3
04:15	0	0	0	0	0	3	2	1	1	0	0	0	0	0	7
04:30	0	0	0	0	0	1	4	1	0	0	0	0	0	0	6
04:45	1	0	0	0	0	14	7	4	1	0	0	0	0	0	27
	1	0	0	2	0	19	13	6	2	0	0	0	0	0	43
05:00	0	0	0	0	2	7	7	1	0	0	0	0	0	0	17
05:15	0	0	0	0	2	9	17	0	0	0	0	0	0	0	28
05:30	3	0	0	0	1	19	22	6	1	0	0	0	0	0	52
05:45	0	0	0	0	0	17	25	7	3	0	0	0	0	0	52
	3	0	0	0	5	52	71	14	4	0	0	0	0	0	149
06:00	0	0	0	0	2	11	12	8	2	0	0	0	0	0	35
06:15	0	0	0	1	3	10	23	7	0	0	0	0	0	0	44
06:30	1	0	0	0	1	19	24	14	2	0	0	0	0	0	61
06:45	1	0	0	0	2	45	34	3	2	0	0	0	0	0	87
	2	0	0	1	8	85	93	32	6	0	0	0	0	0	227
07:00	1	0	0	0	2	27	43	7	1	0	0	0	0	0	81
07:15	0	0	0	0	11	44	22	10	2	0	0	0	0	0	89
07:30	1	0	0	0	5	31	30	15	0	0	0	0	0	1	83
07:45	2	0	0	0	11	64	48	5	0	0	0	0	0	0	130
	4	0	0	0	29	166	143	37	3	0	0	0	0	1	383
08:00	3	1	0	1	4	42	40	16	1	0	0	0	0	0	108
08:15	4	0	0	0	15	47	24	6	0	0	0	0	0	0	96
08:30	2	1	0	0	15	40	31	16	0	1	0	0	0	0	106
08:45	3	0	0	0	2	28	33	13	4	0	0	0	0	0	83
	12	2	0	1	36	157	128	51	5	1	0	0	0	0	393
09:00	2	0	0	0	7	33	27	2	0	0	0	0	0	0	71
09:15	1	0	0	0	5	21	33	7	0	2	0	0	0	0	69
09:30	1	0	0	0	2	25	15	8	1	0	0	0	0	0	52
09:45	1	0	0	0	6	20	18	11	2	0	0	0	0	0	58
	5	0	0	0	20	99	93	28	3	2	0	0	0	0	250
10:00	1	0	0	0	11	34	29	1	0	1	0	0	0	0	77
10:15	0	1	0	0	2	19	15	13	2	1	0	0	0	0	53
10:30	1	0	0	0	5	28	19	8	2	0	0	0	0	0	63
10:45	1	1	0	0	5	21	20	21	1	0	0	0	0	0	70
	3	2	0	0	23	102	83	43	5	2	0	0	0	0	263
11:00	3	0	4	0	6	26	22	5	1	1	0	0	0	0	68
11:15	1	0	0	0	8	25	16	6	4	0	0	0	0	0	60
11:30	3	0	0	0	2	18	29	4	1	0	0	0	0	0	57
11:45	0	0	0	0	5	23	29	8	2	0	0	0	0	0	67
	7	0	4	0	21	92	96	23	8	1	0	0	0	0	252
Total	40	4	4	4	151	789	728	238	37	7	0	0	0	1	2003

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	4	0	0	1	6	25	31	9	2	0	0	0	0	0	78
12:15	3	0	0	0	0	19	31	12	3	0	0	0	0	0	68
12:30	3	0	0	0	7	14	31	18	0	1	0	0	0	0	74
12:45	1	0	0	0	10	18	29	7	1	0	0	0	0	0	66
	11	0	0	1	23	76	122	46	6	1	0	0	0	0	286
13:00	3	0	0	0	0	22	24	18	3	0	0	0	0	0	70
13:15	2	0	0	0	3	21	28	9	2	0	0	0	0	0	65
13:30	5	0	0	0	2	25	23	14	1	0	0	0	0	0	70
13:45	2	0	0	2	0	14	34	7	4	0	1	0	0	0	64
	12	0	0	2	5	82	109	48	10	0	1	0	0	0	269
14:00	4	0	0	0	4	21	28	11	4	0	0	0	0	0	72
14:15	4	0	0	2	7	26	29	10	4	0	0	0	0	0	82
14:30	1	0	0	0	2	16	29	15	4	4	0	0	0	0	71
14:45	1	0	0	0	3	19	40	13	2	0	0	0	0	0	78
	10	0	0	2	16	82	126	49	14	4	0	0	0	0	303
15:00	5	0	0	0	0	18	21	14	10	2	0	0	0	0	70
15:15	1	0	0	0	3	7	27	15	0	1	0	0	0	0	54
15:30	3	0	0	0	4	25	25	12	2	1	0	0	0	0	72
15:45	3	0	0	0	5	22	34	23	2	1	1	0	0	0	91
	12	0	0	0	12	72	107	64	14	5	1	0	0	0	287
16:00	4	0	0	0	3	11	44	13	6	1	0	0	0	0	82
16:15	4	0	0	0	4	13	23	13	3	0	0	0	0	0	60
16:30	2	0	1	0	2	36	23	6	4	1	0	0	0	0	75
16:45	7	0	0	0	3	18	28	19	3	0	0	0	0	0	78
	17	0	1	0	12	78	118	51	16	2	0	0	0	0	295
17:00	4	0	0	0	0	23	37	12	2	0	0	0	0	0	78
17:15	4	0	0	0	3	41	31	11	0	1	0	0	0	0	91
17:30	2	0	0	0	7	23	36	9	4	0	0	0	0	0	81
17:45	5	0	0	0	7	26	26	9	0	0	0	0	0	0	73
	15	0	0	0	17	113	130	41	6	1	0	0	0	0	323
18:00	1	1	0	2	2	24	31	9	2	0	0	0	0	0	72
18:15	4	0	0	1	10	20	23	13	3	0	0	0	0	0	74
18:30	1	0	0	0	9	21	17	8	0	0	0	0	0	0	56
18:45	0	0	0	0	5	24	31	5	0	0	0	0	0	0	65
	6	1	0	3	26	89	102	35	5	0	0	0	0	0	267
19:00	0	0	0	0	1	16	20	10	2	0	0	0	0	0	49
19:15	1	0	0	0	0	16	18	3	1	0	0	0	0	0	39
19:30	1	0	0	0	2	8	15	7	2	0	0	0	0	0	35
19:45	3	1	0	0	3	11	21	6	1	0	0	0	0	0	46
	5	1	0	0	6	51	74	26	6	0	0	0	0	0	169
20:00	0	0	0	0	1	15	17	6	1	0	0	0	0	0	40
20:15	1	0	0	0	2	11	12	3	2	0	0	0	0	0	31
20:30	1	0	0	0	4	7	11	5	1	0	0	0	0	0	29
20:45	0	0	0	0	1	12	14	3	1	0	0	0	0	0	31
	2	0	0	0	8	45	54	17	5	0	0	0	0	0	131
21:00	0	0	0	0	3	8	4	3	5	0	0	0	0	0	23
21:15	2	0	0	0	0	6	4	4	1	0	0	0	0	0	17
21:30	0	0	0	0	0	5	13	6	0	1	0	0	0	0	25
21:45	0	0	0	0	1	5	5	8	0	0	0	0	0	0	19
	2	0	0	0	4	24	26	21	6	1	0	0	0	0	84
22:00	0	0	0	0	0	4	6	3	1	0	0	0	0	0	14
22:15	0	0	0	0	1	3	5	1	0	0	0	0	0	0	10
22:30	0	0	0	0	0	10	8	4	2	0	0	0	0	0	24
22:45	0	0	0	0	0	5	1	5	0	0	0	0	0	0	11
	0	0	0	0	1	22	20	13	3	0	0	0	0	0	59
23:00	1	0	0	0	1	1	4	2	1	0	0	0	0	0	10
23:15	0	0	0	0	0	2	4	0	1	0	0	0	0	0	7
23:30	0	0	0	0	0	1	9	4	2	0	0	0	0	0	16
23:45	0	0	0	0	0	4	0	2	0	0	0	0	0	0	6
	1	0	0	0	1	8	17	8	4	0	0	0	0	0	39
Total	93	2	1	8	131	742	1005	419	95	14	2	0	0	0	2512

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
00:15	0	0	0	0	0	2	4	0	1	0	0	0	0	0	7
00:30	0	0	0	2	1	0	3	0	0	0	0	0	0	0	6
00:45	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4
	0	0	0	2	1	5	8	2	1	0	0	0	0	0	19
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	0	0	0	0	0	1	1	0	2	0	0	0	0	0	4
02:00	0	0	0	0	0	1	3	0	0	0	1	0	0	0	5
02:15	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4
02:30	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
02:45	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
	0	0	0	0	1	1	7	1	2	0	1	0	0	0	13
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03:15	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
03:45	0	0	0	0	1	0	2	1	0	0	1	0	0	0	5
	0	0	0	0	1	0	4	1	1	0	2	0	0	0	9
04:00	1	0	0	0	2	0	2	0	0	0	0	0	0	0	5
04:15	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
04:30	0	0	0	0	0	2	8	1	0	0	0	0	0	0	11
04:45	0	0	0	0	1	3	10	5	1	0	0	0	0	0	20
	1	0	0	0	3	6	21	6	1	0	0	0	0	0	38
05:00	0	0	0	0	0	4	6	3	0	0	0	0	0	0	13
05:15	0	0	0	0	0	5	4	5	0	0	0	0	0	0	14
05:30	2	0	0	0	2	14	19	5	0	0	0	0	0	0	42
05:45	0	0	0	0	4	18	21	9	0	0	0	0	0	0	52
	2	0	0	0	6	41	50	22	0	0	0	0	0	0	121
06:00	0	0	0	0	2	13	15	4	3	0	0	0	0	0	37
06:15	0	0	0	0	1	11	21	8	0	3	0	0	0	0	44
06:30	1	0	0	1	0	10	19	14	2	0	0	0	0	0	47
06:45	1	0	0	1	2	26	32	12	1	0	0	0	0	0	75
	2	0	0	2	5	60	87	38	6	3	0	0	0	0	203
07:00	3	0	0	0	2	19	28	6	3	0	0	0	0	0	61
07:15	0	0	0	0	4	44	35	8	2	0	0	0	0	0	93
07:30	3	0	0	0	0	35	43	21	3	0	0	0	0	0	105
07:45	5	1	0	0	11	39	65	12	2	0	0	0	0	0	135
	11	1	0	0	17	137	171	47	10	0	0	0	0	0	394
08:00	1	0	0	0	6	27	43	19	6	0	0	0	0	0	102
08:15	3	0	0	0	0	38	38	13	6	0	0	0	0	0	98
08:30	3	1	0	0	5	28	35	10	4	0	0	0	0	0	86
08:45	3	0	0	0	6	20	24	6	6	0	0	0	0	0	65
	10	1	0	0	17	113	140	48	22	0	0	0	0	0	351
09:00	0	0	0	0	1	23	31	14	1	0	0	0	0	0	70
09:15	2	0	0	1	0	13	25	14	6	0	0	0	0	0	61
09:30	1	0	0	0	2	16	22	23	4	0	0	0	0	0	68
09:45	1	0	0	0	1	16	29	14	3	0	0	0	0	0	64
	4	0	0	1	4	68	107	65	14	0	0	0	0	0	263
10:00	0	0	0	0	1	15	35	11	3	1	0	0	0	0	66
10:15	2	0	0	0	0	14	32	20	2	1	0	0	0	0	71
10:30	2	0	0	0	2	29	30	8	1	0	1	0	0	0	73
10:45	2	0	0	0	6	25	24	9	1	1	0	0	0	0	68
	6	0	0	0	9	83	121	48	7	3	1	0	0	0	278
11:00	0	0	0	0	3	22	21	9	4	0	0	0	0	0	59
11:15	3	1	0	1	3	16	29	12	0	0	0	0	0	0	65
11:30	3	0	0	0	1	24	31	13	2	1	0	0	0	0	75
11:45	0	0	0	0	2	24	38	18	4	0	0	0	0	0	86
	6	1	0	1	9	86	119	52	10	1	0	0	0	0	285
Total	42	3	0	6	73	601	836	330	76	7	4	0	0	0	1978

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	3	0	0	0	0	11	39	20	3	0	1	0	0	0	77
12:15	6	0	0	0	1	19	35	22	3	0	0	0	0	0	86
12:30	5	0	0	0	2	25	32	14	5	0	0	0	0	0	83
12:45	2	0	0	2	3	25	26	7	5	0	1	0	0	0	71
	16	0	0	2	6	80	132	63	16	0	2	0	0	0	317
13:00	3	0	0	0	2	13	29	14	2	0	0	0	0	0	63
13:15	2	0	0	0	1	20	33	13	4	0	0	0	0	0	73
13:30	2	0	0	1	2	22	20	12	3	1	0	0	0	0	63
13:45	2	0	0	0	1	10	35	14	6	0	0	0	0	0	68
	9	0	0	1	6	65	117	53	15	1	0	0	0	0	267
14:00	2	0	0	0	1	31	33	17	1	0	0	0	0	0	85
14:15	3	0	0	0	2	25	37	11	2	0	0	0	0	0	80
14:30	4	0	0	0	1	12	29	14	4	1	1	0	0	0	66
14:45	3	0	0	1	2	16	26	18	2	0	0	0	0	0	68
	12	0	0	1	6	84	125	60	9	1	1	0	0	0	299
15:00	2	0	1	0	4	19	29	16	6	0	0	0	0	0	77
15:15	4	0	0	0	2	18	24	21	7	1	0	0	0	0	77
15:30	3	0	0	0	1	16	31	8	2	0	0	0	0	0	61
15:45	3	0	0	0	3	24	41	10	4	0	0	0	0	0	85
	12	0	1	0	10	77	125	55	19	1	0	0	0	0	300
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	49	0	1	4	28	306	499	231	59	3	3	0	0	0	1183
Grand Total	263	9	6	28	492	2944	3522	1333	296	33	10	0	0	1	8937

	15th Percentile :	35 MPH
	50th Percentile :	40 MPH
	85th Percentile :	46 MPH
	95th Percentile :	50 MPH
Stats	Mean Speed(Average) :	40 MPH
	10 MPH Pace Speed :	37-46 MPH
	Number in Pace :	5818
	Percent in Pace :	65.1%
	Number of Vehicles > 55 MPH :	44

Percent of Vehicles > 55 MPH : 0.5%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	3	0	0	1	17	76	71	21	2	0	0	0	0	0	191
16:15	10	0	0	2	12	67	84	22	3	0	0	0	0	0	200
16:30	7	0	1	6	17	68	65	18	7	0	0	0	0	0	189
16:45	13	0	1	2	19	54	82	18	3	2	0	0	0	0	194
	33	0	2	11	65	265	302	79	15	2	0	0	0	0	774
17:00	11	0	0	1	11	70	64	20	3	0	0	0	0	0	180
17:15	4	0	0	2	28	88	65	15	5	0	0	0	0	0	207
17:30	7	0	0	0	22	69	64	14	4	0	0	0	0	0	180
17:45	7	0	0	0	15	57	62	16	7	0	0	0	0	0	164
	29	0	0	3	76	284	255	65	19	0	0	0	0	0	731
18:00	5	0	1	2	22	47	50	18	0	0	0	0	0	0	145
18:15	1	0	0	4	21	65	42	15	3	1	0	0	0	0	152
18:30	4	0	0	0	11	59	30	7	5	1	0	0	0	0	117
18:45	5	2	0	0	12	53	45	10	4	1	0	0	0	0	132
	15	2	1	6	66	224	167	50	12	3	0	0	0	0	546
19:00	1	0	0	0	10	42	43	19	3	0	0	0	0	0	118
19:15	2	0	0	0	11	40	34	10	3	0	0	0	0	0	100
19:30	2	0	0	0	3	29	38	10	4	0	0	0	0	0	86
19:45	1	0	0	0	10	41	24	9	1	0	0	0	0	0	86
	6	0	0	0	34	152	139	48	11	0	0	0	0	0	390
20:00	4	0	0	0	7	31	24	9	0	0	0	0	0	0	75
20:15	1	0	0	1	6	32	25	7	0	0	0	0	0	0	72
20:30	0	0	0	0	2	25	18	9	3	0	0	0	0	0	57
20:45	0	0	0	0	1	17	13	3	2	0	0	0	0	0	36
	5	0	0	1	16	105	80	28	5	0	0	0	0	0	240
21:00	1	0	0	0	4	15	16	10	1	0	0	0	0	0	47
21:15	0	0	0	0	4	12	14	7	0	2	0	0	0	0	39
21:30	0	0	0	0	5	11	16	7	2	0	0	0	0	0	41
21:45	1	0	0	0	2	10	15	4	2	0	1	0	0	0	35
	2	0	0	0	15	48	61	28	5	2	1	0	0	0	162
22:00	1	0	0	0	4	8	12	2	3	0	0	0	0	0	30
22:15	0	0	0	0	2	8	15	7	0	0	0	0	0	0	32
22:30	0	0	0	1	2	15	16	4	1	1	0	0	0	0	40
22:45	0	0	0	0	6	14	6	3	1	0	0	0	0	0	30
	1	0	0	1	14	45	49	16	5	1	0	0	0	0	132
23:00	0	0	0	1	3	21	14	4	0	0	0	0	0	0	43
23:15	0	0	0	0	1	13	7	0	3	0	0	0	0	0	24
23:30	0	0	0	0	1	9	5	2	0	0	0	0	0	0	17
23:45	0	0	0	0	0	3	4	5	1	0	0	0	0	0	13
	0	0	0	1	5	46	30	11	4	0	0	0	0	0	97
Total	91	2	3	23	291	1169	1083	325	76	8	1	0	0	0	3072

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	1	0	1	0	1	4	1	2	0	0	0	0	0	0	10
00:15	0	0	0	1	1	2	3	2	0	0	0	0	0	0	9
00:30	0	0	0	0	2	7	5	1	0	0	0	0	0	0	15
00:45	1	0	0	0	0	1	0	2	0	0	0	0	0	0	4
	2	0	1	1	4	14	9	7	0	0	0	0	0	0	38
01:00	1	0	0	0	4	2	1	0	0	0	0	0	0	0	8
01:15	0	0	0	0	0	4	5	1	0	0	0	0	0	0	10
01:30	0	0	0	0	1	1	2	0	0	0	0	0	0	0	4
01:45	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	1	0	0	0	5	8	8	1	0	0	0	0	0	0	23
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:15	1	0	0	0	0	2	3	1	0	0	0	0	0	0	7
02:30	0	0	0	0	0	3	3	1	0	0	0	0	0	0	7
02:45	0	0	0	0	1	3	4	1	0	0	0	0	0	0	9
	1	0	0	0	1	9	10	3	0	0	0	0	0	0	24
03:00	0	0	0	0	1	5	1	1	0	1	0	0	0	0	9
03:15	0	0	0	0	1	5	0	0	0	0	0	0	0	0	6
03:30	0	0	0	0	0	4	5	1	0	0	0	0	0	0	10
03:45	0	0	0	0	3	1	1	1	1	0	0	0	0	0	7
	0	0	0	0	5	15	7	3	1	1	0	0	0	0	32
04:00	0	0	0	2	2	1	0	0	0	0	0	0	0	0	5
04:15	0	0	0	0	0	3	3	2	1	1	0	0	0	0	10
04:30	0	0	0	1	0	2	4	1	0	0	0	0	0	0	8
04:45	1	0	0	0	0	15	8	4	1	0	0	0	0	0	29
	1	0	0	3	2	21	15	7	2	1	0	0	0	0	52
05:00	0	0	0	2	2	8	8	2	0	0	0	0	0	0	22
05:15	0	0	0	0	3	9	22	2	1	0	0	0	0	0	37
05:30	3	0	0	0	1	22	26	7	1	0	0	0	0	0	60
05:45	0	0	0	0	1	19	28	7	4	0	0	0	0	0	59
	3	0	0	2	7	58	84	18	6	0	0	0	0	0	178
06:00	0	0	0	0	2	19	19	11	4	0	0	0	0	0	55
06:15	1	0	0	1	4	13	29	12	2	0	0	0	0	0	62
06:30	3	0	0	1	3	26	35	19	2	0	0	0	0	0	89
06:45	3	0	0	0	2	55	42	7	5	0	0	0	0	0	114
	7	0	0	2	11	113	125	49	13	0	0	0	0	0	320
07:00	1	0	0	1	7	56	74	9	3	0	0	0	0	0	151
07:15	1	0	0	0	22	63	33	16	4	0	0	0	0	0	139
07:30	2	0	0	0	12	44	41	26	2	1	0	0	0	1	129
07:45	5	0	0	0	15	83	67	14	1	0	0	0	0	0	185
	9	0	0	1	56	246	215	65	10	1	0	0	0	1	604
08:00	4	2	0	1	15	64	57	21	6	0	0	0	0	0	170
08:15	6	0	0	0	25	67	47	17	0	0	0	0	0	0	162
08:30	2	1	0	0	19	56	46	21	3	1	0	0	0	0	149
08:45	4	0	0	0	12	49	47	16	4	0	0	0	0	0	132
	16	3	0	1	71	236	197	75	13	1	0	0	0	0	613
09:00	6	0	1	1	10	49	36	9	1	2	0	0	0	0	115
09:15	2	0	0	2	10	35	50	14	3	5	0	0	0	0	121
09:30	2	0	0	0	3	52	29	20	3	0	0	0	0	0	109
09:45	3	0	0	0	9	31	35	20	3	0	0	0	0	0	101
	13	0	1	3	32	167	150	63	10	7	0	0	0	0	446
10:00	5	0	0	0	13	54	45	5	2	1	0	0	0	0	125
10:15	0	1	0	1	6	36	29	27	4	2	0	0	0	0	106
10:30	1	0	0	0	11	39	34	14	8	0	0	0	0	0	107
10:45	4	1	0	2	9	33	30	29	3	0	0	0	0	0	111
	10	2	0	3	39	162	138	75	17	3	0	0	0	0	449
11:00	5	0	4	0	16	46	43	16	4	1	0	0	0	0	135
11:15	1	0	0	0	14	47	37	13	7	0	0	0	0	0	119
11:30	4	0	0	0	10	39	47	9	3	1	0	0	0	0	113
11:45	3	0	0	0	11	47	43	12	5	0	0	0	0	0	121
	13	0	4	0	51	179	170	50	19	2	0	0	0	0	488
Total	76	5	6	16	284	1228	1128	416	91	16	0	0	0	1	3267

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	10	0	0	2	13	49	64	16	3	1	0	0	0	0	158
12:15	5	0	0	0	4	55	48	27	8	0	0	0	0	0	147
12:30	4	0	1	3	15	38	52	29	0	1	0	0	0	0	143
12:45	5	0	0	0	17	40	47	20	2	0	0	0	0	0	131
	24	0	1	5	49	182	211	92	13	2	0	0	0	0	579
13:00	5	0	0	0	5	36	42	28	8	0	0	0	0	0	124
13:15	5	0	0	3	16	45	50	21	3	1	0	0	0	0	144
13:30	6	0	0	0	8	54	51	25	1	0	0	0	0	0	145
13:45	3	0	0	4	10	41	58	19	7	0	1	0	0	0	143
	19	0	0	7	39	176	201	93	19	1	1	0	0	0	556
14:00	6	0	1	2	11	44	53	23	6	0	0	0	0	0	146
14:15	6	0	0	4	13	47	52	18	4	0	0	0	0	0	144
14:30	2	0	0	0	3	41	44	34	7	4	0	0	0	0	135
14:45	7	0	0	0	16	53	70	22	2	0	0	0	0	0	170
	21	0	1	6	43	185	219	97	19	4	0	0	0	0	595
15:00	8	0	0	0	1	48	67	27	12	2	0	0	0	0	165
15:15	3	0	1	1	6	47	53	30	3	2	0	0	0	0	146
15:30	12	0	0	0	4	66	61	20	4	3	0	0	0	0	170
15:45	4	0	0	2	20	78	63	35	4	2	1	0	0	0	209
	27	0	1	3	31	239	244	112	23	9	1	0	0	0	690
16:00	8	0	1	0	13	45	80	24	10	1	0	0	0	0	182
16:15	7	2	2	5	10	59	68	22	6	0	0	0	0	0	181
16:30	4	0	1	0	6	77	65	18	8	3	0	0	0	0	182
16:45	9	0	0	0	9	78	60	40	3	1	0	0	0	0	200
	28	2	4	5	38	259	273	104	27	5	0	0	0	0	745
17:00	10	0	0	0	18	71	84	25	2	0	0	0	0	1	211
17:15	8	0	0	0	23	109	65	25	2	1	0	0	0	0	233
17:30	4	0	0	1	18	78	77	24	4	0	0	0	0	0	206
17:45	6	0	0	1	15	69	61	19	2	0	0	0	0	0	173
	28	0	0	2	74	327	287	93	10	1	0	0	0	1	823
18:00	2	1	2	2	5	64	63	18	2	0	1	0	0	0	160
18:15	8	0	0	1	18	73	55	22	3	0	0	0	0	0	180
18:30	2	0	0	0	21	60	52	16	2	0	0	0	0	0	153
18:45	0	0	1	0	12	46	55	10	1	0	0	0	0	0	125
	12	1	3	3	56	243	225	66	8	0	1	0	0	0	618
19:00	4	0	0	0	1	53	38	18	4	2	0	0	0	0	120
19:15	2	0	0	0	7	44	32	9	3	0	0	0	0	0	97
19:30	5	2	1	1	5	34	39	12	3	0	0	0	0	0	102
19:45	3	1	0	1	12	31	30	10	1	1	0	0	0	0	90
	14	3	1	2	25	162	139	49	11	3	0	0	0	0	409
20:00	0	0	0	0	2	31	29	14	2	0	0	0	0	0	78
20:15	2	0	0	0	3	32	23	12	3	0	0	0	0	0	75
20:30	2	0	0	0	6	28	26	6	2	0	0	0	0	0	70
20:45	0	0	0	0	2	29	29	9	2	0	0	0	0	0	71
	4	0	0	0	13	120	107	41	9	0	0	0	0	0	294
21:00	0	0	0	0	4	22	19	9	7	0	0	0	0	0	61
21:15	2	0	0	0	4	15	15	12	3	1	0	0	0	0	52
21:30	2	0	0	0	0	11	27	10	3	2	0	0	0	0	55
21:45	0	0	0	0	3	10	9	12	2	1	0	0	0	0	37
	4	0	0	0	11	58	70	43	15	4	0	0	0	0	205
22:00	0	0	0	1	1	11	9	7	1	0	0	0	0	0	30
22:15	0	0	0	0	1	8	13	3	1	0	0	0	0	0	26
22:30	0	0	0	0	0	15	12	5	2	0	0	0	0	0	34
22:45	0	0	0	0	2	10	4	7	1	0	0	0	0	0	24
	0	0	0	1	4	44	38	22	5	0	0	0	0	0	114
23:00	1	0	0	0	2	22	27	5	1	0	0	0	0	0	58
23:15	0	0	0	0	2	14	6	1	3	0	0	0	0	0	26
23:30	0	0	0	0	5	13	11	6	2	0	0	0	0	0	37
23:45	0	0	0	0	5	9	5	5	0	0	0	0	0	0	24
	1	0	0	0	14	58	49	17	6	0	0	0	0	0	145
Total	182	6	11	34	397	2053	2063	829	165	29	3	0	0	1	5773

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	1	0	0	4	4	1	1	0	0	0	0	0	11
00:15	0	0	0	0	5	5	8	1	1	0	1	0	0	0	21
00:30	0	0	0	2	2	3	5	0	0	1	0	0	0	0	13
00:45	0	0	0	0	1	4	4	1	0	0	0	0	0	0	10
	0	0	1	2	8	16	21	3	2	1	1	0	0	0	55
01:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
01:15	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
01:30	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
01:45	1	0	0	0	0	0	0	0	2	0	0	0	0	0	3
	1	0	0	0	1	4	3	0	2	0	0	0	0	0	11
02:00	1	0	0	0	1	1	3	1	1	0	1	0	0	0	9
02:15	0	0	0	0	0	6	6	1	1	0	0	0	0	0	14
02:30	0	0	0	0	0	1	1	0	1	1	0	0	0	0	4
02:45	0	0	0	0	1	2	1	1	0	0	0	0	0	0	5
	1	0	0	0	2	10	11	3	3	1	1	0	0	0	32
03:00	0	0	0	0	0	4	1	1	1	1	1	0	0	0	9
03:15	0	0	0	0	0	3	2	0	1	0	0	0	0	0	6
03:30	0	0	0	0	1	2	0	0	0	0	1	0	0	0	4
03:45	0	1	0	0	1	1	3	1	0	0	1	0	0	0	8
	0	1	0	0	2	10	6	2	2	1	3	0	0	0	27
04:00	2	0	0	0	2	2	2	0	0	0	0	0	0	0	8
04:15	0	0	0	0	2	2	3	0	0	0	0	0	0	0	7
04:30	0	0	0	0	1	4	8	1	0	0	0	0	0	0	14
04:45	0	0	0	0	2	3	10	5	1	0	0	0	0	0	21
	2	0	0	0	7	11	23	6	1	0	0	0	0	0	50
05:00	0	0	0	0	1	6	7	4	0	0	0	0	0	0	18
05:15	1	0	0	0	0	7	9	8	0	0	0	0	0	0	25
05:30	2	0	0	0	2	15	23	6	0	0	0	0	0	0	48
05:45	0	0	0	0	5	18	25	10	1	0	0	0	0	0	59
	3	0	0	0	8	46	64	28	1	0	0	0	0	0	150
06:00	1	0	0	0	2	20	21	12	4	0	0	0	0	0	60
06:15	1	0	0	0	1	16	29	13	3	3	0	0	0	0	66
06:30	2	0	0	1	2	19	31	19	3	1	0	0	0	0	78
06:45	3	0	1	1	2	31	46	23	1	0	0	0	0	0	108
	7	0	1	2	7	86	127	67	11	4	0	0	0	0	312
07:00	7	0	0	0	2	38	49	8	3	0	0	0	0	0	107
07:15	0	0	0	0	8	68	48	12	3	1	0	0	0	0	140
07:30	5	0	0	0	5	42	57	23	7	1	0	0	0	0	140
07:45	9	2	0	0	16	56	74	23	4	1	0	0	0	0	185
	21	2	0	0	31	204	228	66	17	3	0	0	0	0	572
08:00	7	0	0	0	14	40	63	27	9	0	0	0	0	0	160
08:15	8	0	0	0	4	66	61	28	7	1	0	0	0	0	175
08:30	6	1	0	0	8	43	49	21	8	0	0	0	0	0	136
08:45	8	0	3	1	10	31	38	8	9	0	0	0	0	0	108
	29	1	3	1	36	180	211	84	33	1	0	0	0	0	579
09:00	0	0	0	0	6	32	44	21	4	0	0	0	0	0	107
09:15	4	1	1	2	0	28	40	20	8	0	0	0	0	0	104
09:30	1	0	0	0	5	34	52	34	7	1	0	0	0	0	134
09:45	3	0	0	0	4	34	45	23	5	1	0	0	0	0	115
	8	1	1	2	15	128	181	98	24	2	0	0	0	0	460
10:00	0	0	0	0	4	24	45	25	5	1	0	0	0	0	104
10:15	4	0	0	0	5	30	47	29	2	3	0	0	0	0	120
10:30	2	0	0	2	3	39	50	18	4	1	2	0	0	0	121
10:45	2	0	0	1	19	47	39	16	2	1	0	0	0	0	127
	8	0	0	3	31	140	181	88	13	6	2	0	0	0	472
11:00	2	0	0	1	18	46	35	18	6	0	0	0	0	0	126
11:15	6	1	0	3	6	52	45	18	1	0	0	0	0	0	132
11:30	5	0	0	0	8	38	44	21	3	1	0	0	0	0	120
11:45	2	0	0	0	9	54	58	23	6	0	0	0	0	0	152
	15	1	0	4	41	190	182	80	16	1	0	0	0	0	530
Total	95	6	6	14	189	1025	1238	525	125	20	7	0	0	0	3250

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 10
NC 56
West of Lake Rogers
Date Start: 02-Dec-14

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	4	0	0	0	6	35	66	30	5	0	1	0	0	0	147
12:15	7	0	0	0	11	46	57	32	5	0	0	0	0	0	158
12:30	7	0	0	1	14	57	60	27	6	0	0	0	0	0	172
12:45	3	0	0	2	8	54	50	16	7	0	1	0	0	0	141
	21	0	0	3	39	192	233	105	23	0	2	0	0	0	618
13:00	4	0	0	0	12	50	52	22	4	0	0	0	0	0	144
13:15	4	0	0	1	10	55	57	23	4	0	0	0	0	0	154
13:30	4	0	0	1	14	48	40	23	4	1	0	0	0	0	135
13:45	5	0	0	4	7	33	69	28	8	0	0	0	0	0	154
	17	0	0	6	43	186	218	96	20	1	0	0	0	0	587
14:00	6	0	0	1	4	55	61	27	5	1	0	0	0	0	160
14:15	6	0	0	1	6	47	55	31	4	1	0	0	0	0	151
14:30	5	0	0	0	5	47	56	26	6	2	1	0	0	0	148
14:45	5	0	0	1	10	52	60	27	2	0	0	0	0	0	157
	22	0	0	3	25	201	232	111	17	4	1	0	0	0	616
15:00	4	0	1	1	10	46	70	22	9	3	0	0	0	0	166
15:15	6	0	0	0	7	43	61	41	12	1	0	0	0	0	171
15:30	6	0	1	2	9	51	54	21	4	0	0	0	0	0	148
15:45	9	0	0	0	13	57	80	25	5	0	0	0	0	0	189
	25	0	2	3	39	197	265	109	30	4	0	0	0	0	674
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	85	0	2	15	146	776	948	421	90	9	3	0	0	0	2495
Grand Total	529	19	28	102	1307	6251	6460	2516	547	82	14	0	0	2	17857

15th Percentile :	34 MPH
50th Percentile :	40 MPH
85th Percentile :	46 MPH
95th Percentile :	49 MPH

Stats

Mean Speed(Average) :	40 MPH
10 MPH Pace Speed :	36-45 MPH
Number in Pace :	11369
Percent in Pace :	63.7%
Number of Vehicles > 55 MPH :	98

Percent of Vehicles > 55 MPH : 0.5%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	2	6	10	2	1	0	0	0	0	0	0	21
16:15	0	0	1	0	5	4	4	2	0	0	1	0	0	0	17
16:30	0	0	0	0	2	12	2	0	0	0	0	0	0	0	16
16:45	0	0	0	1	1	6	2	1	0	0	0	0	0	0	11
	0	0	1	3	14	32	10	4	0	0	1	0	0	0	65
17:00	0	0	0	0	3	12	7	3	0	0	0	0	0	0	25
17:15	0	0	0	0	4	6	0	2	0	0	0	0	0	0	12
17:30	2	0	0	0	5	8	4	2	0	0	0	0	0	0	21
17:45	0	0	0	2	1	4	3	2	0	0	0	0	0	0	12
	2	0	0	2	13	30	14	9	0	0	0	0	0	0	70
18:00	0	0	0	0	2	3	7	1	0	1	0	0	0	0	14
18:15	0	0	0	1	4	13	3	0	0	0	0	0	0	0	21
18:30	0	0	0	0	1	2	6	0	1	0	0	0	0	0	10
18:45	0	0	0	0	2	5	2	3	1	0	0	0	0	0	13
	0	0	0	1	9	23	18	4	2	1	0	0	0	0	58
19:00	0	0	0	0	1	7	0	2	0	0	0	0	0	0	10
19:15	0	0	0	0	1	8	2	0	0	0	0	0	0	0	11
19:30	0	0	0	0	4	3	1	1	0	0	0	0	0	0	9
19:45	0	0	0	0	1	3	0	2	0	0	0	0	0	0	6
	0	0	0	0	7	21	3	5	0	0	0	0	0	0	36
20:00	0	1	1	0	3	4	1	0	1	0	0	0	0	0	11
20:15	0	0	0	0	1	0	2	1	1	0	0	0	0	0	5
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	3	0	1	1	0	0	0	0	0	0	5
	0	1	1	0	7	4	4	2	2	0	0	0	0	0	21
21:00	0	0	0	0	1	0	3	1	0	0	0	0	0	0	5
21:15	0	0	0	0	1	3	2	0	1	0	0	0	0	0	7
21:30	0	0	0	0	1	3	1	1	0	0	0	0	0	0	6
21:45	0	0	0	0	3	2	2	0	0	0	0	0	0	0	7
	0	0	0	0	6	8	8	2	1	0	0	0	0	0	25
22:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
22:15	0	0	0	1	1	0	1	1	0	0	0	0	0	0	4
22:30	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
22:45	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
	0	0	0	1	2	5	2	2	0	0	0	0	0	0	12
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
23:30	0	0	0	0	0	1	0	3	0	0	0	0	0	0	4
23:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	2	2	0	3	0	0	0	0	0	0	7
Total	2	1	2	7	60	125	59	31	5	1	1	0	0	0	294

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
00:15	0	0	0	2	0	0	1	0	0	1	0	0	0	0	4
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
	0	0	0	3	0	1	1	0	1	1	0	0	0	0	7
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
01:30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
04:15	0	0	0	2	0	0	1	0	0	0	0	0	0	0	3
04:30	0	0	0	0	1	3	1	0	0	1	0	0	0	0	6
04:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	0	0	0	2	1	4	3	0	1	1	0	0	0	0	12
05:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
05:15	0	0	0	0	1	0	1	1	0	0	0	0	0	0	3
05:30	0	0	0	0	3	3	0	1	0	0	0	0	0	0	7
05:45	0	0	0	1	4	2	0	1	0	0	0	0	0	0	8
	0	0	0	1	8	6	2	4	0	0	0	0	0	0	21
06:00	0	0	0	1	2	4	4	0	1	0	0	0	0	0	12
06:15	0	0	0	0	3	7	2	1	0	0	0	0	0	0	13
06:30	0	0	0	0	7	9	1	2	0	0	0	0	0	0	19
06:45	0	0	0	1	4	5	3	1	0	0	0	0	0	0	14
	0	0	0	2	16	25	10	4	1	0	0	0	0	0	58
07:00	0	0	0	0	6	13	6	1	0	0	0	0	0	0	26
07:15	1	0	1	0	2	10	7	3	0	0	0	0	0	0	24
07:30	0	0	0	1	3	11	6	2	0	0	0	0	0	0	23
07:45	1	0	0	0	4	15	5	2	1	0	0	0	0	0	28
	2	0	1	1	15	49	24	8	1	0	0	0	0	0	101
08:00	0	0	0	1	6	13	8	4	0	0	0	0	0	0	32
08:15	0	0	0	0	3	10	2	1	2	0	0	0	0	0	18
08:30	0	0	0	2	2	7	4	0	0	0	0	0	0	0	15
08:45	0	0	0	2	0	8	3	0	0	0	0	0	0	0	13
	0	0	0	5	11	38	17	5	2	0	0	0	0	0	78
09:00	0	0	0	0	2	5	4	1	0	0	0	0	0	0	12
09:15	0	0	0	4	6	9	7	2	0	0	0	0	0	0	28
09:30	1	0	0	0	2	5	2	2	0	0	0	0	0	0	12
09:45	0	2	0	0	3	5	3	1	1	0	0	0	0	0	15
	1	2	0	4	13	24	16	6	1	0	0	0	0	0	67
10:00	0	0	0	1	4	2	4	1	0	0	0	0	0	0	12
10:15	0	0	0	3	5	3	3	2	0	0	0	0	0	0	16
10:30	0	0	0	1	3	9	3	0	1	0	0	0	0	0	17
10:45	0	0	0	1	1	4	3	0	0	1	0	0	0	0	10
	0	0	0	6	13	18	13	3	1	1	0	0	0	0	55
11:00	0	0	0	2	10	10	3	0	1	1	0	0	0	0	27
11:15	1	0	0	1	4	12	1	2	0	0	0	0	0	0	21
11:30	0	0	0	1	5	7	5	3	0	0	0	0	0	0	21
11:45	0	0	0	0	4	7	3	0	0	0	0	0	0	0	14
	1	0	0	4	23	36	12	5	1	1	0	0	0	0	83
Total	4	2	1	28	100	202	100	38	9	4	0	0	0	0	488

