

NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD

2010 PERFORMANCE OF
HIGH-OCCUPANCY VEHICLE
FACILITIES ON FREEWAYS IN THE
WASHINGTON REGION

September 7, 2011

The preparation of this report was financially aided through grants from the District of Columbia Department of Transportation; Maryland Department of Transportation; Virginia Department of Transportation; U.S. Department of Transportation, Federal Highway Administration; and the U.S. Department of Transportation, Federal Transit Administration, under the Federal Transit Act. The material herein does not necessarily reflect the views of the sponsoring agencies.

ABSTRACT FORM

TITLE: 2010 PERFORMANCE OF REGIONAL HIGH-OCCUPANCY VEHICLE FACILITIES ON FREEWAYS IN THE WASHINGTON REGION	DATE: September 7, 2011 NUMBER OF PAGES: 269
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AGENCY:	The Metropolitan Washington Council of Governments is the regional organization of the Washington area's major local governments and their governing officials. COG works towards solutions to such problems as growth, transportation, inadequate housing, air pollution, water supply, water quality, economic development and noise, and serves as the regional planning organization for Metropolitan Washington.
REPORT ABSTRACT:	This report contains a summary of data collected from high occupancy vehicle (HOV) facilities located along freeways in the Washington, D.C. metropolitan region.
SUBJECT:	2010 Performance of Regional High Occupancy Vehicle Facilities on Freeways in the Washington Region
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EXECUTIVE SUMMARY

Presented in this report is information developed from data collected in spring 2010 along five operational high occupancy vehicle (HOV) corridors in the Washington region. Data were collected from 5 A.M. to 10 A.M. during the inbound peak flow direction and 3 P.M. to 8 P.M. during the outbound peak flow direction. HOV lanes are operational in the following corridors as of spring 2010:

- I-95/I-395 (Shirley Highway) in Arlington County, the City of Alexandria, Fairfax County, and Prince William County (fully barrier separated HOV lanes)
- I-66 inside I-495 (the Capital Beltway) in Fairfax and Arlington Counties (exclusive HOV facility in the peak commute direction during the peak commute period)
- I-66 outside the Beltway in Fairfax and Prince William Counties (concurrent flow HOV lanes)
- I-270 (and the I-270 Spur) in Montgomery County, Maryland (concurrent flow HOV lanes)
- VA 267 (Dulles Toll Road), in Fairfax County which has a concurrent flow HOV lane
- U.S. 50 (John Hanson Highway) in Prince George's County, Maryland (concurrent flow HOV lane)

Most comparisons are made with results obtained from the previous Regional HOV Facilities Monitoring reports for 1997, 1998, 1999, 2004, and 2007.

Trends and changes are emphasized for the HOV restricted periods both inbound and outbound. The following major trends were observed:

- During Spring 2010, all of the HOV lanes required fewer cars to carry more persons per lane during the HOV restricted periods than adjacent non-HOV lanes making the HOV lanes more efficient at moving people to their destinations;
- Most of the HOV lanes provide travel time savings when compared to non-HOV alternatives, especially the barrier separated HOV lanes in the I-95/I-395 corridor in Northern Virginia; and
- Average auto occupancy in 2010 was little-changed from 2004 and 2007, even though the HOV lanes in Northern Virginia continue to exempt vehicles with "Clean Special Fuel Vehicle" registration plates from the HOV requirement.

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I. INTRODUCTION

High occupancy vehicle (HOV) facilities are designed to offer several advantages over conventional lanes and roads. HOV facilities can:

- Increase the average number of persons per motor vehicle using a highway over conventional (non-HOV) lanes or roadways
- preserve the person moving capacity of a lane or roadway as demands for transportation capacity increase
- enhance bus transit operations
- support air quality goals; serve a variety of employment centers in urban and suburban areas
- provide predictable travel times even during periods of high demand for highway capacity

In the Washington area, there are five high occupancy vehicle (HOV) facilities on highways functionally classified as freeways. These are:

- I-95/I-395 in the Northern Virginia counties of Prince William, Fairfax and Arlington, and the City of Alexandria
- I-66, also in the Virginia counties of Prince William, Fairfax and Arlington (this HOV system includes a section of the Dulles Connector in McLean, connecting to VA 267's HOV lanes (see below))
- I-270 and the I-270 Spur in Montgomery County, Maryland
- VA 267, connecting to I-66 via the Dulles Connector
- U.S. 50 in Prince George's County, Maryland

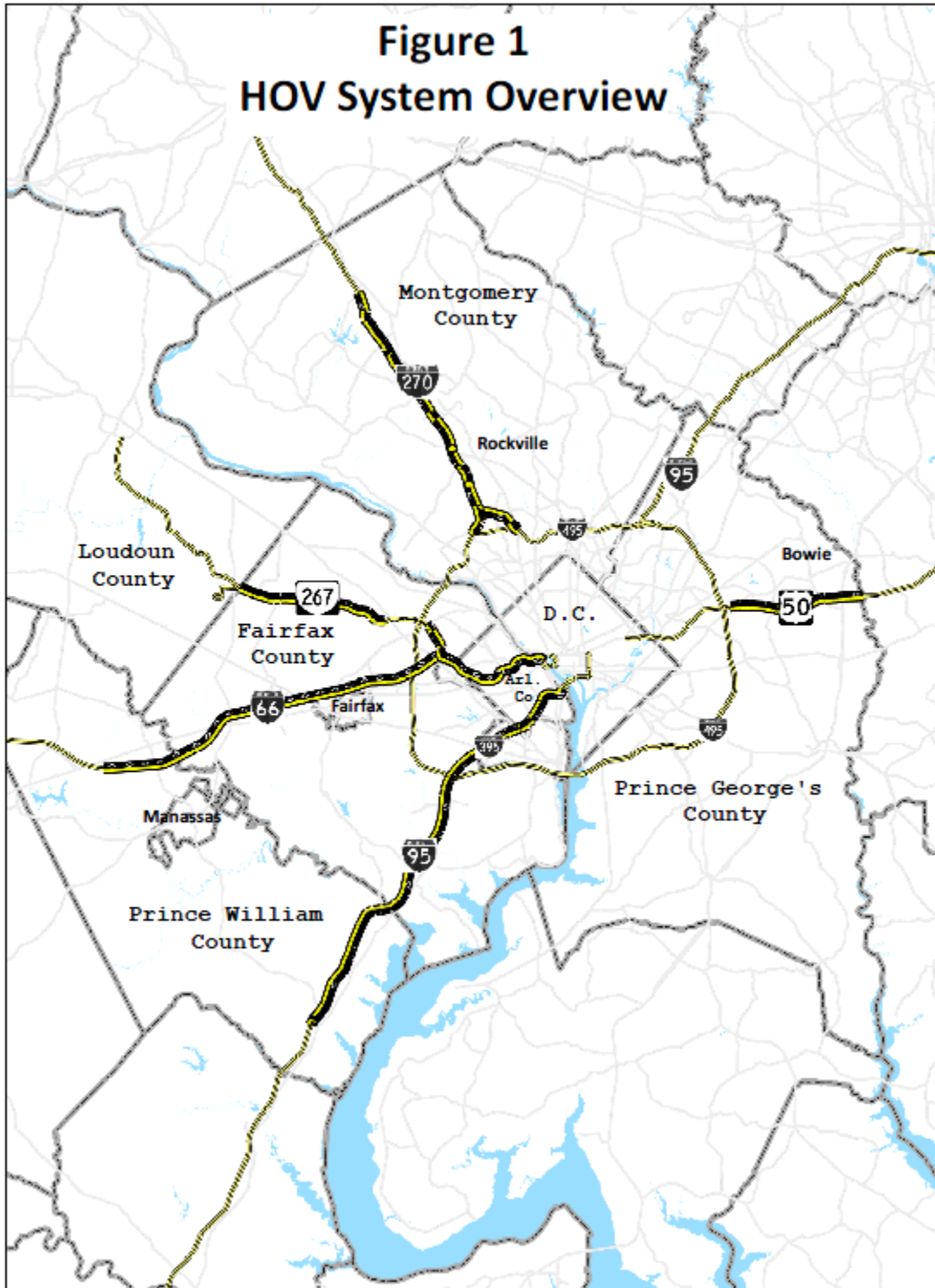
The I-95/I-395 and I-66 HOV facilities provide direct access to core employment centers of the region in Arlington County and the District of Columbia. I-270 and the I-270 Spur end at the Capital Beltway (I-495) and the U.S. 50 HOV lanes end just prior to the Beltway. VA 267's HOV system connects directly to I-66, providing access to the regional core from the Dulles Toll Road Corridor. A map of all five facilities is shown in Figure 1. There are arterial HOV lanes and bus only shoulder treatments in the region, but these facilities are beyond the scope of this report. This report contains data collected during the Spring of 2010. Vehicle occupancy and classification counts, as well as the results of

travel time runs are documented in this report. Previous reports have documented conditions on the HOV system in fall 1997, 1998, 1999, 2004, and 2007. Comparisons are given in this report between HOV performance in 2010 and performance in these previous years.

This report is organized as follows:

A history of HOV in the Washington metropolitan area is presented in Chapter II; a description of the HOV corridors is given in Chapter III; a description of the methodology used to collect data for this report is found in Chapter IV; the performance of each of the HOV facilities is presented in Chapter V; conclusions are presented in Chapter VI; detailed summaries of person movements in the A.M. peak direction at stations along the five corridors are contained in Appendix A; similar data for the P.M. peak direction are in Appendix B; A.M. travel time run data are contained in Appendix C; P.M. travel time run data are contained in Appendix D; count locations are described in Appendix E; the counting methodology is described in Appendix F; a summary of van-pool monitoring methodology (and van load factor) is contained in Appendix G; the travel time data collection methodology is described in Appendix H; and a glossary of terms and abbreviations used in this report can be found in Appendix I.

Figure 1



II. BRIEF HISTORY OF HOV IN THE WASHINGTON REGION

Car-pooling has a long history in the Washington region, going at least as far back as World War II, when pooling by office workers in Washington was encouraged as a way of preserving scarce petroleum, rubber, and other resources for the war effort.

Since the gasoline shortages of the early 1970s, COG/TPB has provided an automated matching service for carpools and vanpools through its Commuter Connections program. Signs with Commuter Connections' telephone number have been placed along all five HOV corridors.

In 1969, a bus-on-freeway demonstration project began on the Shirley Highway (now known as I-395 north of the Capital Beltway and I-95 south of the Beltway), linking the Springfield area of Fairfax County and intermediate points in the corridor such as western Alexandria and Shirlington to core employment areas in Arlington and downtown Washington. Initially limited to buses only, the barrier separated lanes opened to carpools and vanpools in 1975, with a restriction of HOV-4¹, which was reduced to HOV-3 in 1989. During the early and mid-1990s, the barrier separated HOV lanes were extended from Springfield south along I-95 to their present terminus just south of VA 234 near Dumfries in Prince William County.

In 1982, I-66 was opened to traffic between the Capital Beltway (I-495) and Rosslyn, in Arlington County, as a multi-modal facility limited to high occupancy vehicles in the peak commute direction during periods of peak demand. The facility was initially restricted to HOV-4 traffic, which was lowered to HOV-3 in late 1983 and to HOV-2 in March 1995. During the 1990s, I-66 outside the Beltway was expanded to include a concurrent flow HOV lane to VA 234 Business in Prince William County just north of Manassas.

¹ HOV restrictions are denoted by the number of occupants required in the vehicle for permitted travel on the facility: HOV-4 means four or more occupants (including the driver) must be present in the vehicle to travel on the facility during restricted times.

The first HOV lane on an Interstate highway in Maryland opened along the northbound lanes in the P.M. peak direction of I-270 between the Capital Beltway/Rockville Pike (I-495/MD 355) interchange and the I-270 Spur in 1993. A southbound HOV lane in the A.M. peak direction was opened along this segment in 1994. In December 1996, a conventional lane was converted to HOV use in the southbound direction from I-370/Sam Eig Highway to the I-270 "split" in North Bethesda. Northbound, a conventional lane was converted to HOV from the "split" to Germantown Road (MD 118) at Germantown, and a new lane for HOV use was opened from MD 118 to Clarksburg Road (MD 121) at Clarksburg. New HOV lanes were also opened in both directions on the I-270 Spur, along with direct access HOV ramps that eliminate the need for HOV traffic to weave across the non-HOV lanes. Except for the direct HOV ramps at the I-270 "split," HOV lanes along the I-270 corridor are concurrent flow. In 2004, a new ramp connecting the southbound HOV lane of the I-270 Spur (in A.M.) and the northbound HOV lane of the Spur (in P.M.) was completed and opened to traffic.

HOV lanes were opened on VA 267 in December 1998, and a large park-and-ride garage was opened adjacent to VA 267 in Herndon.

Concurrent flow HOV lanes were opened on a 7.8-mile stretch of U.S. 50 in October 2002. These are the only HOV lanes in the region which are HOV-restricted 24 hours a day, 7 days a week.

III. DESCRIPTION OF THE HOV CORRIDORS

This chapter presents summaries of physical characteristics and operational policies effective in the spring of 2010. All corridors have an extensive system of park-and-ride lots to support carpool formation.² In some cases, these lots are located a considerable distance beyond the "outer" termini of the HOV lanes. Other park-and-ride lots are located in the right-of-way of the freeway, and some lots in the I-95/I-395 corridor feature direct HOV-only access ramps to the barrier-separated HOV lanes. There are two HOV-only ramps along I-66 west of the Beltway, at Monument Drive and at Stringfellow Road. The I-270 Spur has HOV-only lanes at Westlake Drive in North Bethesda.

A description of the operating characteristics for all of the HOV facilities monitored is presented in Table 1.

²Please see the Commuter Connections website for a detailed description of lot locations, capacities, and transportation options for each of them.
<http://www.mwcog.org/commuter2/commuter/ridesharing/prlocations.html>

Table 1

2010 HOV Facility Summary							
Facility Route Number(s) and Name	Length	Facility Description	Occupancy Requirement	Hybrid Exemption	A.M. HOV Restricted Period and Direction	P.M. HOV Restricted Period and Direction	Truck Restrictions
I-95/I-395 Shirley Highway	28 miles	2 lanes, barrier-separated, reversible	3	Yes	6:00 to 9:00 (North)	3:30 to 6:00 (South)	Permitted with Occupancy Compliance North of Dale City (Exit 156), Prohibited South of Dale City
I-66	28 miles (HOV lane extension to Va. 234 Bypass)	1 Lane Concurrent Flow Outside of the Beltway, 2 Lane exclusive HOV facility inside the Beltway	2	Yes	5:30 to 9:30 AM Outside Beltway; 6:30 to 9:00 AM Inside Beltway (East)	3:00 to 7:00 PM Outside Beltway; 4:00 to 6:30 PM Inside Beltway (West)	Prohibited
I-270	9 miles Southbound; 18 miles Northbound	1 Lane Concurrent Flow	2	No	6:00 to 9:00 AM (South)	3:30 to 6:30 PM (North)	Prohibited
Va. 267 Dulles Toll Road	23 miles (includes Dulles Connector Road and I-66 from Rosslyn to Dulles Connector)	1 Lane Concurrent Flow	2	Yes	6:30 to 9:00 AM (East)	4:00 to 6:30 PM (West)	Permitted with Occupancy Compliance outside Beltway
U.S. 50	9 miles	1 Lane Concurrent Flow	2	No	HOV-2 restriction in effect 24 hours/day, 7 days/week (West and East)		Prohibited

Note: Motorcycles are permitted on all HOV restricted facilities

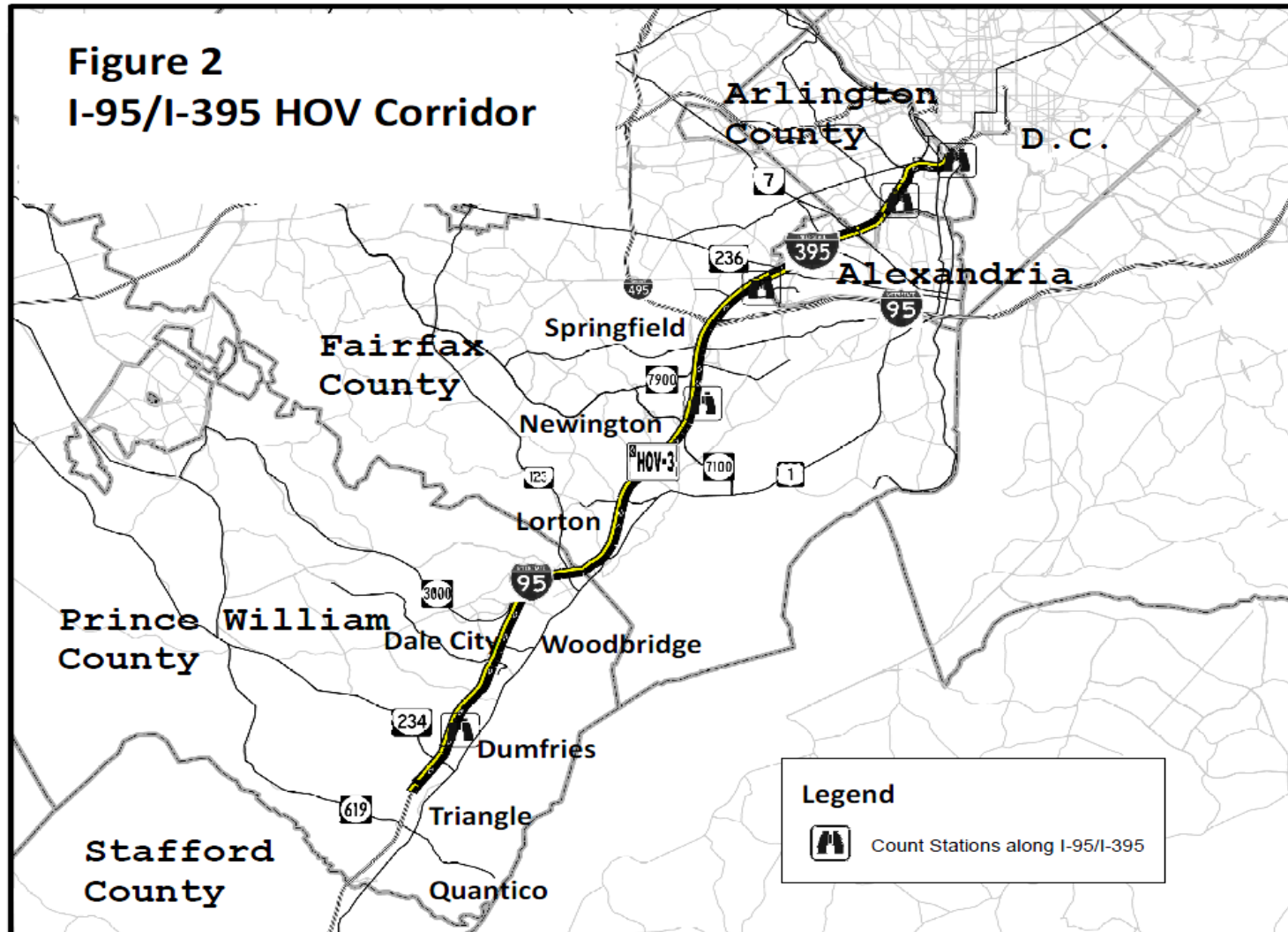
I-395/I-95

The I-395/95 corridor HOV lanes require at least 3 people in a vehicle to satisfy the occupancy requirement between 6 and 9 A.M. and 3:30 and 6 P.M. The HOV lanes in this corridor are entirely barrier separated and reversible; they serve A.M. peak period northbound movements and operate southbound in the P.M. peak period. The HOV roadway is about 27 miles long, extending from Dumfries Road (VA 234) near Dumfries, Prince William County to South Eads Street near the Pentagon in Arlington County. The Horner Road park-and-ride lot in Prince William County provides direct access onto the HOV lanes as does a special ramp from the Prince William County Parkway. At the northern end of the facility, HOV-only ramps are provided to traffic arriving at the Pentagon and the Pentagon City area of Arlington.

There is approximately one mile of barrier separated roadway north of the Pentagon, crossing the 14th Street Bridge into the District of Columbia, but no HOV restrictions currently apply to this portion of the facility.³ A map of the corridor is presented in Figure 2. The corridor is also served by the Virginia Railway Express (VRE) Fredericksburg Line. The Washington Metropolitan Area Transit Authority (WMATA) Metrorail Blue Line terminates in the corridor at Franconia Springfield. Numerous bus lines serve the corridor, including Metrobus, the City of Alexandria's DASH, the Fairfax Connector, PRTC OmniRide, and private motor coach companies serving communities in Stafford and Spotsylvania Counties and the City of Fredericksburg.

³ HOV restrictions on the I-395 express lanes in the District of Columbia were removed in the late 1980's.

Figure 2

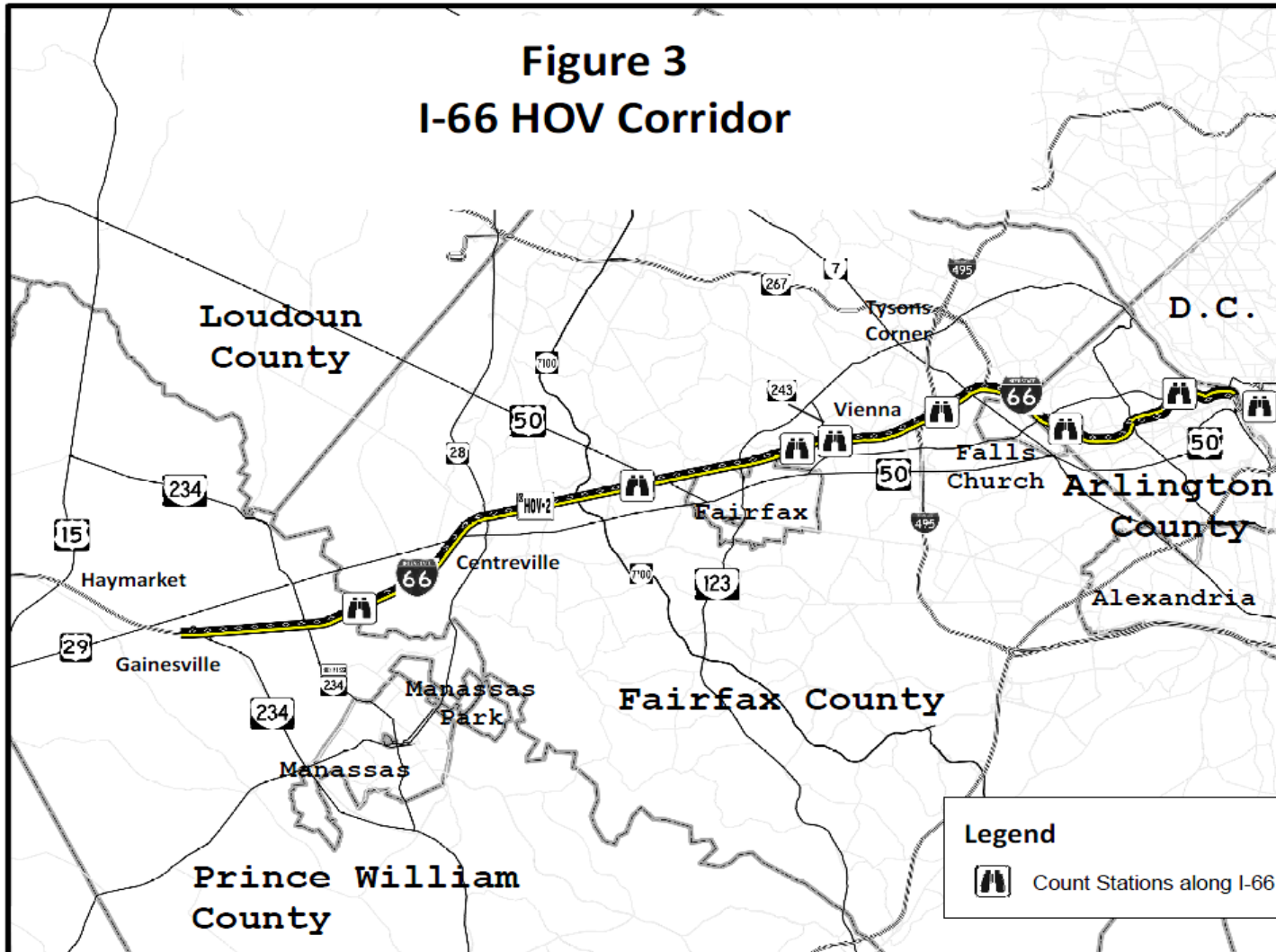


I-66

This HOV corridor consists of two distinct sections. Between I-495 and Rosslyn, I-66 is restricted to HOV use only during the peak commute period in the peak direction with a requirement of at least two persons per vehicle. The Dulles Connector Road is subject to the same HOV restrictions as I-66 between Dolley Madison Boulevard (VA 123) at McLean and I-66. Single occupant vehicles (SOVs) traveling to or from Dulles Airport via the Dulles Connector and Dulles Access Road may use I-66, even during its HOV restricted times. Between VA 234 Business near Manassas and the Beltway, the HOV facility is a concurrent flow lane also requiring at least two persons per vehicle. The entire HOV corridor is about 27 miles in length, about 9 miles inside the Beltway and 18 miles outside the Beltway. The A.M. restricted period extends from 5:30 to 9:30 outside the Beltway and 6:30 to 9 inside the Beltway. During the P.M. restricted period, HOV requirements extend from 3 to 7:00 outside the Beltway and 4 to 6:30 inside the Beltway.

Direct access to employment centers in the District of Columbia is provided via the Theodore Roosevelt Bridge over the Potomac River. No HOV restrictions apply along I-66 east of Rosslyn, nor in the District of Columbia. A map of the corridor is presented in Figure 3. The Metrorail Orange Line uses the median of I-66 between Nutley Street (VA 243) south of Vienna and Fairfax Drive in Arlington. Four rail transit stations serve this section of the Orange Line: Vienna/Fairfax-GMU (the current terminal station), Dunn Loring/Merrifield, West Falls Church-VT/UVA, and East Falls Church. Metrobus service feeding the Vienna Metro stop operates along I-66 west of Vienna. The Virginia Railway Express Manassas Line also serves the I-66 corridor. PRTC OmniRide buses, coach service operated on behalf of Loudoun County, and private bus service use the I-66 corridor.

Figure 3



VA 267 (Dulles Toll Road)

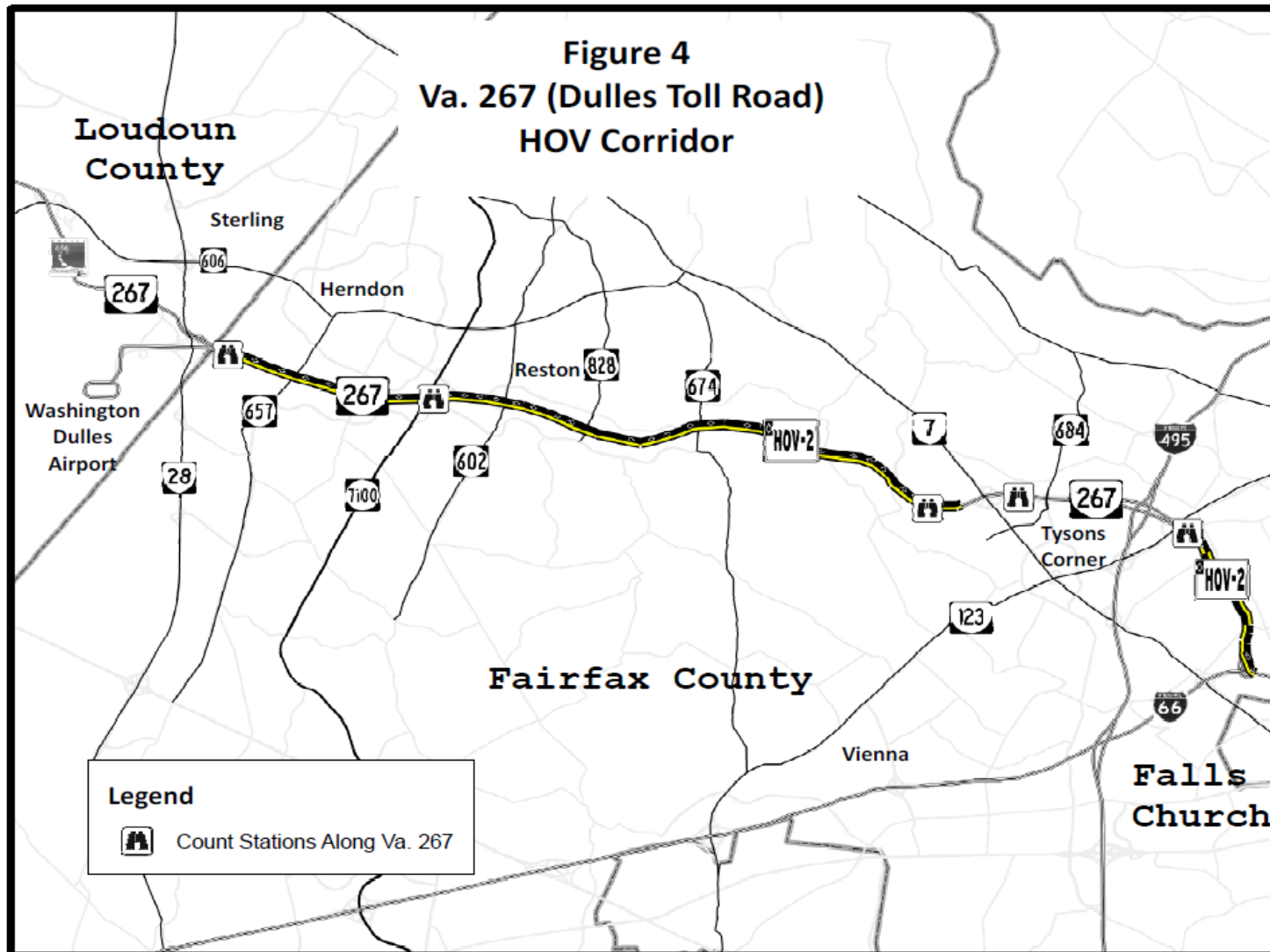
Concurrent flow HOV lanes operate along this corridor from a point between Sully Road (VA 28) and Centreville Road (VA 657) to just west of Leesburg Pike (VA 7). There are no HOV lanes through the interchanges at VA 7, the main toll plaza, Spring Hill Road (VA 684), I-495 and VA 123. HOV restrictions apply to all lanes of the Dulles Connector road from east of VA 123 to I-66. Fairfax Connector provides most transit bus service in the corridor, with the Loudoun County Commuter Express providing commuter bus service from Loudoun County to the Metro Core area (including stops in Rosslyn, Arlington County and downtown Washington, D.C.).⁴ WMATA operates the route 5A Metrobus service between Washington Dulles International Airport and the L'Enfant Plaza Metrorail station, with intermediate stops at the Herndon/Monroe Park and Ride, the Tysons-Westpark Transit Station, and the Rosslyn Metrorail station.