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	0	0	0	0	2	8	3	0	1	0	0	0	0	0	14
12:15	0	0	0	1	1	9	5	1	2	0	0	0	0	0	19
12:30	0	0	0	0	5	6	4	1	0	0	0	0	0	0	16
12:45	3	0	0	1	1	6	3	1	1	1	0	0	0	0	17
	3	0	0	2	9	29	15	3	4	1	0	0	0	0	66
13:00	0	0	1	0	2	3	3	1	0	0	0	0	0	0	10
13:15	0	0	0	1	3	3	6	1	0	1	0	0	0	0	15
13:30	1	0	0	0	4	5	3	0	0	0	0	0	0	0	13
13:45	0	0	0	2	4	3	3	1	1	0	0	0	0	0	14
	1	0	1	3	13	14	15	3	1	1	0	0	0	0	52
14:00	0	0	0	2	6	6	5	2	1	1	0	0	0	0	23
14:15	0	0	0	2	0	4	2	1	1	1	0	0	0	0	11
14:30	1	0	0	0	0	10	2	1	1	0	0	0	0	0	15
14:45	0	0	0	0	6	3	2	1	2	0	1	0	0	0	15
	1	0	0	4	12	23	11	5	5	2	1	0	0	0	64
15:00	2	1	0	0	3	7	4	6	0	0	0	0	0	0	23
15:15	1	0	0	2	2	5	3	3	1	0	0	0	0	0	17
15:30	2	1	1	0	3	12	5	5	0	0	0	0	0	0	29
15:45	0	0	0	1	6	9	14	4	1	0	0	0	0	0	35
	5	2	1	3	14	33	26	18	2	0	0	0	0	0	104
16:00	1	0	0	2	2	9	6	1	0	0	0	0	0	0	21
16:15	0	0	0	1	2	11	7	2	1	0	0	0	0	0	24
16:30	0	0	0	1	6	8	4	1	0	0	0	0	0	0	20
16:45	1	0	0	1	2	6	5	1	0	0	0	0	0	0	16
	2	0	0	5	12	34	22	5	1	0	0	0	0	0	81
17:00	0	0	0	0	1	6	4	4	1	0	0	0	0	0	16
17:15	0	0	0	0	8	9	6	2	0	0	0	0	0	0	25
17:30	0	0	0	0	3	8	6	3	0	0	0	0	0	0	20
17:45	0	1	0	0	2	5	1	0	0	0	0	0	0	0	9
	0	1	0	0	14	28	17	9	1	0	0	0	0	0	70
18:00	1	0	0	0	1	7	4	1	0	0	0	0	0	0	14
18:15	0	0	0	1	6	7	1	0	0	0	0	0	0	0	15
18:30	0	0	0	3	3	4	3	1	0	0	0	0	0	0	14
18:45	0	0	0	0	4	5	2	1	0	0	0	0	0	0	12
	1	0	0	4	14	23	10	3	0	0	0	0	0	0	55
19:00	0	0	0	0	2	3	3	0	0	0	0	0	0	0	8
19:15	0	0	0	0	1	4	1	0	0	0	0	0	0	0	6
19:30	0	0	0	1	2	8	3	0	0	0	0	0	0	0	14
19:45	0	0	0	1	1	4	4	0	0	0	0	0	0	0	10
	0	0	0	2	6	19	11	0	0	0	0	0	0	0	38
20:00	0	0	0	1	3	4	2	1	0	0	0	0	0	0	11
20:15	0	0	0	1	2	1	1	0	0	0	0	0	0	0	5
20:30	0	0	0	0	1	4	3	0	0	0	0	0	0	0	8
20:45	0	0	0	0	1	6	0	1	0	0	0	0	0	0	8
	0	0	0	2	7	15	6	2	0	0	0	0	0	0	32
21:00	1	0	0	0	2	1	1	0	0	0	0	0	0	0	5
21:15	0	0	0	0	1	3	3	0	0	0	0	0	0	0	7
21:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
21:45	0	0	0	0	2	1	0	1	0	0	0	0	0	0	4
	1	0	0	0	5	6	4	1	0	0	0	0	0	0	17
22:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
22:15	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
22:30	0	0	0	1	0	3	0	0	0	0	0	0	0	0	4
22:45	0	0	0	0	1	3	1	1	0	0	0	0	0	0	6
	0	0	0	1	1	8	2	3	0	0	0	0	0	0	15
23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
23:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
Total	14	3	2	26	109	233	139	52	14	4	1	0	0	0	597

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
00:15	0	0	0	1	0	1	0	1	0	0	0	0	0	0	3
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	2	0	2	0	1	0	0	0	0	0	0	5
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	0	0	0	0	0	2	0	0	1	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
04:15	0	0	0	0	0	3	1	1	0	0	0	0	0	0	5
04:30	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3
04:45	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	0	0	0	2	0	6	1	1	0	1	0	0	0	0	11
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	0	0	0	4	0	3	0	0	0	0	0	0	0	7
05:45	0	0	0	0	1	4	2	0	0	1	0	0	0	0	8
	0	0	0	0	5	4	6	0	0	1	0	0	0	0	16
06:00	0	0	0	0	2	1	6	0	0	1	0	0	0	0	10
06:15	0	0	0	1	3	8	6	1	0	0	0	0	0	0	19
06:30	0	0	0	0	2	10	2	3	1	0	0	0	0	0	18
06:45	0	0	0	0	4	6	3	0	0	0	0	0	0	0	13
	0	0	0	1	11	25	17	4	1	1	0	0	0	0	60
07:00	0	0	0	1	5	12	12	2	1	0	0	0	0	0	33
07:15	0	0	0	3	5	13	4	0	0	0	0	0	0	0	25
07:30	0	0	0	1	4	9	7	1	1	0	0	0	0	0	23
07:45	1	0	0	3	3	16	5	3	1	0	0	0	0	0	32
	1	0	0	8	17	50	28	6	3	0	0	0	0	0	113
08:00	0	0	0	0	5	9	10	1	0	0	0	0	0	0	25
08:15	0	0	0	0	3	7	12	0	3	0	0	0	0	0	25
08:30	1	0	0	0	2	6	5	3	1	0	0	0	0	0	18
08:45	0	0	0	1	6	4	6	0	1	0	0	0	0	0	18
	1	0	0	1	16	26	33	4	5	0	0	0	0	0	86
09:00	1	0	1	0	3	3	5	1	0	0	0	0	0	0	14
09:15	0	0	0	1	2	7	3	1	0	0	0	0	0	0	14
09:30	0	0	1	1	4	3	6	3	0	0	0	0	0	0	18
09:45	0	0	1	0	1	9	5	2	0	0	0	0	0	0	18
	1	0	3	2	10	22	19	7	0	0	0	0	0	0	64
10:00	0	0	0	0	1	6	7	0	0	0	0	0	0	0	14
10:15	0	0	0	0	2	7	5	1	0	0	0	0	0	0	15
10:30	0	0	0	1	5	5	1	1	0	0	0	0	0	0	13
10:45	1	0	0	0	1	7	3	2	0	0	0	0	0	0	14
	1	0	0	1	9	25	16	4	0	0	0	0	0	0	56
11:00	0	0	0	0	3	5	1	2	0	0	0	0	0	0	11
11:15	0	0	0	0	3	7	7	3	0	0	0	0	0	0	20
11:30	0	0	1	1	5	6	3	0	0	0	0	0	0	0	16
11:45	0	0	0	0	1	5	5	4	1	0	0	0	0	0	16
	0	0	1	1	12	23	16	9	1	0	0	0	0	0	63
Total	4	0	4	18	81	186	136	36	12	3	0	0	0	0	480

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	0	0	0	0	6	6	4	0	1	0	0	0	0	0	17
12:15	0	0	0	3	3	10	5	0	1	0	0	0	0	0	22
12:30	0	0	1	0	6	7	2	2	0	0	0	0	0	0	18
12:45	0	0	0	0	4	10	8	1	2	0	0	0	0	0	25
	0	0	1	3	19	33	19	3	4	0	0	0	0	0	82
13:00	0	0	0	0	4	13	8	1	1	0	0	0	0	0	27
13:15	0	0	0	1	3	5	2	2	0	0	0	0	0	0	13
13:30	0	0	0	0	5	6	2	0	1	0	0	0	0	0	14
13:45	1	0	0	0	3	10	2	0	0	0	0	0	0	0	16
	1	0	0	1	15	34	14	3	2	0	0	0	0	0	70
14:00	0	0	1	0	3	6	2	2	0	0	0	0	0	0	14
14:15	0	0	0	0	3	7	6	1	1	1	0	0	0	0	19
14:30	0	0	1	0	3	4	4	1	0	0	0	0	0	0	13
14:45	0	0	0	0	2	8	5	4	0	0	0	0	0	0	19
	0	0	2	0	11	25	17	8	1	1	0	0	0	0	65
15:00	2	0	0	2	4	7	3	0	0	0	0	0	0	0	18
15:15	1	0	0	3	4	9	3	1	0	0	0	0	0	0	21
15:30	0	0	0	1	4	14	9	2	0	1	0	0	0	0	31
15:45	0	0	0	2	6	17	5	1	0	0	0	0	0	0	31
	3	0	0	8	18	47	20	4	0	1	0	0	0	0	101
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	0	3	12	63	139	70	18	7	2	0	0	0	0	318
Grand Total	28	6	12	91	413	885	504	175	47	14	2	0	0	0	2177

15th Percentile :	32 MPH
50th Percentile :	37 MPH
85th Percentile :	44 MPH
95th Percentile :	48 MPH

Stats

Mean Speed(Average) :	38 MPH
10 MPH Pace Speed :	34-43 MPH
Number in Pace :	1337
Percent in Pace :	61.4%
Number of Vehicles > 35 MPH :	1627

Percent of Vehicles > 35 MPH : 74.7%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	2	6	8	9	1	1	0	0	0	0	0	27
16:15	1	0	0	0	2	7	11	2	1	0	0	0	0	0	24
16:30	1	0	0	2	9	8	4	1	0	0	0	0	0	0	25
16:45	1	0	0	1	6	11	8	1	0	0	0	0	0	0	28
	3	0	0	5	23	34	32	5	2	0	0	0	0	0	104
17:00	0	0	0	2	9	20	4	1	0	0	0	0	0	0	36
17:15	0	0	0	1	8	14	9	1	0	0	0	0	0	0	33
17:30	1	0	0	2	8	11	10	1	0	0	0	0	0	0	33
17:45	0	0	0	1	5	12	4	1	1	0	0	0	0	0	24
	1	0	0	6	30	57	27	4	1	0	0	0	0	0	126
18:00	0	0	0	1	7	8	5	0	0	0	0	0	0	0	21
18:15	1	0	1	1	5	7	5	1	0	0	0	0	0	0	21
18:30	0	0	0	1	3	5	2	1	0	0	0	0	0	0	12
18:45	0	0	0	2	7	5	5	0	0	0	0	0	0	0	19
	1	0	1	5	22	25	17	2	0	0	0	0	0	0	73
19:00	0	0	0	0	2	8	4	0	0	0	0	0	0	0	14
19:15	0	0	0	1	5	5	4	1	0	0	0	0	0	0	16
19:30	0	0	0	0	4	6	2	0	0	0	0	0	0	0	12
19:45	0	0	0	0	2	6	6	0	0	0	0	0	0	0	14
	0	0	0	1	13	25	16	1	0	0	0	0	0	0	56
20:00	0	0	0	1	3	8	0	0	0	0	0	0	0	0	12
20:15	0	0	0	0	4	3	2	0	0	0	0	0	0	0	9
20:30	0	0	0	1	1	5	0	0	0	0	0	0	0	0	7
20:45	0	0	0	3	2	5	0	2	0	0	1	0	0	0	13
	0	0	0	5	10	21	2	2	0	0	1	0	0	0	41
21:00	0	0	0	0	3	3	1	0	0	0	0	0	0	0	7
21:15	0	0	0	1	2	2	1	0	0	0	0	0	0	0	6
21:30	0	0	0	0	4	3	2	1	0	0	0	0	0	0	10
21:45	0	0	0	0	2	1	2	0	0	0	0	0	0	0	5
	0	0	0	1	11	9	6	1	0	0	0	0	0	0	28
22:00	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4
22:15	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
22:30	0	0	0	0	2	2	1	0	0	0	0	0	0	0	5
22:45	0	0	0	1	2	3	0	0	1	0	0	0	0	0	7
	0	0	0	1	6	8	3	1	1	0	0	0	0	0	20
23:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
23:15	0	0	0	0	2	1	0	1	1	0	0	0	0	0	5
23:30	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23:45	0	0	0	0	0	2	0	1	0	0	0	0	0	0	3
	0	0	0	1	3	4	0	2	1	0	0	0	0	0	11
Total	5	0	1	25	118	183	103	18	5	0	1	0	0	0	459

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
00:15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
00:30	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5
00:45	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
	0	0	0	2	5	2	1	0	0	0	0	0	0	0	10
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
01:30	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	2	0	2	0	0	0	0	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1	0	0	1	1	0	0	0	0	0	0	0	0	0	3
06:00	0	0	0	0	1	1	2	0	0	0	0	0	0	0	4
06:15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
06:30	1	0	0	0	5	2	0	2	0	0	0	0	0	0	10
06:45	0	0	0	0	4	0	1	2	0	0	0	0	0	0	7
	1	0	0	0	10	3	4	4	0	0	0	0	0	0	22
07:00	0	0	0	0	1	3	1	0	0	0	0	0	0	0	5
07:15	0	0	0	0	0	4	6	1	0	0	0	0	0	0	11
07:30	1	0	0	1	1	4	7	0	0	0	0	0	0	0	14
07:45	0	0	1	1	6	8	6	1	0	0	0	0	0	0	23
	1	0	1	2	8	19	20	2	0	0	0	0	0	0	53
08:00	0	0	0	0	3	8	4	1	0	0	0	0	0	0	16
08:15	1	0	0	6	7	15	11	1	0	0	0	0	0	0	41
08:30	2	0	1	2	2	9	2	2	0	0	0	0	0	0	20
08:45	0	0	0	2	4	3	5	0	0	0	0	0	0	0	14
	3	0	1	10	16	35	22	4	0	0	0	0	0	0	91
09:00	0	0	0	2	6	3	4	2	1	0	0	0	0	0	18
09:15	1	1	0	1	2	9	3	1	1	0	0	0	0	0	19
09:30	0	0	1	1	2	5	6	0	0	0	0	0	0	0	15
09:45	0	0	0	0	1	7	4	5	0	0	0	0	0	0	17
	1	1	1	4	11	24	17	8	2	0	0	0	0	0	69
10:00	0	0	0	0	3	5	5	2	1	0	0	0	0	0	16
10:15	0	0	0	3	1	6	2	2	0	0	0	0	0	0	14
10:30	0	0	0	0	6	7	3	0	0	0	0	0	0	0	16
10:45	0	0	0	1	2	11	5	2	0	1	0	0	0	0	22
	0	0	0	4	12	29	15	6	1	1	0	0	0	0	68
11:00	1	0	0	3	4	5	6	0	0	0	0	0	0	0	19
11:15	2	1	1	1	2	4	3	0	0	0	0	0	0	0	14
11:30	0	0	0	2	3	4	6	2	1	0	1	0	0	0	19
11:45	1	0	0	1	4	6	2	0	0	0	0	0	0	0	14
	4	1	1	7	13	19	17	2	1	0	1	0	0	0	66
Total	11	2	4	30	79	132	99	26	4	1	1	0	0	0	389

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	0	0	0	3	3	7	2	4	0	0	0	0	0	0	19
12:15	0	0	0	1	1	8	3	0	0	0	0	0	0	0	13
12:30	0	0	0	3	3	5	5	1	1	0	0	0	0	0	18
12:45	1	0	0	1	6	7	8	1	0	0	0	0	0	0	24
	1	0	0	8	13	27	18	6	1	0	0	0	0	0	74
13:00	0	0	0	0	4	7	1	0	0	1	0	0	0	0	13
13:15	0	0	0	0	3	4	5	1	0	0	0	0	0	0	13
13:30	1	0	0	1	6	6	8	1	0	0	0	0	0	0	23
13:45	0	0	0	1	5	7	3	0	0	0	0	0	0	0	16
	1	0	0	2	18	24	17	2	0	1	0	0	0	0	65
14:00	0	0	0	1	6	8	6	1	1	1	0	0	0	0	24
14:15	0	0	0	0	1	7	7	2	1	1	0	0	0	0	19
14:30	1	0	0	0	8	7	4	1	1	0	0	0	0	0	22
14:45	0	0	0	2	4	8	6	1	0	0	0	0	0	0	21
	1	0	0	3	19	30	23	5	3	2	0	0	0	0	86
15:00	0	0	0	3	4	6	6	1	0	0	0	0	0	0	20
15:15	1	0	1	4	4	5	8	2	0	0	0	0	0	0	25
15:30	1	0	1	2	6	9	3	2	0	0	0	0	0	0	24
15:45	0	0	1	0	7	16	7	1	1	0	0	0	0	0	33
	2	0	3	9	21	36	24	6	1	0	0	0	0	0	102
16:00	2	0	0	2	7	11	8	1	0	0	0	0	0	0	31
16:15	0	0	0	1	4	9	9	2	0	0	0	0	0	0	25
16:30	0	0	0	3	3	9	3	3	0	0	0	0	0	0	21
16:45	1	0	0	1	4	15	9	1	0	0	0	0	0	0	31
	3	0	0	7	18	44	29	7	0	0	0	0	0	0	108
17:00	0	0	0	1	5	13	5	3	0	0	0	0	0	0	27
17:15	0	0	0	0	3	17	9	2	1	0	0	0	0	0	32
17:30	2	0	0	0	4	18	12	2	1	0	0	0	0	0	39
17:45	0	0	0	0	6	10	5	1	0	0	0	0	0	0	22
	2	0	0	1	18	58	31	8	2	0	0	0	0	0	120
18:00	1	0	0	1	9	8	3	1	0	0	0	0	0	0	23
18:15	0	1	1	1	2	6	6	1	0	0	0	0	0	0	18
18:30	1	0	0	1	4	3	6	0	0	0	0	0	0	0	15
18:45	0	0	0	0	2	6	1	0	0	0	0	0	0	0	9
	2	1	1	3	17	23	16	2	0	0	0	0	0	0	65
19:00	0	0	0	1	1	9	3	3	0	0	0	0	0	0	17
19:15	0	0	0	1	3	4	5	0	0	0	0	0	0	0	13
19:30	0	0	1	0	9	8	3	0	0	0	0	0	0	0	21
19:45	0	0	0	4	0	3	1	1	0	0	0	0	0	0	9
	0	0	1	6	13	24	12	4	0	0	0	0	0	0	60
20:00	0	0	0	1	5	4	1	0	0	0	0	0	0	0	11
20:15	0	0	0	0	4	3	3	0	0	0	0	0	0	0	10
20:30	0	0	0	1	5	5	5	0	0	0	0	0	0	0	16
20:45	0	0	0	0	3	5	1	0	0	0	0	0	0	0	9
	0	0	0	2	17	17	10	0	0	0	0	0	0	0	46
21:00	1	0	0	0	1	7	1	0	1	0	0	0	0	0	11
21:15	0	0	0	0	2	3	2	1	0	0	0	0	0	0	8
21:30	0	0	0	0	1	4	1	1	0	0	0	0	0	0	7
21:45	0	0	0	1	4	1	0	2	0	0	0	0	0	0	8
	1	0	0	1	8	15	4	4	1	0	0	0	0	0	34
22:00	0	0	0	0	2	3	1	0	0	0	0	0	0	0	6
22:15	0	0	0	0	1	3	0	0	0	0	0	0	0	0	4
22:30	0	0	0	0	3	3	1	1	0	0	0	0	0	0	8
22:45	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
	0	0	0	0	8	10	3	1	0	0	0	0	0	0	22
23:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
23:15	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3
23:30	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
23:45	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
	0	0	0	2	2	6	2	0	0	0	0	0	0	0	12
Total	13	1	5	44	172	314	189	45	8	3	0	0	0	0	794

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
00:45	0	0	0	1	0	2	0	0	0	0	0	0	0	0	3
	0	0	0	1	1	3	0	1	0	0	0	0	0	0	6
01:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
	0	0	0	1	1	1	0	1	0	0	0	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	0	2	0	0	0	0	1	0	0	0	0	0	0	3
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:30	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
05:45	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
	0	0	0	1	2	1	1	0	0	0	0	0	0	0	5
06:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
06:15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
06:30	0	0	0	0	2	0	1	1	0	0	0	0	0	0	4
06:45	0	0	0	0	2	1	1	1	0	0	0	0	0	0	5
	0	0	0	0	4	2	4	2	0	0	0	0	0	0	12
07:00	0	0	0	0	2	3	3	0	0	0	0	0	0	0	8
07:15	0	0	0	0	4	9	0	2	0	0	0	0	0	0	15
07:30	0	0	0	1	4	2	4	2	0	0	0	0	0	0	13
07:45	0	0	2	0	4	3	3	2	0	0	0	0	0	0	14
	0	0	2	1	14	17	10	6	0	0	0	0	0	0	50
08:00	0	0	0	1	3	6	5	3	0	0	0	0	0	0	18
08:15	0	0	0	1	5	5	12	3	3	0	0	0	0	0	29
08:30	1	0	3	1	2	4	4	0	2	0	0	0	0	0	17
08:45	0	0	0	1	3	7	9	0	1	0	0	0	0	0	21
	1	0	3	4	13	22	30	6	6	0	0	0	0	0	85
09:00	0	0	0	2	4	3	5	1	0	0	0	0	0	0	15
09:15	0	0	0	0	4	5	6	0	0	0	0	0	0	0	15
09:30	0	0	3	3	3	7	4	1	0	0	0	0	0	0	21
09:45	0	0	0	1	3	5	5	1	0	0	0	0	0	0	15
	0	0	3	6	14	20	20	3	0	0	0	0	0	0	66
10:00	0	0	0	1	1	4	4	1	0	0	0	0	0	0	11
10:15	0	0	1	2	3	6	1	1	1	0	0	0	0	0	15
10:30	0	0	0	1	7	5	2	2	0	0	0	0	0	0	17
10:45	0	0	1	2	4	3	3	0	0	0	0	0	0	0	13
	0	0	2	6	15	18	10	4	1	0	0	0	0	0	56
11:00	1	0	0	0	3	4	10	0	0	0	0	0	0	0	18
11:15	0	0	0	0	2	8	0	1	1	1	0	0	0	0	13
11:30	0	0	0	0	3	10	1	2	0	0	0	0	0	0	16
11:45	0	0	0	1	4	4	5	2	1	0	0	0	0	0	17
	1	0	0	1	12	26	16	5	2	1	0	0	0	0	64
Total	2	0	12	21	77	112	91	29	9	1	0	0	0	0	354

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	0	0	1	1	2	7	5	0	0	0	0	0	0	0	16
12:15	1	0	0	0	5	8	4	3	0	0	0	0	0	0	21
12:30	0	0	0	2	6	3	1	0	0	0	0	0	0	0	12
12:45	0	0	1	1	4	3	7	2	0	0	0	0	0	0	18
	1	0	2	4	17	21	17	5	0	0	0	0	0	0	67
13:00	2	0	0	1	4	9	5	0	0	0	0	0	0	0	21
13:15	0	0	0	1	6	9	4	1	0	0	0	0	0	0	21
13:30	0	0	0	1	3	8	8	1	1	0	0	0	0	0	22
13:45	2	0	0	2	4	5	1	1	1	0	0	0	0	0	16
	4	0	0	5	17	31	18	3	2	0	0	0	0	0	80
14:00	0	0	0	1	5	5	5	2	0	0	0	0	0	0	18
14:15	0	0	0	1	3	3	5	1	1	0	0	0	0	0	14
14:30	0	0	1	0	2	11	7	1	1	0	0	0	0	0	23
14:45	1	0	0	2	3	9	5	2	0	0	0	0	0	0	22
	1	0	1	4	13	28	22	6	2	0	0	0	0	0	77
15:00	1	0	0	1	5	14	2	1	0	0	0	0	0	0	24
15:15	0	0	0	4	6	16	5	0	1	0	0	0	0	0	32
15:30	0	0	0	0	2	8	5	2	0	0	0	0	0	0	17
15:45	0	0	0	2	2	13	11	1	2	0	0	0	0	0	31
	1	0	0	7	15	51	23	4	3	0	0	0	0	0	104
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7	0	3	20	62	131	80	18	7	0	0	0	0	0	328
Grand Total	38	3	25	140	508	872	562	136	33	5	2	0	0	0	2324

15th Percentile :	30 MPH
50th Percentile :	37 MPH
85th Percentile :	43 MPH
95th Percentile :	47 MPH

Stats

Mean Speed(Average) :	37 MPH
10 MPH Pace Speed :	34-43 MPH
Number in Pace :	1393
Percent in Pace :	59.9%
Number of Vehicles > 35 MPH :	1610

Percent of Vehicles > 35 MPH : 69.3%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	4	12	18	11	2	1	0	0	0	0	0	48
16:15	1	0	1	0	7	11	15	4	1	0	1	0	0	0	41
16:30	1	0	0	2	11	20	6	1	0	0	0	0	0	0	41
16:45	1	0	0	2	7	17	10	2	0	0	0	0	0	0	39
	3	0	1	8	37	66	42	9	2	0	1	0	0	0	169
17:00	0	0	0	2	12	32	11	4	0	0	0	0	0	0	61
17:15	0	0	0	1	12	20	9	3	0	0	0	0	0	0	45
17:30	3	0	0	2	13	19	14	3	0	0	0	0	0	0	54
17:45	0	0	0	3	6	16	7	3	1	0	0	0	0	0	36
	3	0	0	8	43	87	41	13	1	0	0	0	0	0	196
18:00	0	0	0	1	9	11	12	1	0	1	0	0	0	0	35
18:15	1	0	1	2	9	20	8	1	0	0	0	0	0	0	42
18:30	0	0	0	1	4	7	8	1	1	0	0	0	0	0	22
18:45	0	0	0	2	9	10	7	3	1	0	0	0	0	0	32
	1	0	1	6	31	48	35	6	2	1	0	0	0	0	131
19:00	0	0	0	0	3	15	4	2	0	0	0	0	0	0	24
19:15	0	0	0	1	6	13	6	1	0	0	0	0	0	0	27
19:30	0	0	0	0	8	9	3	1	0	0	0	0	0	0	21
19:45	0	0	0	0	3	9	6	2	0	0	0	0	0	0	20
	0	0	0	1	20	46	19	6	0	0	0	0	0	0	92
20:00	0	1	1	1	6	12	1	0	1	0	0	0	0	0	23
20:15	0	0	0	0	5	3	4	1	1	0	0	0	0	0	14
20:30	0	0	0	1	1	5	0	0	0	0	0	0	0	0	7
20:45	0	0	0	3	5	5	1	3	0	0	1	0	0	0	18
	0	1	1	5	17	25	6	4	2	0	1	0	0	0	62
21:00	0	0	0	0	4	3	4	1	0	0	0	0	0	0	12
21:15	0	0	0	1	3	5	3	0	1	0	0	0	0	0	13
21:30	0	0	0	0	5	6	3	2	0	0	0	0	0	0	16
21:45	0	0	0	0	5	3	4	0	0	0	0	0	0	0	12
	0	0	0	1	17	17	14	3	1	0	0	0	0	0	53
22:00	0	0	0	0	0	2	2	2	0	0	0	0	0	0	6
22:15	0	0	0	1	3	1	2	1	0	0	0	0	0	0	8
22:30	0	0	0	0	2	5	1	0	0	0	0	0	0	0	8
22:45	0	0	0	1	3	5	0	0	1	0	0	0	0	0	10
	0	0	0	2	8	13	5	3	1	0	0	0	0	0	32
23:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
23:15	0	0	0	0	3	2	0	1	1	0	0	0	0	0	7
23:30	0	0	0	1	0	1	0	3	0	0	0	0	0	0	5
23:45	0	0	0	0	1	2	0	1	0	0	0	0	0	0	4
	0	0	0	1	5	6	0	5	1	0	0	0	0	0	18
Total	7	1	3	32	178	308	162	49	10	1	2	0	0	0	753

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
00:15	0	0	0	3	0	0	1	0	0	1	0	0	0	0	5
00:30	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5
00:45	0	0	0	1	2	1	0	0	1	0	0	0	0	0	5
	0	0	0	5	5	3	2	0	1	1	0	0	0	0	17
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	1	0	1	2	0	0	0	0	0	0	4
01:30	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	2	0	3	2	0	0	0	0	0	0	7
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
04:15	0	0	0	2	0	0	1	0	0	0	0	0	0	0	3
04:30	0	0	0	0	1	3	1	0	0	1	0	0	0	0	6
04:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	0	0	0	2	1	4	3	0	1	1	0	0	0	0	12
05:00	0	0	0	1	0	1	1	1	0	0	0	0	0	0	4
05:15	0	0	0	0	2	0	1	1	0	0	0	0	0	0	4
05:30	0	0	0	0	3	3	0	1	0	0	0	0	0	0	7
05:45	1	0	0	1	4	2	0	1	0	0	0	0	0	0	9
	1	0	0	2	9	6	2	4	0	0	0	0	0	0	24
06:00	0	0	0	1	3	5	6	0	1	0	0	0	0	0	16
06:15	0	0	0	0	3	7	3	1	0	0	0	0	0	0	14
06:30	1	0	0	0	12	11	1	4	0	0	0	0	0	0	29
06:45	0	0	0	1	8	5	4	3	0	0	0	0	0	0	21
	1	0	0	2	26	28	14	8	1	0	0	0	0	0	80
07:00	0	0	0	0	7	16	7	1	0	0	0	0	0	0	31
07:15	1	0	1	0	2	14	13	4	0	0	0	0	0	0	35
07:30	1	0	0	2	4	15	13	2	0	0	0	0	0	0	37
07:45	1	0	1	1	10	23	11	3	1	0	0	0	0	0	51
	3	0	2	3	23	68	44	10	1	0	0	0	0	0	154
08:00	0	0	0	1	9	21	12	5	0	0	0	0	0	0	48
08:15	1	0	0	6	10	25	13	2	2	0	0	0	0	0	59
08:30	2	0	1	4	4	16	6	2	0	0	0	0	0	0	35
08:45	0	0	0	4	4	11	8	0	0	0	0	0	0	0	27
	3	0	1	15	27	73	39	9	2	0	0	0	0	0	169
09:00	0	0	0	2	8	8	8	3	1	0	0	0	0	0	30
09:15	1	1	0	5	8	18	10	3	1	0	0	0	0	0	47
09:30	1	0	1	1	4	10	8	2	0	0	0	0	0	0	27
09:45	0	2	0	0	4	12	7	6	1	0	0	0	0	0	32
	2	3	1	8	24	48	33	14	3	0	0	0	0	0	136
10:00	0	0	0	1	7	7	9	3	1	0	0	0	0	0	28
10:15	0	0	0	6	6	9	5	4	0	0	0	0	0	0	30
10:30	0	0	0	1	9	16	6	0	1	0	0	0	0	0	33
10:45	0	0	0	2	3	15	8	2	0	2	0	0	0	0	32
	0	0	0	10	25	47	28	9	2	2	0	0	0	0	123
11:00	1	0	0	5	14	15	9	0	1	1	0	0	0	0	46
11:15	3	1	1	2	6	16	4	2	0	0	0	0	0	0	35
11:30	0	0	0	3	8	11	11	5	1	0	1	0	0	0	40
11:45	1	0	0	1	8	13	5	0	0	0	0	0	0	0	28
	5	1	1	11	36	55	29	7	2	1	1	0	0	0	149
Total	15	4	5	58	179	334	199	64	13	5	1	0	0	0	877

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	0	0	0	3	5	15	5	4	1	0	0	0	0	0	33
12:15	0	0	0	2	2	17	8	1	2	0	0	0	0	0	32
12:30	0	0	0	3	8	11	9	2	1	0	0	0	0	0	34
12:45	4	0	0	2	7	13	11	2	1	1	0	0	0	0	41
	4	0	0	10	22	56	33	9	5	1	0	0	0	0	140
13:00	0	0	1	0	6	10	4	1	0	1	0	0	0	0	23
13:15	0	0	0	1	6	7	11	2	0	1	0	0	0	0	28
13:30	2	0	0	1	10	11	11	1	0	0	0	0	0	0	36
13:45	0	0	0	3	9	10	6	1	1	0	0	0	0	0	30
	2	0	1	5	31	38	32	5	1	2	0	0	0	0	117
14:00	0	0	0	3	12	14	11	3	2	2	0	0	0	0	47
14:15	0	0	0	2	1	11	9	3	2	2	0	0	0	0	30
14:30	2	0	0	0	8	17	6	2	2	0	0	0	0	0	37
14:45	0	0	0	2	10	11	8	2	2	0	1	0	0	0	36
	2	0	0	7	31	53	34	10	8	4	1	0	0	0	150
15:00	2	1	0	3	7	13	10	7	0	0	0	0	0	0	43
15:15	2	0	1	6	6	10	11	5	1	0	0	0	0	0	42
15:30	3	1	2	2	9	21	8	7	0	0	0	0	0	0	53
15:45	0	0	1	1	13	25	21	5	2	0	0	0	0	0	68
	7	2	4	12	35	69	50	24	3	0	0	0	0	0	206
16:00	3	0	0	4	9	20	14	2	0	0	0	0	0	0	52
16:15	0	0	0	2	6	20	16	4	1	0	0	0	0	0	49
16:30	0	0	0	4	9	17	7	4	0	0	0	0	0	0	41
16:45	2	0	0	2	6	21	14	2	0	0	0	0	0	0	47
	5	0	0	12	30	78	51	12	1	0	0	0	0	0	189
17:00	0	0	0	1	6	19	9	7	1	0	0	0	0	0	43
17:15	0	0	0	0	11	26	15	4	1	0	0	0	0	0	57
17:30	2	0	0	0	7	26	18	5	1	0	0	0	0	0	59
17:45	0	1	0	0	8	15	6	1	0	0	0	0	0	0	31
	2	1	0	1	32	86	48	17	3	0	0	0	0	0	190
18:00	2	0	0	1	10	15	7	2	0	0	0	0	0	0	37
18:15	0	1	1	2	8	13	7	1	0	0	0	0	0	0	33
18:30	1	0	0	4	7	7	9	1	0	0	0	0	0	0	29
18:45	0	0	0	0	6	11	3	1	0	0	0	0	0	0	21
	3	1	1	7	31	46	26	5	0	0	0	0	0	0	120
19:00	0	0	0	1	3	12	6	3	0	0	0	0	0	0	25
19:15	0	0	0	1	4	8	6	0	0	0	0	0	0	0	19
19:30	0	0	1	1	11	16	6	0	0	0	0	0	0	0	35
19:45	0	0	0	5	1	7	5	1	0	0	0	0	0	0	19
	0	0	1	8	19	43	23	4	0	0	0	0	0	0	98
20:00	0	0	0	2	8	8	3	1	0	0	0	0	0	0	22
20:15	0	0	0	1	6	4	4	0	0	0	0	0	0	0	15
20:30	0	0	0	1	6	9	8	0	0	0	0	0	0	0	24
20:45	0	0	0	0	4	11	1	1	0	0	0	0	0	0	17
	0	0	0	4	24	32	16	2	0	0	0	0	0	0	78
21:00	2	0	0	0	3	8	2	0	1	0	0	0	0	0	16
21:15	0	0	0	0	3	6	5	1	0	0	0	0	0	0	15
21:30	0	0	0	0	1	5	1	1	0	0	0	0	0	0	8
21:45	0	0	0	1	6	2	0	3	0	0	0	0	0	0	12
	2	0	0	1	13	21	8	5	1	0	0	0	0	0	51
22:00	0	0	0	0	2	3	2	2	0	0	0	0	0	0	9
22:15	0	0	0	0	1	5	0	0	0	0	0	0	0	0	6
22:30	0	0	0	1	3	6	1	1	0	0	0	0	0	0	12
22:45	0	0	0	0	3	4	2	1	0	0	0	0	0	0	10
	0	0	0	1	9	18	5	4	0	0	0	0	0	0	37
23:00	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
23:15	0	0	0	2	1	1	0	0	0	0	0	0	0	0	4
23:30	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
23:45	0	0	0	0	1	2	1	0	0	0	0	0	0	0	4
	0	0	0	2	4	7	2	0	0	0	0	0	0	0	15
Total	27	4	7	70	281	547	328	97	22	7	1	0	0	0	1391

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
00:15	0	0	0	1	0	1	0	1	0	0	0	0	0	0	3
00:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
00:45	0	0	0	1	0	2	0	0	0	0	0	0	0	0	3
	0	0	0	3	1	5	0	2	0	0	0	0	0	0	11
01:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
01:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3
	0	0	0	1	1	3	0	1	1	0	0	0	0	0	7
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	0	2	0	1	0	0	1	0	0	0	0	0	0	4
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
04:15	0	0	0	0	0	5	1	1	0	0	0	0	0	0	7
04:30	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3
04:45	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	0	0	0	2	0	8	1	1	0	1	0	0	0	0	13
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:30	0	0	0	1	5	0	3	0	0	0	0	0	0	0	9
05:45	0	0	0	0	2	4	3	0	0	1	0	0	0	0	10
	0	0	0	1	7	5	7	0	0	1	0	0	0	0	21
06:00	0	0	0	0	2	2	7	0	0	1	0	0	0	0	12
06:15	0	0	0	1	3	8	7	1	0	0	0	0	0	0	20
06:30	0	0	0	0	4	10	3	4	1	0	0	0	0	0	22
06:45	0	0	0	0	6	7	4	1	0	0	0	0	0	0	18
	0	0	0	1	15	27	21	6	1	1	0	0	0	0	72
07:00	0	0	0	1	7	15	15	2	1	0	0	0	0	0	41
07:15	0	0	0	3	9	22	4	2	0	0	0	0	0	0	40
07:30	0	0	0	2	8	11	11	3	1	0	0	0	0	0	36
07:45	1	0	2	3	7	19	8	5	1	0	0	0	0	0	46
	1	0	2	9	31	67	38	12	3	0	0	0	0	0	163
08:00	0	0	0	1	8	15	15	4	0	0	0	0	0	0	43
08:15	0	0	0	1	8	12	24	3	6	0	0	0	0	0	54
08:30	2	0	3	1	4	10	9	3	3	0	0	0	0	0	35
08:45	0	0	0	2	9	11	15	0	2	0	0	0	0	0	39
	2	0	3	5	29	48	63	10	11	0	0	0	0	0	171
09:00	1	0	1	2	7	6	10	2	0	0	0	0	0	0	29
09:15	0	0	0	1	6	12	9	1	0	0	0	0	0	0	29
09:30	0	0	4	4	7	10	10	4	0	0	0	0	0	0	39
09:45	0	0	1	1	4	14	10	3	0	0	0	0	0	0	33
	1	0	6	8	24	42	39	10	0	0	0	0	0	0	130
10:00	0	0	0	1	2	10	11	1	0	0	0	0	0	0	25
10:15	0	0	1	2	5	13	6	2	1	0	0	0	0	0	30
10:30	0	0	0	2	12	10	3	3	0	0	0	0	0	0	30
10:45	1	0	1	2	5	10	6	2	0	0	0	0	0	0	27
	1	0	2	7	24	43	26	8	1	0	0	0	0	0	112
11:00	1	0	0	0	6	9	11	2	0	0	0	0	0	0	29
11:15	0	0	0	0	5	15	7	4	1	1	0	0	0	0	33
11:30	0	0	1	1	8	16	4	2	0	0	0	0	0	0	32
11:45	0	0	0	1	5	9	10	6	2	0	0	0	0	0	33
	1	0	1	2	24	49	32	14	3	1	0	0	0	0	127
Total	6	0	16	39	158	298	227	65	21	4	0	0	0	0	834

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 11
US 15
North of Sunset Street
Date Start: 02-Dec-14

Southbound, Northbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	0	0	1	1	8	13	9	0	1	0	0	0	0	0	33
12:15	1	0	0	3	8	18	9	3	1	0	0	0	0	0	43
12:30	0	0	1	2	12	10	3	2	0	0	0	0	0	0	30
12:45	0	0	1	1	8	13	15	3	2	0	0	0	0	0	43
	1	0	3	7	36	54	36	8	4	0	0	0	0	0	149
13:00	2	0	0	1	8	22	13	1	1	0	0	0	0	0	48
13:15	0	0	0	2	9	14	6	3	0	0	0	0	0	0	34
13:30	0	0	0	1	8	14	10	1	2	0	0	0	0	0	36
13:45	3	0	0	2	7	15	3	1	1	0	0	0	0	0	32
	5	0	0	6	32	65	32	6	4	0	0	0	0	0	150
14:00	0	0	1	1	8	11	7	4	0	0	0	0	0	0	32
14:15	0	0	0	1	6	10	11	2	2	1	0	0	0	0	33
14:30	0	0	2	0	5	15	11	2	1	0	0	0	0	0	36
14:45	1	0	0	2	5	17	10	6	0	0	0	0	0	0	41
	1	0	3	4	24	53	39	14	3	1	0	0	0	0	142
15:00	3	0	0	3	9	21	5	1	0	0	0	0	0	0	42
15:15	1	0	0	7	10	25	8	1	1	0	0	0	0	0	53
15:30	0	0	0	1	6	22	14	4	0	1	0	0	0	0	48
15:45	0	0	0	4	8	30	16	2	2	0	0	0	0	0	62
	4	0	0	15	33	98	43	8	3	1	0	0	0	0	205
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	11	0	6	32	125	270	150	36	14	2	0	0	0	0	646
Grand Total	66	9	37	231	921	1757	1066	311	80	19	4	0	0	0	4501

	15th Percentile :	31 MPH
	50th Percentile :	37 MPH
	85th Percentile :	43 MPH
	95th Percentile :	47 MPH
Stats	Mean Speed(Average) :	38 MPH
	10 MPH Pace Speed :	34-43 MPH
	Number in Pace :	2730
	Percent in Pace :	60.7%
	Number of Vehicles > 35 MPH :	3237