The HOV lanes require at least two persons per vehicle and the requirement is from 6:30 A.M. to 9:00 A.M. and from 4:00 P.M. to 6:30 P. M. Figure 4 contains a map of the Dulles Toll Road corridor.

4

By special arrangement with the Metropolitan Washington Airports Authority (MWAA), some buses serving the corridor are permitted to use the Dulles Access Road (normally restricted to airport traffic only).

Figure 4



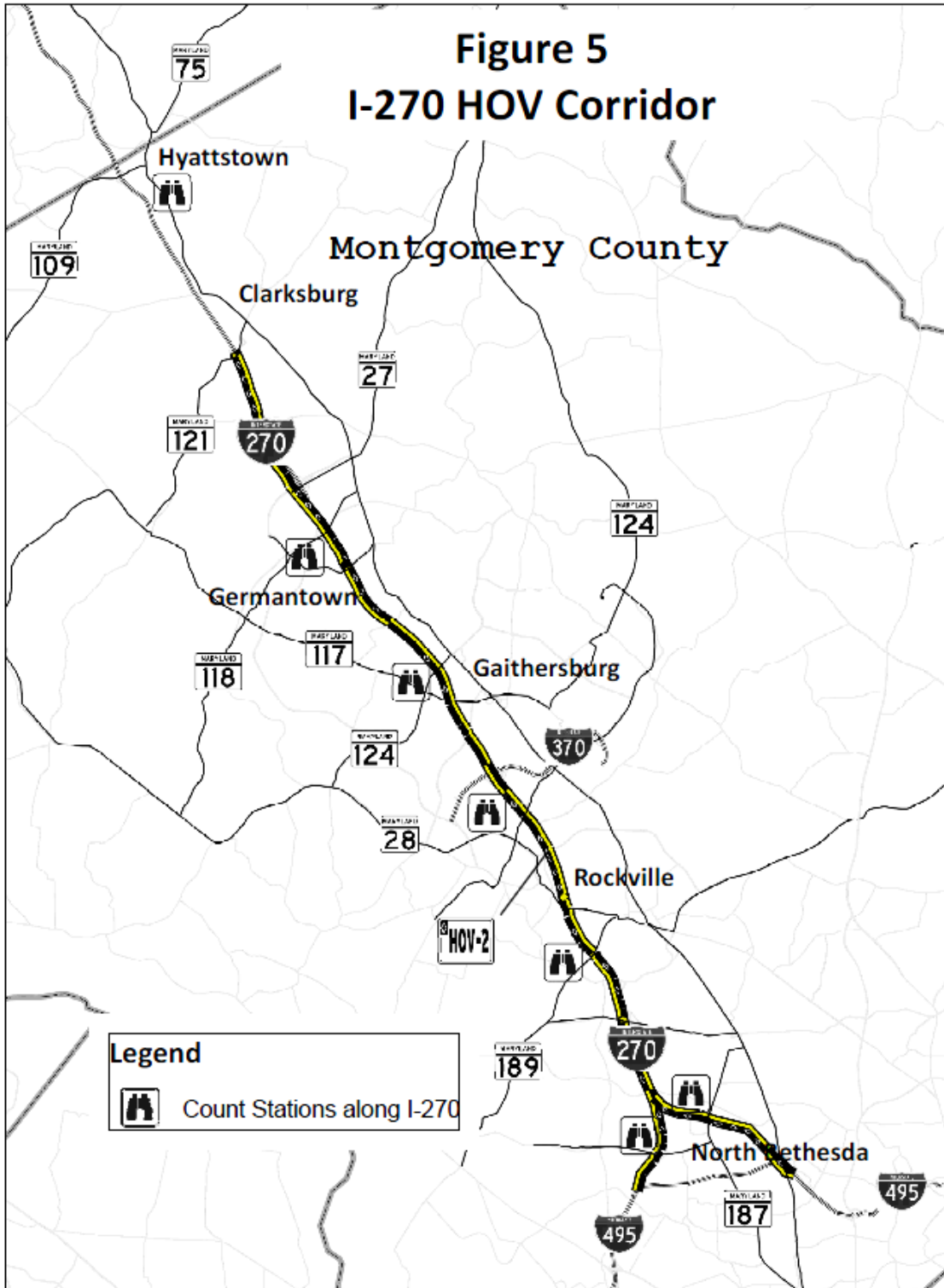
I-270

In the southbound (A.M. peak) direction, the HOV concurrent flow lane runs from I-370 near Gaithersburg south to the Rockville Pike/Capital Beltway interchange. There is also a concurrent flow HOV lane along the southbound lanes of the I-270 Spur. Together, the A.M. peak flow direction lanes total about 11 miles in length. The I-270 Spur is less than 2 miles long. The HOV restriction is from 6 to 9 A.M. and requires at least two persons per vehicle.

In the northbound (P.M. peak) direction, concurrent flow HOV lanes exist along the entire northbound I-270 Spur, and along I-270 from its southern terminus at I-495/Md. 355 to I-370 (the same sections of the corridor having HOV lanes southbound). Additionally, there are about 7.5 miles of HOV lane between I-370 and MD 121 near Clarksburg. The HOV-2 restriction extends from 3:30 to 6:30 P.M. A map of the I-270 corridor is shown in Figure 5.

The Metrorail Red Line serves the I-270 corridor from Shady Grove (terminal station accessible from I-370), and continues south to Bethesda and on to the downtown area of the District of Columbia. The Maryland Transit Administration's (MTA) MARC Brunswick Line also serves several stops in this corridor, and continues south to Silver Spring and on to Union Station in the District of Columbia. Montgomery County's Ride-On bus serves areas in the corridor north of I-370, and MTA coach service (between Hagerstown, Frederick, and Shady Grove), use the HOV lanes. Express Metrobus service operates on the HOV lanes in the corridor between Bethesda and Gaithersburg.

Figure 5



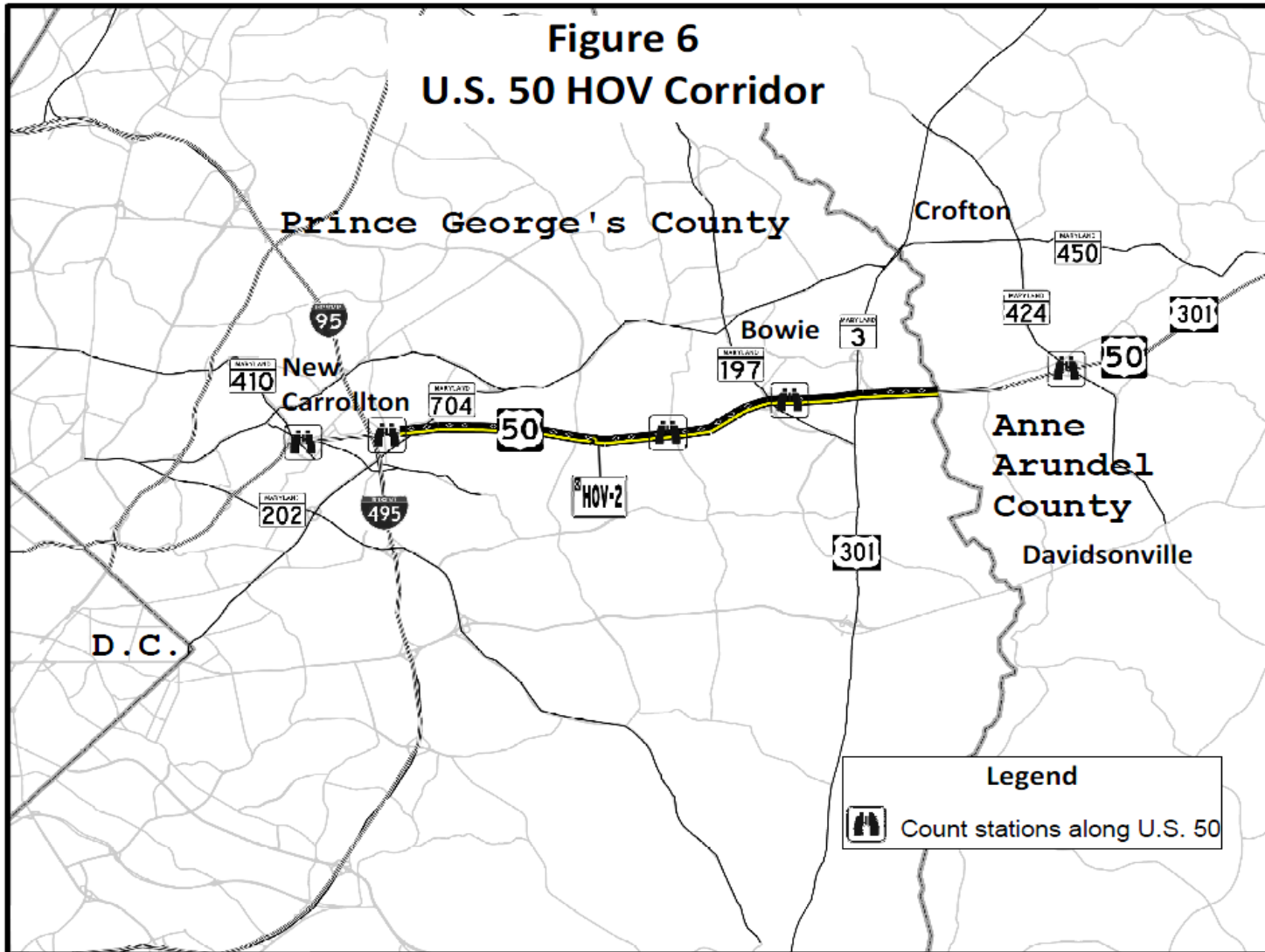
U.S. 50

Concurrent flow HOV lanes operate on U.S. 50 (John Hanson Highway) from just west of the Martin Luther King Highway (MD 704) interchange to east of the U.S. 301/MD 3 interchange in Bowie. Unlike all other HOV lanes in the region, these lanes are HOV-2 restricted at all times (24 hours, 7 days) in both directions.

Both WMATA and MTA operate buses on the U.S. 50 HOV lanes. To the east, the buses serve the City of Bowie in Prince George's County, the Annapolis and Crofton areas of Anne Arundel County and Kent Island, Queen Anne's County (east of the Bay Bridge). All WMATA buses operating westbound in the corridor terminate at the New Carrollton rail station. Some MTA buses serve the downtown area of the District of Columbia, others terminate at New Carrollton.

Figure 6 depicts the HOV lanes in the US 50 corridor.

Figure 6



IV. METHODOLOGY

The information in this report is multi-modal so that comparisons between the HOV, SOV and transit modes may be made. Data were collected for HOV lanes and adjacent non-HOV lanes, bus transit operating on the HOV lanes, and rail transit operating on the facility (e.g., Metrorail Orange Line along I-66).

Data collection was limited Tuesdays, Wednesdays, and Thursdays only. No data collection took place in weeks prior to, during, and after the Passover and Easter holidays, nor during the public school spring breaks. Data collection was deferred if the weather forecast predicted steady rainfall, or if a serious freeway incident affected traffic operations. The reader is cautioned that count data presented in this document are based on one day counts, which may vary significantly from day to day.

Occupancy/Classification Counts

These data were collected at a series of locations along each HOV corridor. Temporary personnel were hired and trained to count and classify vehicles. The personnel counted inbound and outbound traffic once at each site on a Tuesday, Wednesday, or Thursday in the spring from 5 A.M. to 10 A.M. inbound and 3 P.M. to 8 P.M. outbound. All vehicles were classified by vehicle type, and in the case of automobiles, were further grouped by number of occupants (from 1 to 7 persons). Pickup trucks, vans, and panel trucks (excepting 15 passenger van-pool vans) were counted as automobiles if they had exactly two axles and exactly four wheels. The traffic count data are distributed by time of day, in fifteen-minute periods from 5 A.M. to 10 A.M. and 3 P.M. through 8 P.M. The reader is urged to exercise caution in using individual site data due to the normal fluctuations in traffic volumes on individual roadways. Because of heavy traffic on interstate highways in the Washington region, generally one person was assigned to count each travel lane. Handheld electronic counting units were used to tally each vehicle and the number of passengers observed as it passed the counting station. At the end of each shift, data were then downloaded to personal computers for further processing and analysis with Microsoft Excel.

Transit Patronage Data

Transit ridership data were obtained from providers of bus and rail service in each corridor. I-95/I-395 corridor transit data were provided by WMATA, the Fairfax County Department of Transportation, the City of Alexandria, VRE, PRTC, and by the private coach operators National Coach, Quick's, and Lee. I-66 corridor transit data were provided by WMATA, PRTC, and VRE. In the I-270 corridor, transit data were provided by WMATA, Montgomery County, and the MTA. The Fairfax County Department of Transportation, Loudoun County Department of Planning, and WMATA provided patronage data for the VA 267 corridor. Ridership data in the U.S. 50 corridor were provided by WMATA and MTA.

Bus ridership data were collected from services operating on HOV facilities only. Rail ridership data were obtained from parallel rail lines at locations similar to the occupancy/classification count stations. Actual patronage data for parallel rail lines is reported in the appendices of this report, as is patronage of "traditional" transit bus services operated by WMATA, Montgomery County Ride-On, Alexandria DASH and Fairfax Connector.

Because other buses such as commuter, charter, inter-city and school buses also operate on the HOV facilities, a load factor was developed for each corridor based on commuter bus patronage. The load factors were then applied to each bus observed but not reported above as part of traditional transit services and range from 35 to 45 passengers

Travel Time Runs

Travel time data were collected in the spring of 2010, using the floating car method. Data were collected with the use of stopwatches and pre-printed run sheets for each corridor, showing landmarks and associated mile points, which were later translated to elapsed times. To compute travel times for HOV and non-HOV routes, all travel time runs were done in pairs, with one vehicle following the HOV route, and a second vehicle following the parallel non-HOV route.

Morning runs were scheduled to start at the outer limits of each HOV corridor. Afternoon runs started from the inner limits of each corridor. Both A.M. and P.M. runs are conducted on the entire length of the corridor. The number of floating car travel time runs conducted on each facility is presented in Table 2.

Table 2

2010 Regional HOV Monitoring Number of 'Floating Car' Travel Time Runs by Facility & Time Period				
Facility	A.M. Period		P.M. Period	
	HOV	Non-HOV	HOV	Non-HOV
I-95/I-395 [Shirley Hwy.] between Va. 619 (Triangle) and 14th St. & Independence Ave., S.W. Washington, D.C.	9	9	9	9
I-66 between U.S. 15 (Haymarket) and 23rd St. and Constitution Ave., N.W. (Washington, D.C.)	8	8	8	8
I-270 between Md. 109 (Hyattstown) and I-495 (at Md. 185 (Connecticut Ave.))	7	7	7	7
I-270Y [I-270 Spur] (between Md. 109 (Hyattstown) and I- 495 (at Md. 190 (River Rd.))	6	6	7	7
Va. 267 [Dulles Toll Rd.] between Va. 28 (Sully Rd.) and 23rd St. and Constitution Ave., N.W. (Washington, D.C.) [via Dulles Connector Rd. and I-66 inside Capital	7	7	7	7
U.S. 50 [John Hanson Hwy.] between Md. 424 (Davidsonville Rd.) and Md. 202 (Landover Rd.)	5	5	6	6
I-95/I-495 - Wilson Bridge between Virginia and Maryland	5	5	5	5

V. HOV FACILITY PERFORMANCE

HOV facilities can be evaluated using several measures of effectiveness. Examples include average auto occupancy, which is the average number of persons in each auto; total person movements by auto and transit bus; and travel times for users of HOV facilities in comparison with non-HOV or conventional lanes.

Motorist compliance with HOV restrictions is essential in maintaining HOV facility performance. The enforcement of those restrictions is required to maintain travel time savings on HOV facilities. The Virginia and Maryland State Police have primary responsibility for enforcement of HOV restrictions described in this document and located in their respective states. In Virginia, troopers routinely conduct HOV enforcement along with other assigned duties. Additionally, the Virginia Department of Transportation (VDOT) funds State Police overtime to supplement routine enforcement, which is conducted on randomly selected days and locations along all HOV corridors in Northern Virginia, and consists of roving patrols, as well as stationary enforcement on HOV entrance and exit ramps. Fines for HOV violators in Virginia range from \$50 to \$500. In Maryland, troopers assigned to the I-270 and U.S. 50 corridors are aware of the HOV restriction, and enforce HOV restrictions in addition to other duties. The State Highway Administration (SHA) of the Maryland Department of Transportation (MDOT) also funds overtime for troopers assigned exclusively to HOV enforcement on randomly selected days. HOV violations in Maryland carry a penalty of one point and fines ranging from \$70 to \$500.

Average Auto Occupancy

Average auto occupancy is a measure of the number of auto drivers and passengers served by a highway facility, and of motorist compliance with HOV restrictions. It is expressed as the average number of persons per vehicle. The numerator of the calculation is the number of auto passengers and drivers observed passing a count station in autos (for the purposes of computing average vehicle occupancy, pickup trucks, panel trucks and vans with exactly four wheels are considered autos). Trucks and transit passengers are not included in the calculation. The numerator also includes the number of vanpools counted times 12 (See Appendix G, Vanpool Monitoring Method). The denominator is the number of autos, auto like vehicles and vanpools counted. The example below is simplified (normally there would be 3 through 6 person vehicles), but shows the calculation for the average auto occupancy.

EXAMPLE:

	1-Person Vehicle	2-Person Vehicle	7-Person Vehicle	Vanpool	Motorcycle	TOTAL
Count	5	20	2	3	2	32
People	5	40	14	24	2	85
Ave. Occupancy	total people/total vehicles:					2.65

Average auto occupancy gives a rough measure of motorist compliance with HOV restrictions because most vehicles entered into the calculation as single occupancy vehicles are HOV violators, although there are some exceptions. Some vehicles counted are law enforcement vehicles, freeway service patrol trucks and other official highway vehicles permitted to use the HOV lanes, and, in Virginia vehicles with clean fuel registration plates are exempt from the HOV requirement.⁵ In addition, the use of tinted glass in some vehicles makes measurement of occupancy difficult. Field count personnel are instructed to note only the occupants that can be viewed, and this may tend to underestimate average car occupancy. Observed average auto occupancies and the number of autos needed to move 1,000 persons at this occupancy rate (HOV and non-HOV lanes) for each of the maximum load locations during the HOV restricted periods in the morning peak direction are presented in Table 3. The same data observed during the afternoon peak direction are described in Table 4. Comparisons of average occupancy data from 1997, 1998, 1999, 2004, 2007, and 2010 are shown in Tables 5 and 6 for A.M. and P.M. HOV-restricted periods, respectively.

Average auto occupancies in 2010 during the A.M. peak period were highest on the HOV lanes in the corridor with the HOV-3 restriction: I-95/I-395. The average auto occupancy on the I-95 HOV lanes south of I-495 was 2.5 persons per vehicle in the AM Peak Period, and 2.9 in the PM Peak Period. Meanwhile, the average on the I-395 HOV lanes north of S. Glebe Road (VA 120) was about 2.8 in both the A.M. and P.M. Peak Periods. On facilities designated HOV-2, observed average auto occupancies during the A.M. peak period ranged from 1.5 to 2.0. In the corridors with HOV-2 restrictions for the P.M. Peak Period, the average ranged from 1.4 to 2.0.

With each time point, average auto occupancies tend to go up or down slightly, but overall have remained fairly stable on each facility over time, reflecting no direct trend towards higher or lower auto occupancies. The Dulles Toll Road and I-66 inside the Beltway have the lowest rates of compliance with average auto occupancies ranging from 1.4 to 1.7 across both facilities and the AM and PM peak periods. I-66 outside the Beltway has better compliance with 1.8 in the morning and 1.9 in the afternoon. By contrast, the I-270

⁵ The most-common vehicles with these registration plates are hybrid vehicles (including, but not limited to, the Toyota Prius, Honda Civic Hybrid, and the Honda Insight) and vehicles powered by compressed natural gas (CNG). Detailed information on this program and eligible vehicles by model year can be found on the Virginia DMV website at the following URL: <http://www.dmv.state.va.us/webdoc/citizen/vehicles/cleanspecialfuel.asp>

corridor shows average auto occupancies of 1.9 to 2.0 for HOV-2 and that number extends onto both legs of the spur on the southern end of I-270. On U.S. 50 between MD 197 and MD 704, there was a decrease of 0.1 in occupancy observed in both time periods.

Table 5 shows a mixed trend over time for auto occupancies. In the morning, increases were seen only on I-395 and I-270. All other facilities showed a slight decline. In contrast, Table 6 only showed an increase on I-95, with I-270 at the max load point and the east side of the spur holding steady. All other facilities showed a decline. In both time periods, I-66 inside the Beltway shows the lowest auto-occupancy which could be the result of the construction for both the HOT lanes on the Beltway or Metro to Dulles making non-HOV drivers less more open to violations. The next data point will show whether this is a trend or an anomaly.

Table 3

Observed average auto occupancies in the A.M. peak direction during HOV-restricted periods (Spring, 2010)				
Facility	HOV lane average auto occupancies	Number of autos needed to move 1000 persons	Non-HOV lane average auto occupancies	Number of autos needed to move 1000 persons
I-395 Shirley Highway between Va. 120 (S. Glebe Road) and Arlington Ridge Road	2 . 8	360	1 . 1	910
I-95 Shirley Highway between Va. 7100 (Fairfax County Parkway) and Va. 7900 (Franconia Springfield Parkway)	2 . 5	400	1 . 1	910
I-66 between Sycamore Street and Fairfax Drive	1 . 5	670	N/A	N/A
I-66 between Va. 243 (Nutley Street) and I-495	1 . 8	560	1 . 1	910
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	1 . 7	590	1 . 1	910
I-270 between Montrose Road and the "split" (Max Load Point)	1 . 9	530	1 . 0	1000
I-270 between the "split" and Rockledge Drive	2 . 0	500	1 . 0	1000
I-270Y (I-270 Spur) between the "split" and Democracy Boulevard	1 . 9	530	1 . 0	1000
U.S 50 between Md. 197 (Collington Road) and Md. 704 (MLK, Jr. Hwy)	1 . 8	560	1 . 0	1000

Note: Average auto occupancy rounded to nearest 1/10.

Table 4

Observed average auto occupancies in the P.M. peak direction during HOV-restricted periods (Spring, 2010)				
Facility	HOV lane average auto occupancies	Number of autos needed to move 1000 persons	Non-HOV lane average auto occupancies	Number of autos needed to move 1000 persons
I-395 Shirley Highway between Arlington Ridge Road and Va. 120 (S. Glebe Road)	2 . 8	360	1 . 1	910
I-95 Shirley Highway between Va. 7900 (Franconia Springfield Parkway) and Va. 7100 (Fairfax County Parkway)	2 . 9	340	1 . 1	910
I-66 between Fairfax Drive and Sycamore Street	1 . 4	710	N/A	N/A
I-66 between I-495 and Va. 243 (Nutley Street)	1 . 9	530	1 . 1	910
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	1 . 5	670	1 . 1	910
I-270 between Rockledge Drive and the "split"	1 . 9	530	1 . 1	910
I-270Y (I-270 Spur) between Democracy Boulevard and the "split"	2 . 0	500	1 . 1	910
I-270 between the "split" and Montrose Road (Max Load Point)	2 . 0	500	1 . 1	910
U.S 50 between Md. 704 (MLK, Jr. Hwy) and Md. 197 (Collington Road)	1 . 7	590	1 . 0	1000

Note: Average auto occupancy rounded to nearest 1/10.

Table 5

2010 Observed average HOV auto occupancies in the A.M. Peak Direction Over Time						
Facility	Year					
	1997	1998	1999	2004	2007	2010
I-395 Shirley Highway between Va. 120 (S. Glebe Road) and Arlington Ridge Road	2 . 7	2 . 6	2 . 9	2 . 5	2 . 5	2 . 8
I-95 Shirley Highway between Va. 7100 (Fairfax County Parkway) and Va. 7900 (Franconia Springfield Parkway)	2 . 6	2 . 8	2 . 8	2 . 6	2 . 6	2 . 5
I-66 between Sycamore Street and Fairfax Drive	1 . 8	1 . 8	1 . 8	1 . 7	1 . 8	1 . 5
I-66 between Va. 243 (Nutley Street) and I-495	2 . 0	1 . 7	1 . 9	2 . 0	1 . 9	1 . 8
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	N/A	N/A	1 . 8	1 . 8	1 . 8	1 . 7
I-270 between Montrose Road and the "split" (Max Load Point)	N/A	N/A	N/A	1 . 7	1 . 6	1 . 9
I-270 between the "split" and Rockledge Drive	1 . 9	1 . 7	1 . 7	1 . 9	1 . 5	2 . 0
I-270Y (I-270 Spur) between the "split" and Democracy Boulevard	1 . 9	1 . 8	1 . 8	1 . 5	1 . 8	1 . 9
U.S 50 between Md. 197 (Collington Road) and Md. 704 (MLK, Jr. Hwy)	N/A	N/A	N/A	1 . 6	1 . 9	1 . 8

Notes: Data in table are rounded.

Table 6

2010 Observed average HOV auto occupancies in the P.M. Peak Direction Over Time						
Facility	Year					
	1997	1998	1999	2004	2007	2010
I-395 Shirley Highway between Arlington Ridge Road and Va. 120 (S. Glebe Road)	3.1	3.1	3.2	2.8	2.9	2.8
I-95 Shirley Highway between Va. 7900 (Franconia Springfield Parkway) and Va. 7100 (Fairfax County Parkway)	2.9	2.7	3.0	2.7	2.8	2.9
I-66 between Fairfax Drive and Sycamore Street	1.8	1.8	1.9	1.7	1.8	1.4
I-66 between I-495 and Va. 243 (Nutley Street)	2.0	2.0	1.9	2.0	2.0	1.9
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	N/A	N/A	1.8	1.8	1.6	1.5
I-270 between Rockledge Drive and the "split"	2.1	1.8	1.6	2.1	1.9	1.9
I-270Y (I-270 Spur) between Democracy Boulevard and the "split"	2.1	1.8	2.1	1.5	2.1	2.0
I-270 between the "split" and Montrose Road (Max Load Point)	N/A	N/A	N/A	1.8	2.0	2.0
U.S 50 between Md. 704 (MLK, Jr. Hwy) and Md. 197 (Collington Road)	N/A	N/A	N/A	2.1	1.8	1.7

Notes: Data in table are rounded.

Person Movements

HOV facilities can move more people than conventional highway lanes, especially when motorists comply with HOV restrictions. In addition, HOV facilities serve more travelers in fewer vehicles. Tables 7 and 8 show the number of HOV and non-HOV lanes at maximum load locations in the region and the person movements in the lanes during A.M. peak and P.M. peak HOV-restricted periods, respectively.

Not surprisingly, the I-95/I-395 corridor with its requirement of 3 people per vehicle yields the highest lane person movements in the region with a maximum observed value of 5,100 persons per lane per hour along I-395 between S. Glebe Road (VA 120) and Arlington Ridge Road during both the A.M. and P.M. Peak Periods. The next highest people per hour movements are observed on I-95 between the Fairfax County Parkway (VA 7100) and the Franconia Springfield Parkway (VA 7900) in the A.M. Peak Period.

Interstate 270 also moves more people in the HOV lane than in the non-HOV lanes. In the morning the HOV lanes moves 3,000 persons per hour while each of the non-HOV lanes move 1,900 persons per hour. In the afternoon, the non-HOV lanes move 1,700 persons while the HOV lane moves 4,100 persons per hour, considerably more than in the morning.