Percent of Vehicles > 35 MPH : 71.9%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	7	0	0	2	23	67	34	6	0	0	0	0	0	0	139
16:15	2	0	0	2	31	69	31	3	0	0	0	0	0	0	138
16:30	5	0	0	3	18	69	43	6	1	0	0	0	0	0	145
16:45	7	0	1	8	30	85	32	4	0	0	0	0	0	0	167
	21	0	1	15	102	290	140	19	1	0	0	0	0	0	589
17:00	2	0	0	0	12	104	40	9	1	0	0	0	0	0	168
17:15	5	0	1	2	26	95	45	7	0	0	0	0	0	0	181
17:30	3	0	0	3	37	106	43	3	1	0	0	0	0	0	196
17:45	9	0	0	0	15	100	59	7	1	0	0	0	0	0	191
	19	0	1	5	90	405	187	26	3	0	0	0	0	0	736
18:00	5	0	0	1	16	76	43	4	0	0	0	0	0	0	145
18:15	1	0	0	0	19	48	23	3	0	0	0	0	0	0	94
18:30	3	0	0	0	11	34	24	3	2	0	0	0	0	0	77
18:45	1	0	0	2	11	51	36	5	1	0	0	0	0	0	107
	10	0	0	3	57	209	126	15	3	0	0	0	0	0	423
19:00	0	0	0	0	5	38	22	9	1	0	0	0	0	0	75
19:15	0	0	0	0	9	29	28	3	0	0	0	0	0	0	69
19:30	1	0	0	0	2	36	33	7	0	0	0	0	0	0	79
19:45	1	0	0	0	9	42	27	0	2	0	0	0	0	0	81
	2	0	0	0	25	145	110	19	3	0	0	0	0	0	304
20:00	2	0	0	0	5	22	13	6	1	0	0	0	0	0	49
20:15	0	0	0	0	2	33	11	2	0	0	0	0	0	0	48
20:30	0	0	0	0	9	21	15	8	1	0	0	0	0	0	54
20:45	0	0	0	0	5	16	12	3	2	1	0	0	0	0	39
	2	0	0	0	21	92	51	19	4	1	0	0	0	0	190
21:00	0	0	0	0	3	16	22	5	0	0	0	0	0	0	46
21:15	1	0	0	0	2	25	10	3	1	0	0	0	0	0	42
21:30	0	0	0	0	0	16	15	3	0	0	0	0	0	0	34
21:45	0	0	0	0	1	9	25	5	2	0	0	0	0	0	42
	1	0	0	0	6	66	72	16	3	0	0	0	0	0	164
22:00	0	0	0	0	4	12	15	2	0	0	0	0	0	0	33
22:15	0	0	0	1	3	12	7	3	0	0	0	0	0	0	26
22:30	0	0	0	0	2	7	9	2	1	0	0	0	0	0	21
22:45	0	0	0	0	3	3	5	1	0	0	0	0	0	0	12
	0	0	0	1	12	34	36	8	1	0	0	0	0	0	92
23:00	0	0	0	0	4	8	11	2	0	0	0	0	0	0	25
23:15	0	0	0	0	1	10	5	2	1	0	0	0	0	0	19
23:30	0	0	0	0	2	7	5	3	1	1	0	0	0	0	19
23:45	0	0	0	0	0	6	7	1	2	0	0	0	0	0	16
	0	0	0	0	7	31	28	8	4	1	0	0	0	0	79
Total	55	0	2	24	320	1272	750	130	22	2	0	0	0	0	2577

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	0	0	0	0	0	3	6	2	0	0	0	0	0	0	11
00:15	0	0	0	0	3	5	3	2	0	0	0	0	0	0	13
00:30	0	0	0	0	1	5	3	0	1	0	0	0	0	0	10
00:45	0	0	0	0	0	1	0	2	1	0	0	0	0	0	4
	0	0	0	0	4	14	12	6	2	0	0	0	0	0	38
01:00	0	0	0	0	1	1	2	2	1	0	1	0	0	0	8
01:15	0	0	0	0	0	2	2	0	0	0	0	0	0	0	4
01:30	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
01:45	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
	0	0	0	0	1	4	7	3	1	0	1	0	0	0	17
02:00	0	0	0	0	0	2	3	1	0	0	0	0	0	0	6
02:15	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
02:30	0	0	0	0	1	4	2	1	1	0	0	0	0	0	9
02:45	0	0	0	0	0	2	2	1	0	1	0	0	0	0	6
	0	0	0	0	2	8	8	3	1	1	0	0	0	0	23
03:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
03:15	0	0	0	0	1	4	3	0	0	0	0	0	0	0	8
03:30	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
03:45	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
	0	0	0	0	2	7	6	0	0	0	0	0	0	0	15
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
04:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
04:30	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
04:45	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4
	0	0	0	0	1	1	5	2	0	0	0	0	0	0	9
05:00	1	0	0	0	0	3	0	1	0	0	0	0	0	0	5
05:15	0	0	0	0	0	3	3	0	1	0	0	0	0	0	7
05:30	1	0	0	0	0	4	7	1	1	0	0	0	0	0	14
05:45	1	0	0	0	0	7	1	1	0	0	0	0	0	0	10
	3	0	0	0	0	17	11	3	2	0	0	0	0	0	36
06:00	0	0	0	0	0	6	9	1	0	0	0	0	0	0	16
06:15	2	0	0	0	1	6	11	0	1	0	0	0	0	0	21
06:30	0	0	0	0	1	12	10	1	3	0	0	1	0	0	28
06:45	2	0	0	3	5	23	6	5	0	0	0	0	0	0	44
	4	0	0	3	7	47	36	7	4	0	0	1	0	0	109
07:00	11	0	2	6	29	35	5	4	1	0	0	0	0	0	93
07:15	17	2	12	19	32	26	11	3	1	0	0	0	0	0	123
07:30	8	0	0	5	15	25	8	3	0	0	0	0	0	0	64
07:45	6	0	0	2	16	31	16	3	1	0	0	0	0	0	75
	42	2	14	32	92	117	40	13	3	0	0	0	0	0	355
08:00	9	0	0	2	5	37	20	7	0	0	0	0	0	0	80
08:15	5	0	0	0	8	31	18	7	0	0	0	0	0	0	69
08:30	2	0	0	0	0	16	17	7	1	1	0	0	0	0	44
08:45	3	0	0	0	6	16	10	6	1	0	0	0	0	0	42
	19	0	0	2	19	100	65	27	2	1	0	0	0	0	235
09:00	3	0	2	0	2	13	14	9	3	0	0	0	0	0	46
09:15	0	0	0	2	8	12	19	3	2	1	0	0	0	0	47
09:30	0	0	0	0	7	15	17	5	1	0	0	0	0	0	45
09:45	0	0	0	0	5	25	14	3	1	0	0	0	0	0	48
	3	0	2	2	22	65	64	20	7	1	0	0	0	0	186
10:00	1	0	0	0	8	18	12	6	0	0	0	0	0	0	45
10:15	1	0	0	0	9	15	21	1	1	0	0	0	0	0	48
10:30	3	0	0	1	7	15	15	3	1	0	0	0	0	0	45
10:45	1	0	0	0	8	18	10	2	0	0	0	0	0	0	39
	6	0	0	1	32	66	58	12	2	0	0	0	0	0	177
11:00	2	0	0	1	4	26	20	2	0	0	0	0	0	0	55
11:15	1	0	1	0	14	19	16	5	0	0	0	0	0	0	56
11:30	2	0	0	0	3	18	22	0	1	0	0	0	0	0	46
11:45	2	0	0	0	10	15	17	4	2	0	0	0	0	0	50
	7	0	1	1	31	78	75	11	3	0	0	0	0	0	207
Total	84	2	17	41	213	524	387	107	27	3	1	1	0	0	1407

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	3	0	0	1	6	29	14	7	1	0	0	0	0	0	61
12:15	1	0	0	0	4	30	11	5	3	0	0	0	0	0	54
12:30	3	0	0	2	2	24	15	7	0	0	0	0	0	0	53
12:45	0	0	0	0	3	23	26	7	1	1	0	0	0	0	61
	7	0	0	3	15	106	66	26	5	1	0	0	0	0	229
13:00	0	0	0	3	5	28	19	3	2	0	1	0	0	0	61
13:15	0	0	2	3	16	25	25	5	1	0	0	0	0	0	77
13:30	5	0	1	2	14	30	27	6	0	0	0	0	0	0	85
13:45	1	0	0	0	9	22	26	7	2	0	0	0	0	0	67
	6	0	3	8	44	105	97	21	5	0	1	0	0	0	290
14:00	2	0	1	1	11	30	23	5	2	0	0	0	0	0	75
14:15	1	0	1	3	9	35	24	4	2	0	0	0	0	0	79
14:30	1	0	0	5	21	49	27	6	0	0	0	0	0	0	109
14:45	6	0	0	9	15	45	31	5	1	0	0	0	0	0	112
	10	0	2	18	56	159	105	20	5	0	0	0	0	0	375
15:00	3	0	0	0	18	47	21	8	1	0	0	0	0	0	98
15:15	4	0	2	5	18	56	26	7	1	0	0	0	0	0	119
15:30	4	0	0	2	16	60	27	5	0	0	0	0	0	0	114
15:45	9	0	0	3	26	58	29	3	0	0	0	0	0	0	128
	20	0	2	10	78	221	103	23	2	0	0	0	0	0	459
16:00	5	0	1	1	14	62	41	9	1	0	0	0	0	0	134
16:15	5	0	0	2	28	61	38	10	2	0	0	0	0	0	146
16:30	2	0	0	6	20	46	42	8	1	0	0	0	0	0	125
16:45	7	0	1	8	20	58	57	7	2	0	0	0	0	0	160
	19	0	2	17	82	227	178	34	6	0	0	0	0	0	565
17:00	4	0	1	2	19	101	56	14	0	0	0	0	0	0	197
17:15	6	0	0	2	44	94	41	11	1	0	0	0	0	0	199
17:30	5	0	0	1	8	112	42	7	0	0	0	0	0	0	175
17:45	8	0	0	0	22	96	61	5	0	0	0	0	0	0	192
	23	0	1	5	93	403	200	37	1	0	0	0	0	0	763
18:00	9	0	0	3	31	56	40	7	0	1	0	0	0	0	147
18:15	6	0	0	1	17	65	32	14	0	0	0	0	0	0	135
18:30	3	0	0	0	18	67	34	6	0	0	0	0	0	0	128
18:45	8	0	0	0	15	39	35	4	0	0	0	0	0	0	101
	26	0	0	4	81	227	141	31	0	1	0	0	0	0	511
19:00	0	0	0	0	9	60	27	8	0	0	0	0	0	0	104
19:15	0	0	0	2	9	30	17	7	0	0	0	0	0	0	65
19:30	2	0	0	4	9	44	25	6	1	0	0	0	0	0	91
19:45	1	0	0	0	6	25	18	6	0	0	0	0	0	0	56
	3	0	0	6	33	159	87	27	1	0	0	0	0	0	316
20:00	2	0	0	0	4	18	15	8	0	0	0	0	0	0	47
20:15	0	0	0	0	5	13	21	8	1	0	0	0	0	0	48
20:30	2	0	0	0	1	19	24	8	0	0	0	0	0	0	54
20:45	0	0	0	0	6	27	25	2	1	0	0	0	0	0	61
	4	0	0	0	16	77	85	26	2	0	0	0	0	0	210
21:00	0	0	0	0	2	12	14	3	0	0	0	0	0	0	31
21:15	0	0	0	1	1	20	17	7	2	0	0	0	0	0	48
21:30	0	0	0	0	1	26	13	6	0	1	0	0	0	0	47
21:45	1	0	0	0	3	8	13	8	1	0	0	0	0	0	34
	1	0	0	1	7	66	57	24	3	1	0	0	0	0	160
22:00	0	0	0	0	2	13	13	1	1	0	0	0	0	0	30
22:15	0	0	0	0	2	15	11	7	1	1	0	0	0	0	37
22:30	0	0	0	0	1	5	4	3	1	1	0	0	0	0	15
22:45	1	0	0	0	0	5	7	3	1	0	0	0	0	0	17
	1	0	0	0	5	38	35	14	4	2	0	0	0	0	99
23:00	0	0	0	0	0	14	14	4	0	0	0	0	0	0	32
23:15	0	0	0	0	3	11	7	2	0	0	0	0	0	0	23
23:30	0	0	0	0	3	9	14	1	2	0	0	0	0	0	29
23:45	0	0	0	0	1	6	9	1	0	0	0	0	0	0	17
	0	0	0	0	7	40	44	8	2	0	0	0	0	0	101
Total	120	0	10	72	517	1828	1198	291	36	5	1	0	0	0	4078

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	0	0	0	10	7	3	1	0	0	0	0	0	21
00:15	0	0	0	0	0	7	9	1	1	0	0	0	0	0	18
00:30	0	0	0	0	0	5	3	3	0	0	0	0	0	0	11
00:45	0	0	0	0	0	4	4	1	0	1	0	0	0	0	10
	0	0	0	0	0	26	23	8	2	1	0	0	0	0	60
01:00	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4
01:15	0	0	0	0	0	2	1	1	0	0	0	1	0	0	5
01:30	0	0	0	0	1	1	1	1	0	0	0	0	0	0	4
01:45	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	0	0	0	0	1	4	6	3	0	0	0	1	0	0	15
02:00	0	0	0	0	0	1	3	1	0	0	0	0	0	0	5
02:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:30	0	0	0	0	0	1	3	0	1	0	0	0	0	0	5
02:45	0	0	0	0	0	3	1	0	0	0	0	0	0	0	4
	0	0	0	0	0	6	7	1	1	0	0	0	0	0	15
03:00	0	0	0	0	0	2	2	1	1	0	0	0	0	0	6
03:15	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
03:30	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
03:45	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	0	0	0	0	1	5	6	1	1	0	0	0	0	0	14
04:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
04:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:30	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
04:45	0	0	0	0	0	1	0	2	0	0	0	0	0	0	3
	0	0	0	0	1	4	2	2	0	0	0	0	0	0	9
05:00	0	0	0	0	0	1	0	2	0	0	0	0	0	0	3
05:15	0	0	0	0	0	1	3	0	0	0	0	0	0	0	4
05:30	1	0	0	0	1	8	2	2	0	0	0	0	0	0	14
05:45	2	0	0	0	3	6	2	1	0	0	0	0	0	0	14
	3	0	0	0	4	16	7	5	0	0	0	0	0	0	35
06:00	0	0	0	0	2	9	9	2	0	0	0	0	0	0	22
06:15	3	0	0	0	2	11	16	3	0	0	0	0	0	0	35
06:30	0	0	0	0	4	9	6	1	1	0	0	0	0	0	21
06:45	6	0	0	0	4	13	16	4	0	0	0	0	0	0	43
	9	0	0	0	12	42	47	10	1	0	0	0	0	0	121
07:00	7	1	7	16	11	26	15	4	0	0	0	0	0	0	87
07:15	24	5	12	18	21	23	14	1	2	0	0	0	0	0	120
07:30	5	0	1	5	15	24	16	2	0	1	0	0	0	0	69
07:45	8	0	0	1	17	38	16	6	0	0	0	0	0	0	86
	44	6	20	40	64	111	61	13	2	1	0	0	0	0	362
08:00	5	0	2	6	11	34	12	1	0	0	0	0	0	0	71
08:15	4	0	0	8	32	33	19	6	0	0	0	0	0	0	102
08:30	1	0	0	2	7	22	17	4	2	0	0	0	0	0	55
08:45	2	0	0	1	5	19	18	7	0	0	0	0	0	0	52
	12	0	2	17	55	108	66	18	2	0	0	0	0	0	280
09:00	1	0	1	0	7	12	14	4	2	0	0	0	0	0	41
09:15	3	0	0	6	0	16	16	3	1	0	1	0	0	0	46
09:30	2	0	0	1	7	18	18	3	3	0	0	0	0	0	52
09:45	3	0	0	2	3	18	16	6	0	1	0	0	0	0	49
	9	0	1	9	17	64	64	16	6	1	1	0	0	0	188
10:00	1	0	1	0	5	13	16	2	1	0	0	0	0	0	39
10:15	1	0	0	0	1	15	22	3	1	0	0	0	0	0	43
10:30	1	0	0	1	3	14	14	0	0	1	0	0	0	0	34
10:45	0	0	0	0	3	14	19	5	1	0	0	0	0	0	42
	3	0	1	1	12	56	71	10	3	1	0	0	0	0	158
11:00	1	0	0	3	3	20	16	6	2	0	0	0	0	0	51
11:15	2	0	0	0	8	24	20	9	4	0	0	0	0	0	67
11:30	3	0	0	1	8	19	20	3	2	0	0	0	0	0	56
11:45	4	0	0	0	9	12	26	6	2	0	0	0	0	0	59
	10	0	0	4	28	75	82	24	10	0	0	0	0	0	233
Total	90	6	24	71	195	517	442	111	28	4	1	1	0	0	1490

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	1	0	0	3	12	29	21	5	0	0	0	0	0	0	71
12:15	1	0	1	1	8	22	24	9	3	0	0	0	0	0	69
12:30	3	1	0	0	8	25	36	1	0	0	0	0	0	0	74
12:45	1	0	0	3	10	35	26	3	0	0	0	0	0	0	78
	6	1	1	7	38	111	107	18	3	0	0	0	0	0	292
13:00	3	0	0	0	7	28	27	3	0	0	0	0	0	0	68
13:15	1	0	0	1	5	36	26	1	0	0	0	0	0	0	70
13:30	2	0	0	3	8	31	27	7	1	0	0	0	0	0	79
13:45	2	0	0	0	4	35	18	7	2	0	0	0	0	0	68
	8	0	0	4	24	130	98	18	3	0	0	0	0	0	285
14:00	2	0	0	0	9	33	26	5	0	0	0	0	0	0	75
14:15	1	0	2	8	24	26	22	9	0	0	0	0	0	0	92
14:30	2	0	1	2	18	47	35	4	2	0	0	0	0	0	111
14:45	5	0	3	7	28	35	20	4	0	0	0	0	0	0	102
	10	0	6	17	79	141	103	22	2	0	0	0	0	0	380
15:00	3	0	0	1	11	42	34	7	1	0	0	0	0	0	99
15:15	2	0	7	17	24	29	25	16	0	0	0	0	0	0	120
15:30	5	0	0	10	21	55	26	2	0	0	0	0	0	0	119
15:45	9	0	0	1	18	84	35	2	0	0	0	0	0	0	149
	19	0	7	29	74	210	120	27	1	0	0	0	0	0	487
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	43	1	14	57	215	592	428	85	9	0	0	0	0	0	1444
Grand Total	392	9	67	265	1460	4733	3205	724	122	14	3	2	0	0	10996

	15th Percentile :	32 MPH
	50th Percentile :	38 MPH
	85th Percentile :	43 MPH
	95th Percentile :	47 MPH
Stats	Mean Speed(Average) :	37 MPH
	10 MPH Pace Speed :	35-44 MPH
	Number in Pace :	7152
	Percent in Pace :	65.0%
	Number of Vehicles > 35 MPH :	8803

Percent of Vehicles > 35 MPH : 80.1%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	9	0	1	0	17	44	17	4	1	0	0	0	0	0	93
16:15	4	0	0	0	6	30	33	5	0	0	0	0	0	0	78
16:30	4	0	0	0	4	30	30	5	0	0	0	0	0	0	73
16:45	16	0	0	1	13	44	17	1	0	0	0	0	0	0	92
	33	0	1	1	40	148	97	15	1	0	0	0	0	0	336
17:00	3	0	0	2	13	39	25	3	0	0	0	0	0	0	85
17:15	5	0	0	1	12	54	11	1	0	0	0	0	0	0	84
17:30	3	0	0	1	13	48	20	3	0	0	0	0	0	0	88
17:45	2	0	0	1	18	34	17	3	1	0	0	0	0	0	76
	13	0	0	5	56	175	73	10	1	0	0	0	0	0	333
18:00	8	0	0	2	11	37	15	4	1	0	0	0	0	0	78
18:15	2	0	0	1	15	28	15	5	0	0	0	0	0	0	66
18:30	3	0	0	2	11	17	12	2	1	0	0	0	0	0	48
18:45	1	0	0	1	12	29	12	4	0	0	0	0	0	0	59
	14	0	0	6	49	111	54	15	2	0	0	0	0	0	251
19:00	0	0	0	3	3	15	11	3	0	0	0	0	0	0	35
19:15	2	0	0	0	6	17	14	3	0	0	0	0	0	0	42
19:30	1	0	0	0	5	13	12	2	2	0	0	0	0	0	35
19:45	0	0	0	0	2	13	9	4	0	0	0	0	0	0	28
	3	0	0	3	16	58	46	12	2	0	0	0	0	0	140
20:00	0	0	0	0	4	17	5	1	0	0	0	0	0	0	27
20:15	2	0	0	0	3	10	6	2	0	0	0	0	0	0	23
20:30	0	0	0	0	6	3	7	1	0	0	0	0	0	0	17
20:45	0	0	0	0	5	6	10	0	0	0	0	0	0	0	21
	2	0	0	0	18	36	28	4	0	0	0	0	0	0	88
21:00	0	0	0	0	0	7	6	3	0	0	0	0	0	0	16
21:15	0	0	0	0	0	8	13	2	0	0	0	0	0	0	23
21:30	2	0	0	1	3	10	8	2	1	0	0	0	0	0	27
21:45	0	0	0	0	3	6	6	3	0	0	0	0	0	0	18
	2	0	0	1	6	31	33	10	1	0	0	0	0	0	84
22:00	0	0	0	0	0	5	9	0	0	0	0	0	0	0	14
22:15	0	0	0	0	3	10	2	4	0	0	0	0	0	0	19
22:30	0	0	1	0	1	8	11	1	0	0	0	0	0	0	22
22:45	0	0	0	0	1	4	4	1	1	0	0	0	0	0	11
	0	0	1	0	5	27	26	6	1	0	0	0	0	0	66
23:00	0	0	0	0	2	2	3	0	0	0	0	0	0	0	7
23:15	0	0	0	0	1	1	2	0	0	0	0	0	0	0	4
23:30	0	0	0	0	1	5	1	1	0	0	0	0	0	0	8
23:45	1	0	0	0	1	0	2	0	0	0	0	0	0	0	4
	1	0	0	0	5	8	8	1	0	0	0	0	0	0	23
Total	68	0	2	16	195	594	365	73	8	0	0	0	0	0	1321

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
00:15	0	0	0	0	1	4	2	1	0	0	0	0	0	0	8
00:30	0	0	0	0	7	3	1	1	0	0	0	0	0	0	12
00:45	1	0	0	0	2	1	0	0	0	0	0	0	0	0	4
	1	0	0	0	11	9	3	2	0	0	0	0	0	0	26
01:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
01:15	0	0	0	0	0	1	4	1	0	0	0	0	0	0	6
01:30	0	0	0	0	2	1	0	0	1	0	0	0	0	0	4
01:45	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
	0	0	0	0	3	4	5	1	1	0	0	0	0	0	14
02:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
02:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:45	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
	0	0	0	0	1	5	1	0	0	0	0	0	0	0	7
03:00	0	0	0	0	0	2	2	0	0	0	0	0	0	0	4
03:15	0	0	0	0	0	5	1	0	0	0	0	0	0	0	6
03:30	0	0	0	1	0	3	0	0	0	0	0	0	0	0	4
03:45	0	0	0	0	0	3	1	3	0	0	0	0	0	0	7
	0	0	0	1	0	13	4	3	0	0	0	0	0	0	21
04:00	0	0	0	0	0	4	3	1	0	0	0	0	0	0	8
04:15	0	0	0	0	1	3	2	3	1	0	0	0	0	0	10
04:30	0	0	0	0	2	8	7	2	0	0	0	0	0	0	19
04:45	0	0	0	0	5	11	8	3	1	0	0	0	0	0	28
	0	0	0	0	8	26	20	9	2	0	0	0	0	0	65
05:00	1	0	0	0	3	11	15	2	2	0	0	0	0	0	34
05:15	0	0	0	0	1	23	26	3	1	0	0	0	0	0	54
05:30	0	0	0	0	2	29	23	2	0	0	0	0	0	0	56
05:45	1	0	0	0	3	29	19	11	1	0	0	0	0	0	64
	2	0	0	0	9	92	83	18	4	0	0	0	0	0	208
06:00	0	0	0	0	20	39	29	3	0	0	0	0	0	0	91
06:15	3	0	0	0	6	45	32	13	0	0	0	0	0	0	99
06:30	0	0	0	4	21	77	29	6	1	0	0	0	0	0	138
06:45	1	0	0	2	22	64	39	5	1	0	0	0	0	0	134
	4	0	0	6	69	225	129	27	2	0	0	0	0	0	462
07:00	8	0	0	8	58	79	24	2	0	0	0	0	0	0	179
07:15	12	0	0	5	56	96	31	2	0	0	0	0	0	0	202
07:30	7	0	0	36	139	56	7	0	0	0	0	0	0	0	245
07:45	10	0	0	15	65	85	21	4	0	0	0	0	0	0	200
	37	0	0	64	318	316	83	8	0	0	0	0	0	0	826
08:00	7	0	1	12	42	55	24	3	0	0	0	0	0	0	144
08:15	6	0	0	10	50	60	31	4	0	0	0	0	0	0	161
08:30	3	0	2	7	19	28	34	5	1	0	0	0	0	0	99
08:45	3	0	0	2	17	46	17	6	0	0	0	0	0	0	91
	19	0	3	31	128	189	106	18	1	0	0	0	0	0	495
09:00	2	0	0	1	5	23	20	10	2	0	0	0	0	0	63
09:15	0	0	0	1	4	27	17	5	1	0	0	0	0	0	55
09:30	0	0	1	1	6	31	28	6	0	0	0	0	0	0	73
09:45	1	0	0	3	6	20	19	8	0	0	0	0	0	0	57
	3	0	1	6	21	101	84	29	3	0	0	0	0	0	248
10:00	0	0	0	1	8	35	28	6	1	0	0	0	0	0	79
10:15	1	0	1	1	11	19	20	9	2	0	0	0	0	0	64
10:30	3	0	0	0	9	38	17	2	2	0	0	0	0	0	71
10:45	0	0	0	2	3	24	23	5	0	0	0	0	0	0	57
	4	0	1	4	31	116	88	22	5	0	0	0	0	0	271
11:00	1	0	0	1	4	27	23	5	1	1	0	0	0	0	63
11:15	0	0	0	0	5	28	16	4	2	0	0	0	0	0	55
11:30	2	0	0	3	6	22	15	3	1	0	0	0	0	0	52
11:45	0	0	0	0	9	28	19	5	0	0	0	0	0	0	61
	3	0	0	4	24	105	73	17	4	1	0	0	0	0	231
Total	73	0	5	116	623	1201	679	154	22	1	0	0	0	0	2874

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	3	0	0	1	18	23	14	6	0	0	0	0	0	0	65
12:15	6	4	1	0	6	21	19	5	3	0	0	0	0	0	65
12:30	0	0	1	0	15	24	11	6	0	0	0	0	0	0	57
12:45	0	0	0	0	6	28	22	1	0	0	0	0	0	0	57
	9	4	2	1	45	96	66	18	3	0	0	0	0	0	244
13:00	2	0	0	2	19	31	9	2	1	1	0	0	0	0	67
13:15	2	0	0	2	10	27	14	4	0	0	0	0	0	0	59
13:30	4	0	0	2	11	30	20	2	1	0	0	0	0	0	70
13:45	4	0	0	0	17	32	21	3	1	0	0	0	0	0	78
	12	0	0	6	57	120	64	11	3	1	0	0	0	0	274
14:00	2	0	0	7	9	32	15	0	0	0	0	0	0	0	65
14:15	1	0	0	2	11	29	19	3	0	0	0	0	0	0	65
14:30	2	0	0	2	18	32	16	2	1	0	0	0	0	0	73
14:45	7	0	5	6	35	63	17	3	0	0	0	0	0	0	136
	12	0	5	17	73	156	67	8	1	0	0	0	0	0	339
15:00	0	0	0	2	36	43	16	4	0	0	0	0	0	0	101
15:15	3	0	0	3	10	37	20	3	3	0	0	0	0	0	79
15:30	8	0	1	11	24	50	23	3	0	0	0	0	0	0	120
15:45	6	0	1	2	13	40	30	3	0	0	0	0	0	0	95
	17	0	2	18	83	170	89	13	3	0	0	0	0	0	395
16:00	3	0	1	1	6	37	35	11	1	0	0	0	0	0	95
16:15	4	0	0	1	17	26	20	3	0	1	0	0	0	0	72
16:30	7	0	0	0	8	36	31	8	1	0	0	0	0	0	91
16:45	5	0	0	1	15	38	21	0	0	0	0	0	0	0	80
	19	0	1	3	46	137	107	22	2	1	0	0	0	0	338
17:00	3	0	0	1	8	52	21	1	0	0	0	0	0	0	86
17:15	10	0	0	0	12	44	21	1	0	0	0	0	0	0	88
17:30	7	0	0	0	15	43	11	4	0	0	0	0	0	0	80
17:45	3	0	0	1	17	41	10	0	0	0	0	0	0	0	72
	23	0	0	2	52	180	63	6	0	0	0	0	0	0	326
18:00	3	0	2	2	25	20	3	2	0	1	0	0	0	0	58
18:15	7	0	0	0	19	40	11	1	0	0	0	0	0	0	78
18:30	3	0	1	1	16	30	22	4	0	0	0	0	0	0	77
18:45	3	0	0	0	6	22	18	4	0	0	0	0	0	0	53
	16	0	3	3	66	112	54	11	0	1	0	0	0	0	266
19:00	1	0	0	2	3	23	13	0	0	0	0	0	0	0	42
19:15	2	0	0	0	8	21	19	1	0	0	0	0	0	0	51
19:30	1	0	0	0	6	26	16	4	0	0	0	0	0	0	53
19:45	0	0	0	0	7	22	12	2	1	0	0	0	0	0	44
	4	0	0	2	24	92	60	7	1	0	0	0	0	0	190
20:00	1	0	0	1	13	20	8	0	0	0	0	0	0	0	43
20:15	0	0	0	0	3	11	6	1	0	0	0	0	0	0	21
20:30	3	0	0	0	4	14	6	1	1	0	0	0	0	0	29
20:45	0	0	0	0	5	10	5	2	0	0	0	0	0	0	22
	4	0	0	1	25	55	25	4	1	0	0	0	0	0	115
21:00	0	0	0	0	2	14	11	2	0	0	0	0	0	0	29
21:15	0	0	0	0	0	11	3	1	1	0	0	0	0	0	16
21:30	0	0	0	1	4	8	4	3	0	0	0	0	0	0	20
21:45	0	0	0	0	2	9	6	0	2	0	0	0	0	0	19
	0	0	0	1	8	42	24	6	3	0	0	0	0	0	84
22:00	0	0	0	0	2	11	6	1	0	0	0	0	0	0	20
22:15	0	0	0	0	2	11	8	1	0	0	0	0	0	0	22
22:30	0	0	0	0	2	9	3	2	0	0	0	0	0	0	16
22:45	0	0	0	0	1	2	6	2	0	0	0	0	0	0	11
	0	0	0	0	7	33	23	6	0	0	0	0	0	0	69
23:00	0	0	0	0	1	4	2	0	0	0	0	0	0	0	7
23:15	0	0	0	0	0	8	8	3	2	0	0	0	0	0	21
23:30	0	0	0	0	2	3	4	1	0	0	0	0	0	0	10
23:45	0	0	0	0	1	0	2	0	1	0	0	0	0	0	4
	0	0	0	0	4	15	16	4	3	0	0	0	0	0	42
Total	116	4	13	54	490	1208	658	116	20	3	0	0	0	0	2682

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3
00:15	0	0	0	0	0	2	2	2	0	0	0	0	0	0	6
00:30	0	0	0	1	2	6	0	1	0	0	1	0	0	0	11
00:45	0	0	0	0	1	3	1	0	1	0	0	0	0	0	6
	0	0	0	1	3	12	4	3	2	0	1	0	0	0	26
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
01:15	0	0	0	0	0	2	1	0	1	0	0	0	0	0	4
01:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:45	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4
	0	0	0	0	1	5	2	1	1	0	0	0	0	0	10
02:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
02:15	0	0	0	0	2	2	0	0	0	0	0	0	0	0	4
02:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:45	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	0	0	0	0	3	3	2	1	0	0	0	0	0	0	9
03:00	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3
03:15	0	0	0	0	1	3	0	0	0	0	0	0	0	0	4
03:30	0	0	0	0	0	1	2	0	1	0	0	0	0	0	4
03:45	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	0	0	0	0	2	6	3	1	1	0	0	0	0	0	13
04:00	0	0	0	0	0	3	3	2	0	0	0	0	0	0	8
04:15	0	0	0	0	1	5	5	0	0	0	0	0	0	0	11
04:30	0	0	0	0	0	12	8	1	0	1	0	0	0	0	22
04:45	0	0	0	0	3	7	9	4	1	0	0	0	0	0	24
	0	0	0	0	4	27	25	7	1	1	0	0	0	0	65
05:00	0	0	0	0	5	11	13	3	0	0	0	0	0	0	32
05:15	0	0	0	0	2	16	26	6	0	0	0	0	0	0	50
05:30	3	0	0	3	10	18	26	7	0	0	0	0	0	0	67
05:45	0	0	0	0	7	22	19	14	1	0	0	0	0	0	63
	3	0	0	3	24	67	84	30	1	0	0	0	0	0	212
06:00	0	0	0	1	16	50	22	2	0	0	0	0	0	0	91
06:15	1	0	0	6	27	36	44	5	1	0	0	0	0	0	120
06:30	0	0	0	0	14	73	30	4	0	0	0	0	0	0	121
06:45	3	0	0	0	22	79	36	0	1	0	0	0	0	0	141
	4	0	0	7	79	238	132	11	2	0	0	0	0	0	473
07:00	7	0	0	11	51	99	22	5	0	0	0	0	0	0	195
07:15	14	0	6	28	92	63	14	2	0	0	0	0	0	0	219
07:30	6	0	0	10	110	94	20	3	0	0	0	0	0	0	243
07:45	2	0	1	23	55	79	24	2	1	0	0	0	0	0	187
	29	0	7	72	308	335	80	12	1	0	0	0	0	0	844
08:00	3	0	0	20	46	75	10	2	0	0	0	0	0	0	156
08:15	3	0	0	24	63	51	15	0	1	0	0	0	0	0	157
08:30	3	0	2	0	29	37	29	2	0	0	0	0	0	0	102
08:45	1	0	0	7	12	33	23	5	0	0	0	0	0	0	81
	10	0	2	51	150	196	77	9	1	0	0	0	0	0	496
09:00	1	0	0	1	16	20	25	8	0	0	0	0	0	0	71
09:15	0	0	0	0	4	26	28	6	2	1	0	0	0	0	67
09:30	1	0	0	1	9	43	18	4	0	2	0	0	0	0	78
09:45	2	0	0	1	10	32	14	8	0	0	0	0	0	0	67
	4	0	0	3	39	121	85	26	2	3	0	0	0	0	283
10:00	1	0	1	2	10	35	13	3	2	0	0	0	0	0	67
10:15	1	0	0	3	14	27	19	4	0	0	0	0	0	0	68
10:30	1	0	0	4	15	22	18	2	0	0	0	0	0	0	62
10:45	0	0	0	1	12	29	12	2	0	0	0	0	0	0	56
	3	0	1	10	51	113	62	11	2	0	0	0	0	0	253
11:00	2	0	0	0	12	22	14	2	0	0	0	0	0	0	52
11:15	1	0	0	2	8	16	11	6	0	0	0	0	0	0	44
11:30	1	0	0	1	15	18	14	5	0	0	0	0	0	0	54
11:45	1	0	0	3	8	28	20	2	0	1	0	0	0	0	63
	5	0	0	6	43	84	59	15	0	1	0	0	0	0	213
Total	58	0	10	153	707	1207	615	127	14	5	1	0	0	0	2897

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	3	0	0	0	6	49	24	2	0	0	0	0	0	0	84
12:15	2	0	0	0	5	27	22	4	1	0	0	0	0	0	61
12:30	1	0	0	2	8	32	15	5	1	1	0	0	0	0	65
12:45	0	0	0	0	14	31	15	4	0	0	0	0	0	0	64
	6	0	0	2	33	139	76	15	2	1	0	0	0	0	274
13:00	4	0	0	0	4	22	23	7	0	0	0	0	0	0	60
13:15	2	0	0	0	9	28	13	6	0	0	0	0	0	0	58
13:30	3	0	1	3	11	33	16	6	0	0	0	0	0	0	73
13:45	8	0	0	1	12	40	12	1	0	1	0	0	0	0	75
	17	0	1	4	36	123	64	20	0	1	0	0	0	0	266
14:00	3	0	0	4	18	33	15	3	0	0	0	0	0	0	76
14:15	1	0	0	4	13	27	18	8	0	0	0	0	0	0	71
14:30	8	0	0	2	29	19	15	2	1	0	0	0	0	0	76
14:45	3	0	0	3	49	38	12	0	0	0	0	0	0	0	105
	15	0	0	13	109	117	60	13	1	0	0	0	0	0	328
15:00	2	0	0	0	19	42	22	3	0	0	0	0	0	0	88
15:15	5	1	0	5	20	26	14	2	0	0	0	0	0	0	73
15:30	6	0	1	8	48	42	11	0	2	0	0	0	0	0	118
15:45	8	0	2	3	28	44	14	0	0	0	0	0	0	0	99
	21	1	3	16	115	154	61	5	2	0	0	0	0	0	378
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	59	1	4	35	293	533	261	53	5	2	0	0	0	0	1246
Grand Total	374	5	34	374	2308	4743	2578	523	69	11	1	0	0	0	11020

15th Percentile :	31 MPH
50th Percentile :	37 MPH
85th Percentile :	42 MPH
95th Percentile :	46 MPH

Stats

Mean Speed(Average) :	37 MPH
10 MPH Pace Speed :	34-43 MPH
Number in Pace :	7021
Percent in Pace :	63.7%
Number of Vehicles > 35 MPH :	7925

Percent of Vehicles > 35 MPH : 71.9%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/02/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
00:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	16	0	1	2	40	111	51	10	1	0	0	0	0	0	232
16:15	6	0	0	2	37	99	64	8	0	0	0	0	0	0	216
16:30	9	0	0	3	22	99	73	11	1	0	0	0	0	0	218
16:45	23	0	1	9	43	129	49	5	0	0	0	0	0	0	259
	54	0	2	16	142	438	237	34	2	0	0	0	0	0	925
17:00	5	0	0	2	25	143	65	12	1	0	0	0	0	0	253
17:15	10	0	1	3	38	149	56	8	0	0	0	0	0	0	265
17:30	6	0	0	4	50	154	63	6	1	0	0	0	0	0	284
17:45	11	0	0	1	33	134	76	10	2	0	0	0	0	0	267
	32	0	1	10	146	580	260	36	4	0	0	0	0	0	1069
18:00	13	0	0	3	27	113	58	8	1	0	0	0	0	0	223
18:15	3	0	0	1	34	76	38	8	0	0	0	0	0	0	160
18:30	6	0	0	2	22	51	36	5	3	0	0	0	0	0	125
18:45	2	0	0	3	23	80	48	9	1	0	0	0	0	0	166
	24	0	0	9	106	320	180	30	5	0	0	0	0	0	674
19:00	0	0	0	3	8	53	33	12	1	0	0	0	0	0	110
19:15	2	0	0	0	15	46	42	6	0	0	0	0	0	0	111
19:30	2	0	0	0	7	49	45	9	2	0	0	0	0	0	114
19:45	1	0	0	0	11	55	36	4	2	0	0	0	0	0	109
	5	0	0	3	41	203	156	31	5	0	0	0	0	0	444
20:00	2	0	0	0	9	39	18	7	1	0	0	0	0	0	76
20:15	2	0	0	0	5	43	17	4	0	0	0	0	0	0	71
20:30	0	0	0	0	15	24	22	9	1	0	0	0	0	0	71
20:45	0	0	0	0	10	22	22	3	2	1	0	0	0	0	60
	4	0	0	0	39	128	79	23	4	1	0	0	0	0	278
21:00	0	0	0	0	3	23	28	8	0	0	0	0	0	0	62
21:15	1	0	0	0	2	33	23	5	1	0	0	0	0	0	65
21:30	2	0	0	1	3	26	23	5	1	0	0	0	0	0	61
21:45	0	0	0	0	4	15	31	8	2	0	0	0	0	0	60
	3	0	0	1	12	97	105	26	4	0	0	0	0	0	248
22:00	0	0	0	0	4	17	24	2	0	0	0	0	0	0	47
22:15	0	0	0	1	6	22	9	7	0	0	0	0	0	0	45
22:30	0	0	1	0	3	15	20	3	1	0	0	0	0	0	43
22:45	0	0	0	0	4	7	9	2	1	0	0	0	0	0	23
	0	0	1	1	17	61	62	14	2	0	0	0	0	0	158
23:00	0	0	0	0	6	10	14	2	0	0	0	0	0	0	32
23:15	0	0	0	0	2	11	7	2	1	0	0	0	0	0	23
23:30	0	0	0	0	3	12	6	4	1	1	0	0	0	0	27
23:45	1	0	0	0	1	6	9	1	2	0	0	0	0	0	20
	1	0	0	0	12	39	36	9	4	1	0	0	0	0	102
Total	123	0	4	40	515	1866	1115	203	30	2	0	0	0	0	3898

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/03/1															
4	0	0	0	0	1	4	6	2	0	0	0	0	0	0	13
00:15	0	0	0	0	4	9	5	3	0	0	0	0	0	0	21
00:30	0	0	0	0	8	8	4	1	1	0	0	0	0	0	22
00:45	1	0	0	0	2	2	0	2	1	0	0	0	0	0	8
	1	0	0	0	15	23	15	8	2	0	0	0	0	0	64
01:00	0	0	0	0	1	2	3	2	1	0	1	0	0	0	10
01:15	0	0	0	0	0	3	6	1	0	0	0	0	0	0	10
01:30	0	0	0	0	2	1	1	1	1	0	0	0	0	0	6
01:45	0	0	0	0	1	2	2	0	0	0	0	0	0	0	5
	0	0	0	0	4	8	12	4	2	0	1	0	0	0	31
02:00	0	0	0	0	0	4	4	1	0	0	0	0	0	0	9
02:15	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
02:30	0	0	0	0	1	5	2	1	1	0	0	0	0	0	10
02:45	0	0	0	0	1	3	2	1	0	1	0	0	0	0	8
	0	0	0	0	3	13	9	3	1	1	0	0	0	0	30
03:00	0	0	0	0	1	2	3	0	0	0	0	0	0	0	6
03:15	0	0	0	0	1	9	4	0	0	0	0	0	0	0	14
03:30	0	0	0	1	0	5	0	0	0	0	0	0	0	0	6
03:45	0	0	0	0	0	4	3	3	0	0	0	0	0	0	10
	0	0	0	1	2	20	10	3	0	0	0	0	0	0	36
04:00	0	0	0	0	0	4	4	1	0	0	0	0	0	0	9
04:15	0	0	0	0	1	3	2	4	1	0	0	0	0	0	11
04:30	0	0	0	0	3	8	9	2	0	0	0	0	0	0	22
04:45	0	0	0	0	5	12	10	4	1	0	0	0	0	0	32
	0	0	0	0	9	27	25	11	2	0	0	0	0	0	74
05:00	2	0	0	0	3	14	15	3	2	0	0	0	0	0	39
05:15	0	0	0	0	1	26	29	3	2	0	0	0	0	0	61
05:30	1	0	0	0	2	33	30	3	1	0	0	0	0	0	70
05:45	2	0	0	0	3	36	20	12	1	0	0	0	0	0	74
	5	0	0	0	9	109	94	21	6	0	0	0	0	0	244
06:00	0	0	0	0	20	45	38	4	0	0	0	0	0	0	107
06:15	5	0	0	0	7	51	43	13	1	0	0	0	0	0	120
06:30	0	0	0	4	22	89	39	7	4	0	0	1	0	0	166
06:45	3	0	0	5	27	87	45	10	1	0	0	0	0	0	178
	8	0	0	9	76	272	165	34	6	0	0	1	0	0	571
07:00	19	0	2	14	87	114	29	6	1	0	0	0	0	0	272
07:15	29	2	12	24	88	122	42	5	1	0	0	0	0	0	325
07:30	15	0	0	41	154	81	15	3	0	0	0	0	0	0	309
07:45	16	0	0	17	81	116	37	7	1	0	0	0	0	0	275
	79	2	14	96	410	433	123	21	3	0	0	0	0	0	1181
08:00	16	0	1	14	47	92	44	10	0	0	0	0	0	0	224
08:15	11	0	0	10	58	91	49	11	0	0	0	0	0	0	230
08:30	5	0	2	7	19	44	51	12	2	1	0	0	0	0	143
08:45	6	0	0	2	23	62	27	12	1	0	0	0	0	0	133
	38	0	3	33	147	289	171	45	3	1	0	0	0	0	730
09:00	5	0	2	1	7	36	34	19	5	0	0	0	0	0	109
09:15	0	0	0	3	12	39	36	8	3	1	0	0	0	0	102
09:30	0	0	1	1	13	46	45	11	1	0	0	0	0	0	118
09:45	1	0	0	3	11	45	33	11	1	0	0	0	0	0	105
	6	0	3	8	43	166	148	49	10	1	0	0	0	0	434
10:00	1	0	0	1	16	53	40	12	1	0	0	0	0	0	124
10:15	2	0	1	1	20	34	41	10	3	0	0	0	0	0	112
10:30	6	0	0	1	16	53	32	5	3	0	0	0	0	0	116
10:45	1	0	0	2	11	42	33	7	0	0	0	0	0	0	96
	10	0	1	5	63	182	146	34	7	0	0	0	0	0	448
11:00	3	0	0	2	8	53	43	7	1	1	0	0	0	0	118
11:15	1	0	1	0	19	47	32	9	2	0	0	0	0	0	111
11:30	4	0	0	3	9	40	37	3	2	0	0	0	0	0	98
11:45	2	0	0	0	19	43	36	9	2	0	0	0	0	0	111
	10	0	1	5	55	183	148	28	7	1	0	0	0	0	438
Total	157	2	22	157	836	1725	1066	261	49	4	1	1	0	0	4281

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	6	0	0	2	24	52	28	13	1	0	0	0	0	0	126
12:15	7	4	1	0	10	51	30	10	6	0	0	0	0	0	119
12:30	3	0	1	2	17	48	26	13	0	0	0	0	0	0	110
12:45	0	0	0	0	9	51	48	8	1	1	0	0	0	0	118
	16	4	2	4	60	202	132	44	8	1	0	0	0	0	473
13:00	2	0	0	5	24	59	28	5	3	1	1	0	0	0	128
13:15	2	0	2	5	26	52	39	9	1	0	0	0	0	0	136
13:30	9	0	1	4	25	60	47	8	1	0	0	0	0	0	155
13:45	5	0	0	0	26	54	47	10	3	0	0	0	0	0	145
	18	0	3	14	101	225	161	32	8	1	1	0	0	0	564
14:00	4	0	1	8	20	62	38	5	2	0	0	0	0	0	140
14:15	2	0	1	5	20	64	43	7	2	0	0	0	0	0	144
14:30	3	0	0	7	39	81	43	8	1	0	0	0	0	0	182
14:45	13	0	5	15	50	108	48	8	1	0	0	0	0	0	248
	22	0	7	35	129	315	172	28	6	0	0	0	0	0	714
15:00	3	0	0	2	54	90	37	12	1	0	0	0	0	0	199
15:15	7	0	2	8	28	93	46	10	4	0	0	0	0	0	198
15:30	12	0	1	13	40	110	50	8	0	0	0	0	0	0	234
15:45	15	0	1	5	39	98	59	6	0	0	0	0	0	0	223
	37	0	4	28	161	391	192	36	5	0	0	0	0	0	854
16:00	8	0	2	2	20	99	76	20	2	0	0	0	0	0	229
16:15	9	0	0	3	45	87	58	13	2	1	0	0	0	0	218
16:30	9	0	0	6	28	82	73	16	2	0	0	0	0	0	216
16:45	12	0	1	9	35	96	78	7	2	0	0	0	0	0	240
	38	0	3	20	128	364	285	56	8	1	0	0	0	0	903
17:00	7	0	1	3	27	153	77	15	0	0	0	0	0	0	283
17:15	16	0	0	2	56	138	62	12	1	0	0	0	0	0	287
17:30	12	0	0	1	23	155	53	11	0	0	0	0	0	0	255
17:45	11	0	0	1	39	137	71	5	0	0	0	0	0	0	264
	46	0	1	7	145	583	263	43	1	0	0	0	0	0	1089
18:00	12	0	2	5	56	76	43	9	0	2	0	0	0	0	205
18:15	13	0	0	1	36	105	43	15	0	0	0	0	0	0	213
18:30	6	0	1	1	34	97	56	10	0	0	0	0	0	0	205
18:45	11	0	0	0	21	61	53	8	0	0	0	0	0	0	154
	42	0	3	7	147	339	195	42	0	2	0	0	0	0	777
19:00	1	0	0	2	12	83	40	8	0	0	0	0	0	0	146
19:15	2	0	0	2	17	51	36	8	0	0	0	0	0	0	116
19:30	3	0	0	4	15	70	41	10	1	0	0	0	0	0	144
19:45	1	0	0	0	13	47	30	8	1	0	0	0	0	0	100
	7	0	0	8	57	251	147	34	2	0	0	0	0	0	506
20:00	3	0	0	1	17	38	23	8	0	0	0	0	0	0	90
20:15	0	0	0	0	8	24	27	9	1	0	0	0	0	0	69
20:30	5	0	0	0	5	33	30	9	1	0	0	0	0	0	83
20:45	0	0	0	0	11	37	30	4	1	0	0	0	0	0	83
	8	0	0	1	41	132	110	30	3	0	0	0	0	0	325
21:00	0	0	0	0	4	26	25	5	0	0	0	0	0	0	60
21:15	0	0	0	1	1	31	20	8	3	0	0	0	0	0	64
21:30	0	0	0	1	5	34	17	9	0	1	0	0	0	0	67
21:45	1	0	0	0	5	17	19	8	3	0	0	0	0	0	53
	1	0	0	2	15	108	81	30	6	1	0	0	0	0	244
22:00	0	0	0	0	4	24	19	2	1	0	0	0	0	0	50
22:15	0	0	0	0	4	26	19	8	1	1	0	0	0	0	59
22:30	0	0	0	0	3	14	7	5	1	1	0	0	0	0	31
22:45	1	0	0	0	1	7	13	5	1	0	0	0	0	0	28
	1	0	0	0	12	71	58	20	4	2	0	0	0	0	168
23:00	0	0	0	0	1	18	16	4	0	0	0	0	0	0	39
23:15	0	0	0	0	3	19	15	5	2	0	0	0	0	0	44
23:30	0	0	0	0	5	12	18	2	2	0	0	0	0	0	39
23:45	0	0	0	0	2	6	11	1	1	0	0	0	0	0	21
	0	0	0	0	11	55	60	12	5	0	0	0	0	0	143
Total	236	4	23	126	1007	3036	1856	407	56	8	1	0	0	0	6760

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12/04/1															
4	0	0	0	0	0	11	8	3	2	0	0	0	0	0	24
00:15	0	0	0	0	0	9	11	3	1	0	0	0	0	0	24
00:30	0	0	0	1	2	11	3	4	0	0	1	0	0	0	22
00:45	0	0	0	0	1	7	5	1	1	1	0	0	0	0	16
	0	0	0	1	3	38	27	11	4	1	1	0	0	0	86
01:00	0	0	0	0	1	0	3	1	0	0	0	0	0	0	5
01:15	0	0	0	0	0	4	2	1	1	0	0	1	0	0	9
01:30	0	0	0	0	1	2	1	1	0	0	0	0	0	0	5
01:45	0	0	0	0	0	3	2	1	0	0	0	0	0	0	6
	0	0	0	0	2	9	8	4	1	0	0	1	0	0	25
02:00	0	0	0	0	1	2	4	1	0	0	0	0	0	0	8
02:15	0	0	0	0	2	3	0	0	0	0	0	0	0	0	5
02:30	0	0	0	0	0	1	3	1	1	0	0	0	0	0	6
02:45	0	0	0	0	0	3	2	0	0	0	0	0	0	0	5
	0	0	0	0	3	9	9	2	1	0	0	0	0	0	24
03:00	0	0	0	0	1	3	2	2	1	0	0	0	0	0	9
03:15	0	0	0	0	1	4	2	0	0	0	0	0	0	0	7
03:30	0	0	0	0	1	1	4	0	1	0	0	0	0	0	7
03:45	0	0	0	0	0	3	1	0	0	0	0	0	0	0	4
	0	0	0	0	3	11	9	2	2	0	0	0	0	0	27
04:00	0	0	0	0	0	5	4	2	0	0	0	0	0	0	11
04:15	0	0	0	0	1	6	5	0	0	0	0	0	0	0	12
04:30	0	0	0	0	1	12	9	1	0	1	0	0	0	0	24
04:45	0	0	0	0	3	8	9	6	1	0	0	0	0	0	27
	0	0	0	0	5	31	27	9	1	1	0	0	0	0	74
05:00	0	0	0	0	5	12	13	5	0	0	0	0	0	0	35
05:15	0	0	0	0	2	17	29	6	0	0	0	0	0	0	54
05:30	4	0	0	3	11	26	28	9	0	0	0	0	0	0	81
05:45	2	0	0	0	10	28	21	15	1	0	0	0	0	0	77
	6	0	0	3	28	83	91	35	1	0	0	0	0	0	247
06:00	0	0	0	1	18	59	31	4	0	0	0	0	0	0	113
06:15	4	0	0	6	29	47	60	8	1	0	0	0	0	0	155
06:30	0	0	0	0	18	82	36	5	1	0	0	0	0	0	142
06:45	9	0	0	0	26	92	52	4	1	0	0	0	0	0	184
	13	0	0	7	91	280	179	21	3	0	0	0	0	0	594
07:00	14	1	7	27	62	125	37	9	0	0	0	0	0	0	282
07:15	38	5	18	46	113	86	28	3	2	0	0	0	0	0	339
07:30	11	0	1	15	125	118	36	5	0	1	0	0	0	0	312
07:45	10	0	1	24	72	117	40	8	1	0	0	0	0	0	273
	73	6	27	112	372	446	141	25	3	1	0	0	0	0	1206
08:00	8	0	2	26	57	109	22	3	0	0	0	0	0	0	227
08:15	7	0	0	32	95	84	34	6	1	0	0	0	0	0	259
08:30	4	0	2	2	36	59	46	6	2	0	0	0	0	0	157
08:45	3	0	0	8	17	52	41	12	0	0	0	0	0	0	133
	22	0	4	68	205	304	143	27	3	0	0	0	0	0	776
09:00	2	0	1	1	23	32	39	12	2	0	0	0	0	0	112
09:15	3	0	0	6	4	42	44	9	3	1	1	0	0	0	113
09:30	3	0	0	2	16	61	36	7	3	2	0	0	0	0	130
09:45	5	0	0	3	13	50	30	14	0	1	0	0	0	0	116
	13	0	1	12	56	185	149	42	8	4	1	0	0	0	471
10:00	2	0	2	2	15	48	29	5	3	0	0	0	0	0	106
10:15	2	0	0	3	15	42	41	7	1	0	0	0	0	0	111
10:30	2	0	0	5	18	36	32	2	0	1	0	0	0	0	96
10:45	0	0	0	1	15	43	31	7	1	0	0	0	0	0	98
	6	0	2	11	63	169	133	21	5	1	0	0	0	0	411
11:00	3	0	0	3	15	42	30	8	2	0	0	0	0	0	103
11:15	3	0	0	2	16	40	31	15	4	0	0	0	0	0	111
11:30	4	0	0	2	23	37	34	8	2	0	0	0	0	0	110
11:45	5	0	0	3	17	40	46	8	2	1	0	0	0	0	122
	15	0	0	10	71	159	141	39	10	1	0	0	0	0	446
Total	148	6	34	224	902	1724	1057	238	42	9	2	1	0	0	4387

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: NC 56
Station ID: 12
NC 56
West of Creedmore Elementary
Date Start: 02-Dec-14

Westbound, Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
12 PM	4	0	0	3	18	78	45	7	0	0	0	0	0	0	155
12:15	3	0	1	1	13	49	46	13	4	0	0	0	0	0	130
12:30	4	1	0	2	16	57	51	6	1	1	0	0	0	0	139
12:45	1	0	0	3	24	66	41	7	0	0	0	0	0	0	142
	12	1	1	9	71	250	183	33	5	1	0	0	0	0	566
13:00	7	0	0	0	11	50	50	10	0	0	0	0	0	0	128
13:15	3	0	0	1	14	64	39	7	0	0	0	0	0	0	128
13:30	5	0	1	6	19	64	43	13	1	0	0	0	0	0	152
13:45	10	0	0	1	16	75	30	8	2	1	0	0	0	0	143
	25	0	1	8	60	253	162	38	3	1	0	0	0	0	551
14:00	5	0	0	4	27	66	41	8	0	0	0	0	0	0	151
14:15	2	0	2	12	37	53	40	17	0	0	0	0	0	0	163
14:30	10	0	1	4	47	66	50	6	3	0	0	0	0	0	187
14:45	8	0	3	10	77	73	32	4	0	0	0	0	0	0	207
	25	0	6	30	188	258	163	35	3	0	0	0	0	0	708
15:00	5	0	0	1	30	84	56	10	1	0	0	0	0	0	187
15:15	7	1	7	22	44	55	39	18	0	0	0	0	0	0	193
15:30	11	0	1	18	69	97	37	2	2	0	0	0	0	0	237
15:45	17	0	2	4	46	128	49	2	0	0	0	0	0	0	248
	40	1	10	45	189	364	181	32	3	0	0	0	0	0	865
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	102	2	18	92	508	1125	689	138	14	2	0	0	0	0	2690
Grand Total	766	14	101	639	3768	9476	5783	1247	191	25	4	2	0	0	22016

	15th Percentile :	31 MPH
	50th Percentile :	37 MPH
	85th Percentile :	43 MPH
	95th Percentile :	46 MPH
Stats	Mean Speed(Average) :	37 MPH
	10 MPH Pace Speed :	34-43 MPH
	Number in Pace :	14057
	Percent in Pace :	63.8%
	Number of Vehicles > 35 MPH :	16728

Percent of Vehicles > 35 MPH : 76.0%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
01/06/15															
	0	3	3	1	0	0	0	0	0	0	0	0	0	0	7
00:15	1	6	4	1	0	0	0	0	0	0	0	0	0	0	12
00:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
00:45	0	3	1	2	0	0	0	0	0	0	0	0	0	0	6
	1	13	9	4	0	0	0	0	0	0	0	0	0	0	27
01:00	1	1	5	0	0	0	0	0	0	0	0	0	0	0	7
01:15	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
01:30	0	2	3	2	0	0	0	0	0	0	0	0	0	0	7
01:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	1	6	12	3	0	0	0	0	0	0	0	0	0	0	22
02:00	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3
02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30	3	0	2	0	1	0	0	0	0	0	0	0	0	0	6
02:45	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
	3	4	3	1	2	0	0	0	0	0	0	0	0	0	13
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
03:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
03:30	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
03:45	2	2	1	1	0	0	0	0	0	0	0	0	0	0	6
	3	6	3	2	0	0	0	0	0	0	0	0	0	0	14
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:15	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
04:30	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
04:45	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
	3	3	4	1	0	0	0	0	0	0	0	0	0	0	11
05:00	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
05:15	0	2	6	0	0	0	0	0	0	0	0	0	0	0	8
05:30	0	2	0	0	0	1	1	0	0	0	0	0	0	0	4
05:45	1	1	6	2	0	0	0	0	0	0	0	0	0	0	10
	1	6	14	3	0	1	1	0	0	0	0	0	0	0	26
06:00	1	4	7	3	1	0	0	0	0	0	0	0	0	0	16
06:15	3	9	12	4	0	0	0	0	0	0	0	0	0	0	28
06:30	4	8	10	2	2	0	0	0	0	0	0	0	0	0	26
06:45	8	12	6	2	1	0	0	0	0	0	0	0	0	0	29
	16	33	35	11	4	0	0	0	0	0	0	0	0	0	99
07:00	19	11	5	4	2	1	0	0	0	0	0	0	0	0	42
07:15	13	18	14	4	0	0	0	0	0	0	0	0	0	0	49
07:30	9	14	10	3	0	0	0	0	0	0	0	0	0	0	36
07:45	17	32	6	4	0	0	0	0	0	0	0	0	0	0	59
	58	75	35	15	2	1	0	0	0	0	0	0	0	0	186
08:00	20	25	19	2	0	0	0	0	0	0	0	0	0	0	66
08:15	19	33	17	2	0	0	0	0	0	0	0	0	0	0	71
08:30	16	23	17	9	1	0	0	0	0	0	0	0	0	0	66
08:45	4	13	15	5	0	0	0	0	0	0	0	0	0	0	37
	59	94	68	18	1	0	0	0	0	0	0	0	0	0	240
09:00	5	7	11	2	1	0	0	0	0	0	0	0	0	0	26
09:15	4	10	14	2	0	0	0	0	0	0	0	0	0	0	30
09:30	6	17	12	2	0	0	0	0	0	0	0	0	0	0	37
09:45	6	14	11	2	1	0	0	0	0	0	0	0	0	0	34
	21	48	48	8	2	0	0	0	0	0	0	0	0	0	127
10:00	9	12	13	4	1	0	0	0	0	0	0	0	0	0	39
10:15	5	8	16	5	0	0	0	0	0	0	0	0	0	0	34
10:30	6	13	12	4	2	0	0	0	0	0	0	0	0	0	37
10:45	10	12	15	7	0	0	0	0	0	0	0	0	0	0	44
	30	45	56	20	3	0	0	0	0	0	0	0	0	0	154
11:00	10	19	9	4	1	0	0	0	0	0	0	0	0	0	43
11:15	7	14	13	7	0	0	0	0	0	0	0	0	0	0	41
11:30	6	10	11	7	0	0	0	0	0	0	0	0	0	0	34
11:45	11	12	21	9	0	0	0	0	0	0	0	0	0	0	53
	34	55	54	27	1	0	0	0	0	0	0	0	0	0	171
Total	230	388	341	113	15	2	1	0	0	0	0	0	0	0	1090

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
12 PM	9	16	22	7	1	0	0	0	0	0	0	0	0	0	55
12:15	4	12	15	8	0	0	0	0	0	0	0	0	0	0	39
12:30	6	6	12	6	0	0	0	0	0	0	0	0	0	0	30
12:45	4	28	15	5	1	0	0	0	0	0	0	0	0	0	53
	23	62	64	26	2	0	0	0	0	0	0	0	0	0	177
13:00	18	22	27	0	0	0	0	0	0	0	0	0	0	0	67
13:15	12	22	14	11	0	0	0	0	0	0	0	0	0	0	59
13:30	6	25	20	2	0	0	0	0	0	0	0	0	0	0	53
13:45	25	26	18	7	0	0	0	0	0	0	0	0	0	0	76
	61	95	79	20	0	0	0	0	0	0	0	0	0	0	255
14:00	12	30	25	4	2	0	0	0	0	0	0	0	0	0	73
14:15	14	24	29	2	3	0	0	0	0	0	0	0	0	0	72
14:30	20	31	10	4	1	0	0	0	0	0	0	0	0	0	66
14:45	11	27	28	6	2	0	0	0	0	0	0	0	0	0	74
	57	112	92	16	8	0	0	0	0	0	0	0	0	0	285
15:00	15	30	23	4	2	0	0	0	0	0	0	0	0	0	74
15:15	17	32	33	5	0	1	0	0	0	0	0	0	0	0	88
15:30	39	56	33	6	0	0	0	0	0	0	0	0	0	0	134
15:45	27	51	36	4	1	0	0	0	0	0	0	0	0	0	119
	98	169	125	19	3	1	0	0	0	0	0	0	0	0	415
16:00	20	46	46	12	1	0	0	0	0	0	0	0	0	0	125
16:15	14	39	45	15	0	0	0	0	0	0	0	0	0	0	113
16:30	4	59	41	20	1	0	0	0	0	0	0	0	0	0	125
16:45	23	80	39	6	3	0	0	0	0	0	0	0	0	0	151
	61	224	171	53	5	0	0	0	0	0	0	0	0	0	514
17:00	28	75	51	6	0	0	0	0	0	0	0	0	0	0	160
17:15	20	78	51	11	2	0	1	0	0	0	0	0	0	0	163
17:30	31	92	37	4	0	0	0	0	0	0	0	0	0	0	164
17:45	31	55	36	3	0	0	0	0	0	0	0	0	0	0	125
	110	300	175	24	2	0	1	0	0	0	0	0	0	0	612
18:00	36	72	40	4	0	0	0	0	0	0	0	0	0	0	152
18:15	32	55	14	3	0	0	0	0	0	0	0	0	0	0	104
18:30	35	58	19	4	0	0	0	0	0	0	0	0	0	0	116
18:45	10	39	30	4	0	0	0	0	0	0	0	0	0	0	83
	113	224	103	15	0	0	0	0	0	0	0	0	0	0	455
19:00	16	23	18	3	1	0	0	0	0	0	0	0	0	0	61
19:15	6	34	23	2	0	0	0	0	0	0	0	0	0	0	65
19:30	8	30	16	2	0	0	0	0	0	0	0	0	0	0	56
19:45	11	23	16	2	0	0	0	0	0	0	0	0	0	0	52
	41	110	73	9	1	0	0	0	0	0	0	0	0	0	234
20:00	15	26	20	3	0	0	0	0	0	0	0	0	0	0	64
20:15	13	24	12	1	1	0	0	0	0	0	0	0	0	0	51
20:30	14	17	12	3	0	0	0	0	0	0	0	0	0	0	46
20:45	6	11	10	3	1	0	0	0	0	0	0	0	0	0	31
	48	78	54	10	2	0	0	0	0	0	0	0	0	0	192
21:00	8	24	15	3	0	0	0	0	0	0	0	0	0	0	50
21:15	4	9	13	2	0	0	0	0	0	0	0	0	0	0	28
21:30	3	19	11	4	0	2	0	0	0	0	0	0	0	0	39
21:45	4	7	7	1	1	0	0	0	0	0	0	0	0	0	20
	19	59	46	10	1	2	0	0	0	0	0	0	0	0	137
22:00	2	12	8	1	0	0	0	0	0	0	0	0	0	0	23
22:15	6	10	5	1	1	0	0	0	0	0	0	0	0	0	23
22:30	8	14	1	1	0	0	0	0	0	0	0	0	0	0	24
22:45	7	2	1	0	0	1	0	0	0	0	0	0	0	0	11
	23	38	15	3	1	1	0	0	0	0	0	0	0	0	81
23:00	3	11	3	2	0	0	0	0	0	0	0	0	0	0	19
23:15	14	1	2	0	0	0	0	0	0	0	0	0	0	0	17
23:30	2	7	8	1	0	0	0	0	0	0	0	0	0	0	18
23:45	2	6	2	3	1	0	0	0	0	0	0	0	0	0	14
	21	25	15	6	1	0	0	0	0	0	0	0	0	0	68
Total	675	1496	1012	211	26	4	1	0	0	0	0	0	0	0	3425

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
01/07/1															
5	2	4	4	2	1	0	0	0	1	0	0	0	0	0	14
00:15	1	6	1	0	1	0	0	0	0	0	0	0	0	0	9
00:30	0	1	6	2	1	0	0	0	0	0	0	0	0	0	10
00:45	0	2	3	2	0	0	0	0	0	0	0	0	0	0	7
	3	13	14	6	3	0	0	0	1	0	0	0	0	0	40
01:00	0	0	1	0	1	0	0	0	1	0	0	0	0	0	3
01:15	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
01:30	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3
01:45	0	0	3	2	0	0	0	0	0	0	0	0	0	0	5
	1	2	5	4	1	0	0	0	1	0	0	0	0	0	14
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	3	0	2	0	0	0	0	0	0	0	0	0	0	0	5
02:45	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	3	1	6	0	0	0	0	0	0	0	0	0	0	0	10
03:00	2	0	3	0	1	0	0	0	0	0	0	0	0	0	6
03:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	4
03:30	0	1	4	1	0	0	0	0	0	0	0	0	0	0	6
03:45	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
	2	4	9	2	3	0	0	0	0	0	0	0	0	0	20
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
05:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
05:15	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
05:30	0	0	1	3	1	0	0	0	0	0	0	0	0	0	5
05:45	2	4	5	1	0	0	0	0	0	0	0	0	0	0	12
	3	9	7	4	1	0	0	0	0	0	0	0	0	0	24
06:00	3	3	8	3	0	0	0	0	0	0	0	0	0	0	17
06:15	5	8	8	3	0	0	0	0	0	0	0	0	0	0	24
06:30	5	9	7	2	0	0	1	0	0	0	0	0	0	0	24
06:45	4	10	15	3	0	0	0	0	0	0	0	0	0	0	32
	17	30	38	11	0	0	1	0	0	0	0	0	0	0	97
07:00	10	17	7	6	2	0	0	0	0	0	0	0	0	0	42
07:15	12	17	12	7	0	0	0	0	0	0	0	0	0	0	48
07:30	9	15	7	8	2	0	0	0	0	0	0	0	0	0	41
07:45	14	16	19	4	1	0	0	0	0	0	0	0	0	0	54
	45	65	45	25	5	0	0	0	0	0	0	0	0	0	185
08:00	8	19	15	6	0	0	0	0	0	0	0	0	0	0	48
08:15	13	27	23	3	1	0	0	0	0	0	0	0	0	0	67
08:30	9	19	8	8	0	1	0	0	0	0	0	0	0	0	45
08:45	5	6	10	6	0	0	0	0	0	0	0	0	0	0	27
	35	71	56	23	1	1	0	0	0	0	0	0	0	0	187
09:00	11	11	15	4	0	1	0	0	0	0	0	0	0	0	42
09:15	5	11	13	4	1	0	0	0	0	0	0	0	0	0	34
09:30	8	13	9	5	3	0	0	0	0	0	0	0	0	0	38
09:45	7	18	15	4	0	0	0	0	0	0	0	0	0	0	44
	31	53	52	17	4	1	0	0	0	0	0	0	0	0	158
10:00	2	10	9	5	0	2	0	0	0	0	0	0	0	0	28
10:15	7	13	6	4	1	0	0	0	0	0	0	0	0	0	31
10:30	5	15	12	4	1	1	0	0	0	0	0	0	0	0	38
10:45	8	21	13	3	1	0	0	0	0	0	0	0	0	0	46
	22	59	40	16	3	3	0	0	0	0	0	0	0	0	143
11:00	8	16	6	1	1	0	0	0	0	0	0	0	0	0	32
11:15	4	14	18	11	0	0	0	0	0	0	0	0	0	0	47
11:30	14	13	7	0	0	0	0	0	0	0	0	0	0	0	34
11:45	15	29	16	2	1	0	0	0	0	0	0	0	0	0	63
	41	72	47	14	2	0	0	0	0	0	0	0	0	0	176
Total	203	385	320	122	23	5	1	0	2	0	0	0	0	0	1061

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
12 PM	7	16	15	0	1	0	0	0	0	0	0	0	0	0	39
12:15	10	11	17	5	0	0	0	0	0	0	0	0	0	0	43
12:30	12	27	15	3	0	0	0	0	0	0	0	0	0	0	57
12:45	6	33	10	4	1	0	0	0	0	0	0	0	0	0	54
	35	87	57	12	2	0	0	0	0	0	0	0	0	0	193
13:00	13	21	13	1	1	0	0	0	0	0	0	0	0	0	49
13:15	15	32	14	4	2	0	0	0	0	0	0	0	0	0	67
13:30	8	10	20	5	0	0	0	0	0	0	0	0	0	0	43
13:45	8	29	16	6	1	0	0	0	0	0	0	0	0	0	60
	44	92	63	16	4	0	0	0	0	0	0	0	0	0	219
14:00	20	43	22	5	0	0	0	0	0	0	0	0	0	0	90
14:15	22	19	25	4	2	0	0	0	0	0	0	0	0	0	72
14:30	13	23	17	9	2	0	0	0	0	0	0	0	0	0	64
14:45	17	34	23	4	2	0	0	0	0	0	0	0	0	0	80
	72	119	87	22	6	0	0	0	0	0	0	0	0	0	306
15:00	17	32	25	6	0	0	0	0	0	0	0	0	0	0	80
15:15	26	17	23	4	1	1	0	0	0	0	0	0	0	0	72
15:30	41	70	32	10	2	0	0	0	0	0	0	0	0	0	155
15:45	44	44	38	5	0	0	0	0	0	0	0	0	0	0	131
	128	163	118	25	3	1	0	0	0	0	0	0	0	0	438
16:00	35	51	30	2	1	0	1	0	0	0	0	0	0	0	120
16:15	21	41	44	16	2	0	0	0	0	0	0	0	0	0	124
16:30	26	47	34	7	2	0	0	0	0	0	0	0	0	0	116
16:45	29	54	40	11	0	0	0	0	0	0	0	0	0	0	134
	111	193	148	36	5	0	1	0	0	0	0	0	0	0	494
17:00	25	72	46	3	2	0	0	0	0	0	0	0	0	0	148
17:15	30	70	48	10	0	0	0	0	0	0	0	0	0	0	158
17:30	42	86	25	4	0	0	0	0	0	0	0	0	0	0	157
17:45	25	75	40	3	1	0	0	0	0	0	0	0	0	0	144
	122	303	159	20	3	0	0	0	0	0	0	0	0	0	607
18:00	23	73	32	3	0	0	0	0	0	0	0	0	0	0	131
18:15	25	46	29	5	0	0	0	0	0	0	0	0	0	0	105
18:30	26	56	28	5	0	1	0	0	0	0	0	0	0	0	116
18:45	16	37	25	4	1	1	0	0	0	0	0	0	0	0	84
	90	212	114	17	1	2	0	0	0	0	0	0	0	0	436
19:00	13	32	25	9	0	0	0	0	0	0	0	0	0	0	79
19:15	16	31	8	5	1	0	0	0	0	0	0	0	0	0	61
19:30	13	34	25	1	0	0	0	0	0	0	0	0	0	0	73
19:45	13	20	21	2	2	0	0	0	0	0	0	0	0	0	58
	55	117	79	17	3	0	0	0	0	0	0	0	0	0	271
20:00	12	32	12	1	0	1	0	0	0	0	0	0	0	0	58
20:15	13	22	11	1	0	0	0	0	0	0	0	0	0	0	47
20:30	7	19	4	0	0	0	0	0	0	0	0	0	0	0	30
20:45	16	21	5	0	0	0	0	0	0	0	0	0	0	0	42
	48	94	32	2	0	1	0	0	0	0	0	0	0	0	177
21:00	9	26	11	0	0	0	0	0	0	0	0	0	0	0	46
21:15	8	19	10	2	1	0	0	0	0	0	0	0	0	0	40
21:30	10	16	13	4	2	0	0	0	0	0	0	0	0	0	45
21:45	6	11	11	1	0	0	0	0	0	0	0	0	0	0	29
	33	72	45	7	3	0	0	0	0	0	0	0	0	0	160
22:00	4	11	8	5	0	0	0	0	0	0	0	0	0	0	28
22:15	0	12	5	3	1	0	0	0	0	0	0	0	0	0	21
22:30	4	10	8	1	0	0	0	0	0	0	0	0	0	0	23
22:45	0	5	6	1	0	0	0	0	0	0	0	0	0	0	12
	8	38	27	10	1	0	0	0	0	0	0	0	0	0	84
23:00	8	9	8	0	0	0	0	0	0	0	0	0	0	0	25
23:15	1	9	4	0	0	0	0	0	0	0	0	0	0	0	14
23:30	0	10	7	4	0	0	0	0	0	0	0	0	0	0	21
23:45	2	9	6	2	1	0	0	0	0	0	0	0	0	0	20
	11	37	25	6	1	0	0	0	0	0	0	0	0	0	80
Total	757	1527	954	190	32	4	1	0	0	0	0	0	0	0	3465
Grand Total	1865	3796	2627	636	96	15	4	0	2	0	0	0	0	0	9041

15th Percentile :	16 MPH
50th Percentile :	30 MPH
85th Percentile :	40 MPH
95th Percentile :	44 MPH

Stats

Mean Speed(Average) :	30 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	3131
Percent in Pace :	34.6%
Number of Vehicles > 35 MPH :	7176

Percent of Vehicles > 35 MPH : 79.4%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
01/06/15															
	1	2	0	1	0	0	0	0	0	0	0	0	0	0	4
00:15	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
	2	4	1	1	1	1	0	0	0	0	0	0	0	0	10
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
01:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
01:45	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
	2	3	2	1	0	0	0	0	0	0	0	0	0	0	8
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03:15	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3
03:30	2	4	1	1	1	0	0	0	0	0	0	0	0	0	9
03:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	3	9	3	2	1	0	0	0	0	0	0	0	0	0	18
04:00	1	2	3	1	0	0	0	0	0	0	0	0	0	0	7
04:15	5	5	6	3	0	0	0	0	0	0	0	0	0	0	19
04:30	4	7	3	1	2	0	0	0	0	0	0	0	0	0	17
04:45	4	5	4	6	1	0	0	0	0	0	0	0	0	0	20
	14	19	16	11	3	0	0	0	0	0	0	0	0	0	63
05:00	3	15	14	6	1	0	0	0	0	0	0	0	0	0	39
05:15	8	22	14	5	1	0	0	0	0	0	0	0	0	0	50
05:30	6	33	21	8	0	1	0	0	0	0	0	0	0	0	69
05:45	13	17	24	4	0	0	0	0	0	0	0	0	0	0	58
	30	87	73	23	2	1	0	0	0	0	0	0	0	0	216
06:00	17	37	28	6	0	0	0	0	0	0	0	0	0	0	88
06:15	14	59	39	5	1	0	0	0	0	0	0	0	0	0	118
06:30	29	69	41	5	0	0	0	0	0	0	0	0	0	0	144
06:45	40	83	19	0	1	0	0	0	0	0	0	0	0	0	143
	100	248	127	16	2	0	0	0	0	0	0	0	0	0	493
07:00	73	62	19	2	0	0	0	0	0	0	0	0	0	0	156
07:15	50	76	46	5	0	0	0	0	0	0	0	0	0	0	177
07:30	65	122	22	1	0	0	0	0	0	0	0	0	0	0	210
07:45	79	109	25	1	0	0	0	0	0	0	0	0	0	0	214
	267	369	112	9	0	0	0	0	0	0	0	0	0	0	757
08:00	123	47	25	1	0	0	0	0	0	0	0	0	0	0	196
08:15	68	50	29	4	2	0	0	0	0	0	0	0	0	0	153
08:30	16	27	25	4	0	0	0	0	0	0	0	0	0	0	72
08:45	13	38	12	8	1	0	0	0	0	0	0	0	0	0	72
	220	162	91	17	3	0	0	0	0	0	0	0	0	0	493
09:00	9	16	28	10	0	0	0	0	0	0	0	0	0	0	63
09:15	15	19	14	9	1	0	0	0	0	0	0	0	0	0	58
09:30	14	25	23	2	0	0	0	0	0	0	0	0	0	0	64
09:45	15	34	12	1	2	0	0	0	0	0	0	0	0	0	64
	53	94	77	22	3	0	0	0	0	0	0	0	0	0	249
10:00	12	11	12	5	2	1	0	0	0	0	0	0	0	0	43
10:15	11	15	23	7	1	0	0	0	0	0	0	0	0	0	57
10:30	12	20	24	4	3	0	0	0	0	0	0	0	0	0	63
10:45	16	19	17	4	0	0	0	0	0	0	0	0	0	0	56
	51	65	76	20	6	1	0	0	0	0	0	0	0	0	219
11:00	12	21	14	3	1	1	0	0	0	0	0	0	0	0	52
11:15	13	17	16	5	0	0	0	0	0	0	0	0	0	0	51
11:30	13	21	23	0	3	0	0	0	0	0	0	0	0	0	60
11:45	12	24	12	8	1	0	0	0	0	0	0	0	0	0	57
	50	83	65	16	5	1	0	0	0	0	0	0	0	0	220
Total	792	1146	645	138	26	4	0	0	0	0	0	0	0	0	2751

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
12 PM	8	18	20	6	1	0	0	0	0	0	0	0	0	0	53
12:15	6	23	15	2	0	1	0	0	0	0	0	0	0	0	47
12:30	16	14	15	3	0	0	0	0	0	0	0	0	0	0	48
12:45	16	25	14	0	1	0	0	0	0	0	0	0	0	0	56
	46	80	64	11	2	1	0	0	0	0	0	0	0	0	204
13:00	11	21	9	2	1	0	0	0	0	0	0	0	0	0	44
13:15	7	14	19	5	1	0	0	0	0	0	0	0	0	0	46
13:30	17	22	17	4	0	0	0	0	0	0	0	0	0	0	60
13:45	12	26	17	6	0	0	0	0	0	0	0	0	0	0	61
	47	83	62	17	2	0	0	0	0	0	0	0	0	0	211
14:00	14	25	11	3	1	0	0	0	0	0	0	0	0	0	54
14:15	24	25	14	3	0	0	0	0	0	0	0	0	0	0	66
14:30	13	38	8	0	0	0	0	0	0	0	0	0	0	0	59
14:45	31	42	17	2	0	0	0	0	0	0	0	0	0	0	92
	82	130	50	8	1	0	0	0	0	0	0	0	0	0	271
15:00	9	22	13	3	0	0	0	0	0	0	0	0	0	0	47
15:15	30	36	12	5	0	0	0	0	0	0	0	0	0	0	83
15:30	26	42	13	1	0	0	0	0	0	0	0	0	0	0	82
15:45	18	19	14	2	1	0	0	0	0	0	0	0	0	0	54
	83	119	52	11	1	0	0	0	0	0	0	0	0	0	266
16:00	16	18	12	4	0	0	0	0	0	0	0	0	0	0	50
16:15	11	23	20	6	0	0	0	0	0	0	0	0	0	0	60
16:30	15	16	15	5	0	0	0	0	0	0	0	0	0	0	51
16:45	15	42	14	3	1	0	0	0	0	0	0	0	0	0	75
	57	99	61	18	1	0	0	0	0	0	0	0	0	0	236
17:00	30	29	14	2	0	0	0	0	0	0	0	0	0	0	75
17:15	23	20	20	8	1	0	0	0	0	0	0	0	0	0	72
17:30	22	36	10	2	2	0	0	0	0	0	0	0	0	0	72
17:45	19	34	12	2	0	0	0	0	0	0	0	0	0	0	67
	94	119	56	14	3	0	0	0	0	0	0	0	0	0	286
18:00	27	19	8	0	0	0	0	0	0	0	0	0	0	0	54
18:15	28	26	10	1	1	0	0	0	0	0	0	0	0	0	66
18:30	12	20	8	1	0	0	0	0	0	0	0	0	0	0	41
18:45	8	9	12	4	0	0	0	0	0	0	0	0	0	0	33
	75	74	38	6	1	0	0	0	0	0	0	0	0	0	194
19:00	12	6	4	3	0	0	0	0	0	0	0	1	0	0	26
19:15	14	8	6	2	1	0	0	0	0	0	0	0	0	0	31
19:30	6	15	6	2	0	0	0	0	0	0	0	0	0	0	29
19:45	11	10	6	1	0	0	0	0	0	0	0	0	0	0	28
	43	39	22	8	1	0	0	0	0	0	0	1	0	0	114
20:00	4	7	6	1	0	0	0	0	0	0	0	0	0	0	18
20:15	4	7	7	1	0	0	0	0	0	0	0	0	0	0	19
20:30	7	12	5	0	1	0	0	0	0	0	0	0	0	0	25
20:45	3	9	6	3	0	0	0	0	0	0	0	0	0	0	21
	18	35	24	5	1	0	0	0	0	0	0	0	0	0	83
21:00	3	8	3	0	0	0	0	0	0	0	0	0	0	0	14
21:15	2	7	1	3	0	0	0	0	0	0	0	0	0	0	13
21:30	5	9	9	4	0	0	0	0	0	0	0	0	0	0	27
21:45	5	3	3	1	0	0	0	0	0	0	0	0	0	0	12
	15	27	16	8	0	0	0	0	0	0	0	0	0	0	66
22:00	2	4	1	1	1	0	0	0	0	0	0	0	0	0	9
22:15	0	7	1	2	0	1	0	0	0	0	0	0	0	0	11
22:30	8	12	2	1	0	0	0	0	0	0	0	0	0	0	23
22:45	6	4	1	0	0	0	0	0	0	0	0	0	0	0	11
	16	27	5	4	1	1	0	0	0	0	0	0	0	0	54
23:00	5	3	0	0	0	0	0	0	0	0	0	0	0	0	8
23:15	3	2	2	1	0	0	0	0	0	0	0	0	0	0	8
23:30	2	3	2	0	0	0	0	0	0	0	0	0	0	0	7
23:45	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
	11	8	5	1	0	0	0	0	0	0	0	0	0	0	25
Total	587	840	455	111	14	2	0	0	0	0	0	1	0	0	2010