The ability of HOV facilities to carry more people in fewer vehicles becomes especially apparent during hours of peak demand. Illustrated in Tables 9 and 10 are person movements in the peak hour of the morning and evening HOV restricted periods, respectively. The peak hour is identified by looking at the number of people moved in both the HOV and non-HOV lanes together and determining which hour had the greatest number of people moving past the relevant count station. In some cases, person moving differences between HOV and non-HOV facilities during the peak hour are dramatic.

For example, during the A.M. peak hour of 7:30 to 8:30 A.M. on I-395, the barrier separated HOV lanes were able to serve 11,000 persons in two lanes, while four conventional lanes moved 9,300 persons. In the afternoon peak hour of 6 to 7 P.M., I-95 at Newington moved 6,000 persons in two HOV lanes, and 4,200 in four non-HOV lanes.⁶ The peak hour at Newington is surprisingly late given that the peak hour in the morning is from 5:30 to 6:30 A.M.

Similarly, I-66 inside the Beltway experiences an early peak hour in the morning (5:30 to 6:30 A.M.) and a relatively late peak hour in the afternoon (6:45 – 7:45 P.M.); the exclusive HOV section of I-66 served 4,900 persons in one hour in two lanes in the A.M. and the P.M. peak hour. Readers are alerted to the fact that both peak hours on I-66 inside the Beltway shoulder the times that HOV restrictions are in effect (6:30 A.M to 9:00 A.M. and 4:00 to 6:30 P.M.).

The concurrent flow HOV lane along I-66 outside the Beltway served 3,000 persons in the A.M. peak hour, while the three conventional lanes served 5,100 (1,700 persons per lane per hour). The peak hour on I-66 at Nutley Street (VA 243) is also early (5:45 to 6:45 A.M.), but starts just after the peak hour inside the Beltway suggesting that many people are commuting on just sections of the highway or connecting to or from the Beltway to a wide variety of destinations.

⁶ There is a lane drop in the southbound I-95 non-HOV lanes (from 4 to 3) just south of the monitoring location at the Fairfax County Parkway (VA 7100) interchange.

On the Maryland HOV facilities, the peak hour on I-270 and U.S. 50 is well into what is considered the more traditional rush hour period of 7-8 A.M. at the max load point on I-270 and not until 7:30-8:30 on U.S. 50. Along I-270 south of Montrose Road and north of the "split", the southbound HOV lane served 3,700 persons in the A.M. peak hour, while five conventional lanes served 10,500 persons (2,100 persons per lane per hour). In the afternoon, the peak hour is surprisingly early (3:45 and 4:45 P.M.) at the max load point on I-270. At this location in the northbound (P.M.) direction, one HOV lane served 4,300 travelers, while 5 non-HOV lanes carried 8,500 (1,700 persons per lane per hour). In contrast, U.S. 50 has a P.M. peak hour of 5:30-6:30, suggesting most commuters leave their workplace around 5 P.M., and the HOV lane on U.S. 50 moves an additional 500 people over the conventional lanes during that hour.

Table 7

Observed person movements in the A.M. peak direction during HOV-restricted periods (Spring, 2010)						
Facility And Hours of HOV-restricted operation	Number of HOV lanes	HOV lane person movements during HOV-restricted period	HOV lane persons per lane per hour	Number of non-HOV lanes	Non-HOV lane person movements during HOV-restricted period	Non-HOV lane persons per lane per hour
I-395 between Va. 120 and Arlington Ridge Rd 6:00 A.M. to 9:00 A.M.	2	30,800	5,100	4	24,200	2,000
I-95 between Va. 7100 and Va. 7900 6:00 A.M. to 9:00 A.M.	2 <i>Includes Newington Flyover Ramp</i>	24,200	4,000	4	17,000	1,400
I-66 between Sycamore St and Fairfax Dr 6:30 A.M. to 9:00 A.M.	2	15,800	3,200	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between Va. 243 & I-495 5:30 A.M. to 9:30 A.M.	1	10,400	2,600	3	20,100	1,700
Va. 267 west of Va. 7 6:30 A.M. to 9:00 A.M.	1	10,200	4,100	3	12,800	1,700
I-270 between Montrose Road and the "split" 6:00 A.M. to 9:00 A.M.	1	8,900	3,000	5	27,800	1,900
I-270 between the "split" and Rockledge Drive 6:00 A.M. to 9:00 A.M.	1	5,500	1,800	3	15,000	1,700
I-270 Spur between the "split" and Democracy Blvd 6:00 A.M. to 9:00 A.M.	1 <i>Includes Westlake Drive Ramp</i>	3,400	1,100	2	12,800	2,100
U.S 50 between Md. 197 & Md. 704 24 Hours, 7 Days/Week (5:00 A.M. to 10:00 A.M. assumed in calculations)	1	4,600	900	3	21,800	1,500

Note: All person movements rounded to nearest 100

Table 8

Observed person movements in the P.M. peak direction during HOV-restricted periods (Spring, 2010)						
Facility And Hours of HOV operation	Number of HOV lanes	HOV lane person movements during HOV-restricted period	HOV lane persons per lane per hour	Number of non-HOV lanes	Non-HOV lane person movements during HOV-restricted period	Non-HOV lane persons per lane per hour
I-395 between Arlington Ridge Rd. and Va. 120 3:30 P.M. to 6:00 P.M.	2	25,600	5,100	4	22,200	2,200
I-95 between Va. 7900 and Va. 7100 3:30 P.M. to 6:00 P.M.	2	24,000	4,800	4	9,300	900
I-66 between Fairfax Dr and Sycamore St 4:00 P.M. to 6:30 P.M.	2	14,000	2,800	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between I-495 and Va. 243 3:00 P.M. to 7:00 P.M.	1	9,200	2,300	3	17,500	1,500
Va. 267 west of Va. 7 4:00 P.M. to 6:30 P.M.	1	11,100	4,400	3	15,300	2,000
I-270 between Rockledge Drive and the "split" 3:30 P.M. to 6:30 P.M.	1	5,700	1,900	2	12,400	2,100
I-270Y Spur between Democracy Blvd & the "split" 3:30 P.M. to 6:30 P.M.	1 <i>Includes Westlake Drive Ramp</i>	6,700	2,200	2	13,300	2,200
I-270 between the "split" and Montrose Road 3:30 P.M. to 6:30 P.M.	1	12,400	4,100	5	25,700	1,700
U.S 50 between Md. 704 and Md. 197 24 Hours, 7 Days/Week (3:00 P.M. to 8:00 P.M. assumed in calculations)	1	8,100	1,600	3	22,200	1,500

Note: All person movements rounded to nearest 100

Table 9

A.M. peak hour person movements during HOV-restricted periods (Spring 2010)						
Facility And peak hour within HOV-restricted period	Number of HOV lanes	HOV lane person movements during peak hour in HOV-restricted period	HOV lane persons per lane per hour	Number of non-HOV lanes	Non-HOV lane person movements during HOV-restricted period	Non-HOV lane persons per lane per hour
I-395 between Va. 120 and Arlington Ridge Rd. 7:30 A.M. to 8:30 A.M.	2	11,000	5,500	4	9,300	2,300
I-95 between Va. 7100 and Va. 7900 5:30 A.M. to 6:30 A.M.	2 <i>Includes Newington Flyover Ramp</i>	8,400	4,200	4	6,200	1,600
I-66 between Sycamore St and Fairfax Dr 5:30 A.M. to 6:30 A.M.	2	4,900	2,500	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between Va. 243 & I-495 5:45 A.M. to 6:45 A.M.	1	3,000	3,000	3	5,100	1,700
Va. 267 west of Va. 7 6:45 A.M. to 7:45 A.M.	1	4,400	4,400	3	5,900	2,000
I-270 between the "split" and Rockledge Dr 7:00 A.M. to 8:00 A.M.	1	2,200	2,200	3	6,100	2,000
I-270 Spur between the "split" & Democracy Blvd 7:00 A.M. to 8:00 A.M.	1 <i>Includes Westlake Drive Ramp</i>	1,400	1,400	2	4,400	2,200
I-270 between Montrose Road and the "split" 6:45 A.M. to 7:45 A.M.	1	3,700	3,700	5	10,500	2,100
U.S 50 between Md. 197 and Md. 704 7:30 A.M. to 8:30 A.M.	1	700	700	3	6,400	2,100

Note: All person movements rounded to nearest 100

Table 10

P.M. peak hour person movements during HOV-restricted periods (Spring 2010)						
Facility And peak hour within HOV-restricted period	Number of HOV lanes	HOV lane person movements during peak hour in HOV-restricted period	HOV lane persons per lane per hour	Number of non-HOV lanes	Non-HOV lane person movements during HOV-restricted period	Non-HOV lane persons per lane per hour
I-395 between Arlington Ridge Rd. and Va. 120 4:30 P.M. to 5:30 P.M.	2	12,800	6,400	4	9,600	2,400
I-95 between Va. 7100 and Va. 7900 6:00 P.M. to 7:00 P.M.	2	6,000	3,000	4	4,200	1,100
I-66 between Fairfax Dr and Sycamore St 6:45 P.M. to 7:45 P.M.	2	4,900	2,500	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between I-495 & Va. 243 6:15 P.M. to 7:15 P.M.	1	2,400	2,400	3	5,500	1,800
Va. 267 west of Va. 7 5:15 P.M. to 6:15 P.M.	1	4,900	4,900	3	6,500	2,200
I-270 between Rockledge Drive and the "split" 3:45 P.M. to 4:45 P.M.	1	2,000	2,000	2	3,900	2,000
I-270 Spur between Democracy Blvd & the "split" 3:30 P.M. to 4:30 P.M.	1 <i>Includes Westlake Drive Ramp</i>	2,600	2,600	2	4,900	2,500
I-270 between the "split" and Montrose Road 3:45 P.M. to 4:45 P.M.	1	4,300	4,300	5	8,500	1,700
U.S 50 between Md. 704 and Md. 197 5:30 P.M. to 6:30 P.M.	1	2,300	2,300	3	5,500	1,800

Note: All person movements rounded to nearest 100

Travel Times

HOV facilities are designed to provide faster travel times and more predictable speeds than parallel non-HOV facilities (please see Appendices C and D for detailed A.M. and P.M. travel time data for 2010, respectively, and Appendix H for a description of the methodology used to collect these data).

To compare the travel times of HOV and non-HOV routes, a set of travel time runs was conducted in each corridor during peak commute periods in 2010. Generally, the results showed that in all corridors HOV routes saved time and operated at higher average speeds than parallel non-HOV routes. Travel time runs were previously conducted in 1997, 1999, 2004, and 2007. A comparison of the previous travel time is made with times observed in 2010 in Table 11 for A.M. HOV-restricted periods and in Table 12 for the P.M. restricted period. The time savings during the A.M. restricted periods in 2010 are greater than those observed in 2007 for the I-66 and the Dulles Toll Road corridors and have declined slightly in the I-95/I-395 and the I-270 corridors. The travel time advantage of HOV over non-HOV in the U.S. 50 corridor is negligible.

I-66 has seen growth in its time savings, but it has also seen an increase in the unreliability of the travel time as is marked by the margin of error more than doubling from 13 minutes in 2007 to 29 minutes in 2010 in the non-HOV lanes and nearly doubling from 9 to 17 minutes in the HOV lane. When the I-66 corridor is split into two segments, divided at the Beltway, the differences are more striking. Outside the Beltway, where the HOV lane is concurrent with the non-HOV lanes, the average speeds are 30 miles per hour (mph) and 24 mph, while inside the Beltway, the exclusive HOV facility sees average speeds increase to 35 mph while the non-HOV traffic must use Arlington Boulevard (U.S. 50) through Arlington, and sees a decline to 18 mph.

As shown in Table 13, the areas with the greatest time savings are I-395 and I-66 inside the Beltway. All other segments save less than a minute per mile, but on I-395 inside the Beltway time savings are 2.9 minutes per mile and I-66 sees 2.4 minutes per mile time savings. This is particularly evident outside the Beltway where the HOV facility is concurrent with the non-HOV facility and the time savings are more analogous to those found on I-270.

During the P.M. HOV-restricted periods, the results were similar: improved travel time advantages for HOV in the I-95/I-395 and I-66 corridors, some rebound in time savings in the Dulles Toll Road and U.S. 50 corridors over 2007, and I-270 held steady on west side of the spur while experiencing a 3 minute increase in travel time savings from the east spur. The I-95/I-395 corridor shows the most time savings with the HOV travel time at less than half of the of the non-HOV lanes. It also has much more reliability in the times with a margin of error that is less than a third of the non-HOV lanes. Interestingly, the greater time savings occur outside the Beltway in contrast to the morning savings which are inside the Beltway. The average speeds are nearly twice the non-HOV speeds (64 mph vs. 33 mph) on I-95/I-395; this difference is partially attributed to the barrier separated HOV facilities, as such speed differences would be very unsafe on concurrent flow HOV facilities.

I-66 is the only other facility with significant time savings, and as in the morning, the exclusive HOV section inside the Beltway shows greater savings with 1.5 minutes per mile savings over 0.4 minutes per mile savings outside the Beltway. The overall time savings on I-270 have been much smaller than on the Virginia HOV facilities, but the 2010 travel time runs are showing a slight decline in time savings after a decade of growth. Another data point will be necessary to see if a new trend is developing or if

the 2010 data are an anomaly. As has been previously observed, U.S. 50 has little congestion during the peak period, outside the Beltway, so both HOV and non-HOV travel times are close with a small margin of error

Table 11
Mean A.M. Peak Period / Peak Direction Travel Times Over Time by Facility
(95% Margin of Error in Parenthesis)

Facility	HOV route travel time (minutes)					Non-HOV route travel time (minutes)					Time Savings (HOV Time - Non-HOV Time)				
	1997	1999	2004	2007	2010	1997	1999	2004	2007	2010	1997	1999	2004	2007	2010
I-95/I-395 (northbound) From Va.234 (Dumfries) to Va. end of 14th St. Bridge	26 (+/- 1)	27 (+/- 1)	29 (+/- 4)	31 (+/- 6)	35 (+/- 8)	65 (+/- 6)	58 (+/- 3)	66 (+/- 15)	82 (+/- 22)	76 (+/- 26)	39	31	37*	51*	41*
HOV route is 28.1 miles															
I-66 (eastbound) From Va.234 Business (Manassas) to Va. end of T. Roosevelt Bridge	43 (+/- 3)	41 (+/- 8)	53 (+/- 8)	48 (+/- 9)	66 (+/- 17)	71 (+/- 11)	69 (+/- 5)	70 (+/- 14)	76 (+/- 13)	102 (+/- 29)	28	28	17*	28*	36*
HOV route is 27.8 miles															
Va.267/I-66 (eastbound) From Va.28 to Va. end of T. Roosevelt Bridge HOV route is 23.4 miles	N A	31 (+/- 1)	28 (+/- 1)	26 (+/- 2)	47 (+/- 9)	N A	51 (+/- 5)	48 (+/- 2)	33 (+/- 5)	77 (+/- 17)	N A	20	20*	7	30
HOV route is 23.4 miles															
I-270 & East Spur (southbound) From I-370 to Old G'town Road	11 (+/- 1)	18 (+/- 1)	13 (+/- 2)	12 (+/- 4)	12 (+/- 3)	16 (+/- 3)	22 (+/- 4)	19 (+/- 3)	20 (+/- 8)	18 (+/- 3)	5	4	6	8	6
HOV route is 8.8 miles															
I-270 and West Spur (southbound) From I-370 to S end of I-270 Spur	11 (+/- 2)	16 (+/- 3)	14 (+/- 7)	13 (+/- 3)	12 (+/- 3)	17 (+/- 4)	23 (+/- 3)	22 (+/- 3)	18 (+/- 5)	16 (+/- 5)	6	7	8	5	4
HOV route is 8.6 miles															
U.S.50 (westbound) From U.S.301/Md.3 to I-95/I-495	N A	N A	9 (+/- 0)	7 (+/- 1)	7 (+/- 1)	N A	13 (+/- 2)	12 (+/- 2)	8 (+/- 2)	8 (+/- 1)	N A	N A	3	1	1
HOV route is 9.0 miles															

- Notes:
- Data in table are rounded to whole minutes.
 - I-66 (eastbound) non-HOV route uses I-66 to I-495 (southbound) to U.S.50 (eastbound) to I-66 on T. Roosevelt Bridge
 - Va.267 (eastbound) HOV route uses Va. 267 to Dulles Connector Road to I-66 (eastbound)
 - Va.267 (eastbound) non-HOV route uses Va.267 to I-495 (northbound) to G.Washington Mem. Parkway (southbound) to I-66 on T. Roosevelt Bridge
 - All travel time runs on Va.267 (HOV and non-HOV) performed with an EZ-Pass transponder.
 - Travel time savings shown with an asterisk (*) are statistically significant at the 95% confidence level using a Tukey Test for 2004-2010. Time savings without an asterisk are not statistically significant.
 - Margins of Error computed at 95% confidence level using two-tailed test.

Table 12
Mean P.M. Peak Period / Peak Direction Travel Times Over Time by Facility

(95% Margin of Error in Parenthesis)

Facility	HOV route travel time (minutes)					Non-HOV route travel time (minutes)					Time Savings (Non-HOV Time - HOV Time)				
	1997	1999	2004	2007	2010	1997	1999	2004	2007	2010	1997	1999	2004	2007	2010
I-95/I-395 (southbound) From Va. end of 14th St. Bridge to south of Va. 234	26 (+/- 2)	28 (+/- 1)	25 (+/- 0)	33 (+/- 11)	30 (+/- 6)	60 (+/- 6)	64 (+/- 12)	53 (+/- 10)	61 (+/- 23)	73 (+/- 19)	39	31	37*	28*	43*
HOV route is 27.9 miles															
I-66 (westbound) From Va. end of T. Roosevelt Bridge to Va.234 Business (Manassas)	27 (+/- 1)	32 (+/- 2)	34 (+/- 3)	37 (+/- 8)	44 (+/- 7)	44 (+/- 7)	55 (+/- 11)	56 (+/- 6)	55 (+/- 11)	68 (+/- 12)	28	28	17*	18*	24*
HOV route is 30.7 miles															
Va.267/I-66 (westbound) From Va. end of T. Roosevelt Bridge to Va.28	N/A	31 (+/- 1)	28 (+/- 1)	24 (+/- 1)	27 (+/- 3)	N/A	51 (+/- 5)	48 (+/- 2)	32 (+/- 3)	42 (+/- 7)	N/A	20	20	8	15
HOV route is 24.2 miles															
I-270 & E. Spur (northbound) just north of I- 495 to Md. 121 (Clarksburg)	11 (+/- 1)	18 (+/- 1)	13 (+/- 2)	22 (+/- 7)	21 (+/- 3)	16 (+/- 3)	22 (+/- 4)	19 (+/- 3)	29 (+/- 1)	31 (+/- 5)	5	4	6*	7	10
HOV route is 18.4 miles															
I-270Y (I-270 Spur) and I- 270 (northbound) From I- 495 to Md. 121 (Clarksburg)	11 (+/- 2)	16 (+/- 3)	14 (+/- 7)	20 (+/- 2)	19 (+/- 2)	17 (+/- 4)	23 (+/- 3)	22 (+/- 3)	29 (+/- 5)	28 (+/- 4)	6	7	8*	9	9
HOV route is 18.5 miles															
U.S.50 (eastbound) From I- 95/I-495 to U.S.301/Md.3	N/A	N/A	9 (+/- 0)	7 (+/- 0)	8 (+/- 2)	N/A	13 (+/- 2)	12 (+/- 2)	8 (+/- 2)	10 (+/- 4)	N/A	N/A	3	1	2
HOV route is 8.4 miles															

- Notes:
- Data in table are rounded to whole minutes.
 - I-66 (westbound) non-HOV route uses T. Roosevelt Bridge to U.S. 50 (westbound) to I-495 (northbound) to I-66 (westbound)
 - Va.267 (westbound) HOV route uses I-66 (westbound) to Dulles Connector Road to Va. 267 (westbound)
 - Va.267 (westbound) non-HOV route uses T.Roosevelt Bridge to G.Washington Mem.Parkway (northbound) to I-495 (southbound) to Va.267 (westbound)
 - All travel time runs on Va.267 (HOV and non-HOV) performed with an EZ-Pass transponder.
 - Travel time savings shown with an asterisk (*) are statistically significant at the 95% confidence level using a Tukey Test for 2004-2010. Time savings without an asterisk are not statistically significant.
 - Margins of Error computed at 95% confidence level using two-tailed test.

Table 13
2010 Regional HOV Monitoring
A.M. Peak Direction Travel Time Summary for HOV and non-HOV Lanes

Facility	Facility Section	Length (miles)	HOV Time (mins.)	Non-HOV Time (mins.)	Time Savings		Average Speed	
					In Minutes	in Min./Mi.	HOV (MPH)	Non- HOV (MPH)
I-95/I-395	From Va. 234 to the Pentagon	27.6	35	76	41	1.5	50	24
	Outside Beltway	18.0	18	31	13	0.7	64	37
	Inside Beltway	9.6	17	45	28	2.9	36	16
I-66	From Va. 234 (Business) to the T. Roosevelt Bridge	28.8	66	102	36	1.3	31	20
	Outside Beltway	17.8	45	57	12	0.7	30	24
	Inside Beltway	10.5	20	45	25	2.4	35	18
Va. 267	From Va.28 to to the T. Roosevelt Bridge	23.4	47	77	30	1.3	29	20
	Va. 267 only	14.9	25	32	7	0.5	29	25
I-270	From I-370 to I-495 (passing Md. 187)	8.8	12	18	6	0.7	44	30
	I-270Y (I-270 Spur) From I-370 to I-495 (passing Democracy Blvd.)	8.6	12	16	4	0.5	46	34
U.S. 50	From U.S. 301/Md. 3 to Capital Beltway	9.0	7	8	1	0.1	67	60

Notes:

- Facility Length rounded to nearest 1/10 of a mile
- HOV Times, Non-HOV Times and Time Savings in Minutes rounded to nearest whole minute
- Time Savings rounded to nearest 1/10 of a minute

Table 14
2010 Regional HOV Monitoring
P.M. Peak Direction Travel Time Summary for HOV and non-HOV Lanes

Facility	Facility Section	Length (miles)	HOV Time (mins.)	Non-HOV Time (mins.)	Time Savings		Average Speed	
					In Minutes	in Min./Mi.	HOV (MPH)	Non- HOV (MPH)
I-95/I-395	From The Pentagon to Va. 234	27.9	30	73	43	1.5	58	24
	Outside Beltway	17.7	21	55	34	1.9	56	22
	Inside Beltway	10.2	9	18	9	0.9	64	33
I-66	From T. Roosevelt Bridge to Va. 234 (Business)	30.7	44	68	24	0.8	43	29
	Outside Beltway	20.3	31	39	8	0.4	42	35
	Inside Beltway	10.4	13	29	16	1.5	51	23
Va. 267	From the T. Roosevelt Bridge to Va. 28	24.2	27	42	15	0.6	47	33
	Va. 267 only	15.5	17	30	13	0.8	35	32
I-270	From I-495 (passing Md. 187) to Md. 121 (Clarksburg)	18.4	21	31	10	0.5	53	36
	I-270Y (I-270 Spur) From I-495 (passing Democracy Blvd.) to Md. 121 (Clarksburg)	18.5	19	28	9	0.5	59	41
U.S. 50	From the Capital Beltway to U.S. 301/Md. 3	8.4	8	10	2	0.2	65	58

Notes:

- Facility Length rounded to nearest 1/10 of a mile
- HOV Times, Non-HOV Times and Time Savings in Minutes rounded to nearest whole minute
- Time Savings rounded to nearest 1/10 of a minute

VI. CONCLUSIONS

The most successful HOV facility is the barrier separated I-95/I-395 from Dumfries to the 14th Street Bridge. The 2010 data shows more than a 40 minute time savings in both the A.M. and P.M. peak periods. While the average auto occupancy has declined somewhat, the requirement of 3 persons per vehicle means that persons moved per lane per hour ranges from 4,800 to 6,900 people in contrast to the same measure on the non-HOV lanes which does not exceed 2,200 people. The success of this facility is due to the three person requirement and the barrier separation that allows traffic to move faster without worrying about a driver cutting in from the non-HOV lanes as can happen on concurrent HOV lane facilities.

Of the other Virginia HOV facilities, I-66 inside the Beltway has the lowest average auto occupancy with only 1.5 people in the A.M. and 1.4 people in the P.M. This is a drop since the 2007 count was conducted, so another data collection will be needed to determine if this is an actual change or if it is a result of construction of the HOT lanes on the Beltway. For the complete I-66 HOV route from Manassas to the Roosevelt Bridge and for VA 267 from VA 28 to the Roosevelt Bridge, the time savings are better in the morning than in the afternoon. For both routes, the bulk of the time savings occurs inside the Beltway in the morning.

In Maryland, the HOV facilities are shorter in distance than the Virginia facilities. As a result, the dramatic time savings are not seen. However, I-270 has a high level of average auto occupancy ranging from 1.8 to 2.0 on the HOV-2 facilities. Another interesting note is the peak hour occurs very early in the P.M. peak period on I-270 (3:45 P.M.-4:45 P.M.). U.S. 50 in Maryland maintains a high rate of speed in both its HOV and non-HOV lanes during the peak periods.

In conclusion, the HOV facilities in the Washington Region will continue to play an important role in helping to move people to their destinations. Additional enforcement and any changes that can tangibly separate HOV from non-HOV lanes will help the HOV lanes to perform at their peak capacity.

Issues for the future:

- The opening of HOT lanes on I-95 and the Beltway in Virginia
- Direct access into and out of the HOV lanes
- Park and Ride lots opening/closing and capacities

Appendix A

A.M. HOV Occupancy/Classification Counts

I-95 (northbound) at Dumfries
 All Lanes Total
 Spring 2010 - 14 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+ MC Riders +Bus Passengers	Trucks			
5:00 - 5:15	94	2	4	3	1.42	6.86	0	103	146	0	0	0	0	146	1	107	0	0
5:15 - 5:30	1,428	25	8	12	1.12	8.40	2	1,475	1,648	0	3	0	123	1,771	1	1,484	0	0
5:30 - 5:45	1,592	29	15	12	1.12	7.00	5	1,653	1,844	0	3	0	123	1,967	12	1,669	0	0
5:45 - 6:00	1,450	46	14	21	1.20	8.40	15	1,546	1,851	0	3	0	123	1,974	7	1,556	0	0
6:00 - 6:15	1,232	29	43	41	1.42	7.39	17	1,362	1,928	0	1	0	41	1,969	9	1,372	0	0
6:15 - 6:30	697	12	253	33	1.87	4.06	22	1,017	1,905	0	3	0	123	2,028	17	1,037	0	0
6:30 - 6:45	727	9	287	7	1.62	3.21	37	1,067	1,727	0	3	0	123	1,850	3	1,073	0	0
6:45 - 7:00	854	13	209	4	1.43	3.17	33	1,113	1,588	0	1	0	41	1,629	8	1,122	0	0
7:00 - 7:15	740	7	216	7	1.53	3.34	34	1,004	1,533	0	1	0	41	1,574	10	1,015	0	0
7:15 - 7:30	892	22	187	4	1.39	3.22	35	1,140	1,586	0	2	0	82	1,668	8	1,150	0	0
7:30 - 7:45	1,128	72	145	4	1.31	3.34	24	1,373	1,793	0	0	0	0	1,793	7	1,380	0	0
7:45 - 8:00	931	53	152	0	1.31	3.03	29	1,165	1,526	0	1	0	41	1,567	7	1,173	0	0
8:00 - 8:15	985	63	151	2	1.32	3.13	13	1,214	1,603	0	1	0	41	1,644	7	1,222	0	0
8:15 - 8:30	1,000	69	118	0	1.25	3.00	12	1,199	1,504	0	0	0	0	1,504	4	1,203	0	0
8:30 - 8:45	954	105	73	1	1.23	3.16	19	1,152	1,417	0	0	0	0	1,417	5	1,157	0	0
8:45 - 9:00	846	20	24	0	1.08	3.08	3	893	963	0	0	0	0	963	2	895	0	0
9:00 - 9:15	804	9	37	1	1.11	3.26	3	854	949	1	0	0	0	949	2	857	0	0
9:15 - 9:30	823	32	11	1	1.08	3.83	6	873	939	0	0	0	0	939	3	876	0	0
9:30 - 9:45	676	31	5	0	1.06	3.40	5	717	760	0	0	0	0	760	2	719	0	0
9:45 - 10:00	571	16	3	0	1.04	3.00	3	593	615	0	0	0	0	615	1	594	0	0

5-Hour Totals																		
Vehicles	18,424	664	1,955	153	N/A	N/A	317	21,513	27,825	1	22	0	902	28,727	116	21,661	0	0
Persons	18,424	1,328	5,920	1,836			317											

	HOV Restricted		
	Period	Peak Hour	
	5 Hours	(6:00 AM - 9:00 AM)	(5:15 AM - 6:15 AM)
Highway Passengers	28,727	19,606	7,681
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	27,825	19,073	7,271
Autos and Motorcycles	21,513	13,699	6,036
Average Auto Occupancy (Includes Motorcycles)	1.29	1.39	1.20

I-95 (northbound) at Dumfries
 HOV Lane Total
 Spring 2010 - 14 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	93	1	3	3	1.40	7.50	0	100	140	0	0	0	0	140	1	104	0	0		
5:15 - 5:30	311	0	8	5	1.22	6.46	2	326	397	0	3	0	123	520	0	334	0	0		
5:30 - 5:45	326	0	15	7	1.30	5.86	3	351	458	0	3	0	123	581	9	364	0	0		
5:45 - 6:00	248	0	13	18	1.77	8.23	12	291	515	0	3	0	123	638	6	300	0	0		
6:00 - 6:15	165	0	43	39	2.97	7.28	14	261	776	0	1	0	41	817	8	270	0	0		
6:15 - 6:30	75	2	251	33	3.30	4.05	17	378	1,246	0	3	0	123	1,369	14	395	0	0		
6:30 - 6:45	31	3	287	7	2.81	3.21	33	361	1,015	0	3	0	123	1,138	3	367	0	0		
6:45 - 7:00	33	10	209	4	2.66	3.17	28	284	756	0	1	0	41	797	7	292	0	0		
7:00 - 7:15	46	7	216	6	2.70	3.30	29	304	822	0	1	0	41	863	10	315	0	0		
7:15 - 7:30	81	2	186	2	2.34	3.13	28	299	701	0	2	0	82	783	7	308	0	0		
7:30 - 7:45	76	10	142	3	2.35	3.27	20	251	590	0	0	0	0	590	6	257	0	0		
7:45 - 8:00	67	2	150	0	2.24	3.02	26	245	550	0	1	0	41	591	4	250	0	0		
8:00 - 8:15	59	1	149	0	2.36	3.01	13	222	523	0	1	0	41	564	6	229	0	0		
8:15 - 8:30	38	2	118	0	2.41	3.00	11	169	407	0	0	0	0	407	4	173	0	0		
8:30 - 8:45	54	3	72	0	2.02	3.04	18	147	297	0	0	0	0	297	5	152	0	0		
8:45 - 9:00	64	8	23	0	1.57	3.04	2	97	152	0	0	0	0	152	2	99	0	0		
9:00 - 9:15	207	5	37	0	1.32	3.03	3	252	332	0	0	0	0	332	2	254	0	0		
9:15 - 9:30	221	28	11	0	1.19	3.09	5	265	316	0	0	0	0	316	3	268	0	0		
9:30 - 9:45	216	26	5	0	1.15	3.40	3	250	288	0	0	0	0	288	2	252	0	0		
9:45 - 10:00	110	15	3	0	1.16	3.00	1	129	150	0	0	0	0	150	1	130	0	0		

5-Hour Totals

Vehicles	2,521	125	1,941	127	N/A	N/A	268	4,982	10,431	0	22	0	902	11,333	100	5,113	0	0	
Persons	2,521	250	5,868	1,524			268												

HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (5:15 AM 6:15 AM)
Highway Passengers	11,333	8,368
Rail Passengers	0	0
Auto and Motorcycle Passengers	10,431	7,835
Autos and Motorcycles	4,982	3,018
Average Auto Occupancy (Includes Motorcycles)	2.09	1.75

I-95 (northbound) at Dumfries
 Non-HOV Lane Total
 Spring 2010 - 14 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers	Trucks			
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0
5:15 - 5:30	1,117	25	0	7	1.09	12.00	0	1,149	1,251	0	0	0	0	1,251	1	1,150	0	0
5:30 - 5:45	1,266	29	0	5	1.06	12.00	2	1,302	1,386	0	0	0	0	1,386	3	1,305	0	0
5:45 - 6:00	1,202	46	1	3	1.06	9.75	3	1,255	1,336	0	0	0	0	1,336	1	1,256	0	0
6:00 - 6:15	1,067	29	0	2	1.05	12.00	3	1,101	1,152	0	0	0	0	1,152	1	1,102	0	0
6:15 - 6:30	622	10	2	0	1.03	6.00	5	639	659	0	0	0	0	659	3	642	0	0
6:30 - 6:45	696	6	0	0	1.01	0.00	4	706	712	0	0	0	0	712	0	706	0	0
6:45 - 7:00	821	3	0	0	1.00	0.00	5	829	832	0	0	0	0	832	1	830	0	0
7:00 - 7:15	694	0	0	1	1.02	12.00	5	700	711	0	0	0	0	711	0	700	0	0
7:15 - 7:30	811	20	1	2	1.05	9.00	7	841	885	0	0	0	0	885	1	842	0	0
7:30 - 7:45	1,052	62	3	1	1.07	5.75	4	1,122	1,203	0	0	0	0	1,203	1	1,123	0	0
7:45 - 8:00	864	51	2	0	1.06	3.50	3	920	976	0	0	0	0	976	3	923	0	0
8:00 - 8:15	926	62	2	2	1.09	7.50	0	992	1,080	0	0	0	0	1,080	1	993	0	0
8:15 - 8:30	962	67	0	0	1.07	0.00	1	1,030	1,097	0	0	0	0	1,097	0	1,030	0	0
8:30 - 8:45	900	102	1	1	1.11	7.50	1	1,005	1,120	0	0	0	0	1,120	0	1,005	0	0
8:45 - 9:00	782	12	1	0	1.02	4.00	1	796	811	0	0	0	0	811	0	796	0	0
9:00 - 9:15	597	4	0	1	1.02	12.00	0	602	617	1	0	0	0	617	0	603	0	0
9:15 - 9:30	602	4	0	1	1.02	12.00	1	608	623	0	0	0	0	623	0	608	0	0
9:30 - 9:45	460	5	0	0	1.01	0.00	2	467	472	0	0	0	0	472	0	467	0	0
9:45 - 10:00	461	1	0	0	1.00	0.00	2	464	465	0	0	0	0	465	0	464	0	0

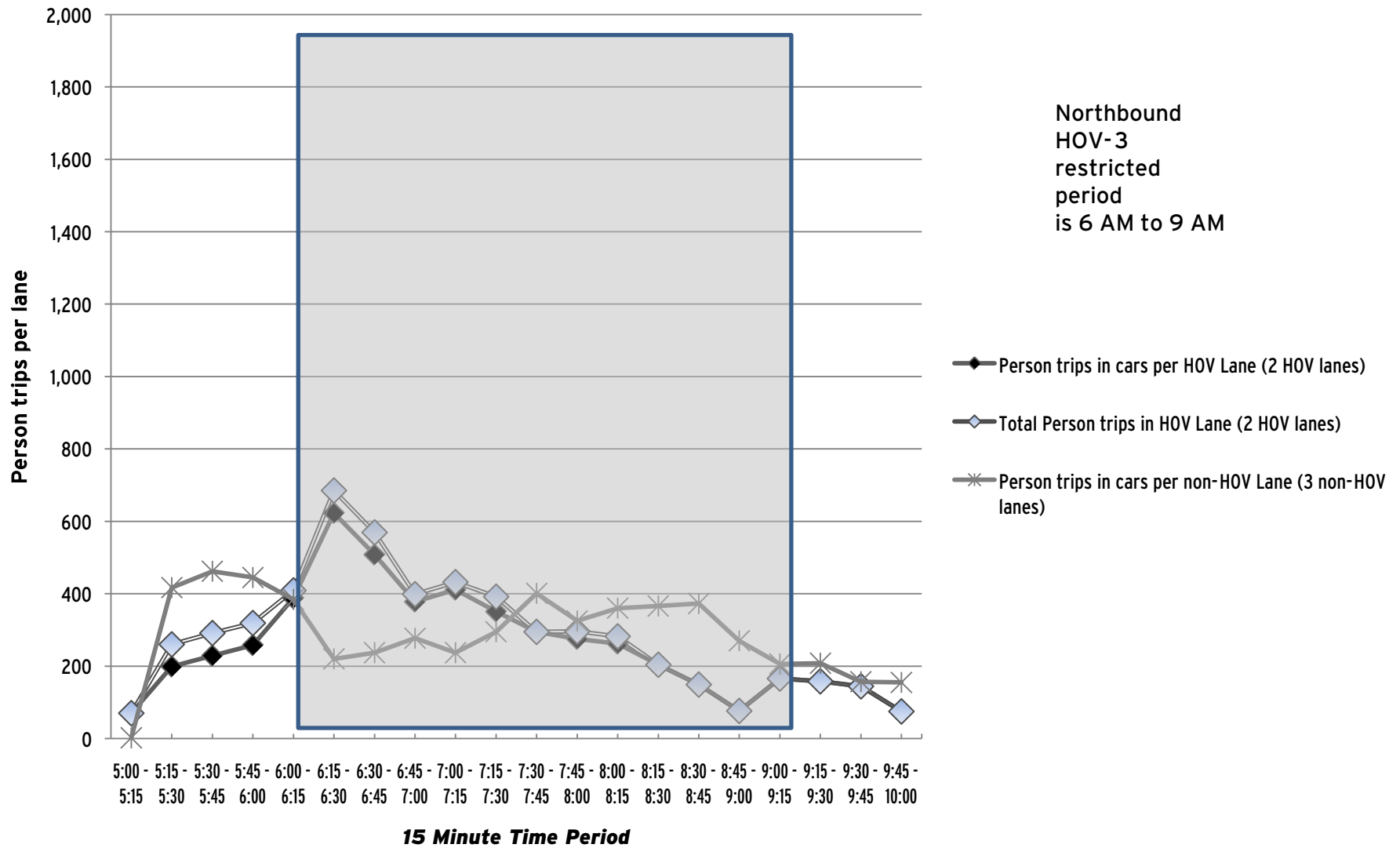
5-Hour Totals

Vehicles	15,903	539	14	26	N/A	N/A	49	16,531	17,394	1	0	0	0	17,394	16	16,548	0	0
Persons	15,903	1,078	52	312			49											

HOV Restricted

	5 Hours	Period	Peak Hour
		(6:00 AM - 9:00 AM)	(5:15 AM - 6:15 AM)
Highway Passengers	17,394	11,238	5,125
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	17,394	11,238	5,125
Autos and Motorcycles	16,531	10,681	4,807
Average Auto Occupancy (Includes Motorcycles)	1.05	1.05	1.07

I-95 Northbound north of Va. 234 (Dumfries Road) A.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-95 north of Newington
 All Lanes Total
 Spring 2010 - 4 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Passengers	Trucks			
5:00 - 5:15	1,316	31	0	3	1.05	12.00	10	1,360	1,424	0	8	0	205	1,629	21	1,389	0	0	
5:15 - 5:30	1,792	81	23	8	1.11	5.32	14	1,918	2,133	0	3	0	41	2,174	11	1,932	0	0	
5:30 - 5:45	2,409	67	17	16	1.11	7.36	14	2,523	2,800	0	9	0	287	3,087	32	2,564	0	0	
5:45 - 6:00	2,368	240	28	22	1.20	7.02	8	2,666	3,207	0	12	0	492	3,699	30	2,708	0	0	
6:00 - 6:15	2,093	82	185	53	1.43	5.06	28	2,441	3,490	0	12	0	410	3,900	21	2,474	0	0	
6:15 - 6:30	1,599	51	372	65	1.72	4.37	30	2,117	3,640	0	9	0	287	3,927	23	2,149	0	0	
6:30 - 6:45	1,492	61	466	40	1.69	3.74	48	2,107	3,554	0	22	0	738	4,292	41	2,170	0	0	
6:45 - 7:00	1,652	83	520	37	1.66	3.63	52	2,344	3,893	0	12	0	410	4,303	57	2,413	0	0	
7:00 - 7:15	1,464	168	525	20	1.66	3.36	41	2,218	3,673	0	14	0	451	4,124	61	2,293	0	0	
7:15 - 7:30	1,334	180	531	20	1.71	3.41	50	2,115	3,621	0	13	0	410	4,031	69	2,197	0	0	
7:30 - 7:45	1,399	191	370	8	1.53	3.28	34	2,002	3,054	0	11	0	451	3,505	64	2,077	0	0	
7:45 - 8:00	1,372	227	254	15	1.48	3.57	42	1,910	2,829	0	8	0	164	2,993	54	1,972	0	0	
8:00 - 8:15	1,285	215	184	9	1.41	3.52	34	1,727	2,428	0	13	0	533	2,961	81	1,821	0	0	
8:15 - 8:30	1,278	112	249	6	1.41	3.25	19	1,664	2,350	0	6	0	164	2,514	56	1,726	0	0	
8:30 - 8:45	1,363	198	165	4	1.34	3.34	27	1,757	2,351	0	7	0	164	2,515	69	1,833	0	0	
8:45 - 9:00	1,315	106	115	3	1.24	3.28	25	1,564	1,939	0	8	0	123	2,062	74	1,646	0	0	
9:00 - 9:15	1,532	101	61	2	1.14	3.30	11	1,707	1,953	0	17	0	123	2,076	53	1,777	0	0	
9:15 - 9:30	1,596	151	21	1	1.12	3.59	12	1,781	1,989	0	10	0	287	2,276	79	1,870	0	0	
9:30 - 9:45	1,423	193	19	0	1.14	3.26	10	1,645	1,881	0	3	0	123	2,004	63	1,712	0	0	
9:45 - 10:00	1,402	186	13	0	1.13	3.08	8	1,609	1,822	0	10	0	287	2,109	81	1,700	0	0	

5-Hour Totals

Vehicles	31,484	2,724	4,118	332	N/A	N/A	517	39,175	54,031	0	207	0	6,150	60,181	1,040	40,423	0	0
Persons	31,484	5,448	12,598	3,984			517											

HOV Restricted

	Period	Peak Hour
5 Hours	(6:00 AM - 9:00 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	60,181	41,127
Rail Passengers	0	0
Auto and Motorcycle Passengers	54,031	36,822
Autos and Motorcycles	39,175	23,966
Average Auto Occupancy (Includes Motorcycles)	1.38	1.54

I-95 north of Newington
 HOV Lane Total
 Spring 2010 - 4 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit					
5:00 - 5:15	684	25	0	2	1.07	12.00	10	721	768	0	5	0	205	973	21	747	0	0		
5:15 - 5:30	743	65	23	8	1.23	5.32	11	850	1,049	0	1	0	41	1,090	11	862	0	0		
5:30 - 5:45	921	44	17	15	1.24	7.22	10	1,007	1,250	0	7	0	287	1,537	3	1,017	0	0		
5:45 - 6:00	947	80	28	21	1.34	6.92	6	1,082	1,452	0	12	0	492	1,944	8	1,102	0	0		
6:00 - 6:15	671	61	184	53	2.03	5.07	28	997	2,023	0	10	0	410	2,433	11	1,018	0	0		
6:15 - 6:30	158	43	372	65	3.27	4.37	30	668	2,183	0	7	0	287	2,470	8	683	0	0		
6:30 - 6:45	154	49	465	40	2.90	3.74	47	755	2,188	0	18	0	738	2,926	8	781	0	0		
6:45 - 7:00	175	54	520	37	2.82	3.63	51	837	2,357	0	10	0	410	2,767	4	851	0	0		
7:00 - 7:15	146	51	522	20	2.71	3.36	40	779	2,111	0	11	0	451	2,562	4	794	0	0		
7:15 - 7:30	188	47	530	15	2.59	3.33	47	827	2,143	0	10	0	410	2,553	3	840	0	0		
7:30 - 7:45	187	99	366	6	2.34	3.23	34	692	1,622	0	11	0	451	2,073	3	706	0	0		
7:45 - 8:00	188	128	251	14	2.29	3.55	42	623	1,426	0	4	0	164	1,590	9	636	0	0		
8:00 - 8:15	208	148	183	7	2.05	3.43	33	579	1,189	0	13	0	533	1,722	15	607	0	0		
8:15 - 8:30	153	48	246	6	2.31	3.25	17	470	1,085	0	4	0	164	1,249	13	487	0	0		
8:30 - 8:45	143	66	162	3	2.11	3.30	27	401	846	0	4	0	164	1,010	13	418	0	0		
8:45 - 9:00	227	50	105	2	1.70	3.21	23	407	693	0	3	0	123	816	17	427	0	0		
9:00 - 9:15	489	66	60	0	1.30	3.02	10	625	812	0	3	0	123	935	3	631	0	0		
9:15 - 9:30	550	82	20	1	1.21	3.62	11	664	801	0	7	0	287	1,088	8	679	0	0		
9:30 - 9:45	497	98	14	0	1.21	3.36	9	618	749	0	3	0	123	872	14	635	0	0		
9:45 - 10:00	426	84	8	0	1.19	3.13	5	523	624	0	7	0	287	911	14	544	0	0		

5-Hour Totals

Vehicles	7,855	1,388	4,076	315	N/A	N/A	491	14,125	27,371	0	150	0	6,150	33,521	190	14,465	0	0
Persons	7,855	2,776	12,469	3,780			491											

HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (5:30 AM - 6:30 AM)
Highway Passengers	33,521	24,171
Rail Passengers	0	0
Auto and Motorcycle Passengers	27,371	19,866
Autos and Motorcycles	14,125	8,035
Average Auto Occupancy (Includes Motorcycles)	1.94	2.47

I-95 north of Newington
 Non-HOV Lane Total
 Spring 2010 - 4 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit	Other				
5:00 - 5:15	632	6	0	1	1.03	12.00	0	639	656	0	3	0	0	656	0	642	0	0		
5:15 - 5:30	1,049	16	0	0	1.01	0.00	3	1,068	1,084	0	2	0	0	1,084	0	1,070	0	0		
5:30 - 5:45	1,488	23	0	1	1.02	12.00	4	1,516	1,550	0	2	0	0	1,550	29	1,547	0	0		
5:45 - 6:00	1,421	160	0	1	1.11	12.00	2	1,584	1,755	0	0	0	0	1,755	22	1,606	0	0		
6:00 - 6:15	1,422	21	1	0	1.02	3.00	0	1,444	1,467	0	2	0	0	1,467	10	1,456	0	0		
6:15 - 6:30	1,441	8	0	0	1.01	0.00	0	1,449	1,457	0	2	0	0	1,457	15	1,466	0	0		
6:30 - 6:45	1,338	12	1	0	1.01	3.00	1	1,352	1,366	0	4	0	0	1,366	33	1,389	0	0		
6:45 - 7:00	1,477	29	0	0	1.02	0.00	1	1,507	1,536	0	2	0	0	1,536	53	1,562	0	0		
7:00 - 7:15	1,318	117	3	0	1.09	3.00	1	1,439	1,562	0	3	0	0	1,562	57	1,499	0	0		
7:15 - 7:30	1,146	133	1	5	1.15	10.50	3	1,288	1,478	0	3	0	0	1,478	66	1,357	0	0		
7:30 - 7:45	1,212	92	4	2	1.09	6.00	0	1,310	1,432	0	0	0	0	1,432	61	1,371	0	0		
7:45 - 8:00	1,184	99	3	1	1.09	5.25	0	1,287	1,403	0	4	0	0	1,403	45	1,336	0	0		
8:00 - 8:15	1,077	67	1	2	1.08	9.00	1	1,148	1,239	0	0	0	0	1,239	66	1,214	0	0		
8:15 - 8:30	1,125	64	3	0	1.06	3.33	2	1,194	1,265	0	2	0	0	1,265	43	1,239	0	0		
8:30 - 8:45	1,220	132	3	1	1.11	5.25	0	1,356	1,505	0	3	0	0	1,505	56	1,415	0	0		
8:45 - 9:00	1,088	56	10	1	1.08	4.00	2	1,157	1,246	0	5	0	0	1,246	57	1,219	0	0		
9:00 - 9:15	1,043	35	1	2	1.05	9.00	1	1,082	1,141	0	14	0	0	1,141	50	1,146	0	0		
9:15 - 9:30	1,046	69	1	0	1.06	3.00	1	1,117	1,188	0	3	0	0	1,188	71	1,191	0	0		
9:30 - 9:45	926	95	5	0	1.10	3.00	1	1,027	1,132	0	0	0	0	1,132	49	1,077	0	0		
9:45 - 10:00	976	102	5	0	1.10	3.00	3	1,086	1,198	0	3	0	0	1,198	67	1,156	0	0		

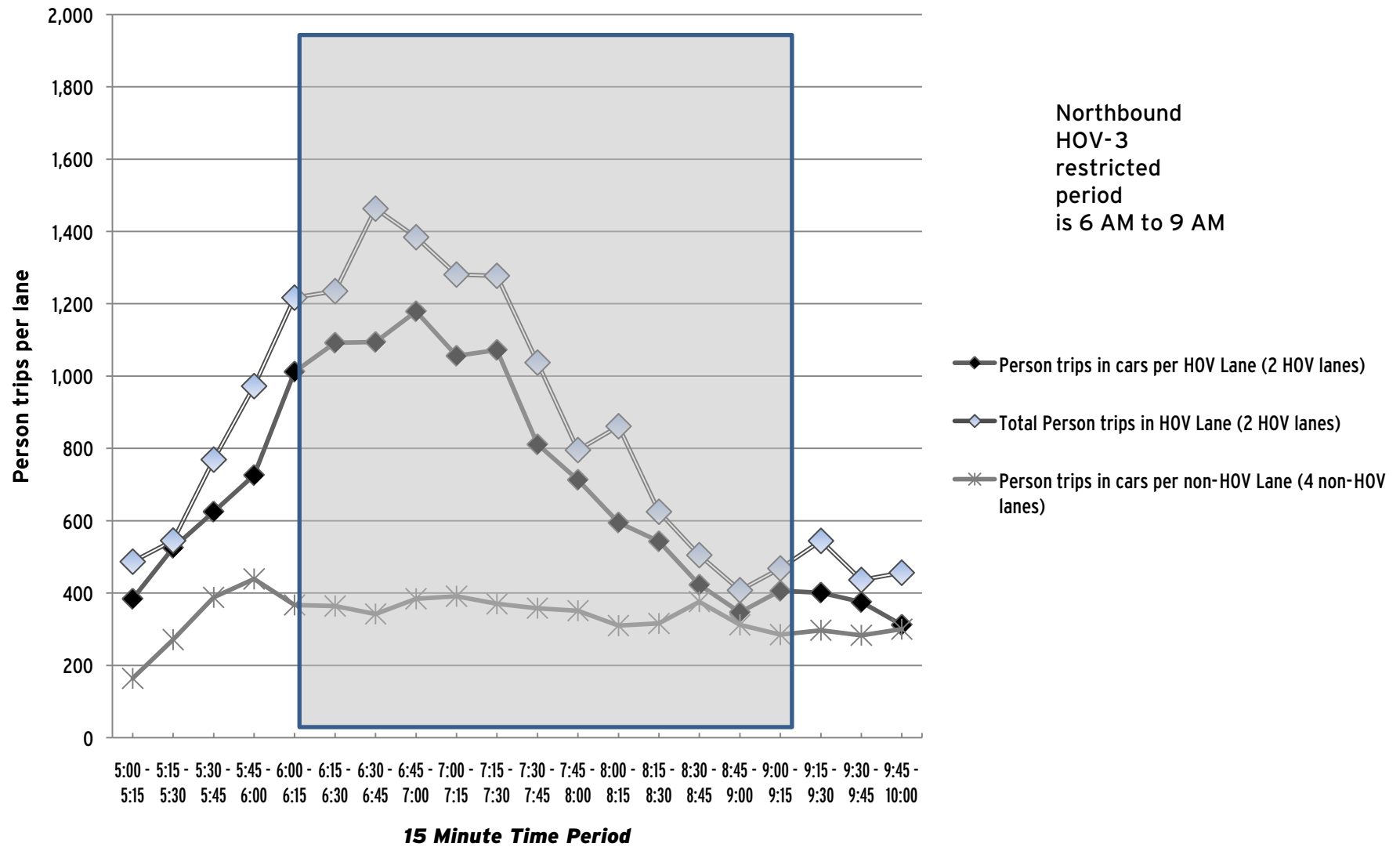
5-Hour Totals

Vehicles	23,629	1,336	42	17	N/A	N/A	26	25,050	26,660	0	57	0	0	26,660	850	25,958	0	0
Persons	23,629	2,672	129	204			26											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (5:30 AM - 6:30 AM)
Highway Passengers	26,660	16,956
Rail Passengers	0	0
Auto and Motorcycle Passengers	26,660	16,956
Autos and Motorcycles	25,050	15,931
Average Auto Occupancy (Includes Motorcycles)	1.06	1.04

I-95 Northbound north of Va. 7100 (Fairfax Co. Parkway) A.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-395 north between Va. 648 (Edsall Road) and Va. 236 (Duke Street)

All Lanes Total

Spring 2010 - 20 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks			
5:00 - 5:15	1,023	44	6	3	1.08	6.00	9	1,085	1,174	0	3	0	123	1,297	0	1,088	0	0	
5:15 - 5:30	1,698	36	2	4	1.05	9.00	11	1,751	1,835	0	7	0	246	2,081	4	1,762	0	0	
5:30 - 5:45	1,921	55	0	3	1.04	12.00	11	1,990	2,078	1	11	0	369	2,447	56	2,058	0	0	
5:45 - 6:00	1,921	2	0	6	1.04	12.00	12	1,941	2,009	1	10	0	328	2,337	44	1,996	648	0	
6:00 - 6:15	1,711	29	44	14	1.15	5.21	29	1,827	2,100	2	13	13	410	2,523	50	1,893	0	0	
6:15 - 6:30	1,233	127	437	43	1.80	3.84	23	1,863	3,353	6	7	142	164	3,659	183	2,059	0	0	
6:30 - 6:45	1,136	111	557	56	1.97	3.84	43	1,903	3,755	9	7	112	164	4,031	108	2,027	0	0	
6:45 - 7:00	1,151	164	588	14	1.76	3.21	44	1,961	3,455	12	5	111	41	3,607	74	2,052	1,676	0	
7:00 - 7:15	1,054	169	608	14	1.81	3.21	50	1,895	3,436	11	3	179	41	3,656	80	1,989	0	0	
7:15 - 7:30	994	128	660	8	1.86	3.14	28	1,818	3,375	7	9	72	287	3,734	76	1,911	1,173	0	
7:30 - 7:45	1,039	63	601	10	1.80	3.18	37	1,750	3,145	13	12	186	410	3,741	45	1,820	0	0	
7:45 - 8:00	1,110	97	523	9	1.72	3.22	34	1,773	3,052	5	4	88	82	3,222	52	1,834	1,218	0	
8:00 - 8:15	1,117	124	447	3	1.64	3.17	40	1,731	2,831	14	14	92	328	3,251	55	1,815	0	0	
8:15 - 8:30	1,097	76	369	3	1.58	3.23	29	1,574	2,480	15	9	129	246	2,855	91	1,689	1,037	0	
8:30 - 8:45	1,042	87	330	5	1.56	3.23	20	1,484	2,318	14	5	137	123	2,578	66	1,570	0	0	
8:45 - 9:00	1,158	120	319	6	1.52	3.22	25	1,628	2,471	7	4	86	82	2,639	68	1,707	635	0	
9:00 - 9:15	1,607	156	177	3	1.28	3.18	7	1,950	2,499	5	4	41	82	2,622	82	2,041	0	0	
9:15 - 9:30	1,778	182	19	9	1.16	6.04	6	1,994	2,317	1	3	0	82	2,399	66	2,065	0	0	
9:30 - 9:45	1,716	163	26	6	1.15	4.72	3	1,914	2,196	1	5	0	164	2,360	92	2,014	0	0	
9:45 - 10:00	1,316	89	4	4	1.10	7.63	8	1,421	1,563	4	6	1	123	1,687	93	1,524	0	0	

5-Hour Totals

Vehicles	26,822	2,022	5,717	223	N/A	N/A	469	35,253	51,442	128	141	1,389	3,895	56,726	1,385	36,914	6,387	0
Persons	26,822	4,044	17,431	2,676			469											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	56,726	39,496
Rail Passengers	6,387	5,739
Auto and Motorcycle Passengers	51,442	35,771
Autos and Motorcycles	35,253	21,207
Average Auto Occupancy (Includes Motorcycles)	1.46	1.69

Rail system patronage 5 AM to 9 AM only

I-395 north between Va. 648 (Edsall Road) and Va. 236 (Duke Street)