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
01/07/1															
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	1	2	0	1	0	0	0	0	0	0	0	0	0	0	4
00:45	1	2	1	0	0	2	0	0	0	0	0	0	0	0	6
	3	5	1	1	0	2	0	0	0	0	0	0	0	0	12
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
01:30	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3
01:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	3	3	2	1	0	0	0	0	0	0	0	0	0	0	9
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
03:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
03:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
03:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
03:45	1	2	0	1	0	0	0	0	0	0	0	0	0	0	4
	1	7	7	1	0	0	0	0	0	0	0	0	0	0	16
04:00	0	2	4	1	0	0	0	0	0	0	0	0	0	0	7
04:15	1	6	1	1	0	1	0	0	0	0	0	0	0	0	10
04:30	2	10	3	3	0	2	0	0	0	0	0	0	0	0	20
04:45	2	8	7	1	0	0	0	0	0	0	0	0	0	0	18
	5	26	15	6	0	3	0	0	0	0	0	0	0	0	55
05:00	8	4	10	5	2	1	0	0	0	0	0	0	0	0	30
05:15	4	17	15	6	1	0	0	0	0	0	0	0	0	0	43
05:30	11	36	24	2	1	0	0	0	0	0	0	0	0	0	74
05:45	8	26	17	5	1	0	0	0	0	0	0	0	0	0	57
	31	83	66	18	5	1	0	0	0	0	0	0	0	0	204
06:00	15	51	29	5	0	0	0	0	0	0	0	0	0	0	100
06:15	16	54	41	9	3	0	0	0	0	0	0	0	0	0	123
06:30	27	64	27	4	1	0	0	0	0	0	0	0	0	0	123
06:45	41	100	23	2	0	0	0	0	0	0	0	0	0	0	166
	99	269	120	20	4	0	0	0	0	0	0	0	0	0	512
07:00	39	72	35	4	0	0	0	0	0	0	0	0	0	0	150
07:15	38	102	30	2	0	1	0	0	0	0	0	0	0	0	173
07:30	108	70	20	2	0	0	0	0	0	0	0	0	0	0	200
07:45	66	83	23	3	0	0	0	0	0	0	0	0	0	0	175
	251	327	108	11	0	1	0	0	0	0	0	0	0	0	698
08:00	147	63	7	1	0	0	0	0	0	0	0	0	0	0	218
08:15	77	42	17	2	0	0	0	0	0	0	0	0	0	0	138
08:30	22	25	27	4	2	0	0	0	0	0	0	0	0	0	80
08:45	17	46	21	3	0	0	0	0	0	0	0	0	0	0	87
	263	176	72	10	2	0	0	0	0	0	0	0	0	0	523
09:00	8	33	23	4	1	0	0	0	0	0	0	0	0	0	69
09:15	13	28	21	4	1	0	0	0	0	0	0	0	0	0	67
09:30	7	21	18	3	0	0	0	0	0	0	0	0	0	0	49
09:45	17	25	16	1	0	0	0	0	0	0	0	0	0	0	59
	45	107	78	12	2	0	0	0	0	0	0	0	0	0	244
10:00	10	34	19	4	0	0	0	0	0	0	0	0	0	0	67
10:15	5	15	20	3	2	0	0	0	0	0	0	0	0	0	45
10:30	10	26	18	8	1	0	0	0	0	0	0	0	0	0	63
10:45	6	16	15	2	0	0	0	0	0	0	0	0	0	0	39
	31	91	72	17	3	0	0	0	0	0	0	0	0	0	214
11:00	13	16	15	5	0	0	0	0	0	0	0	0	0	0	49
11:15	16	22	12	2	0	0	0	0	0	0	0	0	0	0	52
11:30	11	21	18	1	0	0	0	0	0	0	0	0	0	0	51
11:45	10	19	12	5	1	0	0	0	0	0	0	0	0	0	47
	50	78	57	13	1	0	0	0	0	0	0	0	0	0	199
Total	782	1176	600	110	17	7	0	0	0	0	0	0	0	0	2692

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
12 PM	24	19	16	2	1	0	0	0	0	0	0	0	0	0	62
12:15	20	14	9	5	0	0	0	0	0	0	0	0	0	0	48
12:30	12	30	6	1	1	0	0	0	0	0	0	0	0	0	50
12:45	12	15	8	4	0	0	0	0	0	0	0	0	0	0	39
	68	78	39	12	2	0	0	0	0	0	0	0	0	0	199
13:00	19	29	3	2	0	0	0	0	0	0	0	0	0	0	53
13:15	16	21	8	4	1	0	0	0	0	0	0	0	0	0	50
13:30	16	24	4	4	0	0	0	0	0	0	0	0	0	0	48
13:45	19	21	9	1	0	0	0	0	0	0	0	0	0	0	50
	70	95	24	11	1	0	0	0	0	0	0	0	0	0	201
14:00	17	27	16	3	0	0	0	0	0	0	0	0	0	0	63
14:15	11	29	15	6	2	0	0	0	0	0	0	0	0	0	63
14:30	20	29	22	3	1	0	0	0	0	0	0	0	0	0	75
14:45	26	29	16	2	0	0	0	0	0	0	0	0	0	0	73
	74	114	69	14	3	0	0	0	0	0	0	0	0	0	274
15:00	16	19	7	1	1	0	0	0	0	0	0	0	0	0	44
15:15	30	40	34	5	0	0	0	0	0	0	0	0	0	0	109
15:30	36	39	15	5	0	0	0	0	0	0	0	0	0	0	95
15:45	23	23	18	2	0	0	0	0	0	0	0	0	0	0	66
	105	121	74	13	1	0	0	0	0	0	0	0	0	0	314
16:00	25	21	17	3	0	0	0	0	0	0	0	0	0	0	66
16:15	14	16	16	4	0	0	0	0	0	0	0	0	0	0	50
16:30	21	35	11	2	0	0	0	0	0	0	0	0	0	0	69
16:45	36	22	12	0	0	0	0	0	0	0	0	0	0	0	70
	96	94	56	9	0	0	0	0	0	0	0	0	0	0	255
17:00	22	30	21	6	1	0	0	0	0	0	0	0	0	0	80
17:15	17	17	18	4	0	0	0	0	0	0	0	0	0	0	56
17:30	45	23	13	0	0	0	0	0	0	0	0	0	0	0	81
17:45	18	27	11	1	1	0	0	0	0	0	0	0	0	0	58
	102	97	63	11	2	0	0	0	0	0	0	0	0	0	275
18:00	22	25	5	2	0	0	0	0	0	0	0	0	0	0	54
18:15	23	28	12	4	0	0	0	0	0	0	0	0	0	0	67
18:30	10	17	5	2	0	0	0	0	0	0	0	0	0	0	34
18:45	13	17	6	2	2	0	0	0	0	0	0	0	0	0	40
	68	87	28	10	2	0	0	0	0	0	0	0	0	0	195
19:00	9	10	4	0	0	0	0	0	0	0	0	0	0	0	23
19:15	9	15	5	1	1	0	0	0	0	0	0	0	0	0	31
19:30	5	14	8	0	1	0	0	0	0	0	0	0	0	0	28
19:45	6	10	6	1	1	0	0	0	0	0	0	0	0	0	24
	29	49	23	2	3	0	0	0	0	0	0	0	0	0	106
20:00	16	16	7	0	0	0	0	0	0	0	0	0	0	0	39
20:15	7	7	3	1	2	0	0	0	0	0	0	0	0	0	20
20:30	16	3	1	0	0	0	0	0	0	0	0	0	0	0	20
20:45	10	6	3	0	0	0	0	0	0	0	0	0	0	0	19
	49	32	14	1	2	0	0	0	0	0	0	0	0	0	98
21:00	7	9	4	1	0	0	0	0	0	0	0	0	0	0	21
21:15	9	6	5	4	0	0	0	0	0	0	0	0	0	0	24
21:30	4	3	6	2	0	0	0	0	0	0	0	0	0	0	15
21:45	6	6	3	0	0	0	0	0	0	0	0	0	0	0	15
	26	24	18	7	0	0	0	0	0	0	0	0	0	0	75
22:00	5	8	4	0	0	0	0	0	0	0	0	0	0	0	17
22:15	5	9	2	1	0	0	0	0	0	0	0	0	0	0	17
22:30	6	6	3	3	1	0	0	0	0	0	0	0	0	0	19
22:45	1	5	0	0	0	0	0	0	0	0	0	0	0	0	6
	17	28	9	4	1	0	0	0	0	0	0	0	0	0	59
23:00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
23:15	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:45	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3
	3	4	3	1	1	0	0	0	0	0	0	0	0	0	12
Total	707	823	420	95	18	0	0	0	0	0	0	0	0	0	2063
Grand Total	2868	3985	2120	454	75	13	0	0	0	0	0	1	0	0	9516

	15th Percentile :	14 MPH
	50th Percentile :	27 MPH
	85th Percentile :	39 MPH
	95th Percentile :	43 MPH
Stats	Mean Speed(Average) :	28 MPH
	10 MPH Pace Speed :	30-39 MPH
	Number in Pace :	3031
	Percent in Pace :	31.9%
	Number of Vehicles > 35 MPH :	6648

Percent of Vehicles > 35 MPH : 69.9%

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
01/06/1															
5	1	5	3	2	0	0	0	0	0	0	0	0	0	0	11
00:15	2	8	5	1	0	0	0	0	0	0	0	0	0	0	16
00:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
00:45	0	3	1	2	1	1	0	0	0	0	0	0	0	0	8
	3	17	10	5	1	1	0	0	0	0	0	0	0	0	37
01:00	1	3	6	0	0	0	0	0	0	0	0	0	0	0	10
01:15	1	2	1	1	0	0	0	0	0	0	0	0	0	0	5
01:30	0	3	3	3	0	0	0	0	0	0	0	0	0	0	9
01:45	1	1	4	0	0	0	0	0	0	0	0	0	0	0	6
	3	9	14	4	0	0	0	0	0	0	0	0	0	0	30
02:00	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
02:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
02:30	3	0	2	0	1	0	0	0	0	0	0	0	0	0	6
02:45	0	2	2	0	1	0	0	0	0	0	0	0	0	0	5
	3	7	5	1	2	0	0	0	0	0	0	0	0	0	18
03:00	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
03:15	1	2	2	1	0	0	0	0	0	0	0	0	0	0	6
03:30	3	4	1	2	1	0	0	0	0	0	0	0	0	0	11
03:45	2	4	2	1	0	0	0	0	0	0	0	0	0	0	9
	6	15	6	4	1	0	0	0	0	0	0	0	0	0	32
04:00	1	2	3	2	0	0	0	0	0	0	0	0	0	0	8
04:15	6	6	7	3	0	0	0	0	0	0	0	0	0	0	22
04:30	5	7	5	1	2	0	0	0	0	0	0	0	0	0	20
04:45	5	7	5	6	1	0	0	0	0	0	0	0	0	0	24
	17	22	20	12	3	0	0	0	0	0	0	0	0	0	74
05:00	3	16	16	7	1	0	0	0	0	0	0	0	0	0	43
05:15	8	24	20	5	1	0	0	0	0	0	0	0	0	0	58
05:30	6	35	21	8	0	2	1	0	0	0	0	0	0	0	73
05:45	14	18	30	6	0	0	0	0	0	0	0	0	0	0	68
	31	93	87	26	2	2	1	0	0	0	0	0	0	0	242
06:00	18	41	35	9	1	0	0	0	0	0	0	0	0	0	104
06:15	17	68	51	9	1	0	0	0	0	0	0	0	0	0	146
06:30	33	77	51	7	2	0	0	0	0	0	0	0	0	0	170
06:45	48	95	25	2	2	0	0	0	0	0	0	0	0	0	172
	116	281	162	27	6	0	0	0	0	0	0	0	0	0	592
07:00	92	73	24	6	2	1	0	0	0	0	0	0	0	0	198
07:15	63	94	60	9	0	0	0	0	0	0	0	0	0	0	226
07:30	74	136	32	4	0	0	0	0	0	0	0	0	0	0	246
07:45	96	141	31	5	0	0	0	0	0	0	0	0	0	0	273
	325	444	147	24	2	1	0	0	0	0	0	0	0	0	943
08:00	143	72	44	3	0	0	0	0	0	0	0	0	0	0	262
08:15	87	83	46	6	2	0	0	0	0	0	0	0	0	0	224
08:30	32	50	42	13	1	0	0	0	0	0	0	0	0	0	138
08:45	17	51	27	13	1	0	0	0	0	0	0	0	0	0	109
	279	256	159	35	4	0	0	0	0	0	0	0	0	0	733
09:00	14	23	39	12	1	0	0	0	0	0	0	0	0	0	89
09:15	19	29	28	11	1	0	0	0	0	0	0	0	0	0	88
09:30	20	42	35	4	0	0	0	0	0	0	0	0	0	0	101
09:45	21	48	23	3	3	0	0	0	0	0	0	0	0	0	98
	74	142	125	30	5	0	0	0	0	0	0	0	0	0	376
10:00	21	23	25	9	3	1	0	0	0	0	0	0	0	0	82
10:15	16	23	39	12	1	0	0	0	0	0	0	0	0	0	91
10:30	18	33	36	8	5	0	0	0	0	0	0	0	0	0	100
10:45	26	31	32	11	0	0	0	0	0	0	0	0	0	0	100
	81	110	132	40	9	1	0	0	0	0	0	0	0	0	373
11:00	22	40	23	7	2	1	0	0	0	0	0	0	0	0	95
11:15	20	31	29	12	0	0	0	0	0	0	0	0	0	0	92
11:30	19	31	34	7	3	0	0	0	0	0	0	0	0	0	94
11:45	23	36	33	17	1	0	0	0	0	0	0	0	0	0	110
	84	138	119	43	6	1	0	0	0	0	0	0	0	0	391
Total	1022	1534	986	251	41	6	1	0	0	0	0	0	0	0	3841

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
12 PM	17	34	42	13	2	0	0	0	0	0	0	0	0	0	108
12:15	10	35	30	10	0	1	0	0	0	0	0	0	0	0	86
12:30	22	20	27	9	0	0	0	0	0	0	0	0	0	0	78
12:45	20	53	29	5	2	0	0	0	0	0	0	0	0	0	109
	69	142	128	37	4	1	0	0	0	0	0	0	0	0	381
13:00	29	43	36	2	1	0	0	0	0	0	0	0	0	0	111
13:15	19	36	33	16	1	0	0	0	0	0	0	0	0	0	105
13:30	23	47	37	6	0	0	0	0	0	0	0	0	0	0	113
13:45	37	52	35	13	0	0	0	0	0	0	0	0	0	0	137
	108	178	141	37	2	0	0	0	0	0	0	0	0	0	466
14:00	26	55	36	7	3	0	0	0	0	0	0	0	0	0	127
14:15	38	49	43	5	3	0	0	0	0	0	0	0	0	0	138
14:30	33	69	18	4	1	0	0	0	0	0	0	0	0	0	125
14:45	42	69	45	8	2	0	0	0	0	0	0	0	0	0	166
	139	242	142	24	9	0	0	0	0	0	0	0	0	0	556
15:00	24	52	36	7	2	0	0	0	0	0	0	0	0	0	121
15:15	47	68	45	10	0	1	0	0	0	0	0	0	0	0	171
15:30	65	98	46	7	0	0	0	0	0	0	0	0	0	0	216
15:45	45	70	50	6	2	0	0	0	0	0	0	0	0	0	173
	181	288	177	30	4	1	0	0	0	0	0	0	0	0	681
16:00	36	64	58	16	1	0	0	0	0	0	0	0	0	0	175
16:15	25	62	65	21	0	0	0	0	0	0	0	0	0	0	173
16:30	19	75	56	25	1	0	0	0	0	0	0	0	0	0	176
16:45	38	122	53	9	4	0	0	0	0	0	0	0	0	0	226
	118	323	232	71	6	0	0	0	0	0	0	0	0	0	750
17:00	58	104	65	8	0	0	0	0	0	0	0	0	0	0	235
17:15	43	98	71	19	3	0	1	0	0	0	0	0	0	0	235
17:30	53	128	47	6	2	0	0	0	0	0	0	0	0	0	236
17:45	50	89	48	5	0	0	0	0	0	0	0	0	0	0	192
	204	419	231	38	5	0	1	0	0	0	0	0	0	0	898
18:00	63	91	48	4	0	0	0	0	0	0	0	0	0	0	206
18:15	60	81	24	4	1	0	0	0	0	0	0	0	0	0	170
18:30	47	78	27	5	0	0	0	0	0	0	0	0	0	0	157
18:45	18	48	42	8	0	0	0	0	0	0	0	0	0	0	116
	188	298	141	21	1	0	0	0	0	0	0	0	0	0	649
19:00	28	29	22	6	1	0	0	0	0	0	0	1	0	0	87
19:15	20	42	29	4	1	0	0	0	0	0	0	0	0	0	96
19:30	14	45	22	4	0	0	0	0	0	0	0	0	0	0	85
19:45	22	33	22	3	0	0	0	0	0	0	0	0	0	0	80
	84	149	95	17	2	0	0	0	0	0	0	1	0	0	348
20:00	19	33	26	4	0	0	0	0	0	0	0	0	0	0	82
20:15	17	31	19	2	1	0	0	0	0	0	0	0	0	0	70
20:30	21	29	17	3	1	0	0	0	0	0	0	0	0	0	71
20:45	9	20	16	6	1	0	0	0	0	0	0	0	0	0	52
	66	113	78	15	3	0	0	0	0	0	0	0	0	0	275
21:00	11	32	18	3	0	0	0	0	0	0	0	0	0	0	64
21:15	6	16	14	5	0	0	0	0	0	0	0	0	0	0	41
21:30	8	28	20	8	0	2	0	0	0	0	0	0	0	0	66
21:45	9	10	10	2	1	0	0	0	0	0	0	0	0	0	32
	34	86	62	18	1	2	0	0	0	0	0	0	0	0	203
22:00	4	16	9	2	1	0	0	0	0	0	0	0	0	0	32
22:15	6	17	6	3	1	1	0	0	0	0	0	0	0	0	34
22:30	16	26	3	2	0	0	0	0	0	0	0	0	0	0	47
22:45	13	6	2	0	0	1	0	0	0	0	0	0	0	0	22
	39	65	20	7	2	2	0	0	0	0	0	0	0	0	135
23:00	8	14	3	2	0	0	0	0	0	0	0	0	0	0	27
23:15	17	3	4	1	0	0	0	0	0	0	0	0	0	0	25
23:30	4	10	10	1	0	0	0	0	0	0	0	0	0	0	25
23:45	3	6	3	3	1	0	0	0	0	0	0	0	0	0	16
	32	33	20	7	1	0	0	0	0	0	0	0	0	0	93
Total	1262	2336	1467	322	40	6	1	0	0	0	0	1	0	0	5435

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
01/07/1															
5	3	5	4	2	1	0	0	0	1	0	0	0	0	0	16
00:15	1	6	1	0	1	0	0	0	0	0	0	0	0	0	9
00:30	1	3	6	3	1	0	0	0	0	0	0	0	0	0	14
00:45	1	4	4	2	0	2	0	0	0	0	0	0	0	0	13
	6	18	15	7	3	2	0	0	1	0	0	0	0	0	52
01:00	0	0	1	1	1	0	0	0	1	0	0	0	0	0	4
01:15	2	2	1	0	0	0	0	0	0	0	0	0	0	0	5
01:30	2	1	1	2	0	0	0	0	0	0	0	0	0	0	6
01:45	0	2	4	2	0	0	0	0	0	0	0	0	0	0	8
	4	5	7	5	1	0	0	0	1	0	0	0	0	0	23
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:30	3	0	2	0	0	0	0	0	0	0	0	0	0	0	5
02:45	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	3	5	8	0	0	0	0	0	0	0	0	0	0	0	16
03:00	2	1	6	0	1	0	0	0	0	0	0	0	0	0	10
03:15	0	4	2	0	2	0	0	0	0	0	0	0	0	0	8
03:30	0	3	6	1	0	0	0	0	0	0	0	0	0	0	10
03:45	1	3	2	2	0	0	0	0	0	0	0	0	0	0	8
	3	11	16	3	3	0	0	0	0	0	0	0	0	0	36
04:00	0	2	4	1	0	0	0	0	0	0	0	0	0	0	7
04:15	1	6	1	1	0	1	0	0	0	0	0	0	0	0	10
04:30	2	15	3	3	0	2	0	0	0	0	0	0	0	0	25
04:45	2	9	8	1	0	0	0	0	0	0	0	0	0	0	20
	5	32	16	6	0	3	0	0	0	0	0	0	0	0	62
05:00	8	7	10	5	2	1	0	0	0	0	0	0	0	0	33
05:15	5	19	16	6	1	0	0	0	0	0	0	0	0	0	47
05:30	11	36	25	5	2	0	0	0	0	0	0	0	0	0	79
05:45	10	30	22	6	1	0	0	0	0	0	0	0	0	0	69
	34	92	73	22	6	1	0	0	0	0	0	0	0	0	228
06:00	18	54	37	8	0	0	0	0	0	0	0	0	0	0	117
06:15	21	62	49	12	3	0	0	0	0	0	0	0	0	0	147
06:30	32	73	34	6	1	0	1	0	0	0	0	0	0	0	147
06:45	45	110	38	5	0	0	0	0	0	0	0	0	0	0	198
	116	299	158	31	4	0	1	0	0	0	0	0	0	0	609
07:00	49	89	42	10	2	0	0	0	0	0	0	0	0	0	192
07:15	50	119	42	9	0	1	0	0	0	0	0	0	0	0	221
07:30	117	85	27	10	2	0	0	0	0	0	0	0	0	0	241
07:45	80	99	42	7	1	0	0	0	0	0	0	0	0	0	229
	296	392	153	36	5	1	0	0	0	0	0	0	0	0	883
08:00	155	82	22	7	0	0	0	0	0	0	0	0	0	0	266
08:15	90	69	40	5	1	0	0	0	0	0	0	0	0	0	205
08:30	31	44	35	12	2	1	0	0	0	0	0	0	0	0	125
08:45	22	52	31	9	0	0	0	0	0	0	0	0	0	0	114
	298	247	128	33	3	1	0	0	0	0	0	0	0	0	710
09:00	19	44	38	8	1	1	0	0	0	0	0	0	0	0	111
09:15	18	39	34	8	2	0	0	0	0	0	0	0	0	0	101
09:30	15	34	27	8	3	0	0	0	0	0	0	0	0	0	87
09:45	24	43	31	5	0	0	0	0	0	0	0	0	0	0	103
	76	160	130	29	6	1	0	0	0	0	0	0	0	0	402
10:00	12	44	28	9	0	2	0	0	0	0	0	0	0	0	95
10:15	12	28	26	7	3	0	0	0	0	0	0	0	0	0	76
10:30	15	41	30	12	2	1	0	0	0	0	0	0	0	0	101
10:45	14	37	28	5	1	0	0	0	0	0	0	0	0	0	85
	53	150	112	33	6	3	0	0	0	0	0	0	0	0	357
11:00	21	32	21	6	1	0	0	0	0	0	0	0	0	0	81
11:15	20	36	30	13	0	0	0	0	0	0	0	0	0	0	99
11:30	25	34	25	1	0	0	0	0	0	0	0	0	0	0	85
11:45	25	48	28	7	2	0	0	0	0	0	0	0	0	0	110
	91	150	104	27	3	0	0	0	0	0	0	0	0	0	375
Total	985	1561	920	232	40	12	1	0	2	0	0	0	0	0	3753

VHB Engineering NC, PC

4000 WestChase Boulevard, Suite 530
Raleigh, NC 27607
p: 919-829-0328 f: 919-829-0329

Site Code: 56
Station ID: 13
NC 56
East of Darden Drive
Date Start: 06-Jan-15

Eastbound, Westbound

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total
12 PM	31	35	31	2	2	0	0	0	0	0	0	0	0	0	101
12:15	30	25	26	10	0	0	0	0	0	0	0	0	0	0	91
12:30	24	57	21	4	1	0	0	0	0	0	0	0	0	0	107
12:45	18	48	18	8	1	0	0	0	0	0	0	0	0	0	93
	103	165	96	24	4	0	0	0	0	0	0	0	0	0	392
13:00	32	50	16	3	1	0	0	0	0	0	0	0	0	0	102
13:15	31	53	22	8	3	0	0	0	0	0	0	0	0	0	117
13:30	24	34	24	9	0	0	0	0	0	0	0	0	0	0	91
13:45	27	50	25	7	1	0	0	0	0	0	0	0	0	0	110
	114	187	87	27	5	0	0	0	0	0	0	0	0	0	420
14:00	37	70	38	8	0	0	0	0	0	0	0	0	0	0	153
14:15	33	48	40	10	4	0	0	0	0	0	0	0	0	0	135
14:30	33	52	39	12	3	0	0	0	0	0	0	0	0	0	139
14:45	43	63	39	6	2	0	0	0	0	0	0	0	0	0	153
	146	233	156	36	9	0	0	0	0	0	0	0	0	0	580
15:00	33	51	32	7	1	0	0	0	0	0	0	0	0	0	124
15:15	56	57	57	9	1	1	0	0	0	0	0	0	0	0	181
15:30	77	109	47	15	2	0	0	0	0	0	0	0	0	0	250
15:45	67	67	56	7	0	0	0	0	0	0	0	0	0	0	197
	233	284	192	38	4	1	0	0	0	0	0	0	0	0	752
16:00	60	72	47	5	1	0	1	0	0	0	0	0	0	0	186
16:15	35	57	60	20	2	0	0	0	0	0	0	0	0	0	174
16:30	47	82	45	9	2	0	0	0	0	0	0	0	0	0	185
16:45	65	76	52	11	0	0	0	0	0	0	0	0	0	0	204
	207	287	204	45	5	0	1	0	0	0	0	0	0	0	749
17:00	47	102	67	9	3	0	0	0	0	0	0	0	0	0	228
17:15	47	87	66	14	0	0	0	0	0	0	0	0	0	0	214
17:30	87	109	38	4	0	0	0	0	0	0	0	0	0	0	238
17:45	43	102	51	4	2	0	0	0	0	0	0	0	0	0	202
	224	400	222	31	5	0	0	0	0	0	0	0	0	0	882
18:00	45	98	37	5	0	0	0	0	0	0	0	0	0	0	185
18:15	48	74	41	9	0	0	0	0	0	0	0	0	0	0	172
18:30	36	73	33	7	0	1	0	0	0	0	0	0	0	0	150
18:45	29	54	31	6	3	1	0	0	0	0	0	0	0	0	124
	158	299	142	27	3	2	0	0	0	0	0	0	0	0	631
19:00	22	42	29	9	0	0	0	0	0	0	0	0	0	0	102
19:15	25	46	13	6	2	0	0	0	0	0	0	0	0	0	92
19:30	18	48	33	1	1	0	0	0	0	0	0	0	0	0	101
19:45	19	30	27	3	3	0	0	0	0	0	0	0	0	0	82
	84	166	102	19	6	0	0	0	0	0	0	0	0	0	377
20:00	28	48	19	1	0	1	0	0	0	0	0	0	0	0	97
20:15	20	29	14	2	2	0	0	0	0	0	0	0	0	0	67
20:30	23	22	5	0	0	0	0	0	0	0	0	0	0	0	50
20:45	26	27	8	0	0	0	0	0	0	0	0	0	0	0	61
	97	126	46	3	2	1	0	0	0	0	0	0	0	0	275
21:00	16	35	15	1	0	0	0	0	0	0	0	0	0	0	67
21:15	17	25	15	6	1	0	0	0	0	0	0	0	0	0	64
21:30	14	19	19	6	2	0	0	0	0	0	0	0	0	0	60
21:45	12	17	14	1	0	0	0	0	0	0	0	0	0	0	44
	59	96	63	14	3	0	0	0	0	0	0	0	0	0	235
22:00	9	19	12	5	0	0	0	0	0	0	0	0	0	0	45
22:15	5	21	7	4	1	0	0	0	0	0	0	0	0	0	38
22:30	10	16	11	4	1	0	0	0	0	0	0	0	0	0	42
22:45	1	10	6	1	0	0	0	0	0	0	0	0	0	0	18
	25	66	36	14	2	0	0	0	0	0	0	0	0	0	143
23:00	10	11	8	0	0	0	0	0	0	0	0	0	0	0	29
23:15	2	10	5	0	0	0	0	0	0	0	0	0	0	0	17
23:30	0	11	8	4	0	0	0	0	0	0	0	0	0	0	23
23:45	2	9	7	3	2	0	0	0	0	0	0	0	0	0	23
	14	41	28	7	2	0	0	0	0	0	0	0	0	0	92
Total	1464	2350	1374	285	50	4	1	0	0	0	0	0	0	0	5528
Grand Total	4733	7781	4747	1090	171	28	4	0	2	0	0	1	0	0	18557

15th Percentile :	15 MPH
50th Percentile :	29 MPH
85th Percentile :	39 MPH
95th Percentile :	44 MPH

Stats

Mean Speed(Average) :	29 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	6122
Percent in Pace :	33.0%
Number of Vehicles > 35 MPH :	13824

Percent of Vehicles > 35 MPH : 74.5%

NC56 CORRIDOR STUDY

Appendix II: Level-of-Service Analysis Reports

Existing (2014) AM

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Volume (vph)	3	185	343	210	129	20
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)		3%	-3%		-2%	
Storage Length (ft)	150			125	150	0
Storage Lanes	1			1	1	1
Taper Length (ft)	250			125	100	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt				0.850		0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1677	1766	1872	1591	1642	1470
Flt Permitted	0.530				0.950	
Satd. Flow (perm)	936	1766	1872	1591	1642	1470
Right Turn on Red				No		No
Satd. Flow (RTOR)						
Link Speed (mph)		35	35		25	
Link Distance (ft)		414	345		306	
Travel Time (s)		8.1	6.7		8.3	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	6%	6%	3%	3%	11%	11%
Adj. Flow (vph)	3	206	381	233	143	22
Shared Lane Traffic (%)						
Lane Group Flow (vph)	3	206	381	233	143	22
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		12	12		12	
Link Offset(ft)		8	-8		0	
Crosswalk Width(ft)		30	30		8	
Two way Left Turn Lane						
Headway Factor	1.02	1.02	0.98	0.98	0.99	0.99
Turning Speed (mph)	15			9	15	9
Number of Detectors	1	2	2	1	1	1
Detector Template	Left	Thru	Thru	Right	Left	Right
Leading Detector (ft)	20	100	100	20	20	20
Trailing Detector (ft)	0	0	0	0	0	0
Detector 1 Position(ft)	0	0	0	0	0	0
Detector 1 Size(ft)	20	6	6	20	20	20
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 2 Position(ft)		94	94			
Detector 2 Size(ft)		6	6			
Detector 2 Type		Cl+Ex	Cl+Ex			
Detector 2 Channel						
Detector 2 Extend (s)		0.0	0.0			
Turn Type	D.Pm			pm+ov		Perm
Protected Phases		2	6	4	4	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Permitted Phases	6			6		4
Detector Phase	6	2	6	4	4	4
Switch Phase						
Minimum Initial (s)	10.0	10.0	10.0	7.0	7.0	7.0
Minimum Split (s)	23.0	23.0	23.0	23.0	23.0	23.0
Total Split (s)	33.0	33.0	33.0	27.0	27.0	27.0
Total Split (%)	55.0%	55.0%	55.0%	45.0%	45.0%	45.0%
Maximum Green (s)	27.6	27.6	27.6	21.7	21.7	21.7
Yellow Time (s)	3.3	3.3	3.3	3.0	3.0	3.0
All-Red Time (s)	2.1	2.1	2.1	2.3	2.3	2.3
Lost Time Adjust (s)	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3
Total Lost Time (s)	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	Min	Min	Min	None	None	None
Act Effct Green (s)	14.4	14.4	14.4	33.8	9.2	9.2
Actuated g/C Ratio	0.43	0.43	0.43	1.00	0.27	0.27
v/c Ratio	0.01	0.27	0.48	0.15	0.32	0.06
Control Delay	6.3	7.9	9.8	0.2	12.0	9.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	6.3	7.9	9.8	0.2	12.0	9.8
LOS	A	A	A	A	B	A
Approach Delay		7.9	6.2		11.7	
Approach LOS		A	A		B	

Intersection Summary	
Area Type: Other	
Cycle Length: 60	
Actuated Cycle Length: 33.8	
Natural Cycle: 50	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.48	
Intersection Signal Delay: 7.5	Intersection LOS: A
Intersection Capacity Utilization 33.5%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1: NC 56 & S 33rd St

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Volume (vph)	40	243	451	138	331	97
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)		-1%	2%		2%	
Storage Length (ft)	300			0	150	0
Storage Lanes	1			1	1	1
Taper Length (ft)	100			100	50	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt				0.850		0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1711	1801	1826	1552	1718	1537
Flt Permitted	0.950				0.950	
Satd. Flow (perm)	1711	1801	1826	1552	1718	1537
Right Turn on Red				No		No
Satd. Flow (RTOR)						
Link Speed (mph)		35	35		45	
Link Distance (ft)		496	300		388	
Travel Time (s)		9.7	5.8		5.9	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	6%	6%	3%	3%	4%	4%
Adj. Flow (vph)	44	270	501	153	368	108
Shared Lane Traffic (%)						
Lane Group Flow (vph)	44	270	501	153	368	108
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		12	12		12	
Link Offset(ft)		8	-14		8	
Crosswalk Width(ft)		20	30		26	
Two way Left Turn Lane						
Headway Factor	0.99	0.99	1.01	1.01	1.01	1.01
Turning Speed (mph)	15			9	15	9
Number of Detectors	1	2	2	1	1	1
Detector Template	Left	Thru	Thru	Right	Left	Right
Leading Detector (ft)	20	100	100	20	20	20
Trailing Detector (ft)	0	0	0	0	0	0
Detector 1 Position(ft)	0	0	0	0	0	0
Detector 1 Size(ft)	20	6	6	20	20	20
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 2 Position(ft)		94	94			
Detector 2 Size(ft)		6	6			
Detector 2 Type		Cl+Ex	Cl+Ex			
Detector 2 Channel						
Detector 2 Extend (s)		0.0	0.0			
Turn Type	Prot			pm+ov		pm+ov
Protected Phases	5	2	6	4	4	5

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Permitted Phases				6		4
Detector Phase	5	2	6	4	4	5
Switch Phase						
Minimum Initial (s)	7.0	10.0	10.0	7.0	7.0	7.0
Minimum Split (s)	14.0	23.0	23.0	23.0	23.0	14.0
Total Split (s)	14.0	56.0	42.0	34.0	34.0	14.0
Total Split (%)	15.6%	62.2%	46.7%	37.8%	37.8%	15.6%
Maximum Green (s)	8.9	51.0	36.4	28.6	28.6	8.9
Yellow Time (s)	3.0	3.7	4.0	3.0	3.0	3.0
All-Red Time (s)	2.1	1.3	1.6	2.4	2.4	2.1
Lost Time Adjust (s)	-0.1	0.0	-0.6	-0.4	-0.4	-0.1
Total Lost Time (s)	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Min	C-Min	None	None	None
Act Effct Green (s)	8.0	56.0	45.4	75.4	24.0	37.0
Actuated g/C Ratio	0.09	0.62	0.50	0.84	0.27	0.41
v/c Ratio	0.29	0.24	0.54	0.12	0.80	0.17
Control Delay	43.2	9.1	12.3	2.4	44.1	16.1
Queue Delay	0.0	0.1	1.5	0.0	0.0	0.0
Total Delay	43.2	9.2	13.8	2.4	44.1	16.1
LOS	D	A	B	A	D	B
Approach Delay		14.0	11.1		37.7	
Approach LOS		B	B		D	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 74 (82%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.80	
Intersection Signal Delay: 20.5	Intersection LOS: C
Intersection Capacity Utilization 59.9%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 2: NC 56 & W Lyon Station Rd

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	0	379	195	145	432	0	0	0	0	113	0	157
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		2%			-1%			0%			4%	
Storage Length (ft)	0		0	200		0	0		0	0		150
Storage Lanes	0		1	1		0	0		0	0		1
Taper Length (ft)	25		25	200		25	25		25	25		100
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.954										0.850
Flt Protected				0.950							0.950	
Satd. Flow (prot)	0	1725	0	1761	1854	0	0	0	0	0	1685	1507
Flt Permitted				0.186							0.950	
Satd. Flow (perm)	0	1725	0	345	1854	0	0	0	0	0	1685	1507
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		300			693			369			674	
Travel Time (s)		5.8			13.5			7.2			13.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	4%	4%	4%	3%	3%	3%	2%	2%	2%	5%	5%	5%
Adj. Flow (vph)	0	421	217	161	480	0	0	0	0	126	0	174
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	638	0	161	480	0	0	0	0	0	126	174
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		6			6			-24			-14	
Crosswalk Width(ft)		16			30			16			16	
Two way Left Turn Lane												
Headway Factor	1.01	1.01	1.01	0.99	0.99	0.99	1.00	1.00	1.00	1.03	1.03	1.03
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors		2		1	2					1	2	1
Detector Template		Thru		Left	Thru					Left	Thru	Right
Leading Detector (ft)		100		20	100					20	100	20
Trailing Detector (ft)		0		0	0					0	0	0
Detector 1 Position(ft)		0		0	0					0	0	0
Detector 1 Size(ft)		6		20	6					20	6	20
Detector 1 Type		Cl+Ex		Cl+Ex	Cl+Ex					Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 1 Queue (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 1 Delay (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 2 Position(ft)		94			94						94	
Detector 2 Size(ft)		6			6						6	
Detector 2 Type		Cl+Ex			Cl+Ex						Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0						0.0	
Turn Type				D.P+P						Perm		Perm
Protected Phases		2		1	6						4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases				2						4		4
Detector Phase		2		1	6					4	4	4
Switch Phase												
Minimum Initial (s)		10.0		7.0	10.0					7.0	7.0	7.0
Minimum Split (s)		20.0		11.8	20.0					20.0	20.0	20.0
Total Split (s)	0.0	52.0	0.0	14.0	66.0	0.0	0.0	0.0	0.0	24.0	24.0	24.0
Total Split (%)	0.0%	57.8%	0.0%	15.6%	73.3%	0.0%	0.0%	0.0%	0.0%	26.7%	26.7%	26.7%
Maximum Green (s)		47.1		9.2	61.1					18.6	18.6	18.6
Yellow Time (s)		3.9		3.0	3.9					3.6	3.6	3.6
All-Red Time (s)		1.0		1.8	1.0					1.8	1.8	1.8
Lost Time Adjust (s)	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.4	-0.4
Total Lost Time (s)	4.0	5.0	4.0	5.0	5.0	4.0	4.0	4.0	4.0	5.4	5.0	5.0
Lead/Lag		Lag		Lead								
Lead-Lag Optimize?												
Vehicle Extension (s)		3.0		3.0	3.0					3.0	3.0	3.0
Recall Mode		C-Min		None	C-Min					Max	Max	Max
Act Effct Green (s)		40.2		48.5	53.5						26.5	26.5
Actuated g/C Ratio		0.45		0.54	0.59						0.29	0.29
v/c Ratio		0.83		0.51	0.44						0.25	0.39
Control Delay		24.2		15.5	12.8						28.8	31.3
Queue Delay		0.6		0.0	0.0						0.0	0.0
Total Delay		24.8		15.5	12.8						28.8	31.3
LOS		C		B	B						C	C
Approach Delay		24.8			13.5						30.2	
Approach LOS		C			B						C	