HOV Lane Total

Spring 2010 - 20 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	354	0	0	2	1.06	12.00	7	363	385	0	3	0	123	508	0	366	0	0		
5:15 - 5:30	660	0	0	1	1.02	12.00	9	670	681	0	6	0	246	927	4	680	0	0		
5:30 - 5:45	806	0	0	2	1.03	12.00	8	816	838	0	9	0	369	1,207	2	827	0	0		
5:45 - 6:00	787	2	0	6	1.08	12.00	10	805	873	0	8	0	328	1,201	6	819	0	0		
6:00 - 6:15	407	0	42	10	1.40	4.73	24	483	677	1	10	13	410	1,100	2	496	0	0		
6:15 - 6:30	127	0	430	35	3.05	3.78	21	613	1,870	4	4	142	164	2,176	4	625	0	0		
6:30 - 6:45	88	4	545	52	3.29	3.83	42	731	2,406	4	4	112	164	2,682	2	741	0	0		
6:45 - 7:00	95	4	580	11	2.76	3.17	42	732	2,017	6	1	111	41	2,169	1	740	0	0		
7:00 - 7:15	91	5	589	9	2.75	3.14	38	732	2,016	7	1	179	41	2,236	4	744	0	0		
7:15 - 7:30	46	6	642	3	2.86	3.15	24	721	2,062	3	7	72	287	2,421	3	734	0	0		
7:30 - 7:45	49	7	600	4	2.83	3.18	36	696	1,967	9	10	186	410	2,563	3	718	0	0		
7:45 - 8:00	54	2	516	7	2.87	3.35	32	611	1,756	4	2	88	82	1,926	7	624	0	0		
8:00 - 8:15	45	11	440	2	2.80	3.54	36	534	1,496	5	8	92	328	1,916	5	552	0	0		
8:15 - 8:30	57	1	365	2	2.82	3.78	21	446	1,256	8	6	129	246	1,631	3	463	0	0		
8:30 - 8:45	32	3	326	2	2.86	3.48	18	381	1,089	9	3	137	123	1,349	2	395	0	0		
8:45 - 9:00	48	1	313	3	2.76	3.34	20	385	1,064	4	2	86	82	1,232	5	396	0	0		
9:00 - 9:15	485	30	169	0	1.54	3.11	6	690	1,064	4	2	41	82	1,187	8	704	0	0		
9:15 - 9:30	719	84	9	1	1.14	6.00	5	818	934	0	2	0	82	1,016	2	822	0	0		
9:30 - 9:45	617	65	12	2	1.16	4.29	2	698	809	0	4	0	164	973	6	710	0	0		
9:45 - 10:00	380	50	3	0	1.13	5.00	5	438	495	1	3	1	123	619	4	446	0	0		

5-Hour Totals

Vehicles	5,947	275	5,581	154	N/A	N/A	406	12,363	25,755	69	95	1,389	3,895	31,039	73	12,602	0	0
Persons	5,947	550	17,004	1,848			406											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	31,039	23,401
Rail Passengers	0	0
Auto and Motorcycle Passengers	25,755	19,676
Autos and Motorcycles	12,363	7,065
Average Auto Occupancy (Includes Motorcycles)	2.08	2.78

I-395 north between Va. 648 (Edsall Road) and Va. 236 (Duke Street)

Non-HOV Lane Total (contains factored data in Lane 1)

Spring 2010 - 20 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+ MC Riders	Trucks			
5:00 - 5:15	669	44	6	1	1.09	4.29	2	722	789	0	0	0	0	789	0	722	0	0
5:15 - 5:30	1,038	36	2	3	1.07	8.40	2	1,081	1,154	0	1	0	0	1,154	0	1,082	0	0
5:30 - 5:45	1,115	55	0	1	1.06	12.00	3	1,174	1,240	1	2	0	0	1,240	54	1,231	0	0
5:45 - 6:00	1,134	0	0	0	1.00	0.00	2	1,136	1,136	1	2	0	0	1,136	38	1,177	0	0
6:00 - 6:15	1,304	29	2	4	1.06	9.33	5	1,344	1,423	1	3	0	0	1,423	48	1,397	0	0
6:15 - 6:30	1,106	127	7	8	1.19	8.07	2	1,250	1,483	2	3	0	0	1,483	179	1,434	0	0
6:30 - 6:45	1,048	107	12	4	1.15	5.38	1	1,172	1,349	5	3	0	0	1,349	106	1,286	0	0
6:45 - 7:00	1,056	160	8	3	1.17	5.45	2	1,229	1,438	6	4	0	0	1,438	73	1,312	0	0
7:00 - 7:15	963	164	19	5	1.22	4.88	12	1,163	1,420	4	2	0	0	1,420	76	1,245	0	0
7:15 - 7:30	948	122	18	5	1.20	5.09	4	1,097	1,313	4	2	0	0	1,313	73	1,177	0	0
7:30 - 7:45	990	56	1	6	1.12	10.71	1	1,054	1,178	4	2	0	0	1,178	42	1,102	0	0
7:45 - 8:00	1,056	95	7	2	1.12	5.33	2	1,162	1,296	1	2	0	0	1,296	45	1,210	0	0
8:00 - 8:15	1,072	113	7	1	1.12	4.13	4	1,197	1,335	9	6	0	0	1,335	50	1,263	0	0
8:15 - 8:30	1,040	75	4	1	1.09	5.20	8	1,128	1,224	7	3	0	0	1,224	88	1,226	0	0
8:30 - 8:45	1,010	84	4	3	1.11	7.00	2	1,103	1,229	5	2	0	0	1,229	64	1,175	0	0
8:45 - 9:00	1,110	119	6	3	1.13	6.00	5	1,243	1,407	3	2	0	0	1,407	63	1,311	0	0
9:00 - 9:15	1,122	126	8	3	1.14	5.45	1	1,260	1,435	1	2	0	0	1,435	74	1,337	0	0
9:15 - 9:30	1,059	98	10	8	1.18	7.06	1	1,176	1,383	1	1	0	0	1,383	64	1,243	0	0
9:30 - 9:45	1,099	98	14	4	1.14	5.06	1	1,216	1,387	1	1	0	0	1,387	86	1,304	0	0
9:45 - 10:00	936	39	1	4	1.09	10.20	3	983	1,068	3	3	0	0	1,068	89	1,078	0	0

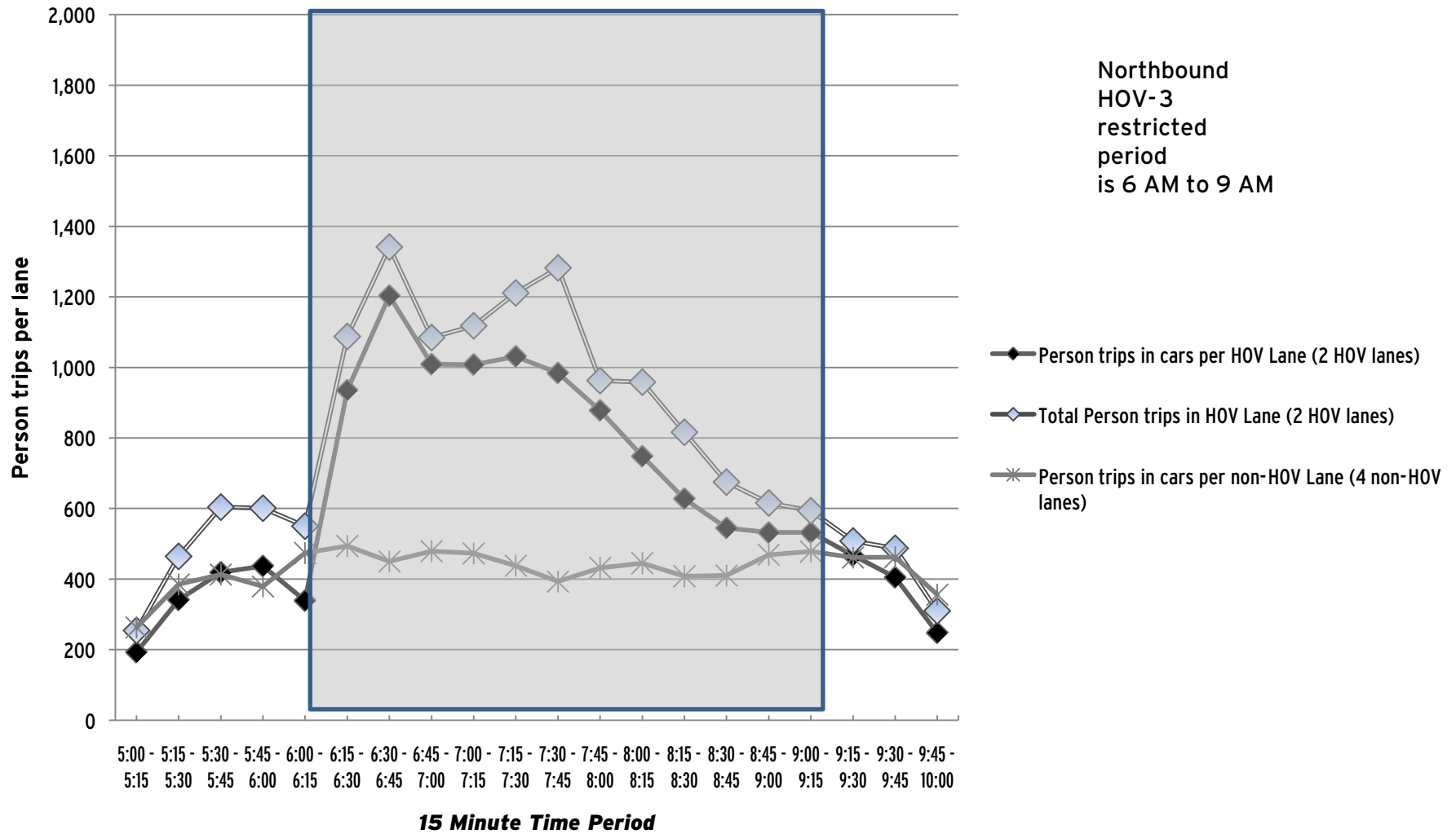
5-Hour Totals

Vehicles	20,875	1,747	136	69	N/A	N/A	63	22,890	25,687	59	46	0	0	25,687	1,312	24,312	0	0
Persons	20,875	3,494	427	828			63											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	25,687	16,095
Rail Passengers	0	0
Auto and Motorcycle Passengers	25,687	16,095
Autos and Motorcycles	22,890	14,142
Average Auto Occupancy (Includes Motorcycles)	1.12	1.14

I-395 Northbound between Va. 648 (Edsall Road) and Va. 236 (Duke Street) Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-395 northbound between Va. 120 (S. Glebe Road) and Arlington Ridge Road

All Lanes Total

Spring 2010 - 29 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers					
5:00 - 5:15	40	2	2	0	1.14	3.00	0	44	50	0	3	0	123	173	0	44	0	0	
5:15 - 5:30	1,360	10	143	6	1.24	3.38	5	1,524	1,889	0	2	0	82	1,971	2	1,527	0	0	
5:30 - 5:45	1,919	33	407	16	1.43	3.34	13	2,388	3,411	1	7	39	287	3,737	10	2,398	0	0	
5:45 - 6:00	1,998	5	353	6	1.33	3.15	12	2,374	3,151	3	6	31	246	3,428	7	2,383	0	0	
6:00 - 6:15	1,774	26	364	32	1.50	3.73	17	2,213	3,321	7	9	127	369	3,817	18	2,232	0	0	
6:15 - 6:30	1,133	68	264	57	1.79	4.61	25	1,547	2,775	15	7	357	287	3,419	7	1,555	0	0	
6:30 - 6:45	1,541	111	543	94	1.97	4.35	22	2,311	4,553	12	10	235	410	5,198	22	2,335	0	0	
6:45 - 7:00	1,853	137	648	27	1.66	3.47	46	2,711	4,513	18	9	340	369	5,222	29	2,740	0	0	
7:00 - 7:15	1,877	136	624	20	1.60	3.29	37	2,694	4,304	20	8	501	328	5,133	19	2,713	0	0	
7:15 - 7:30	1,822	118	603	23	1.61	3.35	38	2,604	4,191	12	7	246	287	4,724	20	2,625	0	0	
7:30 - 7:45	2,242	36	645	9	1.49	3.19	31	2,963	4,429	32	8	672	328	5,429	16	2,979	0	0	
7:45 - 8:00	2,168	227	669	5	1.55	3.18	38	3,107	4,803	22	5	489	205	5,497	9	3,116	0	0	
8:00 - 8:15	2,155	135	615	9	1.50	3.14	43	2,957	4,426	20	4	398	164	4,988	20	2,977	0	0	
8:15 - 8:30	2,029	203	470	3	1.44	3.10	28	2,733	3,931	20	2	400	82	4,413	17	2,750	0	0	
8:30 - 8:45	1,855	372	269	9	1.40	3.30	23	2,528	3,539	28	4	508	164	4,211	16	2,544	0	0	
8:45 - 9:00	1,401	125	253	11	1.42	3.39	33	1,823	2,580	16	0	294	0	2,874	17	1,841	0	0	
9:00 - 9:15	1,913	227	174	24	1.36	4.11	15	2,353	3,196	13	0	198	0	3,394	31	2,385	0	0	
9:15 - 9:30	2,070	235	29	10	1.17	5.36	10	2,354	2,759	9	0	107	0	2,866	14	2,369	0	0	
9:30 - 9:45	1,779	247	32	9	1.20	5.12	15	2,082	2,498	2	1	36	41	2,575	33	2,116	0	0	
9:45 - 10:00	1,663	189	5	19	1.22	10.13	8	1,884	2,292	6	0	32	0	2,324	19	1,905	0	0	

5-Hour Totals

Vehicles	34,592	2,642	7,112	389	N/A	N/A	459	45,194	66,611	256	92	5,010	3,772	75,393	326	45,534	0	0
Persons	34,592	5,284	21,608	4,668			459											

HOV Restricted

	Period	Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	7:30 AM - 8:30 AM
Highway Passengers	75,393	54,925
Rail Passengers	0	0
Auto and Motorcycle Passengers	66,611	47,365
Autos and Motorcycles	45,194	30,191
Average Auto Occupancy (Includes Motorcycles)	1.47	1.57

I-395 northbound between Va. 120 (S. Glebe Road) and Arlington Ridge Road
 HOV Lane Total
 Spring 2010 - 29 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	2	2	2	0	2.00	3.00	0	6	12	0	3	0	123	135	0	6	0	0		
5:15 - 5:30	294	10	142	6	1.79	3.36	5	457	817	0	2	0	82	899	2	460	0	0		
5:30 - 5:45	379	2	407	14	2.19	3.30	10	812	1,782	1	7	39	287	2,108	9	821	0	0		
5:45 - 6:00	392	2	352	4	1.99	3.10	10	760	1,510	1	6	31	246	1,787	5	765	0	0		
6:00 - 6:15	308	1	360	32	2.49	3.73	17	718	1,791	6	9	127	369	2,287	17	735	0	0		
6:15 - 6:30	119	28	260	53	3.35	4.60	24	484	1,620	14	7	357	287	2,264	6	490	0	0		
6:30 - 6:45	98	16	541	79	3.62	4.20	21	755	2,733	10	10	235	410	3,378	18	773	0	0		
6:45 - 7:00	118	25	641	16	2.84	3.70	44	844	2,396	18	9	340	369	3,105	19	863	0	0		
7:00 - 7:15	94	23	621	10	2.76	3.18	37	785	2,166	20	8	501	328	2,995	11	796	0	0		
7:15 - 7:30	125	27	596	13	2.72	3.25	34	795	2,165	11	7	246	287	2,698	13	808	0	0		
7:30 - 7:45	147	3	641	8	2.70	3.39	31	830	2,244	32	8	672	328	3,244	16	846	0	0		
7:45 - 8:00	108	3	668	5	2.80	3.58	34	818	2,288	22	5	489	205	2,982	9	827	0	0		
8:00 - 8:15	100	52	614	6	2.66	3.11	43	815	2,165	20	4	398	164	2,727	17	832	0	0		
8:15 - 8:30	97	12	466	1	2.62	3.20	27	603	1,578	20	2	400	82	2,060	13	616	0	0		
8:30 - 8:45	111	18	267	8	2.50	3.29	23	427	1,069	28	4	508	164	1,741	13	440	0	0		
8:45 - 9:00	150	22	249	1	2.18	3.10	33	455	990	15	0	294	0	1,284	15	470	0	0		
9:00 - 9:15	526	70	163	1	1.53	3.05	14	774	1,181	12	0	198	0	1,379	22	796	0	0		
9:15 - 9:30	738	122	22	2	1.21	3.96	7	891	1,080	8	0	107	0	1,187	9	900	0	0		
9:30 - 9:45	675	108	14	2	1.19	4.13	12	811	969	2	1	36	41	1,046	28	840	0	0		
9:45 - 10:00	577	98	2	2	1.18	7.50	8	687	811	4	0	32	0	843	14	701	0	0		

5-Hour Totals

Vehicles	5,158	644	7,028	263	N/A	N/A	434	13,527	31,367	244	92	5,010	3,772	40,149	256	13,785	0	0
Persons	5,158	1,288	21,331	3,156			434											

HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	40,149	30,765
Rail Passengers	0	0
Auto and Motorcycle Passengers	31,367	23,205
Autos and Motorcycles	13,527	8,329
Average Auto Occupancy (Includes Motorcycles)	2.32	2.79

I-395 northbound between Va. 120 (S. Glebe Road) and Arlington Ridge Road
 Non-HOV Lane Total
 Spring 2010 - 29 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers					
5:00 - 5:15	38	0	0	0	1.00	0.00	0	38	38	0	0	0	0	38	0	38	0	0	
5:15 - 5:30	1,066	0	1	0	1.00	6.00	0	1,067	1,072	0	0	0	0	1,072	0	1,067	0	0	
5:30 - 5:45	1,540	31	0	2	1.03	12.00	3	1,576	1,629	0	0	0	0	1,629	1	1,577	0	0	
5:45 - 6:00	1,606	3	1	2	1.02	9.00	2	1,614	1,641	2	0	0	0	1,641	2	1,618	0	0	
6:00 - 6:15	1,466	25	4	0	1.02	3.50	0	1,495	1,530	1	0	0	0	1,530	1	1,497	0	0	
6:15 - 6:30	1,014	40	4	4	1.09	7.50	1	1,063	1,155	1	0	0	0	1,155	1	1,065	0	0	
6:30 - 6:45	1,443	95	2	15	1.17	10.94	1	1,556	1,820	2	0	0	0	1,820	4	1,562	0	0	
6:45 - 7:00	1,735	112	7	11	1.13	8.67	2	1,867	2,117	0	0	0	0	2,117	10	1,877	0	0	
7:00 - 7:15	1,783	113	3	10	1.12	9.92	0	1,909	2,138	0	0	0	0	2,138	8	1,917	0	0	
7:15 - 7:30	1,697	91	7	10	1.12	8.41	4	1,809	2,026	1	0	0	0	2,026	7	1,817	0	0	
7:30 - 7:45	2,095	33	4	1	1.02	4.80	0	2,133	2,185	0	0	0	0	2,185	0	2,133	0	0	
7:45 - 8:00	2,060	224	1	0	1.10	3.00	4	2,289	2,515	0	0	0	0	2,515	0	2,289	0	0	
8:00 - 8:15	2,055	83	1	3	1.06	10.00	0	2,142	2,261	0	0	0	0	2,261	3	2,145	0	0	
8:15 - 8:30	1,932	191	4	2	1.10	6.33	1	2,130	2,353	0	0	0	0	2,353	4	2,134	0	0	
8:30 - 8:45	1,744	354	2	1	1.18	6.00	0	2,101	2,470	0	0	0	0	2,470	3	2,104	0	0	
8:45 - 9:00	1,251	103	4	10	1.16	9.50	0	1,368	1,590	1	0	0	0	1,590	2	1,371	0	0	
9:00 - 9:15	1,387	157	11	23	1.28	9.21	1	1,579	2,015	1	0	0	0	2,015	9	1,589	0	0	
9:15 - 9:30	1,332	113	7	8	1.15	7.87	3	1,463	1,679	1	0	0	0	1,679	5	1,469	0	0	
9:30 - 9:45	1,104	139	18	7	1.20	5.76	3	1,271	1,529	0	0	0	0	1,529	5	1,276	0	0	
9:45 - 10:00	1,086	91	3	17	1.24	10.65	0	1,197	1,481	2	0	0	0	1,481	5	1,204	0	0	

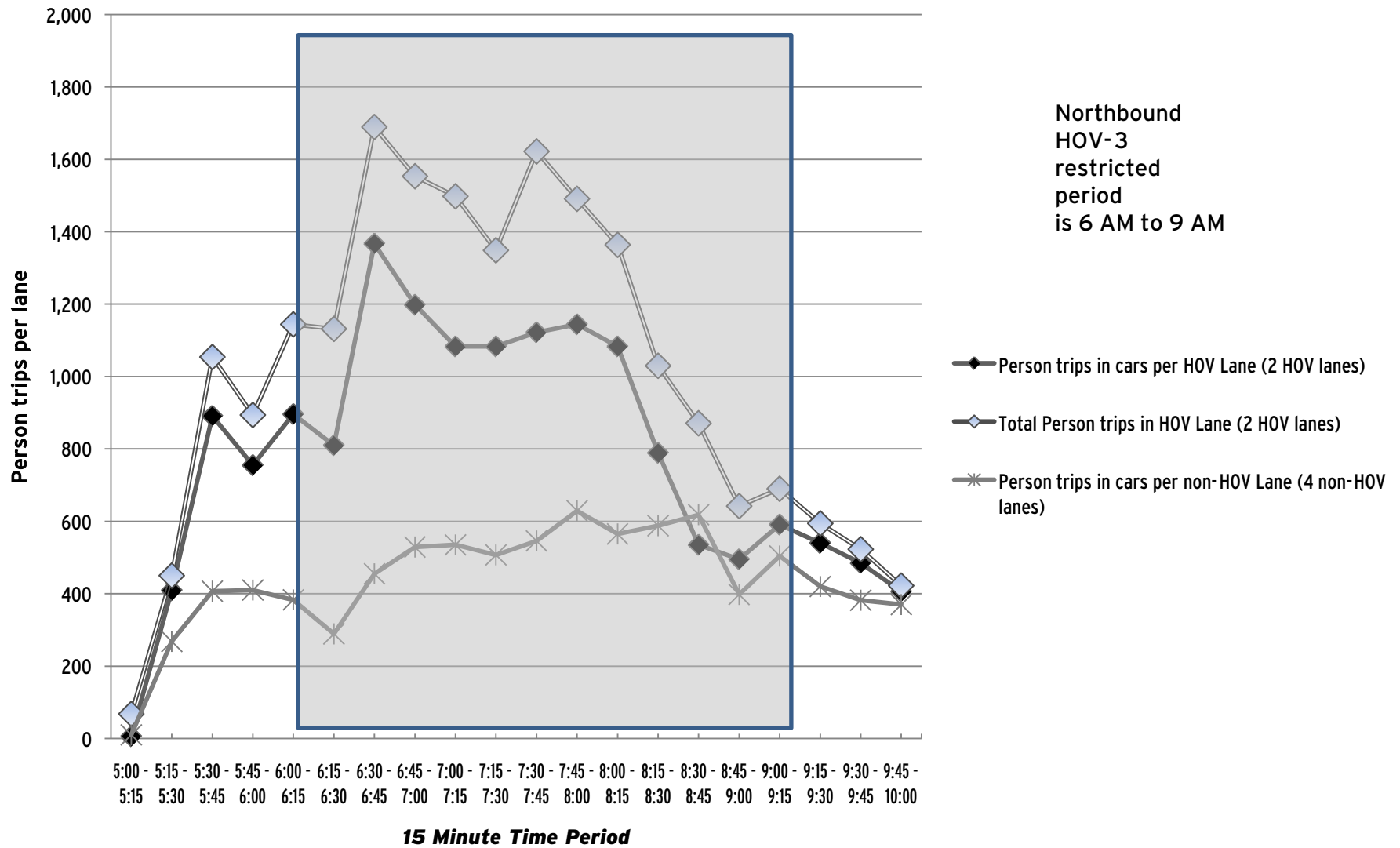
5-Hour Totals

Vehicles	29,434	1,998	84	126	N/A	N/A	25	31,667	35,244	12	0	0	0	35,244	70	31,749	0	0
Persons	29,434	3,996	277	1,512			25											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	35,244	24,160
Rail Passengers	0	0
Auto and Motorcycle Passengers	35,244	24,160
Autos and Motorcycles	31,667	21,862
Average Auto Occupancy (Includes Motorcycles)	1.11	1.07

I-395 Northbound at Va. 120 (S. Glebe Road) A.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-395 (northbound) at the Pentagon
 All Lanes Total
 Spring 2010 - 4 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	Trucks			
5:00 - 5:15	507	7	1	2	1.06	9.00	3	520	551	0	0	0	0	551	2	522	0	0	
5:15 - 5:30	1,357	35	3	5	1.07	8.63	4	1,404	1,500	0	0	0	0	1,500	3	1,407	0	0	
5:30 - 5:45	1,822	29	0	18	1.12	12.00	17	1,886	2,113	0	0	0	0	2,113	6	1,892	0	0	
5:45 - 6:00	2,095	23	1	10	1.06	11.18	14	2,143	2,278	1	0	7	0	2,285	9	2,153	856	0	
6:00 - 6:15	1,955	47	30	31	1.21	7.57	24	2,087	2,535	2	0	24	0	2,559	9	2,098	0	0	
6:15 - 6:30	1,665	179	41	53	1.43	8.09	16	1,954	2,799	1	0	6	0	2,805	5	1,960	0	0	
6:30 - 6:45	1,645	250	72	75	1.59	7.62	19	2,061	3,284	1	0	19	0	3,303	2	2,064	0	0	
6:45 - 7:00	1,715	275	123	22	1.35	4.38	25	2,160	2,925	5	0	90	0	3,015	9	2,174	3,012	0	
7:00 - 7:15	1,702	298	122	5	1.28	3.43	19	2,146	2,752	0	0	0	0	2,752	1	2,147	0	0	
7:15 - 7:30	1,467	253	76	6	1.26	3.78	24	1,826	2,307	3	0	105	0	2,412	2	1,831	2,848	0	
7:30 - 7:45	1,880	241	232	5	1.32	3.22	8	2,366	3,134	2	0	42	0	3,176	9	2,377	0	0	
7:45 - 8:00	2,116	264	181	7	1.27	3.36	14	2,582	3,290	1	0	28	0	3,318	9	2,592	3,181	0	
8:00 - 8:15	2,147	247	156	3	1.23	3.21	29	2,582	3,180	3	0	95	0	3,275	9	2,594	0	0	
8:15 - 8:30	2,201	192	92	5	1.17	3.52	15	2,505	2,941	1	0	10	0	2,951	13	2,519	3,652	0	
8:30 - 8:45	2,197	193	84	3	1.16	3.33	29	2,506	2,902	3	0	64	0	2,966	19	2,528	0	0	
8:45 - 9:00	1,598	186	51	5	1.19	3.91	13	1,853	2,202	2	0	55	0	2,257	2	1,857	2,807	0	
9:00 - 9:15	1,405	217	25	8	1.21	5.27	15	1,670	2,028	1	0	0	0	2,028	9	1,680	0	0	
9:15 - 9:30	1,767	183	28	5	1.15	4.55	9	1,992	2,292	2	0	57	0	2,349	18	2,012	0	0	
9:30 - 9:45	1,691	194	18	7	1.16	5.64	3	1,913	2,223	0	0	0	0	2,223	11	1,924	0	0	
9:45 - 10:00	1,237	153	18	11	1.22	6.59	9	1,428	1,743	1	0	17	0	1,760	2	1,431	0	0	

5-Hour Totals

Vehicles	34,169	3,466	1,354	286	N/A	N/A	309	39,584	48,979	29	0	619	0	49,598	149	39,762	16,356	0
Persons	34,169	6,932	4,137	3,432			309											

I-395 HOV Restricted

	Period	Peak Hour	
5 Hours	(6:00 AM - 9:00 AM)	(7:45 AM - 8:45 AM)	
Highway Passengers	49,598	34,789	12,510
Rail Passengers	16,356	15,500	6,833
Auto and Motorcycle Passengers	48,979	34,251	12,313
Autos and Motorcycles	39,584	26,628	10,175
Average Auto Occupancy (Includes Motorcycles)	1.24	1.29	1.21

I-395 (northbound) at the Pentagon
 HOV Lane Total
 Spring 2010 - 4 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit					
5:00 - 5:15	266	4	0	1	1.05	12.00	3	274	289	0	0	0	0	289	1	275	0	0		
5:15 - 5:30	671	5	0	4	1.07	12.00	1	681	730	0	0	0	0	730	2	683	0	0		
5:30 - 5:45	853	8	0	15	1.19	12.00	14	890	1,063	0	0	0	0	1,063	3	893	0	0		
5:45 - 6:00	943	6	1	7	1.09	10.88	13	970	1,055	1	0	7	0	1,062	4	975	0	0		
6:00 - 6:15	737	19	26	28	1.46	7.67	18	828	1,207	1	0	24	0	1,231	7	836	0	0		
6:15 - 6:30	410	121	35	44	2.08	8.01	14	624	1,299	1	0	6	0	1,305	4	629	0	0		
6:30 - 6:45	376	153	63	61	2.42	7.57	17	670	1,622	1	0	19	0	1,641	0	671	0	0		
6:45 - 7:00	391	128	116	17	1.81	4.19	23	675	1,223	3	0	90	0	1,313	6	684	0	0		
7:00 - 7:15	366	148	106	4	1.64	3.43	17	641	1,049	0	0	0	0	1,049	1	642	0	0		
7:15 - 7:30	262	112	66	4	1.63	3.69	20	464	757	3	0	105	0	862	1	468	0	0		
7:30 - 7:45	524	92	223	4	1.69	3.23	8	851	1,437	2	0	42	0	1,479	6	859	0	0		
7:45 - 8:00	648	81	173	6	1.54	3.40	13	921	1,418	1	0	28	0	1,446	5	927	0	0		
8:00 - 8:15	557	85	149	1	1.49	3.20	26	818	1,217	3	0	95	0	1,312	5	826	0	0		
8:15 - 8:30	582	73	87	3	1.37	3.50	13	758	1,042	1	0	10	0	1,052	9	768	0	0		
8:30 - 8:45	644	94	82	2	1.33	3.27	21	843	1,124	3	0	64	0	1,188	12	858	0	0		
8:45 - 9:00	459	96	42	4	1.37	4.12	11	612	839	2	0	55	0	894	2	616	0	0		
9:00 - 9:15	540	98	18	7	1.31	5.79	12	675	887	0	0	0	0	887	4	679	0	0		
9:15 - 9:30	570	61	15	4	1.21	6.00	4	654	792	2	0	57	0	849	9	665	0	0		
9:30 - 9:45	612	84	11	4	1.21	5.86	1	712	863	0	0	0	0	863	5	717	0	0		
9:45 - 10:00	382	89	13	10	1.46	8.58	5	499	728	1	0	17	0	745	1	501	0	0		