Intersection Summary	
Area Type:	Other
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 3 (3%), Referenced to phase 2:EBWB and 6:WBT, Start of Green	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.83	
Intersection Signal Delay: 21.2	Intersection LOS: C
Intersection Capacity Utilization 58.6%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 3: NC 56 & I-85 SB Ramp

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	60	432	0	0	498	70	79	1	122	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		-1%			1%			2%			0%	
Storage Length (ft)	175		0	0		125	0		125	0		0
Storage Lanes	1		0	0		0	1		1	0		0
Taper Length (ft)	175		25	25		100	100		100	25		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt					0.983				0.850			
Flt Protected	0.950							0.953				
Satd. Flow (prot)	1744	1836	0	0	1787	0	0	1660	1480	0	0	0
Flt Permitted	0.325							0.953				
Satd. Flow (perm)	597	1836	0	0	1787	0	0	1660	1480	0	0	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		693			299			551			453	
Travel Time (s)		13.5			5.8			10.7			8.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	8%	8%	8%	2%	2%	2%
Adj. Flow (vph)	67	480	0	0	553	78	88	1	136	0	0	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	67	480	0	0	631	0	0	89	136	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			16			0			0	
Link Offset(ft)		0			2			-6			-24	
Crosswalk Width(ft)		30			16			16			16	
Two way Left Turn Lane												
Headway Factor	0.99	0.99	0.99	1.01	1.01	1.01	1.01	1.01	1.01	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2			2		1	2	1			
Detector Template	Left	Thru			Thru		Left	Thru	Right			
Leading Detector (ft)	20	100			100		20	100	20			
Trailing Detector (ft)	0	0			0		0	0	0			
Detector 1 Position(ft)	0	0			0		0	0	0			
Detector 1 Size(ft)	20	6			6		20	6	20			
Detector 1 Type	Cl+Ex	Cl+Ex			Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex			
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 1 Queue (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 1 Delay (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 2 Position(ft)		94			94			94				
Detector 2 Size(ft)		6			6			6				
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0				
Turn Type	D.P+P						Perm		Perm			
Protected Phases	5	2			6			8				

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	6						8		8			
Detector Phase	5	2			6		8	8	8			
Switch Phase												
Minimum Initial (s)	7.0	10.0			10.0		7.0	7.0	7.0			
Minimum Split (s)	11.4	20.9			20.8		20.9	20.9	20.9			
Total Split (s)	12.0	68.0	0.0	0.0	56.0	0.0	22.0	22.0	22.0	0.0	0.0	0.0
Total Split (%)	13.3%	75.6%	0.0%	0.0%	62.2%	0.0%	24.4%	24.4%	24.4%	0.0%	0.0%	0.0%
Maximum Green (s)	7.6	63.1			51.1		17.1	17.1	17.1			
Yellow Time (s)	3.0	3.9			3.9		3.7	3.7	3.7			
All-Red Time (s)	1.4	1.0			1.0		1.2	1.2	1.2			
Lost Time Adjust (s)	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.0	4.0	5.0	4.0	4.9	5.0	5.0	4.0	4.0	4.0
Lead/Lag	Lead				Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0			3.0		3.0	3.0	3.0			
Recall Mode	None	C-Min			C-Min		None	None	None			
Act Effct Green (s)	62.6	66.6			57.3			13.4	13.4			
Actuated g/C Ratio	0.70	0.74			0.64			0.15	0.15			
v/c Ratio	0.13	0.35			0.55			0.36	0.62			
Control Delay	1.5	1.7			10.5			37.2	47.4			
Queue Delay	0.0	0.0			0.0			0.0	0.0			
Total Delay	1.5	1.7			10.5			37.2	47.4			
LOS	A	A			B			D	D			
Approach Delay		1.6			10.5			43.3				
Approach LOS		A			B			D				

Intersection Summary

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 90
Offset: 43 (48%), Referenced to phase 2:EBT and 6:EBWB, Start of Green
Natural Cycle: 65
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.62
Intersection Signal Delay: 12.3 Intersection LOS: B
Intersection Capacity Utilization 58.6% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 4: NC 56 & I-85 NB Ramp

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	317	143	99	415	99	53
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)	0%			-1%	-1%	
Storage Length (ft)		0	200		100	0
Storage Lanes		0	1		1	1
Taper Length (ft)		25	25		100	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.958					0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1767	0	1778	1872	1680	1503
Flt Permitted			0.456		0.950	
Satd. Flow (perm)	1767	0	854	1872	1680	1503
Right Turn on Red		No				No
Satd. Flow (RTOR)						
Link Speed (mph)	35			35	35	
Link Distance (ft)	309			378	270	
Travel Time (s)	6.0			7.4	5.3	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	3%	3%	2%	2%	8%	8%
Adj. Flow (vph)	352	159	110	461	110	59
Shared Lane Traffic (%)						
Lane Group Flow (vph)	511	0	110	461	110	59
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	-8	
Crosswalk Width(ft)	30			30	30	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	0.99	0.99	0.99	0.99
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	1
Detector Template	Thru		Left	Thru	Left	Right
Leading Detector (ft)	100		20	100	20	20
Trailing Detector (ft)	0		0	0	0	0
Detector 1 Position(ft)	0		0	0	0	0
Detector 1 Size(ft)	6		20	6	20	20
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	0.0
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type			Perm			Perm
Protected Phases	2			6	8	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Permitted Phases			6			8
Detector Phase	2		6	6	8	8
Switch Phase						
Minimum Initial (s)	10.0		10.0	10.0	7.0	7.0
Minimum Split (s)	20.0		20.0	20.0	20.0	20.0
Total Split (s)	64.0	0.0	64.0	64.0	26.0	26.0
Total Split (%)	71.1%	0.0%	71.1%	71.1%	28.9%	28.9%
Maximum Green (s)	59.0		59.1	59.1	21.1	21.1
Yellow Time (s)	3.8		3.9	3.9	3.0	3.0
All-Red Time (s)	1.2		1.0	1.0	1.9	1.9
Lost Time Adjust (s)	0.0	0.0	0.1	0.1	0.1	0.1
Total Lost Time (s)	5.0	4.0	5.0	5.0	5.0	5.0
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Min		C-Min	C-Min	None	None
Act Effct Green (s)	72.2		72.2	72.2	11.2	11.2
Actuated g/C Ratio	0.80		0.80	0.80	0.12	0.12
v/c Ratio	0.36		0.16	0.31	0.53	0.32
Control Delay	3.7		4.0	4.1	45.4	39.2
Queue Delay	0.0		0.0	0.0	0.0	0.0
Total Delay	3.7		4.0	4.1	45.4	39.2
LOS	A		A	A	D	D
Approach Delay	3.7			4.1	43.3	
Approach LOS	A			A	D	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 89 (99%), Referenced to phase 2:EBT and 6:WBTL, Start of Green	
Natural Cycle: 40	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.53	
Intersection Signal Delay: 9.2	Intersection LOS: A
Intersection Capacity Utilization 52.1%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 5: NC 56 & E Lyon Station Rd

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	132	105	41	62	246	13	16	167	7	7	269	179
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		3%			-4%			1%			-1%	
Storage Length (ft)	0		125	0		0	125		0	75		0
Storage Lanes	0		1	0		0	1		0	1		0
Taper Length (ft)	25		50	25		25	100		25	100		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.850		0.995			0.994			0.940	
Flt Protected		0.973			0.990		0.950			0.950		
Satd. Flow (prot)	0	1734	1515	0	1872	0	1678	1756	0	1728	1709	0
Flt Permitted		0.973			0.990		0.233			0.609		
Satd. Flow (perm)	0	1734	1515	0	1872	0	412	1756	0	1108	1709	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		345			428			266			209	
Travel Time (s)		6.7			8.3			5.2			4.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	5%	5%	5%	2%	2%	2%	7%	7%	7%	5%	5%	5%
Adj. Flow (vph)	147	117	46	69	273	14	18	186	8	8	299	199
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	264	46	0	356	0	18	194	0	8	498	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		6			0			10			-10	
Crosswalk Width(ft)		0			30			16			30	
Two way Left Turn Lane												
Headway Factor	1.02	1.02	1.02	0.97	0.97	0.97	1.01	1.01	1.01	0.99	0.99	0.99
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2	1	1	2		1	2		1	2	
Detector Template	Left	Thru	Right	Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100	20	20	100		20	100		20	100	
Trailing Detector (ft)	0	0	0	0	0		0	0		0	0	
Detector 1 Position(ft)	0	0	0	0	0		0	0		0	0	
Detector 1 Size(ft)	20	6	20	20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Split		Perm	Split			Perm			Perm		
Protected Phases	3	3		4	4			2			6	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases			3				2			6		
Detector Phase	3	3	3	4	4		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0	7.0	7.0		10.0	10.0		10.0	10.0	
Minimum Split (s)	20.0	20.0	20.0	20.0	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	23.0	23.0	23.0	27.0	27.0	0.0	40.0	40.0	0.0	40.0	40.0	0.0
Total Split (%)	25.6%	25.6%	25.6%	30.0%	30.0%	0.0%	44.4%	44.4%	0.0%	44.4%	44.4%	0.0%
Maximum Green (s)	16.9	16.9	16.9	20.7	20.7		34.9	34.9		34.2	34.2	
Yellow Time (s)	3.7	3.7	3.7	4.1	4.1		3.8	3.8		3.9	3.9	
All-Red Time (s)	2.4	2.4	2.4	2.2	2.2		1.3	1.3		1.9	1.9	
Lost Time Adjust (s)	0.0	-1.1	-1.1	0.0	-1.3	-1.3	-0.1	-0.1	0.0	-0.8	-0.8	0.0
Total Lost Time (s)	6.1	5.0	5.0	6.3	5.0	2.7	5.0	5.0	4.0	5.0	5.0	4.0
Lead/Lag	Lead	Lead	Lead	Lag	Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None	None	None	None		Min	Min		Min	Min	
Act Effct Green (s)		16.4	16.4		19.7		28.2	28.2		28.2	28.2	
Actuated g/C Ratio		0.21	0.21		0.25		0.35	0.35		0.35	0.35	
v/c Ratio		0.74	0.15		0.77		0.12	0.31		0.02	0.82	
Control Delay		45.9	30.3		42.2		20.4	20.7		17.4	36.6	
Queue Delay		0.0	0.0		0.0		0.0	0.0		0.0	0.0	
Total Delay		45.9	30.3		42.2		20.4	20.7		17.4	36.6	
LOS		D	C		D		C	C		B	D	
Approach Delay		43.6			42.2			20.7			36.3	
Approach LOS		D			D			C			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 79.8	
Natural Cycle: 65	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.82	
Intersection Signal Delay: 37.0	Intersection LOS: D
Intersection Capacity Utilization 64.0%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 6: NC 56 & US 15

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	343	24	58	258	28	114
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	100		0	0	
Storage Lanes	1	0		0	0	
Taper Length (ft)	25	100		25	25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.991		0.890			
Flt Protected	0.955					0.990
Satd. Flow (prot)	1665	0	1551	0	0	1775
Flt Permitted	0.955					0.990
Satd. Flow (perm)	1665	0	1551	0	0	1775
Link Speed (mph)	35		35			35
Link Distance (ft)	236		163			375
Travel Time (s)	4.6		3.2			7.3
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	8%	8%	9%	9%	6%	6%
Adj. Flow (vph)	381	27	64	287	31	127
Shared Lane Traffic (%)						
Lane Group Flow (vph)	408	0	351	0	0	158
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	40		0			0
Link Offset(ft)	30		-10			8
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Sign Control	Stop		Stop			Stop

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 57.0%		ICU Level of Service B	
Analysis Period (min) 15			

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Sign Control	Stop		Stop			Stop
Volume (vph)	343	24	58	258	28	114
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Hourly flow rate (vph)	381	27	64	287	31	127

Direction, Lane #	WB 1	NB 1	SB 1
Volume Total (vph)	408	351	158
Volume Left (vph)	381	0	31
Volume Right (vph)	27	287	0
Hadj (s)	0.28	-0.34	0.14
Departure Headway (s)	5.5	5.1	5.8
Degree Utilization, x	0.63	0.49	0.25
Capacity (veh/h)	625	668	570
Control Delay (s)	17.4	12.9	10.8
Approach Delay (s)	17.4	12.9	10.8
Approach LOS	C	B	B

Intersection Summary			
Delay	14.5		
HCM Level of Service	B		
Intersection Capacity Utilization	57.0%	ICU Level of Service	B
Analysis Period (min)	15		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	2	243	25	458	352	15	19	83	103	12	148	2
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		4%			-6%			-6%			-6%	
Storage Length (ft)	0		0	125		0	100		0	100		0
Storage Lanes	0		0	1		0	1		0	1		0
Taper Length (ft)	25		25	75		25	100		25	100		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.987			0.994			0.917			0.998	
Flt Protected				0.950			0.950			0.950		
Satd. Flow (prot)	0	1626	0	1788	1870	0	1738	1677	0	1823	1915	0
Flt Permitted		0.997		0.370			0.643			0.554		
Satd. Flow (perm)	0	1621	0	696	1870	0	1176	1677	0	1063	1915	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			20			35	
Link Distance (ft)		414			540			277			415	
Travel Time (s)		8.1			10.5			9.4			8.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	13%	13%	13%	4%	4%	4%	7%	7%	7%	2%	2%	2%
Adj. Flow (vph)	2	270	28	509	391	17	21	92	114	13	164	2
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	300	0	509	408	0	21	206	0	13	166	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			12			12			12	
Link Offset(ft)		0			4			18			-12	
Crosswalk Width(ft)		16			24			16			16	
Two way Left Turn Lane												
Headway Factor	1.03	1.03	1.03	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			8			4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	10.0	10.0		7.0	10.0		7.0	7.0		7.0	7.0	
Minimum Split (s)	22.1	22.1		12.9	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	36.0	36.0	0.0	29.0	65.0	0.0	25.0	25.0	0.0	25.0	25.0	0.0
Total Split (%)	40.0%	40.0%	0.0%	32.2%	72.2%	0.0%	27.8%	27.8%	0.0%	27.8%	27.8%	0.0%
Maximum Green (s)	29.9	29.9		23.1	59.1		20.0	20.0		19.6	19.6	
Yellow Time (s)	3.6	3.6		3.1	4.3		3.1	3.1		4.3	4.3	
All-Red Time (s)	2.5	2.5		2.8	1.6		1.9	1.9		1.1	1.1	
Lost Time Adjust (s)	0.0	-1.1	0.0	-0.9	-0.9	0.0	0.0	0.0	0.0	-0.4	-0.4	0.0
Total Lost Time (s)	6.1	5.0	4.0	5.0	5.0	4.0	5.0	5.0	4.0	5.0	5.0	4.0
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		None	Min		None	None		None	None	
Act Effct Green (s)		19.0		41.1	41.1		13.5	13.5		13.5	13.5	
Actuated g/C Ratio		0.29		0.63	0.63		0.21	0.21		0.21	0.21	
v/c Ratio		0.64		0.71	0.35		0.09	0.59		0.06	0.42	
Control Delay		28.2		12.3	6.8		25.7	33.6		25.5	28.6	
Queue Delay		0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay		28.2		12.3	6.8		25.7	33.6		25.5	28.6	
LOS		C		B	A		C	C		C	C	
Approach Delay		28.2			9.9			32.8			28.3	
Approach LOS		C			A			C			C	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 65.2	
Natural Cycle: 60	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.71	
Intersection Signal Delay: 18.5	Intersection LOS: B
Intersection Capacity Utilization 68.1%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 8: NC 56 & N Main St

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	52	187	8	155	597	155	12	115	39	50	49	110
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		2%			-2%			-1%			-3%	
Storage Length (ft)	175		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	150		25	25		25	25		25	25		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.994			0.969			0.968			0.929	
Flt Protected	0.950			0.950				0.996			0.988	
Satd. Flow (prot)	1639	1715	0	1787	1823	0	0	1770	0	0	1719	0
Flt Permitted	0.121			0.622				0.968			0.871	
Satd. Flow (perm)	209	1715	0	1170	1823	0	0	1720	0	0	1515	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			55			25	
Link Distance (ft)		416			678			366			302	
Travel Time (s)		8.1			13.2			4.5			8.2	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	9%	9%	9%	2%	2%	2%	4%	4%	4%	3%	3%	3%
Adj. Flow (vph)	58	208	9	172	663	172	13	128	43	56	54	122
Shared Lane Traffic (%)												
Lane Group Flow (vph)	58	217	0	172	835	0	0	184	0	0	232	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		-6			6			8			4	
Crosswalk Width(ft)		16			0			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.01	1.01	1.01	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.98
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	pm+pt			Perm			Perm			Perm		
Protected Phases	5	2			6			8			4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	2			6			8			4		
Detector Phase	5	2		6	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	7.0	12.0		12.0	12.0		7.0	7.0		7.0	7.0	
Minimum Split (s)	12.1	20.0		20.0	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	12.1	67.0	0.0	54.9	54.9	0.0	23.0	23.0	0.0	23.0	23.0	0.0
Total Split (%)	13.4%	74.4%	0.0%	61.0%	61.0%	0.0%	25.6%	25.6%	0.0%	25.6%	25.6%	0.0%
Maximum Green (s)	7.0	61.5		49.1	49.1		16.7	16.7		17.4	17.4	
Yellow Time (s)	3.0	4.5		4.7	4.7		5.3	5.3		4.1	4.1	
All-Red Time (s)	2.1	1.0		1.1	1.1		1.0	1.0		1.5	1.5	
Lost Time Adjust (s)	-0.1	-0.5	0.0	-0.8	-0.8	0.0	0.0	-1.3	0.0	0.0	-1.6	0.0
Total Lost Time (s)	5.0	5.0	4.0	5.0	5.0	4.0	6.3	5.0	4.0	5.6	4.0	4.0
Lead/Lag	Lead			Lag	Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	Min		Min	Min		None	None		None	None	
Act Effct Green (s)	47.8	47.8		41.6	41.6			16.5			17.6	
Actuated g/C Ratio	0.64	0.64		0.55	0.55			0.22			0.23	
v/c Ratio	0.21	0.20		0.27	0.83			0.49			0.65	
Control Delay	6.4	5.7		11.3	23.6			35.3			40.9	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	6.4	5.7		11.3	23.6			35.3			40.9	
LOS	A	A		B	C			D			D	
Approach Delay		5.9			21.5			35.3			40.9	
Approach LOS		A			C			D			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 75.2	
Natural Cycle: 75	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.83	
Intersection Signal Delay: 23.1	Intersection LOS: C
Intersection Capacity Utilization 83.7%	ICU Level of Service E
Analysis Period (min) 15	

Splits and Phases: 9: NC 56 & Crescent Dr

Existing (2014) Midday

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Volume (vph)	8	302	246	119	130	13
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)		3%	-3%		-2%	
Storage Length (ft)	150			125	150	0
Storage Lanes	1			1	1	1
Taper Length (ft)	250			125	100	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt				0.850		0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1726	1817	1819	1546	1787	1599
Flt Permitted	0.591				0.950	
Satd. Flow (perm)	1074	1817	1819	1546	1787	1599
Right Turn on Red				No		No
Satd. Flow (RTOR)						
Link Speed (mph)		25	25		25	
Link Distance (ft)		414	345		306	
Travel Time (s)		11.3	9.4		8.3	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	3%	3%	6%	6%	2%	2%
Adj. Flow (vph)	9	336	273	132	144	14
Shared Lane Traffic (%)						
Lane Group Flow (vph)	9	336	273	132	144	14
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		12	12		12	
Link Offset(ft)		8	-8		0	
Crosswalk Width(ft)		30	30		8	
Two way Left Turn Lane						
Headway Factor	1.02	1.02	0.98	0.98	0.99	0.99
Turning Speed (mph)	15			9	15	9
Number of Detectors	1	2	2	1	1	1
Detector Template	Left	Thru	Thru	Right	Left	Right
Leading Detector (ft)	20	100	100	20	20	20
Trailing Detector (ft)	0	0	0	0	0	0
Detector 1 Position(ft)	0	0	0	0	0	0
Detector 1 Size(ft)	20	6	6	20	20	20
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 2 Position(ft)		94	94			
Detector 2 Size(ft)		6	6			
Detector 2 Type		Cl+Ex	Cl+Ex			
Detector 2 Channel						
Detector 2 Extend (s)		0.0	0.0			
Turn Type	D.Pm			pm+ov		Perm
Protected Phases		2	6	4	4	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Permitted Phases	6			6		4
Detector Phase	6	2	6	4	4	4
Switch Phase						
Minimum Initial (s)	10.0	10.0	10.0	7.0	7.0	7.0
Minimum Split (s)	23.0	23.0	23.0	23.0	23.0	23.0
Total Split (s)	33.0	33.0	33.0	27.0	27.0	27.0
Total Split (%)	55.0%	55.0%	55.0%	45.0%	45.0%	45.0%
Maximum Green (s)	27.6	27.6	27.6	21.7	21.7	21.7
Yellow Time (s)	3.3	3.3	3.3	3.0	3.0	3.0
All-Red Time (s)	2.1	2.1	2.1	2.3	2.3	2.3
Lost Time Adjust (s)	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3
Total Lost Time (s)	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	Min	Min	Min	None	None	None
Act Effct Green (s)	16.3	16.3	16.3	31.5	8.6	8.6
Actuated g/C Ratio	0.52	0.52	0.52	1.00	0.27	0.27
v/c Ratio	0.02	0.36	0.29	0.09	0.29	0.03
Control Delay	6.1	8.1	7.6	0.1	11.2	9.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	6.1	8.1	7.6	0.1	11.2	9.2
LOS	A	A	A	A	B	A
Approach Delay		8.1	5.2		11.0	
Approach LOS		A	A		B	

Intersection Summary	
Area Type: Other	
Cycle Length: 60	
Actuated Cycle Length: 31.5	
Natural Cycle: 50	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.36	
Intersection Signal Delay: 7.3	Intersection LOS: A
Intersection Capacity Utilization 31.4%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1: NC 56 & S 33rd St

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Volume (vph)	57	443	392	191	142	72
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)		-1%	2%		2%	
Storage Length (ft)	300			0	150	0
Storage Lanes	1			1	1	1
Taper Length (ft)	100			100	50	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt				0.850		0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1744	1836	1775	1508	1670	1494
Flt Permitted	0.950				0.950	
Satd. Flow (perm)	1744	1836	1775	1508	1670	1494
Right Turn on Red				No		No
Satd. Flow (RTOR)						
Link Speed (mph)		35	35		45	
Link Distance (ft)		496	300		388	
Travel Time (s)		9.7	5.8		5.9	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	4%	4%	6%	6%	7%	7%
Adj. Flow (vph)	63	492	436	212	158	80
Shared Lane Traffic (%)						
Lane Group Flow (vph)	63	492	436	212	158	80
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		12	12		12	
Link Offset(ft)		8	-14		8	
Crosswalk Width(ft)		20	30		26	
Two way Left Turn Lane						
Headway Factor	0.99	0.99	1.01	1.01	1.01	1.01
Turning Speed (mph)	15			9	15	9
Number of Detectors	1	2	2	1	1	1
Detector Template	Left	Thru	Thru	Right	Left	Right
Leading Detector (ft)	20	100	100	20	20	20
Trailing Detector (ft)	0	0	0	0	0	0
Detector 1 Position(ft)	0	0	0	0	0	0
Detector 1 Size(ft)	20	6	6	20	20	20
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 2 Position(ft)		94	94			
Detector 2 Size(ft)		6	6			
Detector 2 Type		Cl+Ex	Cl+Ex			
Detector 2 Channel						
Detector 2 Extend (s)		0.0	0.0			
Turn Type	Prot			pm+ov		pm+ov
Protected Phases	5	2	6	4	4	5

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Permitted Phases				6		4
Detector Phase	5	2	6	4	4	5
Switch Phase						
Minimum Initial (s)	7.0	10.0	10.0	7.0	7.0	7.0
Minimum Split (s)	14.0	23.0	23.0	23.0	23.0	14.0
Total Split (s)	16.0	68.0	52.0	27.0	27.0	16.0
Total Split (%)	16.8%	71.6%	54.7%	28.4%	28.4%	16.8%
Maximum Green (s)	10.9	63.0	46.4	21.6	21.6	10.9
Yellow Time (s)	3.0	3.7	4.0	3.0	3.0	3.0
All-Red Time (s)	2.1	1.3	1.6	2.4	2.4	2.1
Lost Time Adjust (s)	-0.1	0.0	-0.6	-0.4	-0.4	-0.1
Total Lost Time (s)	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Min	C-Min	None	None	None
Act Effct Green (s)	9.2	70.4	58.6	79.2	14.6	28.8
Actuated g/C Ratio	0.10	0.74	0.62	0.83	0.15	0.30
v/c Ratio	0.38	0.36	0.40	0.17	0.61	0.18
Control Delay	46.0	5.8	7.5	2.4	47.3	23.3
Queue Delay	0.0	0.2	0.5	0.3	0.5	0.0
Total Delay	46.0	6.0	8.0	2.7	47.8	23.3
LOS	D	A	A	A	D	C
Approach Delay		10.5	6.2		39.6	
Approach LOS		B	A		D	

Intersection Summary	
Area Type: Other	
Cycle Length: 95	
Actuated Cycle Length: 95	
Offset: 25 (26%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.61	
Intersection Signal Delay: 13.4	Intersection LOS: B
Intersection Capacity Utilization 46.8%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 2: NC 56 & W Lyon Station Rd

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	0	530	55	127	532	0	0	0	0	84	0	51
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		2%			-1%			0%			4%	
Storage Length (ft)	0		0	200		0	0		0	0		150
Storage Lanes	0		1	1		0	0		0	0		1
Taper Length (ft)	25		25	200		25	25		25	25		100
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.987										0.850
Flt Protected				0.950							0.950	
Satd. Flow (prot)	0	1768	0	1744	1836	0	0	0	0	0	1552	1388
Flt Permitted				0.205							0.950	
Satd. Flow (perm)	0	1768	0	376	1836	0	0	0	0	0	1552	1388
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		300			693			369			674	
Travel Time (s)		5.8			13.5			7.2			13.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	5%	5%	5%	4%	4%	4%	2%	2%	2%	14%	14%	14%
Adj. Flow (vph)	0	589	61	141	591	0	0	0	0	93	0	57
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	650	0	141	591	0	0	0	0	0	93	57
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		6			6			-24			-14	
Crosswalk Width(ft)		16			30			16			16	
Two way Left Turn Lane												
Headway Factor	1.01	1.01	1.01	0.99	0.99	0.99	1.00	1.00	1.00	1.03	1.03	1.03
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors		2		1	2					1	2	1
Detector Template		Thru		Left	Thru					Left	Thru	Right
Leading Detector (ft)		100		20	100					20	100	20
Trailing Detector (ft)		0		0	0					0	0	0
Detector 1 Position(ft)		0		0	0					0	0	0
Detector 1 Size(ft)		6		20	6					20	6	20
Detector 1 Type		Cl+Ex		Cl+Ex	Cl+Ex					Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 1 Queue (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 1 Delay (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 2 Position(ft)		94			94						94	
Detector 2 Size(ft)		6			6						6	
Detector 2 Type		Cl+Ex			Cl+Ex						Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0						0.0	
Turn Type				D.P+P						Perm		Perm
Protected Phases		2		1	6						4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases				2						4		4
Detector Phase		2		1	6					4	4	4
Switch Phase												
Minimum Initial (s)		10.0		7.0	10.0					7.0	7.0	7.0
Minimum Split (s)		20.0		11.8	20.0					20.0	20.0	20.0
Total Split (s)	0.0	62.9	0.0	12.1	75.0	0.0	0.0	0.0	0.0	20.0	20.0	20.0
Total Split (%)	0.0%	66.2%	0.0%	12.7%	78.9%	0.0%	0.0%	0.0%	0.0%	21.1%	21.1%	21.1%
Maximum Green (s)		58.0		7.3	70.1					14.6	14.6	14.6
Yellow Time (s)		3.9		3.0	3.9					3.6	3.6	3.6
All-Red Time (s)		1.0		1.8	1.0					1.8	1.8	1.8
Lost Time Adjust (s)	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.4	-0.4
Total Lost Time (s)	4.0	5.0	4.0	5.0	5.0	4.0	4.0	4.0	4.0	5.4	5.0	5.0
Lead/Lag		Lag		Lead								
Lead-Lag Optimize?												
Vehicle Extension (s)		3.0		3.0	3.0					3.0	3.0	3.0
Recall Mode		C-Min		None	C-Min					Max	Max	Max
Act Effct Green (s)		45.4		52.4	57.4						27.6	27.6
Actuated g/C Ratio		0.48		0.55	0.60						0.29	0.29
v/c Ratio		0.77		0.46	0.53						0.21	0.14
Control Delay		26.3		9.9	9.1						31.2	31.2
Queue Delay		0.6		0.0	0.0						0.0	0.0
Total Delay		26.9		9.9	9.2						31.2	31.2
LOS		C		A	A						C	C
Approach Delay		26.9			9.3						31.2	
Approach LOS		C			A						C	

Intersection Summary	
Area Type:	Other
Cycle Length: 95	
Actuated Cycle Length: 95	
Offset: 82 (86%), Referenced to phase 2:EBWB and 6:WBT, Start of Green	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.77	
Intersection Signal Delay: 18.9	Intersection LOS: B
Intersection Capacity Utilization 62.4%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 3: NC 56 & I-85 SB Ramp

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	41	573	0	0	612	100	47	0	146	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		-1%			1%			2%			0%	
Storage Length (ft)	175		0	0		125	0		125	0		0
Storage Lanes	1		0	0		0	1		1	0		0
Taper Length (ft)	175		25	25		100	100		100	25		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt					0.981				0.850			
Flt Protected	0.950							0.950				
Satd. Flow (prot)	1728	1819	0	0	1766	0	0	1624	1454	0	0	0
Flt Permitted	0.239							0.950				
Satd. Flow (perm)	435	1819	0	0	1766	0	0	1624	1454	0	0	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		693			299			551			453	
Travel Time (s)		13.5			5.8			10.7			8.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	10%	10%	10%	2%	2%	2%
Adj. Flow (vph)	46	637	0	0	680	111	52	0	162	0	0	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	46	637	0	0	791	0	0	52	162	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			16			0			0	
Link Offset(ft)		0			2			-6			-24	
Crosswalk Width(ft)		30			16			16			16	
Two way Left Turn Lane												
Headway Factor	0.99	0.99	0.99	1.01	1.01	1.01	1.01	1.01	1.01	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2			2		1	2	1			
Detector Template	Left	Thru			Thru		Left	Thru	Right			
Leading Detector (ft)	20	100			100		20	100	20			
Trailing Detector (ft)	0	0			0		0	0	0			
Detector 1 Position(ft)	0	0			0		0	0	0			
Detector 1 Size(ft)	20	6			6		20	6	20			
Detector 1 Type	Cl+Ex	Cl+Ex			Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex			
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 1 Queue (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 1 Delay (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 2 Position(ft)		94			94			94				
Detector 2 Size(ft)		6			6			6				
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0				
Turn Type	D.P+P						Perm		Perm			
Protected Phases	5	2			6			8				

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	6						8		8			
Detector Phase	5	2			6		8	8	8			
Switch Phase												
Minimum Initial (s)	7.0	10.0			10.0		7.0	7.0	7.0			
Minimum Split (s)	11.4	20.9			20.8		20.9	20.9	20.9			
Total Split (s)	11.4	72.0	0.0	0.0	60.6	0.0	23.0	23.0	23.0	0.0	0.0	0.0
Total Split (%)	12.0%	75.8%	0.0%	0.0%	63.8%	0.0%	24.2%	24.2%	24.2%	0.0%	0.0%	0.0%
Maximum Green (s)	7.0	67.1			55.7		18.1	18.1	18.1			
Yellow Time (s)	3.0	3.9			3.9		3.7	3.7	3.7			
All-Red Time (s)	1.4	1.0			1.0		1.2	1.2	1.2			
Lost Time Adjust (s)	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.0	4.0	5.0	4.0	4.9	5.0	5.0	4.0	4.0	4.0
Lead/Lag	Lead				Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0			3.0		3.0	3.0	3.0			
Recall Mode	None	C-Min			C-Min		None	None	None			
Act Effct Green (s)	67.2	70.2			63.3			14.8	14.8			
Actuated g/C Ratio	0.71	0.74			0.67			0.16	0.16			
v/c Ratio	0.12	0.47			0.67			0.21	0.71			
Control Delay	3.5	6.2			11.4			35.4	55.1			
Queue Delay	0.0	0.0			0.0			0.0	0.0			
Total Delay	3.5	6.2			11.4			35.4	55.1			
LOS	A	A			B			D	E			
Approach Delay		6.0			11.4			50.3				
Approach LOS		A			B			D				

Intersection Summary	
Area Type:	Other
Cycle Length: 95	
Actuated Cycle Length: 95	
Offset: 88 (93%), Referenced to phase 2:EBT and 6:EBWB, Start of Green	
Natural Cycle: 75	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.71	
Intersection Signal Delay: 14.2	Intersection LOS: B
Intersection Capacity Utilization 62.4%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 4: NC 56 & I-85 NB Ramp

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	386	106	99	382	172	122
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)	0%			-1%	-1%	
Storage Length (ft)		0	200		100	0
Storage Lanes		0	1		1	1
Taper Length (ft)		25	25		100	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.971					0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1740	0	1728	1819	1711	1531
Flt Permitted			0.418		0.950	
Satd. Flow (perm)	1740	0	760	1819	1711	1531
Right Turn on Red		No				No
Satd. Flow (RTOR)						
Link Speed (mph)	35			35	35	
Link Distance (ft)	309			378	270	
Travel Time (s)	6.0			7.4	5.3	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	6%	6%	5%	5%	6%	6%
Adj. Flow (vph)	429	118	110	424	191	136
Shared Lane Traffic (%)						
Lane Group Flow (vph)	547	0	110	424	191	136
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	-8	
Crosswalk Width(ft)	30			30	30	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	0.99	0.99	0.99	0.99
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	1
Detector Template	Thru		Left	Thru	Left	Right
Leading Detector (ft)	100		20	100	20	20
Trailing Detector (ft)	0		0	0	0	0
Detector 1 Position(ft)	0		0	0	0	0
Detector 1 Size(ft)	6		20	6	20	20
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	0.0
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type			Perm			Perm
Protected Phases	2			6	8	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Permitted Phases			6			8
Detector Phase	2		6	6	8	8
Switch Phase						
Minimum Initial (s)	10.0		10.0	10.0	7.0	7.0
Minimum Split (s)	20.0		20.0	20.0	20.0	20.0
Total Split (s)	64.0	0.0	64.0	64.0	31.0	31.0
Total Split (%)	67.4%	0.0%	67.4%	67.4%	32.6%	32.6%
Maximum Green (s)	59.0		59.1	59.1	26.1	26.1
Yellow Time (s)	3.8		3.9	3.9	3.0	3.0
All-Red Time (s)	1.2		1.0	1.0	1.9	1.9
Lost Time Adjust (s)	0.0	0.0	0.1	0.1	0.1	0.1
Total Lost Time (s)	5.0	4.0	5.0	5.0	5.0	5.0
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Min		C-Min	C-Min	None	None
Act Effct Green (s)	69.2		69.2	69.2	15.8	15.8
Actuated g/C Ratio	0.73		0.73	0.73	0.17	0.17
v/c Ratio	0.43		0.20	0.32	0.67	0.54
Control Delay	6.1		6.0	5.9	48.4	43.2
Queue Delay	0.0		0.0	0.0	0.0	0.0
Total Delay	6.1		6.0	5.9	48.4	43.2
LOS	A		A	A	D	D
Approach Delay	6.1			5.9	46.2	
Approach LOS	A			A	D	

Intersection Summary	
Area Type: Other	
Cycle Length: 95	
Actuated Cycle Length: 95	
Offset: 38 (40%), Referenced to phase 2:EBT and 6:WBTL, Start of Green	
Natural Cycle: 45	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.67	
Intersection Signal Delay: 15.4	Intersection LOS: B
Intersection Capacity Utilization 57.1%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 5: NC 56 & E Lyon Station Rd

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	111	125	38	14	118	12	39	80	16	10	93	131
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		3%			-4%			1%			-1%	
Storage Length (ft)	0		125	0		0	125		0	75		0
Storage Lanes	0		1	0		0	1		0	1		0
Taper Length (ft)	25		50	25		25	100		25	100		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.850		0.989			0.975			0.912	
Flt Protected		0.977			0.995		0.950			0.950		
Satd. Flow (prot)	0	1775	1544	0	1870	0	1710	1755	0	1695	1628	0
Flt Permitted		0.977			0.995		0.547			0.688		
Satd. Flow (perm)	0	1775	1544	0	1870	0	985	1755	0	1228	1628	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		345			428			266			209	
Travel Time (s)		6.7			8.3			5.2			4.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	3%	3%	3%	2%	2%	2%	5%	5%	5%	7%	7%	7%
Adj. Flow (vph)	123	139	42	16	131	13	43	89	18	11	103	146
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	262	42	0	160	0	43	107	0	11	249	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		6			0			10			-10	
Crosswalk Width(ft)		0			30			16			30	
Two way Left Turn Lane												
Headway Factor	1.02	1.02	1.02	0.97	0.97	0.97	1.01	1.01	1.01	0.99	0.99	0.99
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2	1	1	2		1	2		1	2	
Detector Template	Left	Thru	Right	Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100	20	20	100		20	100		20	100	
Trailing Detector (ft)	0	0	0	0	0		0	0		0	0	
Detector 1 Position(ft)	0	0	0	0	0		0	0		0	0	
Detector 1 Size(ft)	20	6	20	20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Split		Perm	Split			Perm			Perm		
Protected Phases	3	3		4	4			2			6	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases			3				2			6		
Detector Phase	3	3	3	4	4		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0	7.0	7.0		10.0	10.0		10.0	10.0	
Minimum Split (s)	20.0	20.0	20.0	20.0	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	32.0	32.0	32.0	23.0	23.0	0.0	35.0	35.0	0.0	35.0	35.0	0.0
Total Split (%)	35.6%	35.6%	35.6%	25.6%	25.6%	0.0%	38.9%	38.9%	0.0%	38.9%	38.9%	0.0%
Maximum Green (s)	25.9	25.9	25.9	16.7	16.7		29.9	29.9		29.2	29.2	
Yellow Time (s)	3.7	3.7	3.7	4.1	4.1		3.8	3.8		3.9	3.9	
All-Red Time (s)	2.4	2.4	2.4	2.2	2.2		1.3	1.3		1.9	1.9	
Lost Time Adjust (s)	0.0	-1.1	-1.1	0.0	-1.3	-1.3	-0.1	-0.1	0.0	-0.8	-0.8	0.0
Total Lost Time (s)	6.1	5.0	5.0	6.3	5.0	2.7	5.0	5.0	4.0	5.0	5.0	4.0
Lead/Lag	Lead	Lead	Lead	Lag	Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None	None	None	None		Min	Min		Min	Min	
Act Effct Green (s)		16.1	16.1		12.7		16.7	16.7		16.7	16.7	
Actuated g/C Ratio		0.28	0.28		0.22		0.29	0.29		0.29	0.29	
v/c Ratio		0.52	0.10		0.38		0.15	0.21		0.03	0.53	
Control Delay		24.5	19.5		26.3		20.4	20.1		18.9	24.7	
Queue Delay		0.0	0.0		0.0		0.0	0.0		0.0	0.0	
Total Delay		24.5	19.5		26.3		20.4	20.1		18.9	24.7	
LOS		C	B		C		C	C		B	C	
Approach Delay		23.8			26.3			20.2			24.5	
Approach LOS		C			C			C			C	

Intersection Summary

Area Type: Other
Cycle Length: 90
Actuated Cycle Length: 57.3
Natural Cycle: 60
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.53
Intersection Signal Delay: 23.8 Intersection LOS: C
Intersection Capacity Utilization 58.4% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 6: NC 56 & US 15

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	173	31	45	156	19	57
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	100		0	0	
Storage Lanes	1	0		0	0	
Taper Length (ft)	25	100		25	25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.980		0.895			
Flt Protected	0.959					0.988
Satd. Flow (prot)	1594	0	1546	0	0	1661
Flt Permitted	0.959					0.988
Satd. Flow (perm)	1594	0	1546	0	0	1661
Link Speed (mph)	35		35			35
Link Distance (ft)	236		163			375
Travel Time (s)	4.6		3.2			7.3
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	12%	12%	10%	10%	13%	13%
Adj. Flow (vph)	192	34	50	173	21	63
Shared Lane Traffic (%)						
Lane Group Flow (vph)	226	0	223	0	0	84
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	40		0			0
Link Offset(ft)	30		-10			8
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Sign Control	Stop		Stop			Stop

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 37.5%		ICU Level of Service A	
Analysis Period (min) 15			

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Sign Control	Stop		Stop			Stop
Volume (vph)	173	31	45	156	19	57
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Hourly flow rate (vph)	192	34	50	173	21	63

Direction, Lane #	WB 1	NB 1	SB 1
Volume Total (vph)	227	223	84
Volume Left (vph)	192	0	21
Volume Right (vph)	34	173	0
Hadj (s)	0.28	-0.30	0.27
Departure Headway (s)	4.9	4.3	5.0
Degree Utilization, x	0.31	0.27	0.12
Capacity (veh/h)	694	793	670
Control Delay (s)	10.1	8.9	8.7
Approach Delay (s)	10.1	8.9	8.7
Approach LOS	B	A	A

Intersection Summary			
Delay	9.4		
HCM Level of Service	A		
Intersection Capacity Utilization	37.5%	ICU Level of Service	A
Analysis Period (min)	15		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	3	155	13	77	163	2	32	65	108	16	35	2
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		4%			-6%			-6%			-6%	
Storage Length (ft)	0		0	125		0	100		0	100		0
Storage Lanes	0		0	1		0	1		0	1		0
Taper Length (ft)	25		25	75		25	100		25	100		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.990			0.998			0.906			0.993	
Flt Protected		0.999		0.950			0.950			0.950		
Satd. Flow (prot)	0	1601	0	1721	1808	0	1754	1673	0	1754	1833	0
Flt Permitted		0.995		0.540			0.730			0.637		
Satd. Flow (perm)	0	1595	0	979	1808	0	1348	1673	0	1176	1833	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			20			35	
Link Distance (ft)		414			540			277			415	
Travel Time (s)		8.1			10.5			9.4			8.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	15%	15%	15%	8%	8%	8%	6%	6%	6%	6%	6%	6%
Adj. Flow (vph)	3	172	14	86	181	2	36	72	120	18	39	2
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	189	0	86	183	0	36	192	0	18	41	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			12			12			12	
Link Offset(ft)		0			4			18			-12	
Crosswalk Width(ft)		16			24			16			16	
Two way Left Turn Lane												
Headway Factor	1.03	1.03	1.03	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			8			4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	10.0	10.0		7.0	10.0		7.0	7.0		7.0	7.0	
Minimum Split (s)	22.1	22.1		12.9	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	40.0	40.0	0.0	16.0	56.0	0.0	34.0	34.0	0.0	34.0	34.0	0.0
Total Split (%)	44.4%	44.4%	0.0%	17.8%	62.2%	0.0%	37.8%	37.8%	0.0%	37.8%	37.8%	0.0%
Maximum Green (s)	33.9	33.9		10.1	50.1		29.0	29.0		28.6	28.6	
Yellow Time (s)	3.6	3.6		3.1	4.3		3.1	3.1		4.3	4.3	
All-Red Time (s)	2.5	2.5		2.8	1.6		1.9	1.9		1.1	1.1	
Lost Time Adjust (s)	0.0	-1.1	0.0	-0.9	-0.9	0.0	0.0	0.0	0.0	-0.4	-0.4	0.0
Total Lost Time (s)	6.1	5.0	4.0	5.0	5.0	4.0	5.0	5.0	4.0	5.0	5.0	4.0
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		None	Min		None	None		None	None	
Act Effct Green (s)		15.7		22.8	22.8		11.3	11.3		11.3	11.3	
Actuated g/C Ratio		0.35		0.51	0.51		0.25	0.25		0.25	0.25	
v/c Ratio		0.34		0.13	0.20		0.11	0.45		0.06	0.09	
Control Delay		16.2		6.5	6.8		15.7	19.2		15.4	15.1	
Queue Delay		0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay		16.2		6.5	6.8		15.7	19.2		15.4	15.1	
LOS		B		A	A		B	B		B	B	
Approach Delay		16.2			6.7			18.7			15.2	
Approach LOS		B			A			B			B	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 44.7	
Natural Cycle: 55	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.45	
Intersection Signal Delay: 13.5	Intersection LOS: B
Intersection Capacity Utilization 43.6%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 8: NC 56 & N Main St

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	20	227	3	8	199	16	3	6	10	12	9	34
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		2%			-2%			-1%			-3%	
Storage Length (ft)	175		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	150		25	25		25	25		25	25		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.998			0.989			0.929			0.916	
Flt Protected	0.950			0.950				0.993			0.989	
Satd. Flow (prot)	1655	1738	0	1704	1774	0	0	1601	0	0	1713	0
Flt Permitted	0.498			0.601				0.937			0.920	
Satd. Flow (perm)	867	1738	0	1078	1774	0	0	1511	0	0	1593	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			55			35	
Link Distance (ft)		416			678			366			302	
Travel Time (s)		8.1			13.2			4.5			5.9	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	8%	8%	8%	7%	7%	7%	10%	10%	10%	2%	2%	2%
Adj. Flow (vph)	22	252	3	9	221	18	3	7	11	13	10	38
Shared Lane Traffic (%)												
Lane Group Flow (vph)	22	255	0	9	239	0	0	21	0	0	61	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		-6			6			8			4	
Crosswalk Width(ft)		16			0			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.01	1.01	1.01	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.98
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	pm+pt			Perm			Perm			Perm		
Protected Phases	5	2			6			8			4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	2			6			8			4		
Detector Phase	5	2		6	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	7.0	12.0		12.0	12.0		7.0	7.0		7.0	7.0	
Minimum Split (s)	12.1	20.0		20.0	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	17.0	62.0	0.0	45.0	45.0	0.0	28.0	28.0	0.0	28.0	28.0	0.0
Total Split (%)	18.9%	68.9%	0.0%	50.0%	50.0%	0.0%	31.1%	31.1%	0.0%	31.1%	31.1%	0.0%
Maximum Green (s)	11.9	56.5		39.2	39.2		21.7	21.7		22.4	22.4	
Yellow Time (s)	3.0	4.5		4.7	4.7		5.3	5.3		4.1	4.1	
All-Red Time (s)	2.1	1.0		1.1	1.1		1.0	1.0		1.5	1.5	
Lost Time Adjust (s)	-0.1	-0.5	0.0	-0.8	-0.8	0.0	0.0	-1.3	0.0	0.0	-1.6	0.0
Total Lost Time (s)	5.0	5.0	4.0	5.0	5.0	4.0	6.3	5.0	4.0	5.6	4.0	4.0
Lead/Lag	Lead			Lag	Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	Min		Min	Min		None	None		None	None	
Act Effct Green (s)	24.4	27.7		25.9	25.9			8.8			9.4	
Actuated g/C Ratio	0.71	0.80		0.75	0.75			0.25			0.27	
v/c Ratio	0.03	0.18		0.01	0.18			0.05			0.14	
Control Delay	4.2	3.9		8.0	6.9			12.5			12.1	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	4.2	3.9		8.0	6.9			12.5			12.1	
LOS	A	A		A	A			B			B	
Approach Delay		3.9			6.9			12.5			12.1	
Approach LOS		A			A			B			B	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 34.6	
Natural Cycle: 55	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.18	
Intersection Signal Delay: 6.3	Intersection LOS: A
Intersection Capacity Utilization 30.8%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 9: NC 56 & Crescent Dr

Existing (2014) PM

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Volume (vph)	9	447	215	137	186	10
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)		3%	-3%		-2%	
Storage Length (ft)	150			125	150	0
Storage Lanes	1			1	1	1
Taper Length (ft)	250			125	100	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt				0.850		0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1726	1817	1837	1561	1787	1599
Flt Permitted	0.610				0.950	
Satd. Flow (perm)	1108	1817	1837	1561	1787	1599
Right Turn on Red				No		No
Satd. Flow (RTOR)						
Link Speed (mph)		25	25		25	
Link Distance (ft)		414	345		306	
Travel Time (s)		11.3	9.4		8.3	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	3%	3%	5%	5%	2%	2%
Adj. Flow (vph)	10	497	239	152	207	11
Shared Lane Traffic (%)						
Lane Group Flow (vph)	10	497	239	152	207	11
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		12	12		12	
Link Offset(ft)		8	-8		0	
Crosswalk Width(ft)		30	30		8	
Two way Left Turn Lane						
Headway Factor	1.02	1.02	0.98	0.98	0.99	0.99
Turning Speed (mph)	15			9	15	9
Number of Detectors	1	2	2	1	1	1
Detector Template	Left	Thru	Thru	Right	Left	Right
Leading Detector (ft)	20	100	100	20	20	20
Trailing Detector (ft)	0	0	0	0	0	0
Detector 1 Position(ft)	0	0	0	0	0	0
Detector 1 Size(ft)	20	6	6	20	20	20
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 2 Position(ft)		94	94			
Detector 2 Size(ft)		6	6			
Detector 2 Type		Cl+Ex	Cl+Ex			
Detector 2 Channel						
Detector 2 Extend (s)		0.0	0.0			
Turn Type	D.Pm			pm+ov		Perm
Protected Phases		2	6	4	4	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Permitted Phases	6			6		4
Detector Phase	6	2	6	4	4	4
Switch Phase						
Minimum Initial (s)	10.0	10.0	10.0	7.0	7.0	7.0
Minimum Split (s)	23.0	23.0	23.0	23.0	23.0	23.0
Total Split (s)	35.0	35.0	35.0	25.0	25.0	25.0
Total Split (%)	58.3%	58.3%	58.3%	41.7%	41.7%	41.7%
Maximum Green (s)	29.6	29.6	29.6	19.7	19.7	19.7
Yellow Time (s)	3.3	3.3	3.3	3.0	3.0	3.0
All-Red Time (s)	2.1	2.1	2.1	2.3	2.3	2.3
Lost Time Adjust (s)	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3
Total Lost Time (s)	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	Min	Min	Min	None	None	None
Act Effct Green (s)	19.3	19.3	19.3	40.3	10.7	10.7
Actuated g/C Ratio	0.48	0.48	0.48	1.00	0.27	0.27
v/c Ratio	0.02	0.57	0.27	0.10	0.44	0.03
Control Delay	6.3	11.1	7.7	0.1	16.1	12.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	6.3	11.1	7.7	0.1	16.1	12.4
LOS	A	B	A	A	B	B
Approach Delay		11.0	4.8		15.9	
Approach LOS		B	A		B	

Intersection Summary	
Area Type: Other	
Cycle Length: 60	
Actuated Cycle Length: 40.3	
Natural Cycle: 50	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.57	
Intersection Signal Delay: 9.8	Intersection LOS: A
Intersection Capacity Utilization 42.2%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1: NC 56 & S 33rd St

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Volume (vph)	75	558	339	392	173	45
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)		-1%	2%		2%	
Storage Length (ft)	300			0	150	0
Storage Lanes	1			1	1	1
Taper Length (ft)	100			100	50	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt				0.850		0.850
Flt Protected	0.950				0.950	
Satd. Flow (prot)	1778	1872	1844	1567	1702	1523
Flt Permitted	0.950				0.950	
Satd. Flow (perm)	1778	1872	1844	1567	1702	1523
Right Turn on Red				No		No
Satd. Flow (RTOR)						
Link Speed (mph)		35	35		45	
Link Distance (ft)		496	300		388	
Travel Time (s)		9.7	5.8		5.9	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	2%	2%	2%	5%	5%
Adj. Flow (vph)	83	620	377	436	192	50
Shared Lane Traffic (%)						
Lane Group Flow (vph)	83	620	377	436	192	50
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		12	12		12	
Link Offset(ft)		8	-14		8	
Crosswalk Width(ft)		20	30		26	
Two way Left Turn Lane						
Headway Factor	0.99	0.99	1.01	1.01	1.01	1.01
Turning Speed (mph)	15			9	15	9
Number of Detectors	1	2	2	1	1	1
Detector Template	Left	Thru	Thru	Right	Left	Right
Leading Detector (ft)	20	100	100	20	20	20
Trailing Detector (ft)	0	0	0	0	0	0
Detector 1 Position(ft)	0	0	0	0	0	0
Detector 1 Size(ft)	20	6	6	20	20	20
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 2 Position(ft)		94	94			
Detector 2 Size(ft)		6	6			
Detector 2 Type		Cl+Ex	Cl+Ex			
Detector 2 Channel						
Detector 2 Extend (s)		0.0	0.0			
Turn Type	Prot			pm+ov		pm+ov
Protected Phases	5	2	6	4	4	5

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Permitted Phases				6		4
Detector Phase	5	2	6	4	4	5
Switch Phase						
Minimum Initial (s)	7.0	10.0	10.0	7.0	7.0	7.0
Minimum Split (s)	14.0	23.0	23.0	23.0	23.0	14.0
Total Split (s)	19.0	71.0	52.0	34.0	34.0	19.0
Total Split (%)	18.1%	67.6%	49.5%	32.4%	32.4%	18.1%
Maximum Green (s)	13.9	66.0	46.4	28.6	28.6	13.9
Yellow Time (s)	3.0	3.7	4.0	3.0	3.0	3.0
All-Red Time (s)	2.1	1.3	1.6	2.4	2.4	2.1
Lost Time Adjust (s)	-0.1	0.0	-0.6	-0.4	-0.4	-0.1
Total Lost Time (s)	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead		Lag			Lead
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Min	C-Min	None	None	None
Act Effct Green (s)	10.4	76.3	63.3	88.0	18.7	34.2
Actuated g/C Ratio	0.10	0.73	0.60	0.84	0.18	0.33
v/c Ratio	0.47	0.46	0.34	0.33	0.63	0.10
Control Delay	52.7	7.7	15.7	2.5	49.0	22.7
Queue Delay	0.0	0.0	1.3	0.4	4.1	0.0
Total Delay	52.7	7.8	17.0	2.8	53.2	22.7
LOS	D	A	B	A	D	C
Approach Delay		13.1	9.4		46.9	
Approach LOS		B	A		D	

Intersection Summary	
Area Type: Other	
Cycle Length: 105	
Actuated Cycle Length: 105	
Offset: 75 (71%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.63	
Intersection Signal Delay: 16.0	Intersection LOS: B
Intersection Capacity Utilization 47.3%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 2: NC 56 & W Lyon Station Rd

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	0	622	109	147	633	0	0	0	0	117	0	98
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		2%			-1%			0%			4%	
Storage Length (ft)	0		0	200		0	0		0	0		150
Storage Lanes	0		1	1		0	0		0	0		1
Taper Length (ft)	25		25	200		25	25		25	25		100
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.980										0.850
Flt Protected				0.950							0.950	
Satd. Flow (prot)	0	1807	0	1761	1854	0	0	0	0	0	1717	1537
Flt Permitted				0.156							0.950	
Satd. Flow (perm)	0	1807	0	289	1854	0	0	0	0	0	1717	1537
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		300			693			369			674	
Travel Time (s)		5.8			13.5			7.2			13.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	2%	2%	3%	3%	3%	2%	2%	2%	3%	3%	3%
Adj. Flow (vph)	0	691	121	163	703	0	0	0	0	130	0	109
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	812	0	163	703	0	0	0	0	0	130	109
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		6			6			-24			-14	
Crosswalk Width(ft)		16			30			16			16	
Two way Left Turn Lane												
Headway Factor	1.01	1.01	1.01	0.99	0.99	0.99	1.00	1.00	1.00	1.03	1.03	1.03
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors		2		1	2					1	2	1
Detector Template		Thru		Left	Thru					Left	Thru	Right
Leading Detector (ft)		100		20	100					20	100	20
Trailing Detector (ft)		0		0	0					0	0	0
Detector 1 Position(ft)		0		0	0					0	0	0
Detector 1 Size(ft)		6		20	6					20	6	20
Detector 1 Type		Cl+Ex		Cl+Ex	Cl+Ex					Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 1 Queue (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 1 Delay (s)		0.0		0.0	0.0					0.0	0.0	0.0
Detector 2 Position(ft)		94			94						94	
Detector 2 Size(ft)		6			6						6	
Detector 2 Type		Cl+Ex			Cl+Ex						Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0						0.0	
Turn Type				D.P+P						Perm		Perm
Protected Phases		2		1	6						4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases				2						4		4
Detector Phase		2		1	6					4	4	4
Switch Phase												
Minimum Initial (s)		10.0		7.0	10.0					7.0	7.0	7.0
Minimum Split (s)		20.0		11.8	20.0					20.0	20.0	20.0
Total Split (s)	0.0	70.2	0.0	14.8	85.0	0.0	0.0	0.0	0.0	20.0	20.0	20.0
Total Split (%)	0.0%	66.9%	0.0%	14.1%	81.0%	0.0%	0.0%	0.0%	0.0%	19.0%	19.0%	19.0%
Maximum Green (s)		65.3		10.0	80.1					14.6	14.6	14.6
Yellow Time (s)		3.9		3.0	3.9					3.6	3.6	3.6
All-Red Time (s)		1.0		1.8	1.0					1.8	1.8	1.8
Lost Time Adjust (s)	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.4	-0.4
Total Lost Time (s)	4.0	5.0	4.0	5.0	5.0	4.0	4.0	4.0	4.0	5.4	5.0	5.0
Lead/Lag		Lag		Lead								
Lead-Lag Optimize?												
Vehicle Extension (s)		3.0		3.0	3.0					3.0	3.0	3.0
Recall Mode		C-Min		None	C-Min					Max	Max	Max
Act Effct Green (s)		58.7		67.0	72.0						23.0	23.0
Actuated g/C Ratio		0.56		0.64	0.69						0.22	0.22
v/c Ratio		0.80		0.54	0.55						0.35	0.32
Control Delay		19.8		12.2	9.9						41.0	41.1
Queue Delay		1.2		0.0	0.2						0.0	0.0
Total Delay		21.0		12.2	10.1						41.0	41.1
LOS		C		B	B						D	D
Approach Delay		21.0			10.5						41.1	
Approach LOS		C			B						D	

Intersection Summary

Area Type: Other
Cycle Length: 105
Actuated Cycle Length: 105
Offset: 2 (2%), Referenced to phase 2:EBWB and 6:WBT, Start of Green
Natural Cycle: 70
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.80
Intersection Signal Delay: 18.8 Intersection LOS: B
Intersection Capacity Utilization 72.8% ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 3: NC 56 & I-85 SB Ramp

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	150	589	0	0	629	173	151	0	260	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		-1%			1%			2%			0%	
Storage Length (ft)	175		0	0		125	0		125	0		0
Storage Lanes	1		0	0		0	1		1	0		0
Taper Length (ft)	175		25	25		100	100		100	25		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt					0.971				0.850			
Flt Protected	0.950							0.950				
Satd. Flow (prot)	1778	1872	0	0	1782	0	0	1718	1537	0	0	0
Flt Permitted	0.123							0.950				
Satd. Flow (perm)	230	1872	0	0	1782	0	0	1718	1537	0	0	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		693			299			551			453	
Travel Time (s)		13.5			5.8			10.7			8.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	2%	2%	3%	3%	3%	4%	4%	4%	2%	2%	2%
Adj. Flow (vph)	167	654	0	0	699	192	168	0	289	0	0	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	167	654	0	0	891	0	0	168	289	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			16			0			0	
Link Offset(ft)		0			2			-6			-24	
Crosswalk Width(ft)		30			16			16			16	
Two way Left Turn Lane												
Headway Factor	0.99	0.99	0.99	1.01	1.01	1.01	1.01	1.01	1.01	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2			2		1	2	1			
Detector Template	Left	Thru			Thru		Left	Thru	Right			
Leading Detector (ft)	20	100			100		20	100	20			
Trailing Detector (ft)	0	0			0		0	0	0			
Detector 1 Position(ft)	0	0			0		0	0	0			
Detector 1 Size(ft)	20	6			6		20	6	20			
Detector 1 Type	Cl+Ex	Cl+Ex			Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex			
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 1 Queue (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 1 Delay (s)	0.0	0.0			0.0		0.0	0.0	0.0			
Detector 2 Position(ft)		94			94			94				
Detector 2 Size(ft)		6			6			6				
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0				
Turn Type	D.P+P						Perm		Perm			
Protected Phases	5	2			6			8				

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	6						8		8			
Detector Phase	5	2			6		8	8	8			
Switch Phase												
Minimum Initial (s)	7.0	10.0			10.0		7.0	7.0	7.0			
Minimum Split (s)	11.4	20.9			20.8		20.9	20.9	20.9			
Total Split (s)	12.0	77.0	0.0	0.0	65.0	0.0	28.0	28.0	28.0	0.0	0.0	0.0
Total Split (%)	11.4%	73.3%	0.0%	0.0%	61.9%	0.0%	26.7%	26.7%	26.7%	0.0%	0.0%	0.0%
Maximum Green (s)	7.6	72.1			60.1		23.1	23.1	23.1			
Yellow Time (s)	3.0	3.9			3.9		3.7	3.7	3.7			
All-Red Time (s)	1.4	1.0			1.0		1.2	1.2	1.2			
Lost Time Adjust (s)	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.0	4.0	5.0	4.0	4.9	5.0	5.0	4.0	4.0	4.0
Lead/Lag	Lead				Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0			3.0		3.0	3.0	3.0			
Recall Mode	None	C-Min			C-Min		None	None	None			
Act Effct Green (s)	68.0	73.0			61.0			22.0	22.0			
Actuated g/C Ratio	0.65	0.70			0.58			0.21	0.21			
v/c Ratio	0.66	0.50			0.86			0.47	0.90			
Control Delay	25.6	6.1			24.1			40.8	70.8			
Queue Delay	0.0	0.2			0.0			0.0	0.0			
Total Delay	25.6	6.3			24.1			40.8	70.8			
LOS	C	A			C			D	E			
Approach Delay		10.2			24.1			59.8				
Approach LOS		B			C			E				

Intersection Summary	
Area Type:	Other
Cycle Length: 105	
Actuated Cycle Length: 105	
Offset: 11 (10%), Referenced to phase 2:EBT and 6:EBWB, Start of Green	
Natural Cycle: 90	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.90	
Intersection Signal Delay: 26.4	Intersection LOS: C
Intersection Capacity Utilization 72.8%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 4: NC 56 & I-85 NB Ramp

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (vph)	536	95	74	419	283	141
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Grade (%)	0%			-1%	-1%	
Storage Length (ft)		0	200		100	0
Storage Lanes		0	1		1	1
Taper Length (ft)		25	25		100	25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.980					0.850
Flt Protected			0.950		0.950	
Satd. Flow (prot)	1808	0	1761	1854	1778	1591
Flt Permitted			0.306		0.950	
Satd. Flow (perm)	1808	0	567	1854	1778	1591
Right Turn on Red		No				No
Satd. Flow (RTOR)						
Link Speed (mph)	35			35	35	
Link Distance (ft)	309			378	270	
Travel Time (s)	6.0			7.4	5.3	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	3%	3%	3%	3%	2%	2%
Adj. Flow (vph)	596	106	82	466	314	157
Shared Lane Traffic (%)						
Lane Group Flow (vph)	702	0	82	466	314	157
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	-8	
Crosswalk Width(ft)	30			30	30	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	0.99	0.99	0.99	0.99
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	1
Detector Template	Thru		Left	Thru	Left	Right
Leading Detector (ft)	100		20	100	20	20
Trailing Detector (ft)	0		0	0	0	0
Detector 1 Position(ft)	0		0	0	0	0
Detector 1 Size(ft)	6		20	6	20	20
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	0.0
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type			Perm			Perm
Protected Phases	2			6	8	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Permitted Phases			6			8
Detector Phase	2		6	6	8	8
Switch Phase						
Minimum Initial (s)	10.0		10.0	10.0	7.0	7.0
Minimum Split (s)	20.0		20.0	20.0	20.0	20.0
Total Split (s)	68.0	0.0	68.0	68.0	37.0	37.0
Total Split (%)	64.8%	0.0%	64.8%	64.8%	35.2%	35.2%
Maximum Green (s)	63.0		63.1	63.1	32.1	32.1
Yellow Time (s)	3.8		3.9	3.9	3.0	3.0
All-Red Time (s)	1.2		1.0	1.0	1.9	1.9
Lost Time Adjust (s)	0.0	0.0	0.1	0.1	0.1	0.1
Total Lost Time (s)	5.0	4.0	5.0	5.0	5.0	5.0
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	3.0
Recall Mode	C-Min		C-Min	C-Min	None	None
Act Effct Green (s)	71.3		71.3	71.3	23.7	23.7
Actuated g/C Ratio	0.68		0.68	0.68	0.23	0.23
v/c Ratio	0.57		0.21	0.37	0.78	0.44
Control Delay	12.6		9.4	9.1	51.7	37.6
Queue Delay	0.0		0.0	0.0	0.0	0.0
Total Delay	12.6		9.4	9.1	51.7	37.6
LOS	B		A	A	D	D
Approach Delay	12.6			9.2	47.0	
Approach LOS	B			A	D	

Intersection Summary	
Area Type: Other	
Cycle Length: 105	
Actuated Cycle Length: 105	
Offset: 72 (69%), Referenced to phase 2:EBT and 6:WBTL, Start of Green	
Natural Cycle: 55	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.78	
Intersection Signal Delay: 20.9	Intersection LOS: C
Intersection Capacity Utilization 70.5%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 5: NC 56 & E Lyon Station Rd

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	297	183	35	11	208	16	48	351	9	7	144	150
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		3%			-4%			1%			-1%	
Storage Length (ft)	0		125	0		0	125		0	75		0
Storage Lanes	0		1	0		0	1		0	1		0
Taper Length (ft)	25		50	25		25	100		25	100		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.850		0.991			0.996			0.923	
Flt Protected		0.970			0.998		0.950			0.950		
Satd. Flow (prot)	0	1780	1560	0	1879	0	1761	1846	0	1761	1711	0
Flt Permitted		0.970			0.998		0.358			0.245		
Satd. Flow (perm)	0	1780	1560	0	1879	0	664	1846	0	454	1711	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		345			428			266			209	
Travel Time (s)		6.7			8.3			5.2			4.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	3%	3%	3%
Adj. Flow (vph)	330	203	39	12	231	18	53	390	10	8	160	167
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	533	39	0	261	0	53	400	0	8	327	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		6			0			10			-10	
Crosswalk Width(ft)		0			30			16			30	
Two way Left Turn Lane												
Headway Factor	1.02	1.02	1.02	0.97	0.97	0.97	1.01	1.01	1.01	0.99	0.99	0.99
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2	1	1	2		1	2		1	2	
Detector Template	Left	Thru	Right	Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100	20	20	100		20	100		20	100	
Trailing Detector (ft)	0	0	0	0	0		0	0		0	0	
Detector 1 Position(ft)	0	0	0	0	0		0	0		0	0	
Detector 1 Size(ft)	20	6	20	20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Split		Perm	Split			Perm			Perm		
Protected Phases	3	3		4	4			2			6	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases			3				2			6		
Detector Phase	3	3	3	4	4		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0	7.0	7.0		10.0	10.0		10.0	10.0	
Minimum Split (s)	20.0	20.0	20.0	20.0	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	37.0	37.0	37.0	21.0	21.0	0.0	32.0	32.0	0.0	32.0	32.0	0.0
Total Split (%)	41.1%	41.1%	41.1%	23.3%	23.3%	0.0%	35.6%	35.6%	0.0%	35.6%	35.6%	0.0%
Maximum Green (s)	30.9	30.9	30.9	14.7	14.7		26.9	26.9		26.2	26.2	
Yellow Time (s)	3.7	3.7	3.7	4.1	4.1		3.8	3.8		3.9	3.9	
All-Red Time (s)	2.4	2.4	2.4	2.2	2.2		1.3	1.3		1.9	1.9	
Lost Time Adjust (s)	0.0	-1.1	-1.1	0.0	-1.3	-1.3	-0.1	-0.1	0.0	-0.8	-0.8	0.0
Total Lost Time (s)	6.1	5.0	5.0	6.3	5.0	2.7	5.0	5.0	4.0	5.0	5.0	4.0
Lead/Lag	Lead	Lead	Lead	Lag	Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None	None	None	None		Min	Min		Min	Min	
Act Effct Green (s)		28.3	28.3		15.2		21.9	21.9		21.9	21.9	
Actuated g/C Ratio		0.35	0.35		0.19		0.27	0.27		0.27	0.27	
v/c Ratio		0.86	0.07		0.74		0.29	0.80		0.07	0.71	
Control Delay		40.4	19.3		47.2		29.5	41.2		24.4	36.5	
Queue Delay		0.0	0.0		0.0		0.0	0.0		0.0	0.0	
Total Delay		40.4	19.3		47.2		29.5	41.2		24.4	36.5	
LOS		D	B		D		C	D		C	D	
Approach Delay		38.9			47.2			39.9			36.2	
Approach LOS		D			D			D			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 80.8	
Natural Cycle: 75	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.86	
Intersection Signal Delay: 40.0	Intersection LOS: D
Intersection Capacity Utilization 82.6%	ICU Level of Service E
Analysis Period (min) 15	

Splits and Phases: 6: NC 56 & US 15

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	219	23	103	559	37	82
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	100		0	0	
Storage Lanes	1	0		0	0	
Taper Length (ft)	25	100		25	25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.987		0.886			
Flt Protected	0.957					0.985
Satd. Flow (prot)	1617	0	1634	0	0	1800
Flt Permitted	0.957					0.985
Satd. Flow (perm)	1617	0	1634	0	0	1800
Link Speed (mph)	35		35			35
Link Distance (ft)	236		163			375
Travel Time (s)	4.6		3.2			7.3
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	11%	11%	3%	3%	4%	4%
Adj. Flow (vph)	243	26	114	621	41	91
Shared Lane Traffic (%)						
Lane Group Flow (vph)	269	0	735	0	0	132
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	40		0			0
Link Offset(ft)	30		-10			8
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Sign Control	Stop		Stop			Stop

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 60.1%	ICU Level of Service B
Analysis Period (min) 15	

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Sign Control	Stop		Stop			Stop
Volume (vph)	219	23	103	559	37	82
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Hourly flow rate (vph)	243	26	114	621	41	91

Direction, Lane #	WB 1	NB 1	SB 1
Volume Total (vph)	269	736	132
Volume Left (vph)	243	0	41
Volume Right (vph)	26	621	0
Hadj (s)	0.31	-0.46	0.13
Departure Headway (s)	6.3	4.6	5.9
Degree Utilization, x	0.47	0.94	0.22
Capacity (veh/h)	555	774	587
Control Delay (s)	14.7	39.3	10.5
Approach Delay (s)	14.7	39.3	10.5
Approach LOS	B	E	B

Intersection Summary			
Delay	30.2		
HCM Level of Service	D		
Intersection Capacity Utilization	60.1%	ICU Level of Service	B
Analysis Period (min)	15		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	7	574	28	127	204	21	36	204	233	13	147	6
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		4%			-6%			-6%			-6%	
Storage Length (ft)	0		0	125		0	100		0	100		0
Storage Lanes	0		0	1		0	1		0	1		0
Taper Length (ft)	25		25	75		25	100		25	100		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.994			0.986			0.920			0.994	
Flt Protected		0.999		0.950			0.950			0.950		
Satd. Flow (prot)	0	1795	0	1805	1873	0	1788	1731	0	1823	1907	0
Flt Permitted		0.996		0.234			0.620			0.169		
Satd. Flow (perm)	0	1790	0	445	1873	0	1167	1731	0	324	1907	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			20			35	
Link Distance (ft)		414			540			277			415	
Travel Time (s)		8.1			10.5			9.4			8.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	3%	3%	3%	3%	3%	3%	4%	4%	4%	2%	2%	2%
Adj. Flow (vph)	8	638	31	141	227	23	40	227	259	14	163	7
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	677	0	141	250	0	40	486	0	14	170	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			12			12			12	
Link Offset(ft)		0			4			18			-12	
Crosswalk Width(ft)		16			24			16			16	
Two way Left Turn Lane												
Headway Factor	1.03	1.03	1.03	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm			pm+pt			Perm			Perm		
Protected Phases		2		1	6			8			4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	10.0	10.0		7.0	10.0		7.0	7.0		7.0	7.0	
Minimum Split (s)	22.1	22.1		12.9	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	45.1	45.1	0.0	12.9	58.0	0.0	32.0	32.0	0.0	32.0	32.0	0.0
Total Split (%)	50.1%	50.1%	0.0%	14.3%	64.4%	0.0%	35.6%	35.6%	0.0%	35.6%	35.6%	0.0%
Maximum Green (s)	39.0	39.0		7.0	52.1		27.0	27.0		26.6	26.6	
Yellow Time (s)	3.6	3.6		3.1	4.3		3.1	3.1		4.3	4.3	
All-Red Time (s)	2.5	2.5		2.8	1.6		1.9	1.9		1.1	1.1	
Lost Time Adjust (s)	0.0	-1.1	0.0	-0.9	-0.9	0.0	0.0	0.0	0.0	-0.4	-0.4	0.0
Total Lost Time (s)	6.1	5.0	4.0	5.0	5.0	4.0	5.0	5.0	4.0	5.0	5.0	4.0
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Min	Min		None	Min		None	None		None	None	
Act Effct Green (s)		36.2		49.2	49.2		25.9	25.9		25.9	25.9	
Actuated g/C Ratio		0.42		0.58	0.58		0.30	0.30		0.30	0.30	
v/c Ratio		0.89		0.37	0.23		0.11	0.92		0.14	0.29	
Control Delay		38.6		11.1	9.5		23.8	55.4		27.5	25.3	
Queue Delay		0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay		38.6		11.1	9.5		23.8	55.4		27.5	25.3	
LOS		D		B	A		C	E		C	C	
Approach Delay		38.6			10.1			53.0			25.5	
Approach LOS		D			B			D			C	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 85.2	
Natural Cycle: 90	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.92	
Intersection Signal Delay: 35.2	Intersection LOS: D
Intersection Capacity Utilization 86.7%	ICU Level of Service E
Analysis Period (min) 15	

Splits and Phases: 8: NC 56 & N Main St

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	17	706	15	34	254	24	13	26	51	24	20	32
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Grade (%)		2%			-2%			-1%			-3%	
Storage Length (ft)	175		0	200		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	150		25	25		25	25		25	25		25
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.997			0.978			0.937			0.943	
Flt Protected	0.950			0.950				0.994			0.984	
Satd. Flow (prot)	1752	1839	0	1753	1805	0	0	1727	0	0	1754	0
Flt Permitted	0.465			0.323				0.949			0.886	
Satd. Flow (perm)	858	1839	0	596	1805	0	0	1648	0	0	1580	0
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		35			35			55			35	
Link Distance (ft)		416			678			366			302	
Travel Time (s)		8.1			13.2			4.5			5.9	
Peak Hour Factor	0.50	0.90	0.90	0.90	0.90	0.50	0.90	0.50	0.90	0.50	0.50	0.50
Heavy Vehicles (%)	2%	2%	2%	4%	4%	4%	3%	3%	3%	2%	2%	2%
Adj. Flow (vph)	34	784	17	38	282	48	14	52	57	48	40	64
Shared Lane Traffic (%)												
Lane Group Flow (vph)	34	801	0	38	330	0	0	123	0	0	152	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		-6			6			8			4	
Crosswalk Width(ft)		16			0			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.01	1.01	1.01	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.98
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	pm+pt			Perm			Perm			Perm		
Protected Phases	5	2			6			8			4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	2			6			8			4		
Detector Phase	5	2		6	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	7.0	12.0		12.0	12.0		7.0	7.0		7.0	7.0	
Minimum Split (s)	12.1	20.0		20.0	20.0		20.0	20.0		20.0	20.0	
Total Split (s)	13.0	68.0	0.0	55.0	55.0	0.0	22.0	22.0	0.0	22.0	22.0	0.0
Total Split (%)	14.4%	75.6%	0.0%	61.1%	61.1%	0.0%	24.4%	24.4%	0.0%	24.4%	24.4%	0.0%
Maximum Green (s)	7.9	62.5		49.2	49.2		15.7	15.7		16.4	16.4	
Yellow Time (s)	3.0	4.5		4.7	4.7		5.3	5.3		4.1	4.1	
All-Red Time (s)	2.1	1.0		1.1	1.1		1.0	1.0		1.5	1.5	
Lost Time Adjust (s)	-0.1	-0.5	0.0	-0.8	-0.8	0.0	0.0	-1.3	0.0	0.0	-1.6	0.0
Total Lost Time (s)	5.0	5.0	4.0	5.0	5.0	4.0	6.3	5.0	4.0	5.6	4.0	4.0
Lead/Lag	Lead			Lag	Lag							
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	Min		Min	Min		None	None		None	None	
Act Effct Green (s)	34.3	35.8		32.0	32.0			11.6			12.5	
Actuated g/C Ratio	0.65	0.68		0.61	0.61			0.22			0.24	
v/c Ratio	0.05	0.64		0.11	0.30			0.34			0.41	
Control Delay	4.9	10.4		10.8	10.3			23.4			23.7	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	4.9	10.4		10.8	10.3			23.4			23.7	
LOS	A	B		B	B			C			C	
Approach Delay		10.2			10.4			23.4			23.7	
Approach LOS		B			B			C			C	

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 52.8	
Natural Cycle: 60	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.64	
Intersection Signal Delay: 12.7	Intersection LOS: B
Intersection Capacity Utilization 53.8%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 9: NC 56 & Crescent Dr

NC56 CORRIDOR STUDY

Appendix III: Crash Data & Analysis

North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Strip Analysis Report

Study Criteria Summary

County: GRANVILLE **City:** All and Rural
Date: 10/1/2009 **to** 9/30/2014 **Study:** 41000032161
Location: NC 56 from 300 ft. west of 33rd St. (SR 1112) to 300 ft. east of Darden Dr.

Report Details

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	Injuries A	Injuries B	Injuries C	Condition R	Condition L	Condition W	Road Ch	Road Ci	Trfc Ctl Dv	Trfc Ctl Op
1	**103538511**	1.720	08/01/2012 11:13	REAR END, SLOW OR STOP	$ 7000	0	0	0	0	1	1	1	1	0	3	1
Unit 1 : 1	**Alchl/Drgs:** 0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 4	**Obj Strk:**											
Unit 2 : 1	**Alchl/Drgs:** 0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 11	**Obj Strk:**											
2	**103323476**	1.740	11/16/2011 16:39	REAR END, SLOW OR STOP	$ 2000	0	0	0	0	2	1	2	1	0	13	1
Unit 1 : 1	**Alchl/Drgs:** 0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 4	**Obj Strk:**											
Unit 2 : 1	**Alchl/Drgs:** 0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 1	**Obj Strk:**											
3	**103026853**	1.950	11/17/2010 08:10	REAR END, SLOW OR STOP	$ 3500	0	0	0	0	2	1	1	1	0	6	1
Unit 1 : 1	**Alchl/Drgs:** 0	**Speed:** 15 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:** 14	**Obj Strk:**											
Unit 2 : 1	**Alchl/Drgs:** 0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:** 1	**Obj Strk:**											
4	**103128980**	1.950	03/29/2011 05:37	FIXED OBJECT	$ 8000	0	0	0	1	1	5	1	1	0		
Unit 1 : 1	**Alchl/Drgs:** 0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:** 4	**Obj Strk:** 64											
5	**104019472**	2.030	07/12/2013 15:14	REAR END, SLOW OR STOP	$ 800	0	0	0	0	1	1	2	1	0	13	1
Unit 1 : 4	**Alchl/Drgs:** 0	**Speed:** 30 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 11	**Obj Strk:**											
Unit 2 : 1	**Alchl/Drgs:** 0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 11	**Obj Strk:**											
6	**102966916**	2.110	09/03/2010 17:06	REAR END, SLOW OR STOP	$ 1500	0	0	0	0	1	1	1	5	0	3	1
Unit 1 : 1	**Alchl/Drgs:** 0	**Speed:** 5 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 4	**Obj Strk:**											
Unit 2 : 2	**Alchl/Drgs:** 0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 1	**Obj Strk:**											
7	**103181460**	2.110	05/31/2011 11:29	REAR END, SLOW OR STOP	$ 4150	0	0	0	0	1	1	1	1	0	3	1
Unit 1 : 1	**Alchl/Drgs:** 0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 4	**Obj Strk:**											
Unit 2 : 1	**Alchl/Drgs:** 0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 1	**Obj Strk:**											
8	**103234607**	2.110	08/07/2011 12:36	REAR END, SLOW OR STOP	$ 2600	0	0	0	1	1	1	1	1	0	3	1
Unit 1 : 1	**Alchl/Drgs:** 0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 4	**Obj Strk:**											
Unit 2 : 2	**Alchl/Drgs:** 0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:** 1	**Obj Strk:**											

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	Injuries A	Injuries B	Injuries C	Condition R	Condition L	Condition W	Road Ch	Road Ci	Trfc Ctl Dv	Trfc Ctl Op
9	**103267577**	2.110	09/25/2011 15:25	REAR END, SLOW OR STOP	$ 2500	0	0	1	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	20 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:**	20 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
10	**103446507**	2.110	04/28/2012 11:39	RAN OFF ROAD - RIGHT	$ 12000	0	0	1	0	1	1	2	1	0	3	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:**	50 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**	34					
11	**103505837**	2.110	07/05/2012 12:20	REAR END, SLOW OR STOP	$ 8000	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	40 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:**	0 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	3	**Obj Strk:**						
Unit	**3 :** 4	**Alchl/Drgs:**	0	**Speed:**	0 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	3	**Obj Strk:**						
12	**103777714**	2.110	05/31/2013 16:07	REAR END, SLOW OR STOP	$ 3700	0	0	0	1	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	35 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	11	**Obj Strk:**						
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:**	0 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	1	**Obj Strk:**						
Unit	**3 :** 1	**Alchl/Drgs:**	0	**Speed:**	0 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	1	**Obj Strk:**						
13	**103777718**	2.110	06/03/2013 14:50	REAR END, SLOW OR STOP	$ 3000	0	0	0	0	1	1	1	5	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	20 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:**	0 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
14	**104019485**	2.110	08/17/2013 14:05	REAR END, SLOW OR STOP	$ 800	0	0	0	0	2	1	3	3	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	10 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:**	10 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
15	**104083362**	2.110	03/07/2014 22:52	FIXED OBJECT	$ 5000	0	0	1	0	4	5	1	1	1	3	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:**	20 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**	50					
16	**104147920**	2.110	04/18/2014 22:43	ANGLE	$ 450	0	0	0	0	2	5	3	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	10 MPH	**Dir:**	S	**Veh Mnvr/Ped Actn:**	8	**Obj Strk:**						
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:**	15 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
17	**103369196**	2.148	01/11/2012 07:02	LEFT TURN, DIFFERENT ROADWAYS	$ 5000	0	0	0	0	1	5	2	1	0	13	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:**	10 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	8	**Obj Strk:**						
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:**	0 MPH	**Dir:**	E	**Veh Mnvr/Ped Actn:**	1	**Obj Strk:**						

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in and further representing this data.