5-Hour Totals

Vehicles	10,793	1,557	1,226	230	N/A	N/A	254	14,060	20,641	25	0	619	0	21,260	87	14,172	0	0
Persons	10,793	3,114	3,720	2,760			254											

I-395 HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:45 AM - 8:45 AM)
Highway Passengers	21,260	14,772
Rail Passengers	0	0
Auto and Motorcycle Passengers	20,641	14,234
Autos and Motorcycles	14,060	8,705
Average Auto Occupancy (Includes Motorcycles)	1.47	1.64

I-395 (northbound) at the Pentagon
 Non-HOV Lane Total
 Spring 2010 - 4 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ Bus Passengers	+ MC Riders				
5:00 - 5:15	241	3	1	1	1.07	7.50	0	246	262	0	0	0	0	0	0	262	1	247	0	0
5:15 - 5:30	686	30	3	1	1.07	5.25	3	723	770	0	0	0	0	0	0	770	1	724	0	0
5:30 - 5:45	969	21	0	3	1.05	12.00	3	996	1,050	0	0	0	0	0	0	1,050	3	999	0	0
5:45 - 6:00	1,152	17	0	3	1.04	12.00	1	1,173	1,223	0	0	0	0	0	0	1,223	5	1,178	0	0
6:00 - 6:15	1,218	28	4	3	1.05	6.86	6	1,259	1,328	1	0	0	0	0	0	1,328	2	1,262	0	0
6:15 - 6:30	1,255	58	6	9	1.13	8.47	2	1,330	1,500	0	0	0	0	0	0	1,500	1	1,331	0	0
6:30 - 6:45	1,269	97	9	14	1.19	8.57	2	1,391	1,662	0	0	0	0	0	0	1,662	2	1,393	0	0
6:45 - 7:00	1,324	147	7	5	1.15	6.83	2	1,485	1,702	2	0	0	0	0	0	1,702	3	1,490	0	0
7:00 - 7:15	1,336	150	16	1	1.13	3.82	2	1,505	1,703	0	0	0	0	0	0	1,703	0	1,505	0	0
7:15 - 7:30	1,205	141	10	2	1.14	4.92	4	1,362	1,550	0	0	0	0	0	0	1,550	1	1,363	0	0
7:30 - 7:45	1,356	149	9	1	1.12	4.30	0	1,515	1,697	0	0	0	0	0	0	1,697	3	1,518	0	0
7:45 - 8:00	1,468	183	8	1	1.13	4.11	1	1,661	1,872	0	0	0	0	0	0	1,872	4	1,665	0	0
8:00 - 8:15	1,590	162	7	2	1.11	5.11	3	1,764	1,963	0	0	0	0	0	0	1,963	4	1,768	0	0
8:15 - 8:30	1,619	119	5	2	1.09	5.71	2	1,747	1,899	0	0	0	0	0	0	1,899	4	1,751	0	0
8:30 - 8:45	1,553	99	2	1	1.07	6.33	8	1,663	1,778	0	0	0	0	0	0	1,778	7	1,670	0	0
8:45 - 9:00	1,139	90	9	1	1.10	4.20	2	1,241	1,363	0	0	0	0	0	0	1,363	0	1,241	0	0
9:00 - 9:15	865	119	7	1	1.15	4.38	3	995	1,141	1	0	0	0	0	0	1,141	5	1,001	0	0
9:15 - 9:30	1,197	122	13	1	1.12	3.86	5	1,338	1,500	0	0	0	0	0	0	1,500	9	1,347	0	0
9:30 - 9:45	1,079	110	7	3	1.13	5.90	2	1,201	1,360	0	0	0	0	0	0	1,360	6	1,207	0	0
9:45 - 10:00	855	64	5	1	1.09	4.67	4	929	1,015	0	0	0	0	0	0	1,015	1	930	0	0

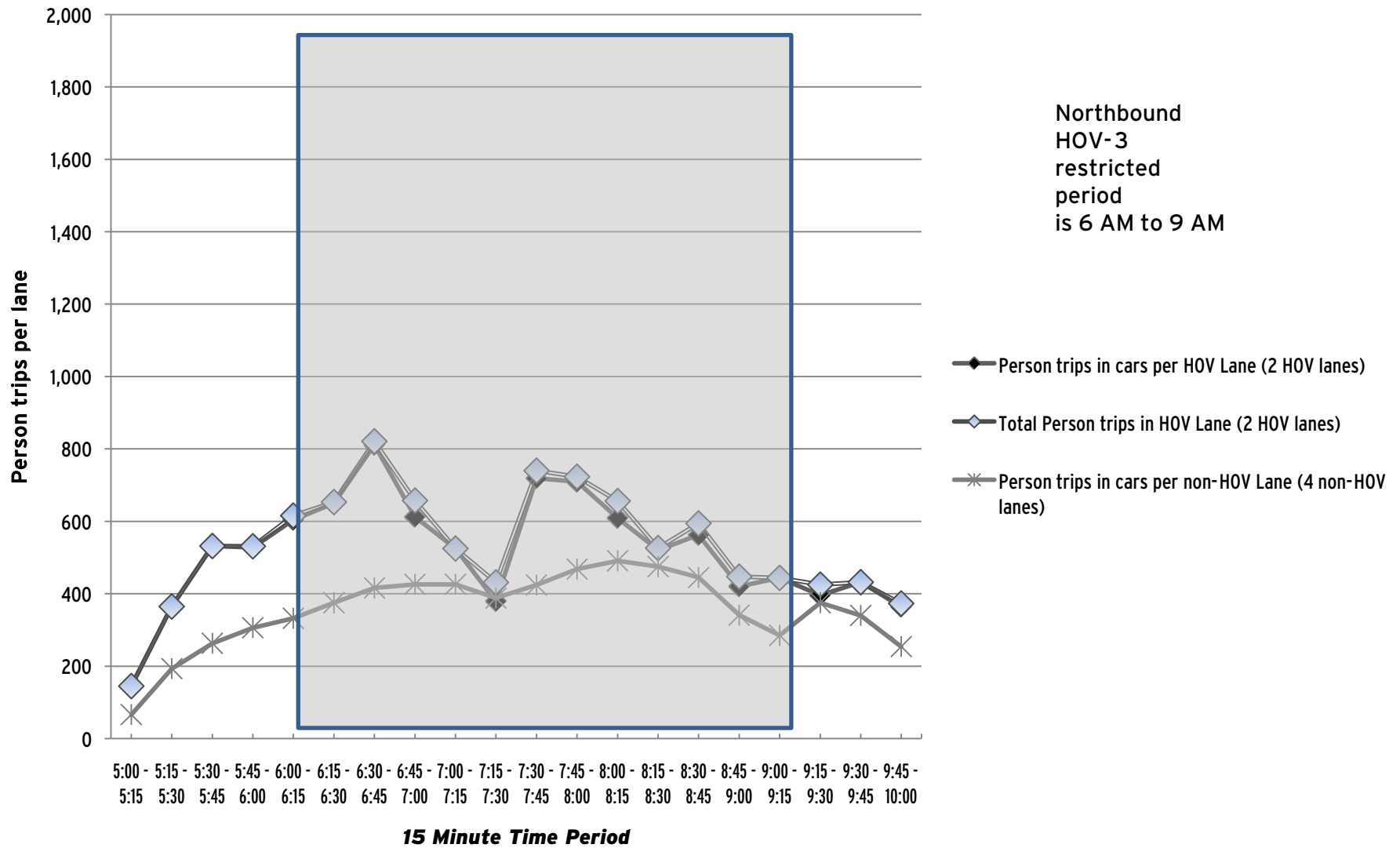
5-Hour Totals

Vehicles	23,376	1,909	128	56	N/A	N/A	55	25,524	28,338	4	0	0	0	0	28,338	62	25,590	0	0
Persons	23,376	3,818	417	672			55												

I-395 HOV Restricted

	5 Hours	Period	Peak Hour
		(6:00 AM - 9:00 AM)	(7:45 AM - 8:45 AM)
Highway Passengers	28,338	20,017	7,512
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	28,338	20,017	7,512
Autos and Motorcycles	25,524	17,923	6,835
Average Auto Occupancy (Includes Motorcycles)	1.11	1.12	1.10

I-395 Northbound at the Pentagon A.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-66 Eastbound between Va. 234 Business and Bull Run

All Lanes Total

Fall 2010 - 15 September 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	425	5	0	0	1.01	0.00	2	432	437	0	1	0	35	472	0	433	0	0	
5:15 - 5:30	1,226	0	0	1	1.01	12.00	3	1,230	1,241	0	1	0	35	1,276	0	1,231	0	0	
5:30 - 5:45	1,704	22	0	0	1.01	0.00	2	1,728	1,750	0	1	0	35	1,785	0	1,729	0	0	
5:45 - 6:00	1,648	47	0	2	1.04	12.00	1	1,698	1,767	0	2	0	70	1,837	0	1,700	0	0	
6:00 - 6:15	1,375	1	0	0	1.00	0.00	5	1,381	1,382	0	2	0	35	1,417	0	1,383	0	0	
6:15 - 6:30	909	221	2	6	1.26	10.00	7	1,145	1,438	0	4	0	70	1,508	2	1,151	0	0	
6:30 - 6:45	1,114	19	0	5	1.06	12.00	11	1,149	1,223	0	10	0	175	1,398	0	1,159	0	0	
6:45 - 7:00	1,274	37	7	1	1.05	4.38	23	1,342	1,406	0	4	0	70	1,476	0	1,346	0	0	
7:00 - 7:15	991	351	8	4	1.31	6.42	8	1,362	1,778	0	6	0	105	1,883	0	1,368	0	0	
7:15 - 7:30	1,034	481	4	1	1.33	5.20	5	1,525	2,027	0	12	0	210	2,237	1	1,538	0	0	
7:30 - 7:45	1,041	465	0	1	1.31	12.00	9	1,516	1,992	0	1	0	35	2,027	2	1,519	0	0	
7:45 - 8:00	895	454	4	1	1.35	4.80	8	1,362	1,835	0	0	0	0	1,835	1	1,363	0	0	
8:00 - 8:15	1,103	179	1	0	1.14	7.00	8	1,291	1,476	0	0	0	0	1,476	1	1,292	0	0	
8:15 - 8:30	1,189	8	0	0	1.01	0.00	19	1,216	1,224	0	0	0	0	1,224	0	1,216	0	0	
8:30 - 8:45	1,064	11	1	0	1.01	4.00	7	1,083	1,097	0	0	0	0	1,097	0	1,083	0	0	
8:45 - 9:00	963	10	0	1	1.02	12.00	8	982	1,003	0	4	0	70	1,073	1	987	0	0	
9:00 - 9:15	860	337	1	5	1.33	10.67	3	1,206	1,601	0	8	0	140	1,741	2	1,216	0	0	
9:15 - 9:30	1,106	427	5	5	1.32	7.80	3	1,546	2,041	0	16	0	280	2,321	1	1,563	0	0	
9:30 - 9:45	1,027	185	4	1	1.17	5.40	7	1,224	1,431	0	4	0	70	1,501	0	1,228	0	0	
9:45 - 10:00	906	36	3	0	1.05	4.33	3	948	994	0	4	0	70	1,064	0	952	0	0	

5-Hour Totals

Vehicles	21,854	3,296	40	34	N/A	N/A	142	25,366	29,143	0	80	0	1,505	30,648	11	25,457	0	0
Persons	21,854	6,592	147	408			142											

I-66 HOV Restricted

	Period 5 Hours (5:30 AM - 9:30 AM)	Peak Hour (5:15 AM - 6:15 AM)
Highway Passengers	30,648	6,315
Rail Passengers	0	0
Auto and Motorcycle Passengers	29,143	6,140
Autos and Motorcycles	25,366	6,037
Average Auto Occupancy (Includes Motorcycles)	1.15	1.02

I-66 Eastbound between Va. 234 Business and Bull Run
 HOV Lane Total
 Fall 2010 - 15 September 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders + Bus Passengers		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	Transit	Other				
5:00 - 5:15	0	0	0	0	#DIV/0!	0.00	0	0	0	0	1	0	35	35	0	1	0	0	
5:15 - 5:30	227	0	0	0	1.00	0.00	1	228	228	0	1	0	35	263	0	229	0	0	
5:30 - 5:45	771	0	0	0	1.00	0.00	0	771	771	0	1	0	35	806	0	772	0	0	
5:45 - 6:00	702	0	0	0	1.00	0.00	0	702	702	0	2	0	70	772	0	704	0	0	
6:00 - 6:15	337	1	0	0	1.00	0.00	5	343	344	0	1	0	35	379	0	344	0	0	
6:15 - 6:30	89	204	1	2	1.75	9.00	7	303	531	0	2	0	70	601	0	305	0	0	
6:30 - 6:45	280	15	0	2	1.12	12.00	9	306	343	0	5	0	175	518	0	311	0	0	
6:45 - 7:00	302	21	0	0	1.06	0.00	21	344	365	0	2	0	70	435	0	346	0	0	
7:00 - 7:15	121	329	1	2	1.77	9.00	7	460	813	0	3	0	105	918	0	463	0	0	
7:15 - 7:30	48	465	0	0	1.90	0.00	4	517	982	0	6	0	210	1,192	1	524	0	0	
7:30 - 7:45	114	453	0	0	1.79	0.00	7	574	1,027	0	1	0	35	1,062	2	577	0	0	
7:45 - 8:00	143	445	3	0	1.75	3.00	8	599	1,050	0	0	0	0	1,050	0	599	0	0	
8:00 - 8:15	265	178	1	0	1.41	7.00	8	452	636	0	4	0	0	636	1	453	0	0	
8:15 - 8:30	382	5	0	0	1.01	0.00	19	406	411	0	0	0	0	411	0	406	0	0	
8:30 - 8:45	313	4	0	0	1.01	0.00	7	324	328	0	0	0	0	328	0	324	0	0	
8:45 - 9:00	275	0	0	0	1.00	0.00	8	283	283	0	2	0	70	353	1	286	0	0	
9:00 - 9:15	79	306	0	0	1.79	0.00	3	388	694	0	4	0	140	834	1	393	0	0	
9:15 - 9:30	147	389	1	0	1.73	3.00	0	537	928	0	8	0	280	1,208	0	545	0	0	
9:30 - 9:45	236	136	0	0	1.36	0.00	7	379	515	0	2	0	70	585	0	381	0	0	
9:45 - 10:00	237	1	0	0	1.00	0.00	3	241	242	0	2	0	70	312	0	243	0	0	

5-Hour Totals

Vehicles	5,068	2,952	7	6	N/A	N/A	124	8,157	11,193	0	43	0	1,505	12,698	6	8,206	0	0
Persons	5,068	5,904	25	72			124											

I-66 HOV Restricted

	5 Hours Period (5:30 AM - 9:30 AM)	Peak Hour (5:15 AM - 6:15 AM)
Highway Passengers	12,698	11,503
Rail Passengers	0	0
Auto and Motorcycle Passengers	11,193	10,208
Autos and Motorcycles	8,157	7,309
Average Auto Occupancy (Includes Motorcycles)	1.37	1.40

I-66 Eastbound between Va. 234 Business and Bull Run
 Non-HOV Lane Total
 Fall 2010 - 15 September 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ Bus Passengers			Transit	Other						
5:00 - 5:15	425	5	0	0	1.01	0.00	2	432	437	0	0	0	0	437	0	432	0	0		
5:15 - 5:30	999	0	0	1	1.01	12.00	2	1,002	1,013	0	0	0	0	1,013	0	1,002	0	0		
5:30 - 5:45	933	22	0	0	1.02	0.00	2	957	979	0	0	0	0	979	0	957	0	0		
5:45 - 6:00	946	47	0	2	1.07	12.00	1	996	1,065	0	0	0	0	1,065	0	996	0	0		
6:00 - 6:15	1,038	0	0	0	1.00	0.00	0	1,038	1,038	0	1	0	0	1,038	0	1,039	0	0		
6:15 - 6:30	820	17	1	4	1.08	10.60	0	842	907	0	2	0	0	907	2	846	0	0		
6:30 - 6:45	834	4	0	3	1.04	12.00	2	843	880	0	5	0	0	880	0	848	0	0		
6:45 - 7:00	972	16	7	1	1.04	4.38	2	998	1,041	0	2	0	0	1,041	0	1,000	0	0		
7:00 - 7:15	870	22	7	2	1.07	5.56	1	902	965	0	3	0	0	965	0	905	0	0		
7:15 - 7:30	986	16	4	1	1.04	5.20	1	1,008	1,045	0	6	0	0	1,045	0	1,014	0	0		
7:30 - 7:45	927	12	0	1	1.02	12.00	2	942	965	0	0	0	0	965	0	942	0	0		
7:45 - 8:00	752	9	1	1	1.03	7.50	0	763	785	0	0	0	0	785	1	764	0	0		
8:00 - 8:15	838	1	0	0	1.00	0.00	0	839	840	0	0	0	0	840	0	839	0	0		
8:15 - 8:30	807	3	0	0	1.00	0.00	0	810	813	0	0	0	0	813	0	810	0	0		
8:30 - 8:45	751	7	1	0	1.01	4.00	0	759	769	0	0	0	0	769	0	759	0	0		
8:45 - 9:00	688	10	0	1	1.03	12.00	0	699	720	0	2	0	0	720	0	701	0	0		
9:00 - 9:15	781	31	1	5	1.11	10.67	0	818	907	0	4	0	0	907	1	823	0	0		
9:15 - 9:30	959	38	4	5	1.10	8.33	3	1,009	1,113	0	8	0	0	1,113	1	1,018	0	0		
9:30 - 9:45	791	49	4	1	1.08	5.40	0	845	916	0	2	0	0	916	0	847	0	0		
9:45 - 10:00	669	35	3	0	1.06	4.33	0	707	752	0	2	0	0	752	0	709	0	0		

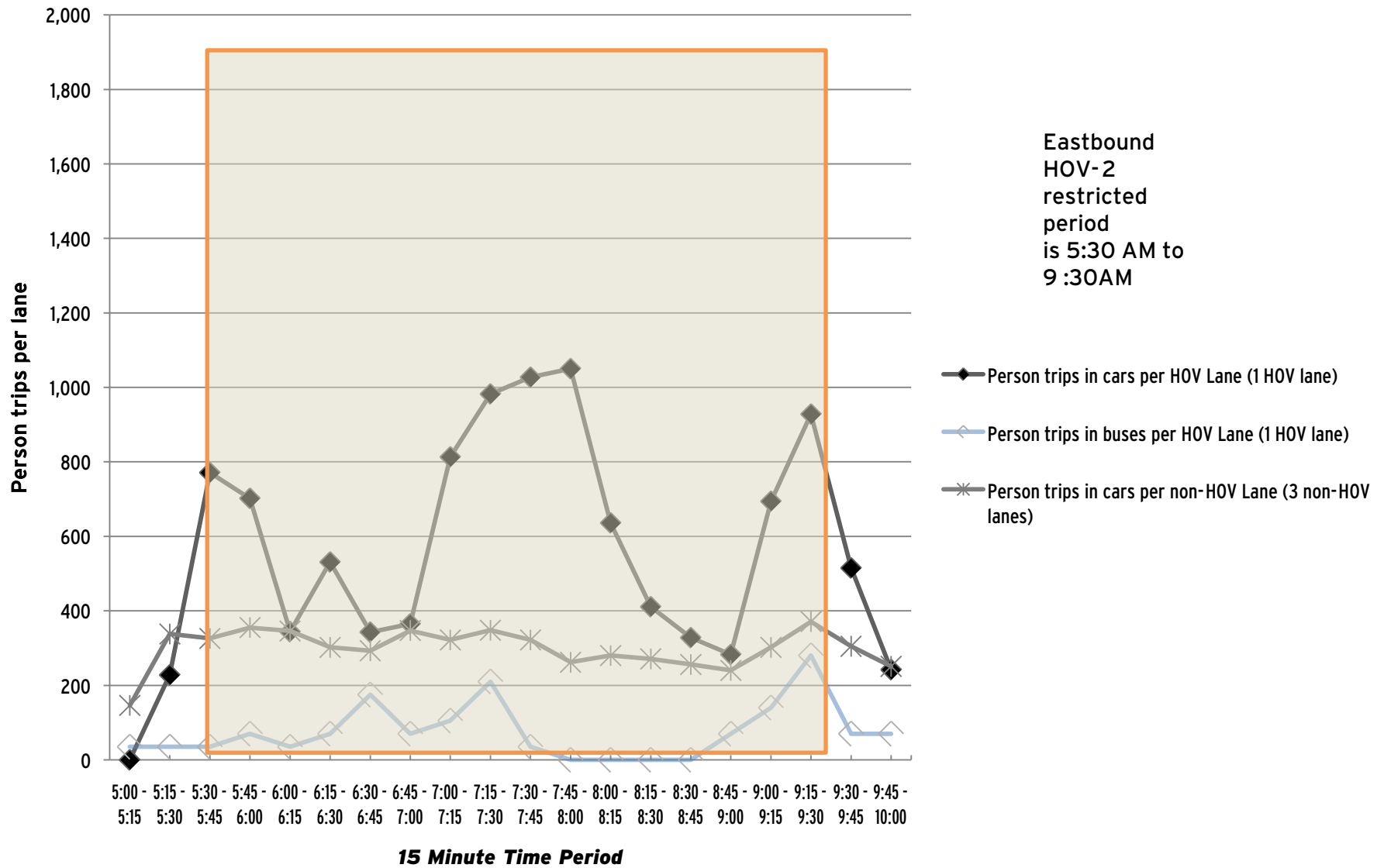
5-Hour Totals

Vehicles	16,786	344	33	28	N/A	N/A	18	17,209	17,950	0	37	0	0	17,950	5	17,251	0	0
Persons	16,786	688	122	336			18											

I-66 HOV Restricted

	5 Hours	Period	Peak Hour
		(5:30 AM - 9:30 AM)	(5:15 AM - 6:15 AM)
Highway Passengers	17,950	14,832	4,095
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	17,950	14,832	4,095
Autos and Motorcycles	17,209	14,223	3,993
Average Auto Occupancy (Includes Motorcycles)	1.04	1.04	1.03

I-66 Eastbound
Between Va. 234 Bus. (Sudley Rd.) and U.S. 29 Lee Hwy (Centreville, Exit 52)
Observed person trips per lane by 15 minute interval



I-66 Eastbound between Monument Drive and U.S. 50

All Lanes Total

Spring 2010 - 28 April 2010

Non-HOV Count data was partially derived from previous count

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Passengers	Trucks			
5:00 - 5:15	130	5	6	0	1.12	3.00	0	141	158	0	0	0	0	158	0	141	0	0	
5:15 - 5:30	1,235	2	1	10	1.09	11.55	4	1,252	1,370	2	1	68	41	1,479	6	1,258	0	0	
5:30 - 5:45	1,553	1	0	7	1.05	12.00	9	1,570	1,648	3	0	104	0	1,752	10	1,580	0	0	
5:45 - 6:00	1,586	2	0	7	1.05	12.00	9	1,604	1,683	1	2	38	82	1,803	1	1,606	0	0	
6:00 - 6:15	1,312	53	1	8	1.11	11.33	3	1,377	1,523	2	0	68	0	1,591	8	1,386	0	0	
6:15 - 6:30	960	296	5	6	1.29	8.09	16	1,283	1,657	4	5	144	205	2,006	6	1,290	0	0	
6:30 - 6:45	968	299	17	3	1.29	4.70	8	1,295	1,668	4	0	169	0	1,837	12	1,309	0	0	
6:45 - 7:00	875	308	17	4	1.32	5.05	10	1,214	1,607	4	6	144	246	1,997	9	1,225	0	0	
7:00 - 7:15	888	254	22	0	1.26	3.27	4	1,168	1,472	4	0	157	0	1,629	9	1,181	0	0	
7:15 - 7:30	894	243	16	1	1.25	3.71	9	1,163	1,452	4	15	144	615	2,211	6	1,171	0	0	
7:30 - 7:45	968	155	17	1	1.18	3.67	5	1,146	1,349	4	0	164	0	1,513	2	1,149	0	0	
7:45 - 8:00	1,084	231	18	4	1.23	4.73	6	1,343	1,656	4	7	144	287	2,087	6	1,349	0	0	
8:00 - 8:15	1,043	211	15	1	1.20	3.69	5	1,275	1,529	3	0	106	0	1,635	7	1,283	0	0	
8:15 - 8:30	826	156	2	3	1.20	8.60	5	992	1,186	5	11	181	451	1,818	4	1,000	0	0	
8:30 - 8:45	909	236	11	4	1.26	5.53	8	1,168	1,472	3	0	106	0	1,578	1	1,169	0	0	
8:45 - 9:00	818	236	11	1	1.25	3.75	4	1,070	1,339	4	6	172	246	1,757	9	1,080	0	0	
9:00 - 9:15	573	367	30	0	1.45	3.23	5	975	1,409	2	0	68	0	1,477	4	981	0	0	
9:15 - 9:30	854	333	30	0	1.33	3.33	6	1,223	1,626	2	1	68	41	1,735	12	1,237	0	0	
9:30 - 9:45	890	314	24	2	1.31	3.73	5	1,235	1,620	3	0	110	0	1,730	10	1,246	0	0	
9:45 - 10:00	603	90	12	0	1.16	3.17	5	710	826	2	1	68	41	935	6	718	0	0	

5-Hour Totals

Vehicles	18,969	3,792	255	62	N/A	N/A	126	23,204	28,250	60	55	2,223	2,255	32,728	128	23,359	0	0
Persons	18,969	7,584	827	744			126											

I-66 HOV Restricted

	Period	Peak Hour
5 Hours	(5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	32,728	28,426
Rail Passengers	0	0
Auto and Motorcycle Passengers	28,250	24,276
Autos and Motorcycles	23,204	19,866
Average Auto Occupancy (Includes Motorcycles)	1.22	1.22
		1.11

I-66 Eastbound between Monument Drive and U.S. 50
 HOV Lane Total
 Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	1	1	23	35	64	0	3	0	0	
5:15 - 5:30	266	0	1	9	1.38	11.50	4	280	385	1	0	23	0	408	5	285	0	0	
5:30 - 5:45	251	0	0	6	1.25	12.00	9	266	332	1	3	23	105	460	6	272	0	0	
5:45 - 6:00	308	0	0	7	1.24	12.00	7	322	399	1	0	23	0	422	1	323	0	0	
6:00 - 6:15	271	36	1	6	1.34	11.14	2	316	423	2	0	46	0	469	8	324	0	0	
6:15 - 6:30	53	253	2	3	1.90	8.40	12	323	613	1	0	23	0	636	4	327	0	0	
6:30 - 6:45	61	206	7	0	1.79	3.14	5	279	500	1	3	23	105	628	7	286	0	0	
6:45 - 7:00	62	202	9	1	1.83	3.90	3	277	508	1	0	23	0	531	6	283	0	0	
7:00 - 7:15	73	162	15	0	1.78	3.33	1	251	448	1	0	23	0	471	8	259	0	0	
7:15 - 7:30	87	163	11	1	1.74	3.75	2	264	460	1	4	23	140	623	5	269	0	0	
7:30 - 7:45	102	113	11	1	1.63	3.75	4	231	377	2	0	46	0	423	1	232	0	0	
7:45 - 8:00	96	173	13	4	1.85	5.24	1	287	532	0	0	0	0	532	5	292	0	0	
8:00 - 8:15	102	162	12	0	1.68	3.17	2	278	466	2	0	46	0	512	4	282	0	0	
8:15 - 8:30	103	131	2	2	1.65	7.75	5	243	401	1	0	23	0	424	4	247	0	0	
8:30 - 8:45	67	159	5	1	1.77	4.67	4	236	417	1	0	23	0	440	1	237	0	0	
8:45 - 9:00	87	135	4	0	1.63	3.00	2	228	371	1	0	23	0	394	5	233	0	0	
9:00 - 9:15	57	142	4	0	1.73	3.00	3	206	356	0	0	0	0	356	4	210	0	0	
9:15 - 9:30	88	151	5	0	1.65	3.00	3	247	408	1	0	23	0	431	6	253	0	0	
9:30 - 9:45	220	91	5	0	1.32	3.00	3	319	420	0	0	0	0	420	6	325	0	0	
9:45 - 10:00	164	55	8	0	1.31	3.13	2	229	301	1	0	23	0	324	4	233	0	0	

5-Hour Totals

Vehicles	2,519	2,335	116	41	N/A	N/A	74	5,085	8,123	20	11	460	385	8,968	90	5,175	0	0
Persons	2,519	4,670	368	492			74											