North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Strip Analysis Report

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
18	**103626306**	2.148	12/01/2012 15:30	SIDESWIPE, SAME DIRECTION	$ 1250	0	0	0	0	1	1	1	1	0	1	1
Unit	**1 :** 20	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 3	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				5			**Obj Strk:**			
19	**104019540**	2.148	11/25/2013 07:34	LEFT TURN, DIFFERENT ROADWAYS	$ 3300	0	0	0	1	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 5	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
20	**104143836**	2.148	06/27/2014 21:34	LEFT TURN, DIFFERENT ROADWAYS	$ 6000	0	0	0	1	1	5	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
21	**103082844**	2.202	01/24/2011 05:32	LEFT TURN, DIFFERENT ROADWAYS	$ 10500	0	0	0	0	1	5	1	1	0	13	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
22	**102789900**	2.230	01/23/2010 07:18	RAN OFF ROAD - LEFT	$ 1000	0	0	0	0	4	4	1	1	0		
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		50	
23	**103063688**	2.230	12/26/2010 21:28	FIXED OBJECT	$ 3000	0	0	0	0	4	5	2	1	1	0	
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**		50	
24	**104083358**	2.230	03/08/2014 00:16	RAN OFF ROAD - LEFT	$ 2500	0	0	0	0	4	5	1	1	1	3	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		50	
25	**104019539**	2.240	11/11/2013 20:24	ANIMAL	$ 2500	0	0	0	0	1	5	1		0		
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
26	**102778322**	2.290	01/05/2010 12:43	REAR END, SLOW OR STOP	$ 2000	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
27	**104019504**	2.290	11/10/2013 05:37	ANIMAL	$ 500	0	0	0	0	1	5	1	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
28	**104019501**	2.290	11/11/2013 05:15	ANIMAL	$ 750	0	0	0	0	1	5	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
29	**102809864**	2.306	02/23/2010 12:51	REAR END, SLOW OR STOP	$ 1000	0	0	0	0	1	1	1	3	0	3	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
30	**102941315**	2.306	08/08/2010 14:40	REAR END, SLOW OR STOP	$ 2000	0	0	0	1	1	1	1	1	0	3	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
31	**103075606**	2.306	12/31/2010 18:57	ANGLE	$ 1700	0	0	0	0	2	5	1	1	0	3	1
Unit	**1 :** 5	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
32	**103112673**	2.306	03/14/2011 19:11	ANGLE	$ 1200	0	0	0	0	2	5	3	1	0	3	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 3 MPH	**Dir:** NE	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
33	**103197287**	2.306	06/20/2011 10:48	ANGLE	$ 700	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 2 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
34	**103220443**	2.306	07/14/2011 16:05	REAR END, SLOW OR STOP	$ 4000	0	0	0	1	1	1	1	3	0	1	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
35	**103299200**	2.306	10/26/2011 15:47	REAR END, TURN	$ 7500	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
Unit	**3 :** 3	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
36	**104019529**	2.306	12/07/2013 20:58	LEFT TURN, DIFFERENT ROADWAYS	$ 10000	0	0	0	2	1	4	1	1	0	3	1
Unit	**1 :** 3	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
37	**102772265**	2.315	12/11/2009 12:56	REAR END, SLOW OR STOP	$ 3500	0	0	0	1	1	1	2	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
38	**103267574**	2.340	09/25/2011 17:05	LEFT TURN, SAME ROADWAY	$ 1000	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 5	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** NW	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
39	**104143791**	2.340	04/25/2014 15:01	RIGHT TURN, DIFFERENT ROADWAYS	$ 220	0	0	0	0	2	1	3	1	0	0	
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
40	**103637652**	2.382	12/03/2012 18:01	RIGHT TURN, SAME ROADWAY	$ 7000	0	0	0	0	1	4	1	1	0		1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 3	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
41	**104143792**	2.382	04/07/2014 11:53	ANGLE	$ 1000	0	0	0	1	2	1	3	1	0	0	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
42	**104143830**	2.382	06/11/2014 17:28	RIGHT TURN, DIFFERENT ROADWAYS	$ 3000	0	0	0	0	1	1	2	1	0	0	
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
43	**104143829**	2.382	06/17/2014 07:18	LEFT TURN, SAME ROADWAY	$ 1400	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
44	**103187668**	2.401	06/04/2011 11:23	LEFT TURN, SAME ROADWAY	$ 7000	0	0	1	0	1	4	1	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
45	**103401774**	2.401	02/11/2012 21:42	LEFT TURN, DIFFERENT ROADWAYS	$ 9000	0	0	0	0	1	5	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
46	**103432545**	2.401	04/10/2012 13:22	OTHER COLLISION WITH VEHICLE	$ 4500	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
47	**104019542**	2.401	11/08/2013 19:31	RIGHT TURN, SAME ROADWAY	$ 2300	0	0	0	0	1	4	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 8 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
48	**104083339**	2.401	01/03/2014 18:44	LEFT TURN, SAME ROADWAY	$ 5000	0	0	0	0	1	5	1	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
49	**102973044**	2.423	09/20/2010 17:03	REAR END, SLOW OR STOP	$ 3500	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
50	**102732623**	2.440	10/15/2009 08:02	REAR END, SLOW OR STOP	$ 5200	0	0	0	0	2	1	3	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
51	**103631777**	2.458	11/17/2012 14:50	LEFT TURN, SAME ROADWAY	$ 3000	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
52	**102732633**	2.483	10/15/2009 11:26	REAR END, SLOW OR STOP	$ 5000	0	0	0	0	2	1	2	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
53	**102940038**	2.529	08/06/2010 16:51	REAR END, SLOW OR STOP	$ 2100	0	0	0	3	1	1	1	1	0	0	
Unit	**1 :** 3	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
54	**102973040**	2.540	09/20/2010 09:25	RIGHT TURN, SAME ROADWAY	$ 4200	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		36	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
55	**103070391**	2.540	12/29/2010 18:05	REAR END, SLOW OR STOP	$ 1000	0	0	0	1	1	5	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
56	**103446435**	2.540	04/24/2012 12:43	LEFT TURN, DIFFERENT ROADWAYS	$ 1500	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 26	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:**	**Veh Mnvr/Ped Actn:**							**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
57	**103468271**	2.540	05/27/2012 12:31	ANGLE	$ 2000	0	0	0	2	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
58	**104019494**	2.540	08/31/2013 11:29	REAR END, SLOW OR STOP	$ 900	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
59	**104019495**	2.540	10/10/2013 08:57	REAR END, SLOW OR STOP	$ 700	0	0	0	0	2	1	3		0		
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
60	**104083337**	2.540	01/02/2014 17:54	ANGLE	$ 1800	0	0	0	0	2	4	3	1	0	3	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
61	**104019473**	2.542	07/21/2013 12:54	REAR END, SLOW OR STOP	$ 300	0	0	0	0	1	1	1		0		
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
62	**103059633**	2.544	12/19/2010 14:03	REAR END, SLOW OR STOP	$ 6500	0	0	0	2	1	1	1	3	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
63	**104083988**	2.546	03/29/2014 17:13	REAR END, SLOW OR STOP	$ 4500	0	0	0	0	2	1	3	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
64	**102939409**	2.548	07/01/2010 12:21	LEFT TURN, DIFFERENT ROADWAYS	$ 9500	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 14	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
Unit	**3 :** 20	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
65	**102772267**	2.574	12/22/2009 12:46	LEFT TURN, DIFFERENT ROADWAYS	$ 4500	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
66	**102950241**	2.574	07/22/2010 12:48	SIDESWIPE, SAME DIRECTION	$ 2400	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
67	**102940016**	2.574	08/06/2010 04:15	LEFT TURN, DIFFERENT ROADWAYS	$ 875	0	0	0	0	1	1	1	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
68	**102953349**	2.574	08/30/2010 07:57	LEFT TURN, SAME ROADWAY	$ 6000	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
69	**103035713**	2.574	11/24/2010 13:03	ANGLE	$ 2200	0	0	0	0	1	1	1	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
70	**103159762**	2.574	05/02/2011 12:27	RIGHT TURN, DIFFERENT ROADWAYS	$ 4000	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
71	**103163698**	2.574	05/07/2011 18:14	REAR END, SLOW OR STOP	$ 4500	0	0	0	0	1	2	1	1	0		
Unit	**1 :** 5	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 5	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
72	**103417729**	2.574	03/23/2012 13:18	LEFT TURN, SAME ROADWAY	$ 2000	0	0	0	0	1	1	1	1	0	0	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
73	**103572780**	2.574	10/07/2012 10:54	LEFT TURN, DIFFERENT ROADWAYS	$ 3000	0	0	0	0	2	1	2	1	0	14	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
74	**103430518**	2.640	04/02/2012 17:17	REAR END, SLOW OR STOP	$ 1100	0	0	0	0	1	1	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 3	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
75	**102817405**	2.660	03/02/2010 20:16	REAR END, SLOW OR STOP	$ 5000	0	0	0	0	2	5	3	1	0	0	
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
76	**103026857**	2.660	11/15/2010 12:24	LEFT TURN, SAME ROADWAY	$ 5500	0	0	0	0	1	1	2	1	0	1	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
77	**103129261**	2.660	03/31/2011 21:13	LEFT TURN, DIFFERENT ROADWAYS	$ 6500	0	0	0	0	2	5	3	1	0	1	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
78	**103355842**	2.698	12/07/2011 17:17	SIDESWIPE, SAME DIRECTION	$ 3500	0	0	0	0	2	4	3	1	0	0	
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
79	**103002271**	2.700	10/28/2010 11:05	RIGHT TURN, DIFFERENT ROADWAYS	$ 2000	0	0	0	0	1	1	1	1	0	1	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
80	**103489567**	2.709	06/23/2012 11:17	REAR END, SLOW OR STOP	$ 2750	0	0	1	0	1	1	1	1	0	0	
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
81	**103149710**	2.753	04/29/2011 21:22	LEFT TURN, SAME ROADWAY	$ 6500	0	0	0	0	1	4	1	1	0	0	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
82	**102833098**	2.810	12/25/2009 13:55	RIGHT TURN, SAME ROADWAY	$ 1200	0	0	0	0	2	1	3	1	0	0	
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**3 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
83	**103102988**	2.854	02/23/2011 14:22	LEFT TURN, DIFFERENT ROADWAYS	$ 5000	0	0	0	0	1	1	1	1	0	0	
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
84	**103769166**	2.871	09/26/2012 21:45	PEDESTRIAN	$ 750	1	0	0	0	1	4	1	1	0	13	1
Unit	**1 :** 24	**Alchl/Drgs:**	1	**Speed:** 0 MPH	**Dir:**	**Veh Mnvr/Ped Actn:**							**Obj Strk:**		14	
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		14	
Unit	**3 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		14	
85	**103369183**	2.890	01/12/2012 07:19	LEFT TURN, DIFFERENT ROADWAYS	$ 1500	0	0	0	0	2	3	1	1	0	1	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
86	**104083350**	2.890	01/08/2014 21:44	LEFT TURN, DIFFERENT ROADWAYS	$ 5000	0	0	0	0	1	4	1	1	0	1	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
87	**103620282**	3.031	11/25/2012 20:17	ANIMAL	$ 1500	0	0	0	0	1	5	1	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
88	**102897042**	3.048	06/15/2010 18:23	REAR END, TURN	$ 2500	0	0	0	0	1	1	1	1	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
89	**103220446**	3.069	07/26/2011 21:06	ANGLE	$ 3500	0	0	0	0	1	4	1	1	0	0	
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
90	**102945082**	3.200	08/11/2010 11:54	REAR END, TURN	$ 5500	0	0	0	1	1	1	1	2	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
91	**103001137**	3.200	10/25/2010 08:30	ANIMAL	$ 1000	0	0	0	0	1	1	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 45 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
92	**103223583**	3.200	07/14/2011 14:23	REAR END, SLOW OR STOP	$ 5000	0	0	0	3	1	1	1	1	4	13	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
93	**103754764**	3.200	05/12/2013 22:41	ANIMAL	$ 1200	0	0	0	0	1	4	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
94	**102847770**	3.201	04/07/2010 17:39	REAR END, SLOW OR STOP	$ 6700	0	0	2	1	1	1	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				16			**Obj Strk:**			
Unit	**3 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
95	**102991265**	3.220	10/16/2010 10:30	ANIMAL	$ 1000	0	0	0	0	1	1	1	2	0	13	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
96	**103010731**	3.220	10/24/2010 05:26	ANIMAL	$ 2500	0	0	0	0	1	4	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 38 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**		17	
97	**103516259**	3.920	07/11/2012 15:22	RAN OFF ROAD - LEFT	$ 3000	0	0	0	0	2	1	3	6	0	13	1
Unit	**1 :** 5	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		37	
98	**103111486**	4.180	03/14/2011 17:45	ANIMAL	$ 4500	0	0	0	0	1	1	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
99	**103694989**	4.355	02/13/2013 18:55	RAN OFF ROAD - RIGHT	$ 400	0	0	0	0	2	5	3	3	8	13	1
Unit	**1 :** 32	**Alchl/Drgs:**	7	**Speed:** 45 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		60	
100	**103341556**	4.440	12/09/2011 16:59	ANGLE	$ 9500	0	0	0	0	1	2	1	3	0		
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
101	**102866558**	4.580	05/07/2010 14:25	REAR END, TURN	$ 4500	0	0	0	1	1	1	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 27 MPH	**Dir:** NW	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** NW	**Veh Mnvr/Ped Actn:**				1		**Obj Strk:**				
102	**103097755**	4.580	02/13/2011 21:05	ANIMAL	$ 3000	0	0	0	0	1	4	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**			17	
103	**103651389**	4.580	01/04/2013 07:46	ANGLE	$ 4000	0	1	0	3	1	1	9	1	0	1	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** S	**Veh Mnvr/Ped Actn:**				8		**Obj Strk:**				
Unit	**2 :** 5	**Alchl/Drgs:**	0	**Speed:** 40 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				
104	**103553536**	4.890	08/23/2012 16:46	REAR END, SLOW OR STOP	$ 21500	0	0	2	3	1	1	1	2	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 45 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				11		**Obj Strk:**				
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1		**Obj Strk:**				
Unit	**3 :** 4	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1		**Obj Strk:**				
Unit	**4 :** 4	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1		**Obj Strk:**				
105	**103251549**	4.899	09/08/2011 13:44	REAR END, SLOW OR STOP	$ 6000	0	0	0	0	1	1	1	1	0	13	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1		**Obj Strk:**				
106	**103474056**	4.899	05/31/2012 19:10	ANGLE	$ 2800	0	0	0	0	1	1	1	2	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** NW	**Veh Mnvr/Ped Actn:**				8		**Obj Strk:**				
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				
107	**102711586**	4.904	10/03/2009 19:55	HEAD ON	$ 10000	0	0	0	1	1	4	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	1	**Speed:** 25 MPH	**Dir:** NW	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** SE	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				
108	**103246524**	4.921	08/22/2011 12:04	REAR END, SLOW OR STOP	$ 1100	0	0	0	0	1	1	1	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1		**Obj Strk:**				
Unit	**3 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1		**Obj Strk:**				
109	**103223586**	4.940	07/23/2011 16:24	ANGLE	$ 6500	0	0	0	0	1	1	1	3	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 45 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				4		**Obj Strk:**				

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
110	**102990941**	5.000	10/14/2010 08:17	ANGLE	$ 10000	0	0	0	0	2	1	3	1	0	1	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** SW	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
111	**104014018**	5.000	03/05/2014 19:45	REAR END, SLOW OR STOP	$ 600	0	0	0	0	1	5	1	1	0	1	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
112	**104019570**	5.038	12/19/2013 18:37	RIGHT TURN, SAME ROADWAY	$ 4500	0	0	0	1	1	1	1	1	0	0	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 20	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
113	**103734141**	5.142	03/14/2013 08:09	REAR END, SLOW OR STOP	$ 2100	0	0	0	0	1	1	1	2	0	13	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				7			**Obj Strk:**			
Unit	**2 :** 5	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
Unit	**3 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
114	**102927367**	5.180	07/06/2010 15:43	REAR END, SLOW OR STOP	$ 2300	0	0	0	1	1	1	1	1	0	3	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
115	**103000454**	5.180	10/18/2010 07:37	REAR END, SLOW OR STOP	$ 1000	0	0	0	1	1	1	1	1	0	4	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 25 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
116	**103032841**	5.180	11/27/2010 08:46	SIDESWIPE, SAME DIRECTION	$ 2700	0	0	0	0	1	3	1	2	0	3	2
Unit	**1 :** 5	**Alchl/Drgs:**	0	**Speed:** 30 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				5			**Obj Strk:**			
Unit	**2 :** 5	**Alchl/Drgs:**	0	**Speed:** 15 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
117	**104032997**	5.180	03/08/2013 16:34	UNKNOWN	$ 1400	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
118	**103728404**	5.180	03/28/2013 18:19	REAR END, SLOW OR STOP	$ 1000	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 10 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	A	B	C	Condition R	L	W	Road Ch	Ci	Trfc Ctl Dv	Op
119	**103779390**	5.180	06/04/2013 07:39	REAR END, SLOW OR STOP	$ 0	0	0	0	1	1	1	1	2	0	3	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
120	**103343779**	5.250	12/12/2011 06:52	ANIMAL	$ 7000	0	0	0	0	1	3	1	3	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
121	**102770062**	5.340	10/15/2009 10:36	REAR END, SLOW OR STOP	$ 4500	0	0	0	0	2	1	3	2	0	13	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**3 :** 1	**Alchl/Drgs:**	0	**Speed:** 5 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
122	**103324923**	5.840	12/09/2011 19:20	ANIMAL	$ 1000	0	0	0	0	1	5	1	1	0	0	
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		17	
123	**103387238**	5.874	02/10/2012 08:00	REAR END, SLOW OR STOP	$ 8000	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 2	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				11			**Obj Strk:**			
124	**103289809**	5.883	10/21/2011 08:06	REAR END, SLOW OR STOP	$ 1800	0	0	0	0	1	1	1	1	0	13	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 20 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
125	**103343606**	5.940	12/11/2011 15:37	RAN OFF ROAD - RIGHT	$ 1700	0	0	0	0	1	1	1	1	0	3	1
Unit	**1 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**		34	
126	**103807287**	5.940	06/24/2013 08:14	REAR END, SLOW OR STOP	$ 13000	0	0	0	4	1	1	1	2	0	13	1
Unit	**1 :** 5	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				1			**Obj Strk:**			
Unit	**3 :** 1	**Alchl/Drgs:**	0	**Speed:** 0 MPH	**Dir:** E	**Veh Mnvr/Ped Actn:**				8			**Obj Strk:**			
127	**103846280**	5.940	08/18/2013 19:30	ANGLE	$ 7000	0	0	0	3	1	1	1	2	0	3	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:** 45 MPH	**Dir:** W	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			
Unit	**2 :** 4	**Alchl/Drgs:**	0	**Speed:** 35 MPH	**Dir:** N	**Veh Mnvr/Ped Actn:**				4			**Obj Strk:**			

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Strip Analysis Report

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries F	Injuries A	Injuries B	Injuries C	Condition R	Condition L	Condition W	Road Ch	Road Ci	Trfc Ctl Dv	Trfc Ctl Op
128	**103373467**	5.980	01/24/2012 08:25	REAR END, SLOW OR STOP	$ 2100	0	0	0	0	2	1	3	1	0	13	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	10 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						
Unit	**2 :** 2	**Alchl/Drgs:**	0	**Speed:**	0 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	1	**Obj Strk:**						
Unit	**3 :** 32	**Alchl/Drgs:**	7	**Speed:**	0 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	1	**Obj Strk:**						
129	**103442154**	6.080	04/29/2012 15:20	LEFT TURN, DIFFERENT ROADWAYS	$ 6500	0	0	0	0	1	1	1	3	0	1	1
Unit	**1 :** 1	**Alchl/Drgs:**	0	**Speed:**	35 MPH	**Dir:**	SE	**Veh Mnvr/Ped Actn:**	8	**Obj Strk:**						
Unit	**2 :** 1	**Alchl/Drgs:**	0	**Speed:**	45 MPH	**Dir:**	W	**Veh Mnvr/Ped Actn:**	4	**Obj Strk:**						

Legend for Report Details:

Acc No - Accident Number
Injuries: F - Fatal, A - Class A, B - Class B, C - Class C
Condition: R - Road Surface, L - Ambient Light, W - Weather
Rd Ch - Road Character
Rd Ci - Roadway Contributing Circumstances
Trfc Ctl - Traffic Control: Dv - Device, Op - Operating
Alchl/Drgs - Alcohol Drugs Suspected
Veh Mnvr/Ped Actn - Vehicle Maneuver/Pedestrian Action
Obj Strk - Object Struck

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in and further representing this data.

Summary Statistics

High Level Crash Summary

Crash Type	Number of Crashes	Percent of Total
Total Crashes	129	100.00
Fatal Crashes	1	0.78
Non-Fatal Injury Crashes	32	24.81
Total Injury Crashes	33	25.58
Property Damage Only Crashes	96	74.42
Night Crashes	37	28.68
Wet Crashes	24	18.60
Alcohol/Drugs Involvement Crashes	2	1.55

Crash Severity Summary

Crash Type	Number of Crashes	Percent of Total
Total Crashes	129	100.00
Fatal Crashes	1	0.78
Class A Crashes	1	0.78
Class B Crashes	7	5.43
Class C Crashes	24	18.60
Property Damage Only Crashes	96	74.42

Vehicle Exposure Statistics

Annual ADT = 13400

Total Length = 4.474 (Miles) **7.2 (Kilometers)**

Total Vehicle Exposure = 109.47 (MVMT) **176.18 (MVKMT)**

Crash Rate	Crashes Per 100 Million Vehicle Miles	Crashes Per 100 Million Vehicle Kilometers
Total Crash Rate	117.84	73.22
Fatal Crash Rate	0.91	0.57
Non Fatal Crash Rate	29.23	18.16
Night Crash Rate	33.80	21.00
Wet Crash Rate	21.92	13.62
EPDO Rate	465.87	289.48

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Miscellaneous Statistics

Severity Index =	3.95
EPDO Crash Index =	510.00
Estimated Property Damage Total = $	489195.00

Accident Type Summary

Accident Type	Number of Crashes	Percent of Total
ANGLE	15	11.63
ANIMAL	12	9.30
FIXED OBJECT	3	2.33
HEAD ON	1	0.78
LEFT TURN, DIFFERENT ROADWAYS	16	12.40
LEFT TURN, SAME ROADWAY	9	6.98
OTHER COLLISION WITH VEHICLE	1	0.78
PEDESTRIAN	1	0.78
RAN OFF ROAD - LEFT	3	2.33
RAN OFF ROAD - RIGHT	3	2.33
REAR END, SLOW OR STOP	47	36.43
REAR END, TURN	4	3.10
RIGHT TURN, DIFFERENT ROADWAYS	4	3.10
RIGHT TURN, SAME ROADWAY	5	3.88
SIDESWIPE, SAME DIRECTION	4	3.10
UNKNOWN	1	0.78

Injury Summary

Injury Type	Number of Injuries	Percent of Total
Fatal Injuries	1	1.85
Class A Injuries	1	1.85
Class B Injuries	9	16.67
Class C Injuries	43	79.63
Total Non-Fatal Injuries	53	98.15
Total Injuries	54	100.00

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Monthly Summary

Month	Number of Crashes	Percent of Total
Jan	10	7.75
Feb	6	4.65
Mar	13	10.08
Apr	10	7.75
May	8	6.20
Jun	10	7.75
Jul	11	8.53
Aug	12	9.30
Sep	7	5.43
Oct	14	10.85
Nov	12	9.30
Dec	16	12.40

Daily Summary

Day	Number of Crashes	Percent of Total
Mon	21	16.28
Tue	14	10.85
Wed	17	13.18
Thu	20	15.50
Fri	23	17.83
Sat	17	13.18
Sun	17	13.18

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Hourly Summary

Hour	Number of Crashes	Percent of Total
0000-0059	1	0.78
0100-0159	0	0.00
0200-0259	0	0.00
0300-0359	0	0.00
0400-0459	1	0.78
0500-0559	5	3.88
0600-0659	1	0.78
0700-0759	9	6.98
0800-0859	11	8.53
0900-0959	1	0.78
1000-1059	4	3.10
1100-1159	10	7.75
1200-1259	14	10.85
1300-1359	5	3.88
1400-1459	8	6.20
1500-1559	9	6.98
1600-1659	8	6.20
1700-1759	10	7.75
1800-1859	9	6.98
1900-1959	7	5.43
2000-2059	4	3.10
2100-2159	9	6.98
2200-2259	3	2.33
2300-2359	0	0.00

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Light and Road Conditions Summary

Condition	Dry	Wet	Other	Total
Day	72	15	0	87
Dark	25	8	4	37
Other	4	1	0	5
Total	101	24	4	129

Object Struck Summary

Object Type	Times Struck	Percent of Total
ANIMAL	12	48.00
BRIDGE RAIL FACE	4	16.00
LUMINAIRE POLE BREAKAWAY	1	4.00
MAILBOX	1	4.00
OFFICIAL HIGHWAY SIGN NON-BREAKAWAY	1	4.00
OTHER FIXED OBJECT	1	4.00
PEDESTRIAN	3	12.00
UTILITY POLE	2	8.00

Vehicle Type Summary

Vehicle Type	Number Involved	Percent of Total
LIGHT TRUCK (MINI-VAN, PANEL)	6	2.39
MOTORCYCLE	3	1.20
OTHER	1	0.40
PASSENGER CAR	143	56.97
PEDESTRIAN	1	0.40
PICKUP	36	14.34
SPORT UTILITY	47	18.73
TRACTOR/SEMI-TRAILER	1	0.40
UNKNOWN	2	0.80
VAN	11	4.38

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Yearly Totals Summary

Accident Totals

Year	Total Accidents	Fatal Accidents	Injury Accidents	Property Damage Only Accidents
2009	7	0	2	5
2010	32	0	9	23
2011	30	0	6	24
2012	24	1	4	19
2013	23	0	8	15
2014	13	0	3	10
Total	129	1	32	96

Injury Totals

Year	Fatal Injuries	Class A, B, or C Injuries
2009	0	2
2010	0	14
2011	0	8
2012	1	9
2013	0	17
2014	0	3
Total	1	53

Miscellaneous Totals

Year	Property Damage	EPDO Index
2009	$ 33900	21.80
2010	$ 106175	98.60
2011	$ 131750	74.40
2012	$ 116750	129.40
2013	$ 64150	150.60
2014	$ 36470	35.20
Total	$ 489195	510.00

Type of Accident Totals

Year	Left Turn	Right Turn	Rear End	Run Off Road & Fixed Object	Angle	Side Swipe	Other
2009	1	1	4	0	0	0	1
2010	4	2	16	2	3	2	3

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Year	Left Turn	Right Turn	Rear End	Run Off Road & Fixed Object	Angle	Side Swipe	Other
2011	6	1	11	2	5	1	4
2012	8	1	7	2	2	1	3
2013	2	2	11	1	2	0	5
2014	4	2	2	2	3	0	0
Total	25	9	51	9	15	4	16

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Strip Diagram

Features	Milepost	Crash IDs
BEGIN STUDY	1.66	
	1.67	
	1.68	
	1.69	
	1.70	
	1.71	
SR 1112 | 33RD	1.72	103538511
	1.73	
	1.74	103323476
	1.75	
	1.76	
	1.77	
	1.78	
	1.79	
	1.80	
	1.81	
	1.82	
	1.83	
	1.84	
	1.85	
	1.86	
	1.87	
	1.88	
	1.89	
	1.90	
	1.91	
	1.92	
	1.93	
	1.94	
RAILROAD CROSSING	1.95	103026853 | 103128980
	1.96	
	1.97	
	1.98	
	1.99	
	2.00	
	2.01	
	2.02	
	2.03	104019472
	2.04	
	2.05	
	2.06	
	2.07	
	2.08	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	2.09	
	2.10	
SR 1215 | LION | LYNN STATION | WEST LYON STATION	2.11	102966916 | 103181460 | 103234607 | 103267577 | 103446507 | 103505837 | 103777714 | 103777718 | 104019485 | 104083362 | 104147920
	2.12	
	2.13	
	2.14	
	2.15	103369196 | 103626306 | 104019540 | 104143836
	2.16	
	2.17	
	2.18	
	2.19	
	2.20	103082844
	2.21	
	2.22	
I 85 | BRIDGE NO. 45	2.23	102789900 | 103063688 | 104083358
	2.24	104019539
	2.25	
	2.26	
	2.27	
	2.28	
	2.29	102778322 | 104019504 | 104019501
	2.30	
	2.31	102809864 | 102941315 | 103075606 | 103112673 | 103197287 | 103220443 | 103299200 | 104019529
	2.32	102772265
	2.33	
	2.34	103267574 | 104143791
	2.35	
	2.36	
	2.37	
	2.38	103637652 | 104143792 | 104143830 | 104143829
	2.39	
	2.40	103187668 | 103401774 | 103432545 | 104019542 | 104083339
	2.41	
	2.42	102973044
	2.43	
	2.44	102732623
	2.45	
	2.46	103631777
	2.47	
	2.48	102732633

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	2.49	
	2.50	
	2.51	
	2.52	
	2.53	102940038
SR 1108 | LION | LYNN STATION | EAST	2.54	102973040 | 103070391 | 103446435 | 103468271 |
LYON STATION		104019494 | 104019495 | 104083337 | 104019473 |
		103059633
	2.55	104083988 | 102939409
	2.56	
	2.57	102772267 | 102950241 | 102940016 | 102953349 |
		103035713 | 103159762 | 103163698 | 103417729 |
		103572780
	2.58	
	2.59	
	2.60	
	2.61	
	2.62	
	2.63	
	2.64	103430518
	2.65	
CAMPUS	2.66	102817405 | 103026857 | 103129261
	2.67	
	2.68	
	2.69	
CAPITAL	2.70	103355842 | 103002271
	2.71	103489567
	2.72	
	2.73	
	2.74	
	2.75	103149710
	2.76	
	2.77	
	2.78	
	2.79	
	2.80	
SR 1672 | WASHINGTON	2.81	102833098
	2.82	
	2.83	
	2.84	
	2.85	103102988
	2.86	
	2.87	103769166
	2.88	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
POND	2.89	103369183 | 104083350
	2.90	
	2.91	
	2.92	
	2.93	
	2.94	
	2.95	
	2.96	
	2.97	
	2.98	
	2.99	
	3.00	
	3.01	
	3.02	
	3.03	103620282
	3.04	
MILLSTREAM	3.05	102897042
	3.06	
	3.07	103220446
	3.08	
	3.09	
	3.10	
	3.11	
	3.12	
	3.13	
	3.14	
	3.15	
	3.16	
	3.17	
	3.18	
BIRCH	3.19	
	3.20	102945082 | 103001137 | 103223583 | 103754764 | 102847770
HOLLY	3.21	
ML-BUTNER | ML-CREEDMOOR	3.22	102991265 | 103010731
	3.23	
	3.24	
	3.25	
	3.26	
	3.27	
	3.28	
	3.29	
	3.30	
	3.31	
	3.32	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	3.33	
	3.34	
	3.35	
	3.36	
	3.37	
	3.38	
	3.39	
	3.40	
	3.41	
	3.42	
	3.43	
	3.44	
	3.45	
	3.46	
	3.47	
	3.48	
	3.49	
	3.50	
	3.51	
	3.52	
	3.53	
	3.54	
	3.55	
	3.56	
	3.57	
	3.58	
	3.59	
	3.60	
	3.61	
	3.62	
	3.63	
	3.64	
	3.65	
	3.66	
	3.67	
	3.68	
	3.69	
	3.70	
	3.71	
	3.72	
	3.73	
	3.74	
	3.75	
	3.76	
	3.77	
	3.78	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	3.79	
	3.80	
	3.81	
	3.82	
	3.83	
	3.84	
	3.85	
	3.86	
	3.87	
	3.88	
	3.89	
	3.90	
	3.91	
BRIDGE NO. 2	3.92	103516259
	3.93	
	3.94	
	3.95	
	3.96	
	3.97	
	3.98	
	3.99	
	4.00	
	4.01	
	4.02	
	4.03	
	4.04	
	4.05	
	4.06	
	4.07	
	4.08	
	4.09	
	4.10	
	4.11	
	4.12	
	4.13	
	4.14	
	4.15	
	4.16	
	4.17	
	4.18	103111486
	4.19	
	4.20	
	4.21	
	4.22	
	4.23	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	4.24	
	4.25	
	4.26	
	4.27	
	4.28	
	4.29	
	4.30	
	4.31	
	4.32	
	4.33	
	4.34	
	4.35	
	4.36	103694989
	4.37	
	4.38	
	4.39	
	4.40	
	4.41	
	4.42	
	4.43	
	4.44	103341556
CHARLES | RECOVERY	4.45	
	4.46	
	4.47	
	4.48	
	4.49	
	4.50	
	4.51	
	4.52	
	4.53	
	4.54	
	4.55	
	4.56	
	4.57	
SR 1127 | BROGDEN | STEM	4.58	102866558 | 103097755 | 103651389
	4.59	
	4.60	
	4.61	
	4.62	
	4.63	
	4.64	
	4.65	
	4.66	
	4.67	
	4.68	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	4.69	
	4.70	
	4.71	
	4.72	
	4.73	
	4.74	
	4.75	
	4.76	
	4.77	
	4.78	
	4.79	
	4.80	
	4.81	
	4.82	
	4.83	
	4.84	
	4.85	
	4.86	
	4.87	
	4.88	
PINE	4.89	103553536
	4.90	103251549 | 103474056 | 102711586
	4.91	
	4.92	103246524
	4.93	
US 15 | SR 1736 | DURHAM	4.94	103223586
	4.95	
	4.96	
	4.97	
	4.98	
	4.99	
US 15 | NC 50 | DURHAM | WILTON	5.00	102990941 | 104014018
	5.01	
	5.02	
	5.03	
	5.04	104019570
	5.05	
	5.06	
	5.07	
	5.08	
	5.09	
	5.10	
	5.11	
	5.12	
	5.13	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	5.14	103734141
	5.15	
	5.16	
	5.17	
NC 50 | SR 1639 | MAIN	5.18	102927367 | 103000454 | 103032841 | 104032997 | 103728404 | 103779390
	5.19	
	5.20	
	5.21	
	5.22	
	5.23	
DOUGLAS	5.24	
	5.25	103343779
	5.26	
	5.27	
	5.28	
	5.29	
	5.30	
	5.31	
	5.32	
	5.33	
	5.34	102770062
	5.35	
	5.36	
	5.37	
	5.38	
	5.39	
	5.40	
	5.41	
	5.42	
	5.43	
	5.44	
	5.45	
	5.46	
	5.47	
CEMETARY	5.48	
	5.49	
	5.50	
	5.51	
	5.52	
	5.53	
	5.54	
	5.55	
	5.56	
	5.57	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	5.58	
	5.59	
	5.60	
	5.61	
	5.62	
	5.63	
	5.64	
	5.65	
	5.66	
	5.67	
	5.68	
	5.69	
	5.70	
	5.71	
	5.72	
	5.73	
	5.74	
	5.75	
	5.76	
CRESCENT HEIGHTS	5.77	
	5.78	
	5.79	
	5.80	
	5.81	
	5.82	
	5.83	
	5.84	103324923
	5.85	
	5.86	
	5.87	103387238
	5.88	103289809
	5.89	
	5.90	
	5.91	
	5.92	
	5.93	
SR 1640 | SR 1733 | CRESCENT | HAWLEY SCHOOL	5.94	103343606 | 103807287 | 103846280
	5.95	
	5.96	
	5.97	
	5.98	103373467
	5.99	
	6.00	
	6.01	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Features	Milepost	Crash IDs
	6.02	
SR 1729 | BOWMAN	6.03	
	6.04	
ASCOT	6.05	
	6.06	
	6.07	
DARDEN	6.08	103442154
	6.09	
	6.10	
	6.11	
	6.12	
	6.13	
END STUDY	6.14	

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

Study Criteria

Study Name	Log No.	PH No.	TIP No.	K/A Cf.	B/C Cf.	ADT	ADT Route
41000032161				76.8	8.4	13400	30000056

Request Date	Courier Service	Phone No.	Ext.	Fax No.

County			Municipality					
Name	Code	Div.	Name	Code	Y-Line Ft.	Begin Date	End Date	Years
GRANVILLE	38	5	All and Rural		0	10/1/2009	9/30/2014	5.00

Location Text

NC 56 from 300 ft. west of 33rd St. (SR 1112) to 300 ft. east of Darden Dr.

Requestor

Included Accidents	Old MP	New MP	Type
102711586		4.904	I
102732623		2.44	I
102732633		2.483	I
102770062		5.34	I
102772265		2.315	I
102772267		2.574	I
102778322		2.29	I
102789900		2.23	I
102809864		2.306	I
102817405		2.66	I
102833098		2.81	I
102847770		3.201	I
102866558		4.58	I
102897042		3.048	I
102927367		5.18	I
102939409		2.548	I
102940016		2.574	I
102940038		2.529	I
102941315		2.306	I
102945082		3.2	I
102950241		2.574	I
102953349		2.574	I
102966916		2.11	I
102973040		2.54	I
102973044		2.423	I
102990941		5	I

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

102991265	3.22	I
103000454	5.18	I
103001137	3.2	I
103002271	2.7	I
103010731	3.22	I
103026853	1.95	I
103026857	2.66	I
103032841	5.18	I
103035713	2.574	I
103059633	2.544	I
103063688	2.23	I
103070391	2.54	I
103075606	2.306	I
103082844	2.202	I
103097755	4.58	I
103102988	2.854	I
103111486	4.18	I
103112673	2.306	I
103128980	1.95	I
103129261	2.66	I
103149710	2.753	I
103159762	2.574	I
103163698	2.574	I
103181460	2.11	I
103187668	2.401	I
103197287	2.306	I
103220443	2.306	I
103220446	3.069	I
103223583	3.2	I
103223586	4.94	I
103234607	2.11	I
103246524	4.921	I
103251549	4.899	I
103267574	2.34	I
103267577	2.11	I
103289809	5.883	I
103299200	2.306	I
103323476	1.74	I
103324923	5.84	I
103341556	4.44	I

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

103343606	5.94	I
103343779	5.25	I
103355842	2.698	I
103369183	2.89	I
103369196	2.148	I
103373467	5.98	I
103387238	5.874	I
103401774	2.401	I
103417729	2.574	I
103430518	2.64	I
103432545	2.401	I
103442154	6.08	I
103446435	2.54	I
103446507	2.11	I
103468271	2.54	I
103474056	4.899	I
103489567	2.709	I
103505837	2.11	I
103516259	3.92	I
103538511	1.72	I
103553536	4.89	I
103572780	2.574	I
103620282	3.031	I
103626306	2.148	I
103631777	2.458	I
103637652	2.382	I
103651389	4.58	I
103694989	4.355	I
103728404	5.18	I
103734141	5.142	I
103754764	3.2	I
103769166	2.871	I
103777714	2.11	I
103777718	2.11	I
103779390	5.18	I
103807287	5.94	I
103846280	5.94	I
104014018	5	I
104019472	2.03	I
104019473	2.542	I

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.

104019485	2.11	I
104019494	2.54	I
104019495	2.54	I
104019501	2.29	I
104019504	2.29	I
104019529	2.306	I
104019539	2.24	I
104019540	2.148	I
104019542	2.401	I
104019570	5.038	I
104032997	5.18	I
104083337	2.54	I
104083339	2.401	I
104083350	2.89	I
104083358	2.23	I
104083362	2.11	I
104083988	2.546	I
104143791	2.34	I
104143792	2.382	I
104143829	2.382	I
104143830	2.382	I
104143836	2.148	I
104147920	2.11	I

Fiche Roads

Name	Code
I 1	10000001
NC 56	30000056
C	50004516
BUTNER CREEDMOOR	50034401
LAKE	50016874
WILTON	50033216

Strip Road

Name	Code	Begin MP	End MP	Miles	Kilometers
I 1	10000001	1.663	6.137	4.474	7.200

All data presented in this report comes explicitly from the Traffic Engineering Accident Analysis System based upon va
criteria provided by the report's creator. The onus is strictly upon the user of this report to exercise due diligence in in
and further representing this data.