I-66 HOV Restricted

	Period 5 Hours	Peak Hour (5:30 AM - 6:30 AM)
Highway Passengers	8,968	1,895
Rail Passengers	0	0
Auto and Motorcycle Passengers	8,123	1,767
Autos and Motorcycles	5,085	1,235
Average Auto Occupancy (Includes Motorcycles)	1.60	1.43

I-66 Eastbound between Monument Drive and U.S. 50

Non-HOV Lane Total

Spring 2010 - 28 April 2010

Lane 3 count partially derived from previous count

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
5:00 - 5:15	129	4	5	0	1.10	3.00	0	138	152	0	0	0	0	152	0	138	0	0		
5:15 - 5:30	969	2	0	1	1.01	12.00	0	972	985	0	0	0	0	985	1	973	0	0		
5:30 - 5:45	1,302	1	0	1	1.01	12.00	0	1,304	1,316	0	0	0	0	1,316	4	1,308	0	0		
5:45 - 6:00	1,278	2	0	0	1.00	0.00	2	1,282	1,284	1	0	0	0	1,284	0	1,283	0	0		
6:00 - 6:15	1,041	17	0	2	1.04	12.00	1	1,061	1,100	1	0	0	0	1,100	0	1,062	0	0		
6:15 - 6:30	907	43	3	3	1.09	7.83	4	960	1,044	1	0	0	0	1,044	2	963	0	0		
6:30 - 6:45	907	93	10	3	1.15	5.54	3	1,016	1,168	2	0	0	0	1,168	5	1,023	0	0		
6:45 - 7:00	813	106	8	3	1.17	6.09	7	937	1,099	2	0	0	0	1,099	3	942	0	0		
7:00 - 7:15	815	92	7	0	1.12	3.14	3	917	1,024	4	0	0	0	1,024	1	922	0	0		
7:15 - 7:30	807	80	5	0	1.10	3.60	7	899	992	2	0	0	0	992	1	902	0	0		
7:30 - 7:45	866	42	6	0	1.06	3.50	1	915	972	1	0	0	0	972	1	917	0	0		
7:45 - 8:00	988	58	5	0	1.06	3.00	5	1,056	1,124	0	0	0	0	1,124	1	1,057	0	0		
8:00 - 8:15	941	49	3	1	1.07	5.25	3	997	1,063	1	0	0	0	1,063	3	1,001	0	0		
8:15 - 8:30	723	25	0	1	1.05	12.00	0	749	785	2	0	0	0	785	0	753	0	0		
8:30 - 8:45	842	77	6	3	1.13	6.11	4	932	1,055	0	0	0	0	1,055	0	932	0	0		
8:45 - 9:00	731	101	7	1	1.15	4.13	2	842	968	1	0	0	0	968	4	847	0	0		
9:00 - 9:15	516	225	26	0	1.37	3.27	2	769	1,053	2	0	0	0	1,053	0	771	0	0		
9:15 - 9:30	766	182	25	0	1.25	3.40	3	976	1,218	2	0	0	0	1,218	6	984	0	0		
9:30 - 9:45	670	223	19	2	1.31	3.90	2	916	1,200	1	0	0	0	1,200	4	921	0	0		
9:45 - 10:00	439	35	4	0	1.09	3.25	3	481	525	2	0	0	0	525	2	485	0	0		

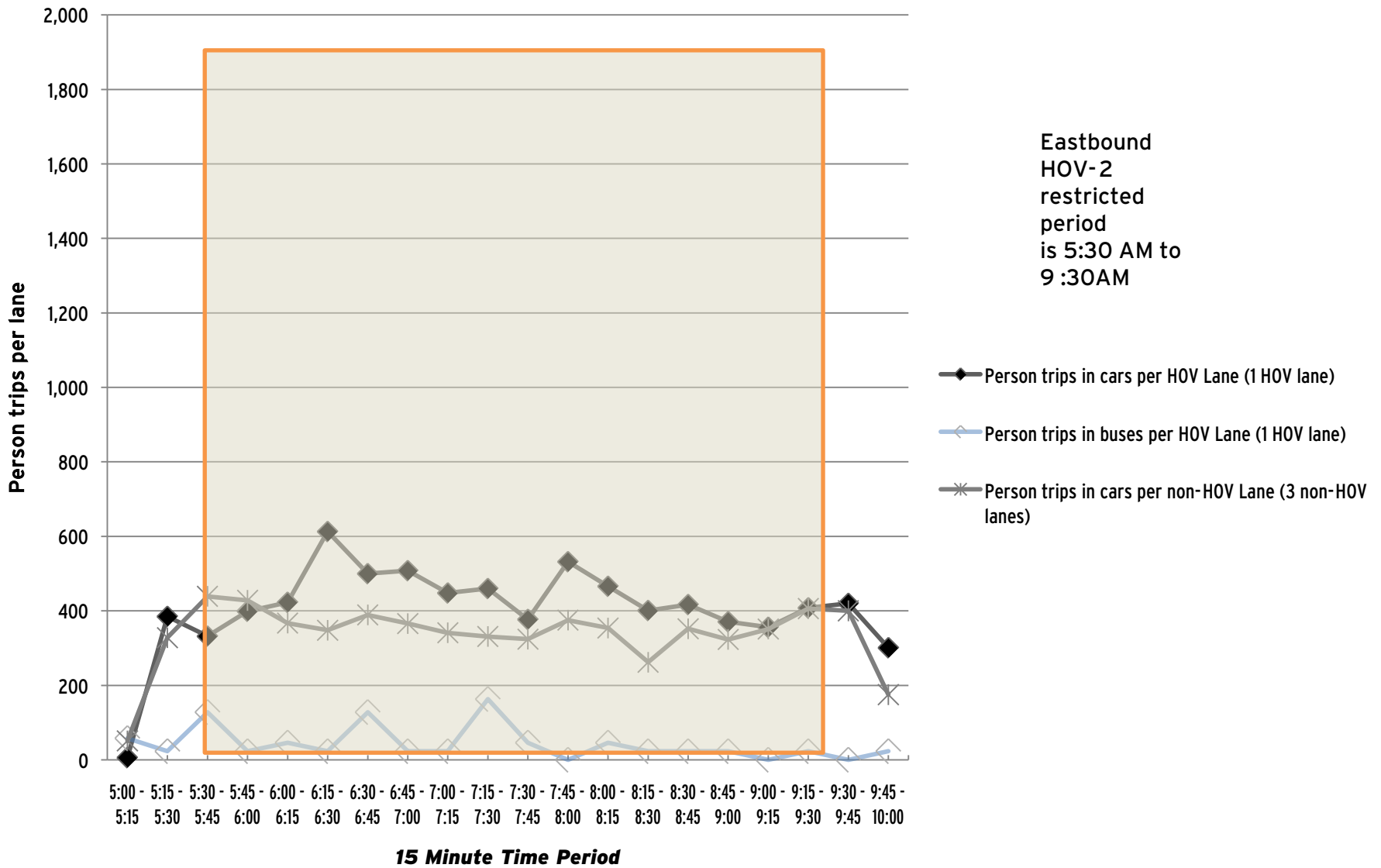
5-Hour Totals

Vehicles	16,450	1,457	139	21	N/A	N/A	52	18,119	20,127	25	0	0	0	20,127	38	18,184	0	0
Persons	16,450	2,914	459	252			52											

I-66 HOV Restricted

	Period	Peak Hour
5 Hours	(5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	20,127	17,265
Rail Passengers	0	0
Auto and Motorcycle Passengers	20,127	17,265
Autos and Motorcycles	18,119	15,612
Average Auto Occupancy (Includes Motorcycles)	1.11	1.03

**I-66 Eastbound
Between Monument Drive and U.S. 50 (Lee Jackson Highway)
Observed person trips per lane by 15 minute interval**



I-66 Eastbound between Va. 123 and Va. 243 (Nutley Street)

All Lanes Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers					
5:00 - 5:15	735	6	0	3	1.05	12.00	5	749	788	6	2	58	70	916	0	757	0	0	
5:15 - 5:30	1,133	57	0	6	1.10	12.00	10	1,206	1,329	9	4	97	35	1,461	0	1,219	0	0	
5:30 - 5:45	1,170	148	6	19	1.27	9.84	8	1,351	1,720	9	1	109	35	1,864	53	1,414	0	0	
5:45 - 6:00	1,100	231	1	12	1.27	11.31	20	1,364	1,729	6	0	85	0	1,814	56	1,426	0	0	
6:00 - 6:15	998	302	58	2	1.32	3.32	20	1,380	1,821	3	3	69	70	1,960	39	1,425	0	0	
6:15 - 6:30	1,184	134	18	11	1.21	6.41	11	1,358	1,649	7	1	113	0	1,762	45	1,411	0	0	
6:30 - 6:45	988	208	5	19	1.34	10.17	24	1,244	1,672	4	0	81	0	1,753	45	1,293	0	0	
6:45 - 7:00	740	253	7	16	1.43	9.30	19	1,035	1,479	5	2	97	70	1,646	44	1,086	0	0	
7:00 - 7:15	755	205	19	3	1.28	4.27	19	1,001	1,278	5	0	62	0	1,340	73	1,079	0	0	
7:15 - 7:30	837	176	4	2	1.20	6.00	13	1,032	1,238	10	0	97	0	1,335	35	1,077	0	0	
7:30 - 7:45	918	265	13	0	1.24	3.23	13	1,209	1,503	4	1	104	35	1,642	50	1,264	0	0	
7:45 - 8:00	861	328	17	0	1.30	3.12	12	1,218	1,582	8	5	125	175	1,882	43	1,275	0	0	
8:00 - 8:15	1,059	235	8	4	1.23	6.17	11	1,317	1,614	6	6	104	210	1,928	43	1,372	0	0	
8:15 - 8:30	1,110	258	1	2	1.20	9.00	12	1,383	1,665	6	4	143	105	1,913	39	1,432	0	0	
8:30 - 8:45	1,015	234	3	0	1.19	3.00	13	1,265	1,505	5	4	113	105	1,723	35	1,310	0	0	
8:45 - 9:00	996	141	8	2	1.15	4.80	10	1,157	1,336	6	4	81	140	1,557	38	1,205	0	0	
9:00 - 9:15	1,165	157	6	10	1.21	8.63	12	1,350	1,629	3	5	74	140	1,843	45	1,403	0	0	
9:15 - 9:30	1,100	157	9	5	1.18	6.21	7	1,278	1,508	3	1	81	35	1,624	71	1,353	0	0	
9:30 - 9:45	1,243	102	0	4	1.11	12.00	6	1,355	1,501	2	2	23	70	1,594	82	1,441	0	0	
9:45 - 10:00	1,046	116	5	4	1.15	7.11	3	1,174	1,345	4	3	62	105	1,512	80	1,261	0	0	

5-Hour Totals

Vehicles	20,153	3,713	188	124	N/A	N/A	248	24,426	29,891	111	48	1,778	1,400	33,069	916	25,503	0	0
Persons	20,153	7,426	576	1,488			248											

	HOV Restricted		Peak
	Period	Hour	Hour
	5 Hours	(5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	33,069	27,586	7,400
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,891	24,928	6,919
Autos and Motorcycles	24,426	19,942	5,453
Average Auto Occupancy (Includes Motorcycles)	1.22	1.25	1.27

I-66 Eastbound between Va. 123 and Va. 243 (Nutley Street)

HOV Lane Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	270	1	0	2	1.08	12.00	4	277	300		2	2	58	70	428	0	281	0	0	
5:15 - 5:30	429	19	0	4	1.14	12.00	6	458	521		4	1	97	35	653	0	463	0	0	
5:30 - 5:45	215	100	6	17	1.87	9.65	7	345	644		4	1	109	35	788	0	350	0	0	
5:45 - 6:00	150	169	1	10	1.81	11.18	19	349	630		4	0	85	0	715	0	353	0	0	
6:00 - 6:15	49	235	58	2	2.05	3.32	12	356	730		3	2	69	70	869	0	361	0	0	
6:15 - 6:30	181	132	18	11	1.82	6.41	10	352	641		5	0	113	0	754	0	357	0	0	
6:30 - 6:45	154	208	5	18	2.04	10.09	16	401	818		3	0	81	0	899	1	405	0	0	
6:45 - 7:00	81	253	7	15	2.18	9.18	10	366	799		4	2	97	70	966	1	373	0	0	
7:00 - 7:15	97	201	19	3	1.83	4.27	10	330	603		3	0	62	0	665	2	335	0	0	
7:15 - 7:30	116	174	4	2	1.67	6.00	7	303	507		4	0	97	0	604	4	311	0	0	
7:30 - 7:45	100	176	10	0	1.68	3.30	8	294	493		4	1	104	35	632	8	307	0	0	
7:45 - 8:00	42	212	15	0	1.87	3.07	9	278	521		5	5	125	175	821	2	290	0	0	
8:00 - 8:15	128	127	5	2	1.60	5.71	5	267	427		4	6	104	210	741	2	279	0	0	
8:15 - 8:30	108	145	1	0	1.57	3.00	6	260	407		6	3	143	105	655	1	270	0	0	
8:30 - 8:45	99	159	3	0	1.62	3.00	5	266	431		5	3	113	105	649	5	280	0	0	
8:45 - 9:00	114	134	8	2	1.65	4.80	7	265	437		3	4	81	140	658	1	273	0	0	
9:00 - 9:15	106	147	6	10	1.97	8.63	7	276	545		3	4	74	140	759	2	285	0	0	
9:15 - 9:30	119	155	7	5	1.77	6.75	5	291	515		3	1	81	35	631	8	303	0	0	
9:30 - 9:45	254	102	0	4	1.40	12.00	2	362	508		1	2	23	70	601	11	376	0	0	
9:45 - 10:00	289	93	2	4	1.36	9.17	3	391	533		3	3	62	105	700	7	404	0	0	

5-Hour Totals

Vehicles	3,101	2,942	175	111	N/A	N/A	158	6,487	11,010	73	40	1,778	1,400	14,188	55	6,656	0	0
Persons	3,101	5,884	535	1,332			158											

	HOV Restricted		Peak
	Period	Hour	Hour
	5 Hours	(5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	14,188	11,806	3,126
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	11,010	9,148	2,645
Autos and Motorcycles	6,487	4,999	1,402
Average Auto Occupancy (Includes Motorcycles)	1.70	1.83	1.89

I-66 Eastbound between Va. 123 and Va. 243 (Nutley Street)

Non-HOV Lane Total

Spring 2010 - 7 April 2010

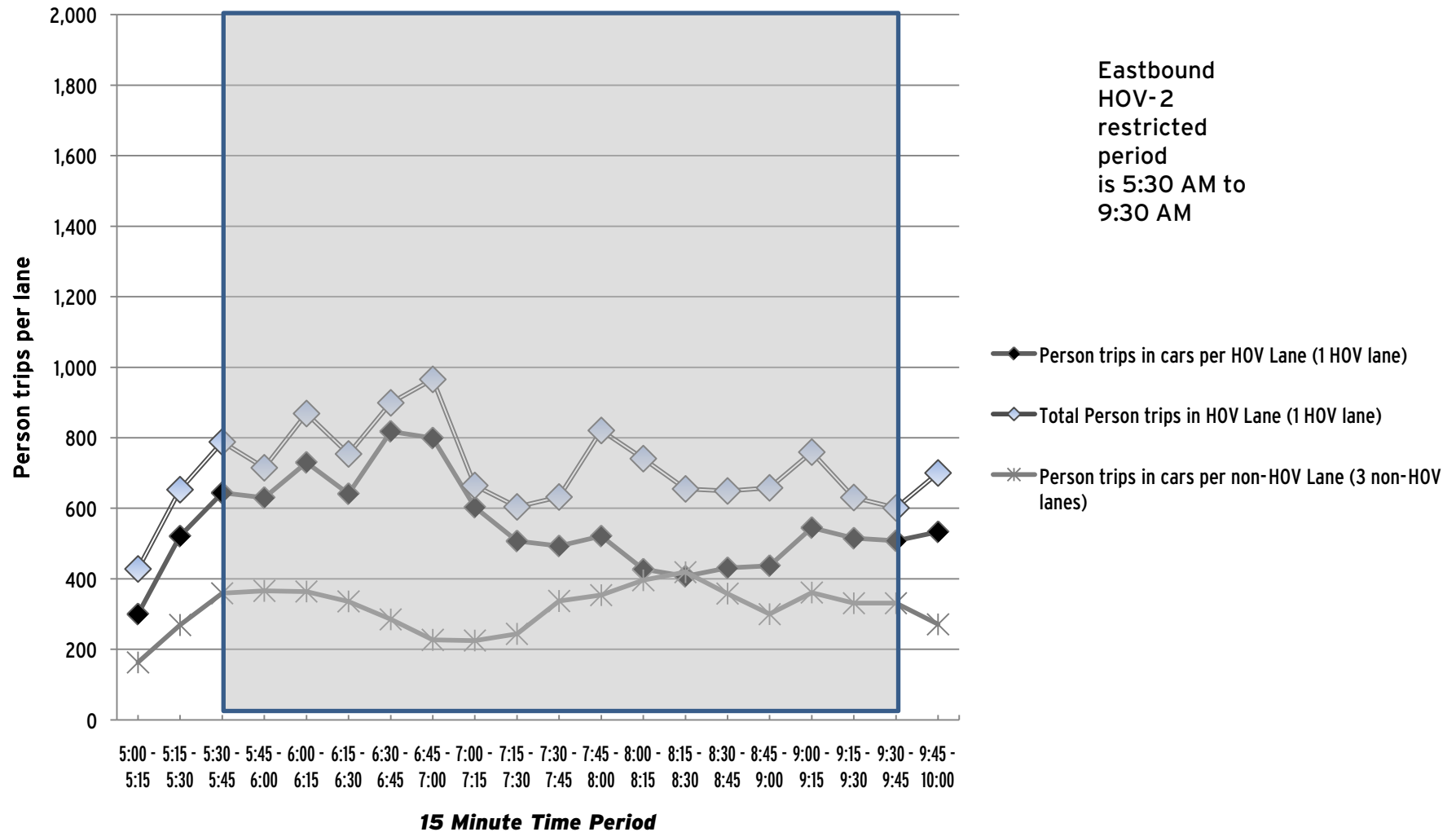
Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Passengers	Trucks			
5:00 - 5:15	465	5	0	1	1.03	12.00	1	472	488		4	0	0	0	488	0	476	0	0
5:15 - 5:30	704	38	0	2	1.08	12.00	4	748	808		5	3	0	0	808	0	756	0	0
5:30 - 5:45	955	48	0	2	1.07	12.00	1	1,006	1,076		5	0	0	0	1,076	53	1,064	0	0
5:45 - 6:00	950	62	0	2	1.08	12.00	1	1,015	1,099		2	0	0	0	1,099	56	1,073	0	0
6:00 - 6:15	949	67	0	0	1.07	0.00	8	1,024	1,091		0	1	0	0	1,091	39	1,064	0	0
6:15 - 6:30	1,003	2	0	0	1.00	0.00	1	1,006	1,008		2	1	0	0	1,008	45	1,054	0	0
6:30 - 6:45	834	0	0	1	1.01	12.00	8	843	854		1	0	0	0	854	44	888	0	0
6:45 - 7:00	659	0	0	1	1.02	12.00	9	669	680		1	0	0	0	680	43	713	0	0
7:00 - 7:15	658	4	0	0	1.01	0.00	9	671	675		2	0	0	0	675	71	744	0	0
7:15 - 7:30	721	2	0	0	1.00	0.00	6	729	731		6	0	0	0	731	31	766	0	0
7:30 - 7:45	818	89	3	0	1.10	3.00	5	915	1,010		0	0	0	0	1,010	42	957	0	0
7:45 - 8:00	819	116	2	0	1.13	3.50	3	940	1,061		3	0	0	0	1,061	41	985	0	0
8:00 - 8:15	931	108	3	2	1.13	6.80	6	1,050	1,187		2	0	0	0	1,187	41	1,093	0	0
8:15 - 8:30	1,002	113	0	2	1.12	12.00	6	1,123	1,258		0	1	0	0	1,258	38	1,162	0	0
8:30 - 8:45	916	75	0	0	1.08	0.00	8	999	1,074		0	1	0	0	1,074	30	1,030	0	0
8:45 - 9:00	882	7	0	0	1.01	0.00	3	892	899		3	0	0	0	899	37	932	0	0
9:00 - 9:15	1,059	10	0	0	1.01	0.00	5	1,074	1,084		0	1	0	0	1,084	43	1,118	0	0
9:15 - 9:30	981	2	2	0	1.01	3.00	2	987	993		0	0	0	0	993	63	1,050	0	0
9:30 - 9:45	989	0	0	0	1.00	0.00	4	993	993		1	0	0	0	993	71	1,065	0	0
9:45 - 10:00	757	23	3	0	1.04	3.00	0	783	812		1	0	0	0	812	73	857	0	0

5-Hour Totals

Vehicles	17,052	771	13	13	N/A	N/A	90	17,939	18,881	38	8	0	0	18,881	861	18,847	0	0
Persons	17,052	1,542	41	156			90											

	HOV Restricted		Peak
	Period	Hour	Hour
	5 Hours	(5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	18,881	15,780	4,274
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	18,881	15,780	4,274
Autos and Motorcycles	17,939	14,943	4,051
Average Auto Occupancy (Includes Motorcycles)	1.05	1.06	1.06

I-66 Eastbound between Va. 123 (Chain Bridge Rd.) and Va. 243 (Nutley St.) A.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-66 Eastbound between Va. 243 (Nutley Street) and I-495

All Lanes Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers	Trucks			
5:00 - 5:15	802	6	0	3	1.05	12.00	5	816	855	3	2	0	70	925	0	821	0	0
5:15 - 5:30	1,218	59	0	6	1.10	12.00	11	1,294	1,419	5	4	0	35	1,454	2	1,305	0	0
5:30 - 5:45	1,251	148	6	19	1.26	9.84	8	1,432	1,801	6	1	0	35	1,836	53	1,492	0	0
5:45 - 6:00	1,173	240	1	12	1.26	11.31	21	1,447	1,821	3	0	0	0	1,821	55	1,505	702	0
6:00 - 6:15	1,131	308	58	2	1.29	3.32	18	1,517	1,964	4	3	0	70	2,034	41	1,565	0	0
6:15 - 6:30	1,477	179	19	11	1.20	6.30	15	1,701	2,039	9	2	0	35	2,074	46	1,757	0	0
6:30 - 6:45	1,299	270	10	19	1.31	8.97	20	1,618	2,119	6	2	0	70	2,189	45	1,669	0	0
6:45 - 7:00	963	306	7	17	1.39	9.42	18	1,311	1,819	7	2	0	70	1,889	46	1,366	2,246	0
7:00 - 7:15	999	248	24	3	1.26	4.15	17	1,291	1,624	4	1	0	35	1,659	73	1,368	0	0
7:15 - 7:30	1,004	239	5	3	1.22	6.38	12	1,263	1,545	6	1	0	35	1,580	37	1,306	1,617	0
7:30 - 7:45	1,109	286	12	0	1.22	3.25	12	1,419	1,732	0	1	0	35	1,767	49	1,469	0	0
7:45 - 8:00	1,075	378	17	0	1.28	3.12	13	1,483	1,897	3	5	0	175	2,072	44	1,536	1,792	0
8:00 - 8:15	1,353	272	10	3	1.20	5.31	11	1,649	1,977	1	6	0	210	2,187	43	1,699	0	0
8:15 - 8:30	1,327	256	2	2	1.18	7.50	13	1,600	1,882	0	4	0	105	1,987	41	1,645	1,811	0
8:30 - 8:45	1,184	288	6	0	1.20	3.17	12	1,490	1,791	1	4	0	105	1,896	37	1,533	0	0
8:45 - 9:00	1,076	191	17	2	1.19	4.05	11	1,297	1,546	4	4	0	140	1,686	39	1,344	1,198	0
9:00 - 9:15	1,240	203	18	10	1.24	6.25	13	1,484	1,834	2	5	0	140	1,974	49	1,540	0	0
9:15 - 9:30	1,207	214	36	7	1.25	4.70	7	1,471	1,844	2	1	0	35	1,879	69	1,543	518	0
9:30 - 9:45	1,344	179	21	4	1.18	5.08	7	1,555	1,836	9	2	0	70	1,906	82	1,648	0	0
9:45 - 10:00	1,190	116	5	4	1.13	7.11	3	1,318	1,489	4	3	0	105	1,594	80	1,405	0	0

5-Hour Totals

Vehicles	23,422	4,386	274	127	N/A	N/A	247	28,456	34,834	79	53	0	1,575	36,409	931	29,516	9,884	0
Persons	23,422	8,772	869	1,524			247											

	I-66 HOV Restricted			Peak
	5 Hours	Periods	Hour	Hour
		(5:30 AM - 9:30 AM)	(6:30 AM - 9:00 AM)	(5:45 AM - 6:45 AM)
Highway Passengers	36,409	30,530	18,912	8,118
Rail Passengers	9,884	9,884	8,664	702 <i>Rail system patronage 5 AM to 9 AM only</i>
Auto and Motorcycle Passengers	34,834	29,235	17,932	7,943
Autos and Motorcycles	28,456	23,473	14,421	6,283
Average Auto Occupancy (Includes Motorcycles)	1.22	1.25	1.24	1.26

I-66 Eastbound between Va. 243 (Nutley Street) and I-495
 HOV Lane Total
 Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	270	1	0	2	1.08	12.00	4	277	300	0	2	0	70	370	0	279	0	0		
5:15 - 5:30	429	19	0	4	1.14	12.00	6	458	521	0	1	0	35	556	0	459	0	0		
5:30 - 5:45	215	100	6	17	1.87	9.65	7	345	644	3	1	0	35	679	0	349	0	0		
5:45 - 6:00	150	169	1	10	1.81	11.18	19	349	630	2	0	0	0	630	0	351	0	0		
6:00 - 6:15	49	235	58	2	2.05	3.32	12	356	730	4	2	0	70	800	0	362	0	0		
6:15 - 6:30	181	132	18	11	1.82	6.41	10	352	641	7	1	0	35	676	0	359	0	0		
6:30 - 6:45	154	208	5	18	2.04	10.09	16	401	818	4	2	0	70	888	1	406	0	0		
6:45 - 7:00	81	253	7	15	2.18	9.18	10	366	799	6	2	0	70	869	1	375	0	0		
7:00 - 7:15	97	201	19	3	1.83	4.27	10	330	603	3	1	0	35	638	2	335	0	0		
7:15 - 7:30	116	174	4	2	1.67	6.00	7	303	507	3	1	0	35	542	4	310	0	0		
7:30 - 7:45	100	176	10	0	1.68	3.30	8	294	493	0	1	0	35	528	8	303	0	0		
7:45 - 8:00	42	212	15	0	1.87	3.07	9	278	521	0	5	0	175	696	2	285	0	0		
8:00 - 8:15	128	127	5	2	1.60	5.71	5	267	427	0	6	0	210	637	2	275	0	0		
8:15 - 8:30	108	145	1	0	1.57	3.00	6	260	407	0	3	0	105	512	1	264	0	0		
8:30 - 8:45	99	159	3	0	1.62	3.00	5	266	431	0	3	0	105	536	5	275	0	0		
8:45 - 9:00	114	134	8	2	1.65	4.80	7	265	437	2	4	0	140	577	1	272	0	0		
9:00 - 9:15	106	147	6	10	1.97	8.63	7	276	545	1	4	0	140	685	2	283	0	0		
9:15 - 9:30	119	155	7	5	1.77	6.75	5	291	515	2	1	0	35	550	8	302	0	0		
9:30 - 9:45	254	102	0	4	1.40	12.00	2	362	508	7	2	0	70	578	11	382	0	0		
9:45 - 10:00	289	93	2	4	1.36	9.17	3	391	533	3	3	0	105	638	7	404	0	0		

5-Hour Totals

Vehicles	3,101	2,942	175	111	N/A	N/A	158	6,487	11,010	47	45	0	1,575	12,585	55	6,630	0	0
Persons	3,101	5,884	535	1,332			158											

	I-66 HOV Restricted		Peak	
	Periods		Hour	
	5 Hours	(5:30 AM - 9:30 AM)	(6:30 AM - 9:00 AM)	(5:45 AM - 6:45 AM)
Highway Passengers	12,585	10,443	6,423	2,994
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	11,010	9,148	5,443	2,819
Autos and Motorcycles	6,487	4,999	3,030	1,458
Average Auto Occupancy (Includes Motorcycles)	1.70	1.83	1.80	1.93

I-66 Eastbound between Va. 243 (Nutley Street) and I-495
 Non-HOV Lane Total
 Spring 2010 - 7 April 2010

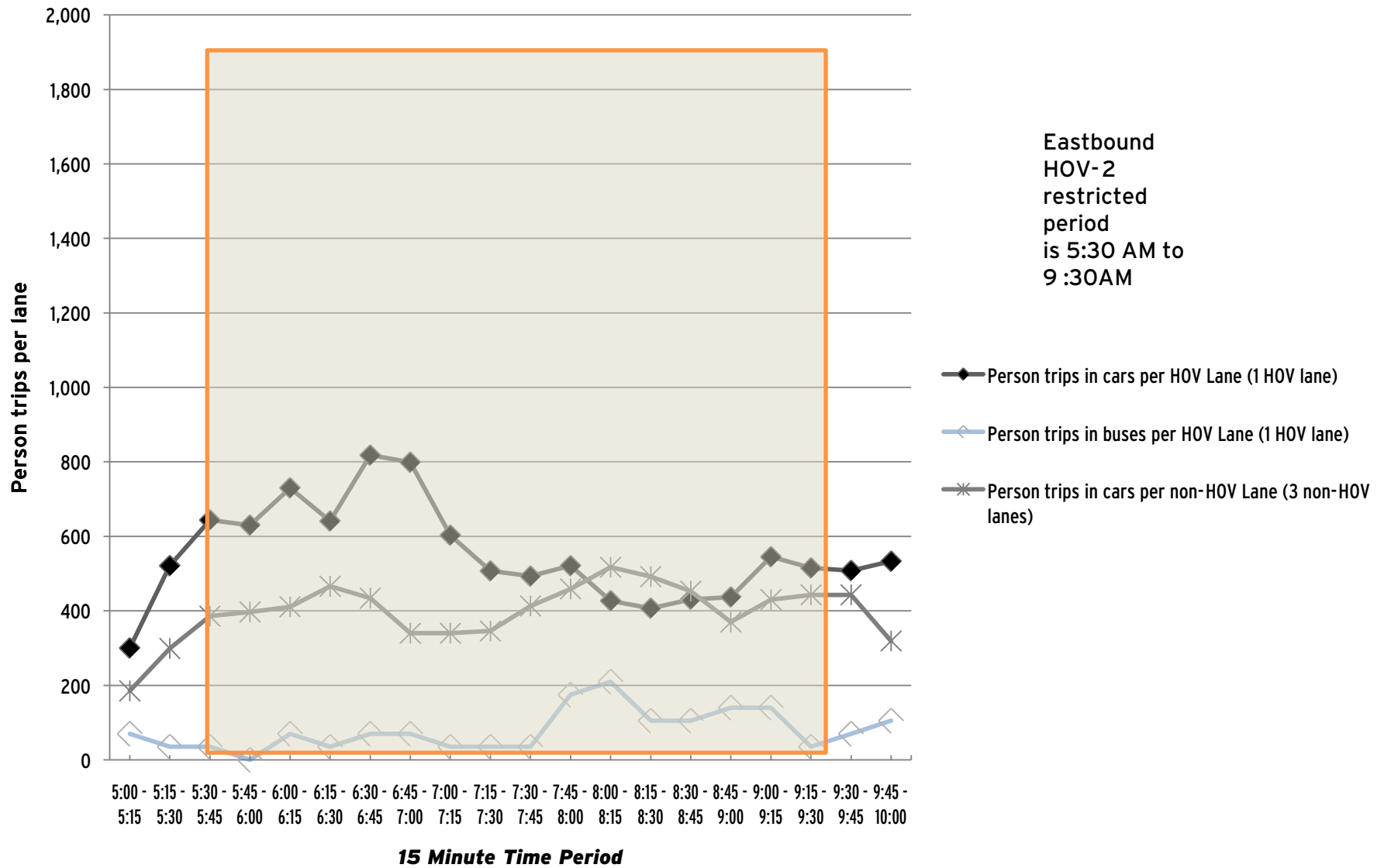
Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	+Bus Passengers			
5:00 - 5:15	532	5	0	1	1.03	12.00	1	539	555	3	0	0	0	555	0	542	0	0	
5:15 - 5:30	789	40	0	2	1.07	12.00	5	836	898	5	3	0	0	898	2	846	0	0	
5:30 - 5:45	1,036	48	0	2	1.06	12.00	1	1,087	1,157	3	0	0	0	1,157	53	1,143	0	0	
5:45 - 6:00	1,023	71	0	2	1.08	12.00	2	1,098	1,191	1	0	0	0	1,191	55	1,154	0	0	
6:00 - 6:15	1,082	73	0	0	1.06	0.00	6	1,161	1,234	0	1	0	0	1,234	41	1,203	0	0	
6:15 - 6:30	1,296	47	1	0	1.04	3.00	5	1,349	1,398	2	1	0	0	1,398	46	1,398	0	0	
6:30 - 6:45	1,145	62	5	1	1.07	4.67	4	1,217	1,301	2	0	0	0	1,301	44	1,263	0	0	
6:45 - 7:00	882	53	0	2	1.08	12.00	8	945	1,020	1	0	0	0	1,020	45	991	0	0	
7:00 - 7:15	902	47	5	0	1.06	3.60	7	961	1,021	1	0	0	0	1,021	71	1,033	0	0	
7:15 - 7:30	888	65	1	1	1.08	7.50	5	960	1,038	3	0	0	0	1,038	33	996	0	0	
7:30 - 7:45	1,009	110	2	0	1.10	3.00	4	1,125	1,239	0	0	0	0	1,239	41	1,166	0	0	
7:45 - 8:00	1,033	166	2	0	1.14	3.50	4	1,205	1,376	3	0	0	0	1,376	42	1,251	0	0	
8:00 - 8:15	1,225	145	5	1	1.12	4.83	6	1,382	1,550	1	0	0	0	1,550	41	1,424	0	0	
8:15 - 8:30	1,219	111	1	2	1.10	9.00	7	1,340	1,475	0	1	0	0	1,475	40	1,381	0	0	
8:30 - 8:45	1,085	129	3	0	1.11	3.33	7	1,224	1,360	1	1	0	0	1,360	32	1,258	0	0	
8:45 - 9:00	962	57	9	0	1.07	3.22	4	1,032	1,109	2	0	0	0	1,109	38	1,072	0	0	
9:00 - 9:15	1,134	56	12	0	1.07	3.08	6	1,208	1,289	1	1	0	0	1,289	47	1,257	0	0	
9:15 - 9:30	1,088	59	29	2	1.13	3.90	2	1,180	1,329	0	0	0	0	1,329	61	1,241	0	0	
9:30 - 9:45	1,090	77	21	0	1.11	3.76	5	1,193	1,328	2	0	0	0	1,328	71	1,266	0	0	
9:45 - 10:00	901	23	3	0	1.03	3.00	0	927	956	1	0	0	0	956	73	1,001	0	0	

5-Hour Totals

Vehicles	20,321	1,444	99	16	N/A	N/A	89	21,969	23,824	32	8	0	0	23,824	876	22,886	0	0
Persons	20,321	2,888	334	192			89											

	I-66 HOV Restricted			Peak
	Periods			Hour
	5 Hours	(5:30 AM - 9:30 AM)	(6:30 AM - 9:00 AM)	(5:45 AM - 6:45 AM)
Highway Passengers	23,824	20,087	12,489	5,124
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	23,824	20,087	12,489	5,124
Autos and Motorcycles	21,969	18,474	11,391	4,825
Average Auto Occupancy (Includes Motorcycles)	1.08	1.09	1.10	1.06

**I-66 Eastbound
Between Va. 243 (Nutley Street) and I-495
Observed person trips per lane by 15 minute interval**



I-66 eastbound between I-495 and VA-7

All Lanes Total

Spring 2010 - 6 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Other					
5:00 - 5:15	2	2	0	0	1.50	0.00	0	4	6	0	0	0	0	6	0	4	0	0		
5:15 - 5:30	427	0	0	0	1.00	0.00	8	435	435	0	0	0	0	435	2	437	0	0		
5:30 - 5:45	769	0	0	5	1.07	12.00	7	781	836	0	0	0	0	836	4	785	0	0		
5:45 - 6:00	775	0	0	4	1.06	12.00	11	790	834	0	1	0	35	869	2	792	0	0		
6:00 - 6:15	717	1	0	4	1.06	12.00	10	732	777	0	0	0	0	777	5	737	0	0		
6:15 - 6:30	461	109	5	6	1.32	8.27	17	598	787	0	3	0	105	892	4	602	0	0		
6:30 - 6:45	271	85	5	13	1.63	9.50	5	379	617	0	0	0	0	617	1	380	0	0		
6:45 - 7:00	125	188	7	11	1.93	8.61	19	350	675	0	3	0	105	780	3	353	0	0		
7:00 - 7:15	125	217	13	9	1.92	6.86	13	377	723	0	0	0	0	723	2	379	0	0		
7:15 - 7:30	182	260	3	2	1.62	7.00	18	465	755	0	4	0	140	895	6	471	0	0		
7:30 - 7:45	143	268	8	1	1.70	4.00	4	424	719	0	0	0	0	719	3	427	0	0		
7:45 - 8:00	161	249	18	0	1.66	3.17	8	436	724	0	0	0	0	724	4	440	0	0		
8:00 - 8:15	157	200	19	4	1.73	4.65	7	387	671	0	0	0	0	671	3	390	0	0		
8:15 - 8:30	133	197	12	2	1.68	4.43	15	359	604	0	0	0	0	604	8	367	0	0		
8:30 - 8:45	159	189	27	0	1.64	3.04	7	382	626	0	0	0	0	626	6	388	0	0		
8:45 - 9:00	132	183	11	3	1.71	5.07	7	336	576	0	0	0	0	576	5	341	0	0		
9:00 - 9:15	274	146	6	5	1.49	7.09	8	439	652	0	0	0	0	652	2	441	0	0		
9:15 - 9:30	287	101	5	0	1.28	3.00	4	397	508	0	0	0	0	508	2	399	0	0		
9:30 - 9:45	357	111	5	0	1.26	3.40	9	482	605	0	0	0	0	605	4	486	0	0		
9:45 - 10:00	252	98	7	2	1.38	5.44	4	363	501	0	0	0	0	501	5	368	0	0		

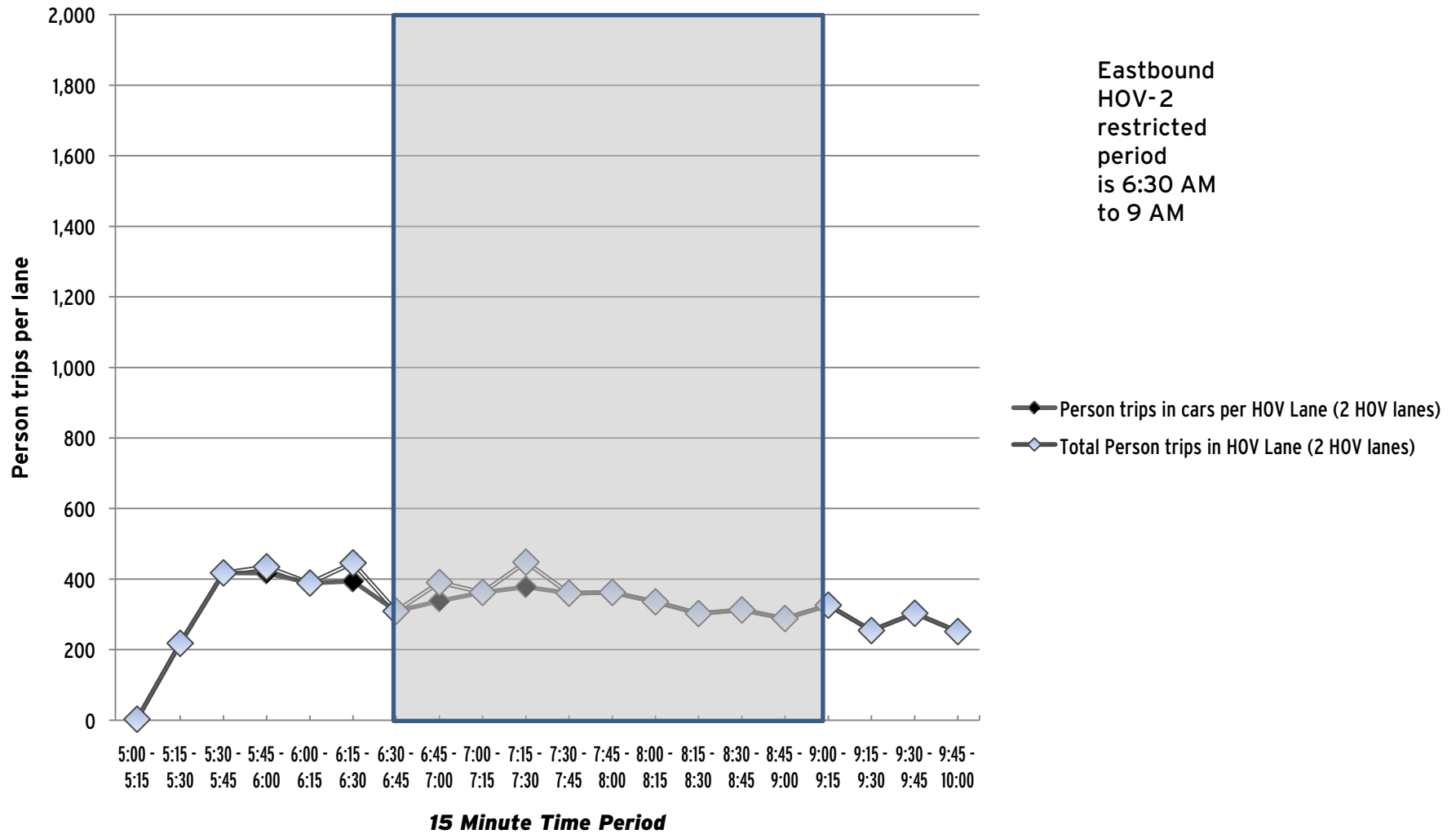
5-Hour Totals

Vehicles	5,909	2,604	151	71	N/A	N/A	181	8,916	12,631	0	11	0	385	13,016	71	8,987	0	0
Persons	5,909	5,208	481	852			181											

I-66 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (5:30 AM - 6:30 AM)
Highway Passengers	13,016	6,935
Rail Passengers	0	0
Auto and Motorcycle Passengers	12,631	6,690
Autos and Motorcycles	8,916	3,895
Average Auto Occupancy (Includes Motorcycles)	1.42	1.72

I-66 Eastbound between I-495 and Va. 7 (Leesburg Pike) Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-66 eastbound between Sycamore Street and Fairfax Drive

All Lanes Total

Spring 2010 - 6 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	312	3	0	0	1.01	0.00	3	318	321	0	0	0	0	321	0	318	0	0	
5:15 - 5:30	765	31	0	0	1.04	0.00	10	806	837	0	0	0	0	837	2	808	0	0	
5:30 - 5:45	941	37	0	15	1.20	12.00	9	1,002	1,204	0	0	0	0	1,204	2	1,004	0	0	
5:45 - 6:00	1,037	7	0	3	1.04	12.00	13	1,060	1,100	0	4	0	76	1,176	2	1,062	1,140	0	
6:00 - 6:15	1,030	0	0	3	1.03	12.00	8	1,041	1,074	1	0	26	0	1,100	0	1,041	0	0	
6:15 - 6:30	895	58	4	7	1.15	8.73	10	974	1,117	2	6	51	228	1,396	3	977	0	0	
6:30 - 6:45	765	100	8	16	1.32	9.00	16	905	1,197	1	0	26	0	1,223	8	913	0	0	
6:45 - 7:00	651	155	13	6	1.29	5.89	23	848	1,096	2	9	57	351	1,504	7	855	4,322	0	
7:00 - 7:15	619	191	14	6	1.33	5.75	24	854	1,140	1	0	26	0	1,166	5	859	0	0	
7:15 - 7:30	530	328	20	2	1.44	4.00	23	903	1,297	2	11	63	445	1,805	5	908	3,474	0	
7:30 - 7:45	301	585	28	8	1.78	5.11	18	940	1,673	1	0	26	0	1,699	2	943	0	0	
7:45 - 8:00	403	537	30	2	1.63	3.59	16	988	1,608	1	9	27	322	1,957	8	996	3,960	0	
8:00 - 8:15	344	524	33	4	1.69	4.03	13	918	1,554	2	0	73	0	1,627	5	923	0	0	
8:15 - 8:30	388	406	55	6	1.67	4.05	26	881	1,473	1	8	27	328	1,828	8	889	4,388	0	
8:30 - 8:45	359	398	42	4	1.64	3.89	24	827	1,358	2	0	51	0	1,409	7	834	0	0	
8:45 - 9:00	453	358	20	4	1.53	4.67	13	848	1,294	0	8	0	287	1,581	9	857	3,032	0	
9:00 - 9:15	817	113	1	1	1.13	7.50	2	934	1,060	0	0	0	0	1,060	3	937	0	0	
9:15 - 9:30	788	114	2	1	1.14	6.00	4	909	1,038	1	1	50	41	1,129	7	916	0	0	
9:30 - 9:45	756	115	7	6	1.22	7.15	7	891	1,086	0	0	0	0	1,086	2	893	0	0	
9:45 - 10:00	824	103	13	2	1.17	4.60	6	948	1,105	1	0	17	0	1,122	2	950	0	0	

5-Hour Totals

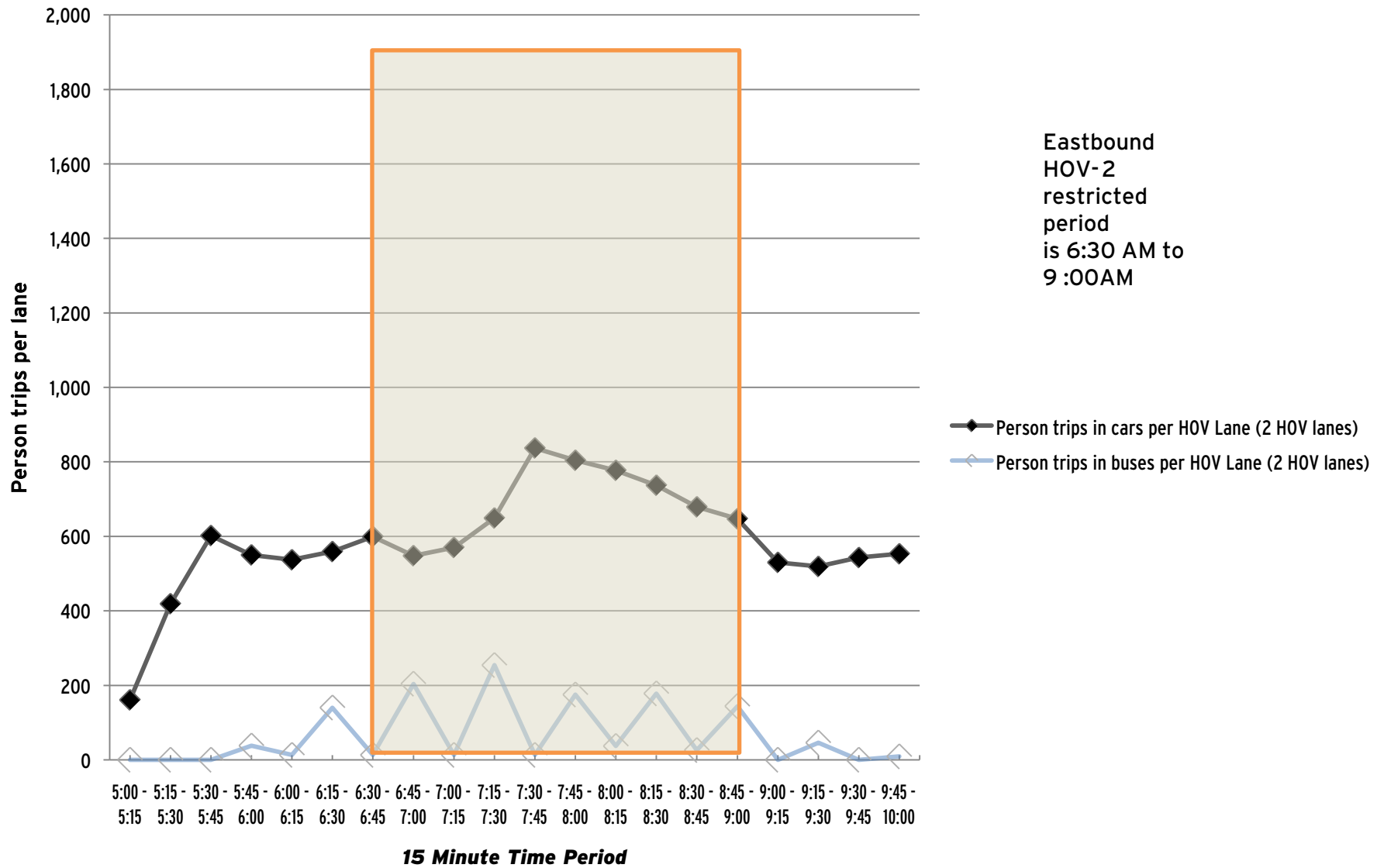
Vehicles	12,978	4,163	290	96	N/A	N/A	268	17,795	23,632	18	56	520	2,078	26,230	87	17,883	20,316	0
Persons	12,978	8,326	908	1,152			268											

I-66 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (5:30 AM - 6:30 AM)	
Highway Passengers	26,230	15,799	4,876
Rail Passengers	20,316	19,176	1,140
Auto and Motorcycle Passengers	23,632	13,690	4,495
Autos and Motorcycles	17,795	8,912	4,077
Average Auto Occupancy (Includes Motorcycles)	1.33	1.54	1.10

Rail system patronage 5 AM to 9:30 AM only

**I-66 Eastbound
Between Sycamore Street and Fairfax Drive
Observed person trips per lane by 15 minute interval**



I-66 eastbound at Lee Highway (US29) in Lyon Village, Arlington

All Lanes Total

Spring 2010 - 6 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
5:00 - 5:15	288	0	0	0	1.00	0.00	0	288	288	0	0	0	0	288	0	288	0	0	0	
5:15 - 5:30	601	0	0	2	1.04	12.00	5	608	630	0	1	0	37	667	0	609	0	0	0	
5:30 - 5:45	701	2	0	5	1.08	12.00	8	716	773	0	3	0	111	884	3	722	0	0	0	
5:45 - 6:00	783	0	0	2	1.03	12.00	16	801	823	0	4	0	148	971	2	805	0	0	0	
6:00 - 6:15	808	0	0	1	1.01	12.00	8	817	828	1	1	26	37	891	46	864	0	0	0	
6:15 - 6:30	462	226	0	3	1.37	12.00	8	699	958	2	6	51	222	1,231	0	702	0	0	0	
6:30 - 6:45	644	21	0	12	1.22	12.00	11	688	841	1	5	26	185	1,052	0	693	0	0	0	
6:45 - 7:00	589	61	0	8	1.22	12.00	13	671	820	2	9	57	333	1,210	0	677	0	0	0	
7:00 - 7:15	340	298	1	3	1.50	9.75	24	666	999	1	6	26	222	1,247	1	673	0	0	0	
7:15 - 7:30	403	287	4	0	1.41	3.00	27	721	1,016	2	11	63	407	1,486	2	731	0	0	0	
7:30 - 7:45	222	485	27	4	1.77	4.23	25	763	1,348	1	8	26	296	1,670	3	775	0	0	0	
7:45 - 8:00	324	350	5	6	1.61	7.91	10	695	1,121	1	10	27	370	1,518	2	707	0	0	0	
8:00 - 8:15	444	247	23	2	1.44	3.88	8	724	1,043	2	9	73	333	1,449	1	734	0	0	0	
8:15 - 8:30	605	164	1	2	1.24	9.00	13	785	973	1	12	27	444	1,444	2	799	0	0	0	
8:30 - 8:45	637	76	1	5	1.18	10.50	21	740	873	2	6	51	222	1,146	6	752	0	0	0	
8:45 - 9:00	418	224	7	0	1.36	3.14	15	664	903	0	8	0	296	1,199	3	672	0	0	0	
9:00 - 9:15	475	213	3	2	1.34	6.60	6	699	940	0	3	0	111	1,051	1	705	0	0	0	
9:15 - 9:30	488	50	1	2	1.14	9.00	3	544	618	1	2	50	74	742	2	549	0	0	0	
9:30 - 9:45	599	49	0	3	1.12	12.00	7	658	740	0	4	0	148	888	3	665	0	0	0	
9:45 - 10:00	528	39	0	2	1.11	12.00	1	570	631	1	3	17	111	759	0	576	0	0	0	

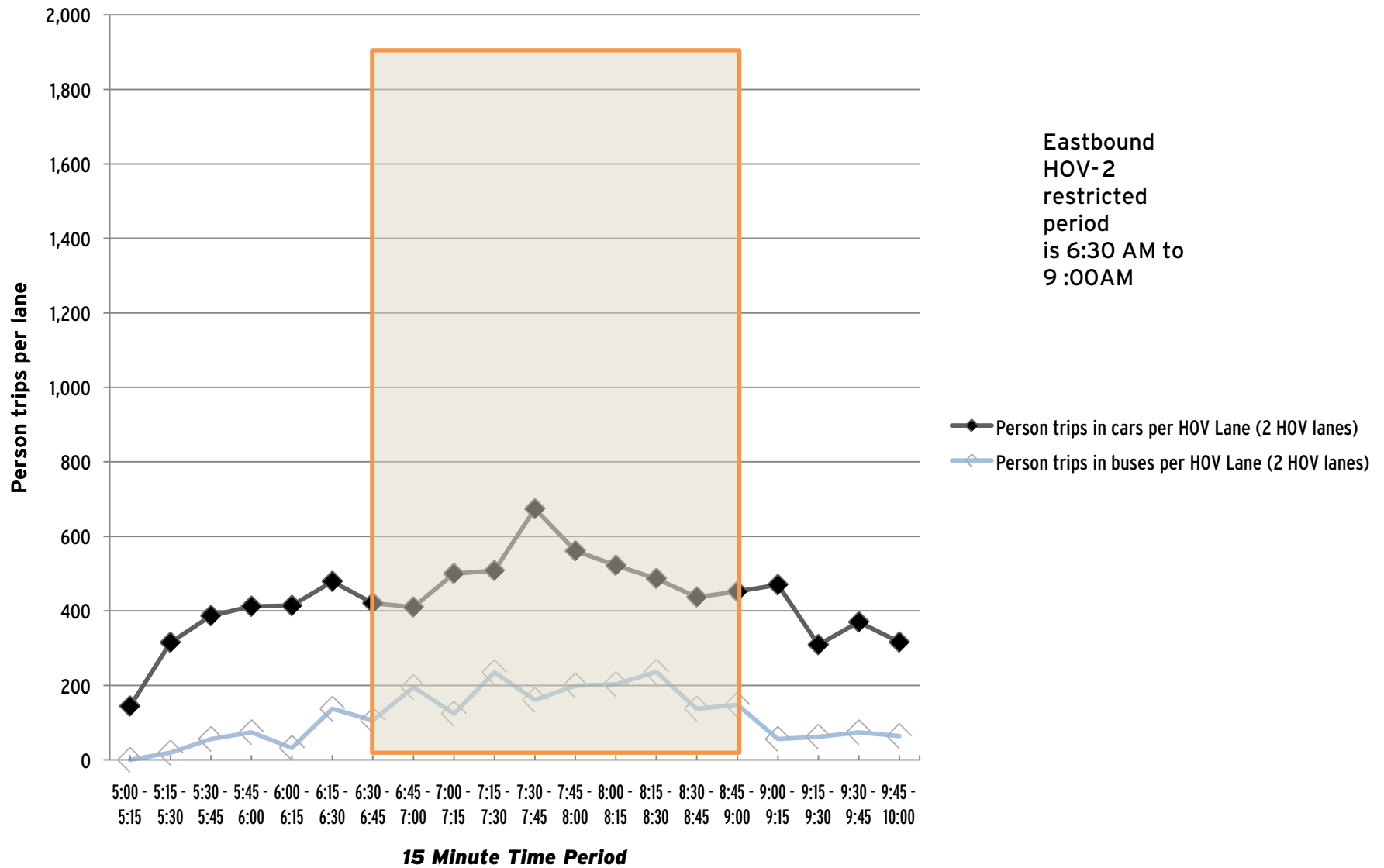
5-Hour Totals

Vehicles	10,359	2,792	73	64	N/A	N/A	229	13,517	17,166	18	111	520	4,107	21,793	77	13,698	0	0
Persons	10,359	5,584	226	768			229											

I-66 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (5:30 AM - 6:30 AM)
Highway Passengers	21,793	13,421
Rail Passengers	0	0
Auto and Motorcycle Passengers	17,166	9,937
Autos and Motorcycles	13,517	7,117
Average Auto Occupancy (Includes Motorcycles)	1.27	1.40

**I-66 Eastbound
Between U.S. 29 (Lee Highway) (Exit 72) and Key Bridge/Rosslyn (Exit 73)
Observed person trips per lane by 15 minute interval**



I-66 Eastbound Crossing on Theodore Roosevelt Bridge
 All Lanes Total
 Spring 2010 - 22 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers					
5:00 - 5:15	58	1	0	0	1.02	0.00	0	59	60	0	0	0	0	60	0	59	0	0	
5:15 - 5:30	297	10	0	0	1.03	0.00	1	308	318	0	0	0	0	318	0	308	0	0	
5:30 - 5:45	500	5	0	0	1.01	0.00	1	506	511	0	0	0	0	511	5	511	0	0	
5:45 - 6:00	665	14	0	2	1.05	12.00	4	685	721	0	0	0	0	721	2	687	0	0	
6:00 - 6:15	693	20	0	0	1.03	0.00	6	719	739	0	0	0	0	739	1	720	0	0	
6:15 - 6:30	807	14	0	0	1.02	0.00	2	823	837	1	0	40	0	877	2	825	0	0	
6:30 - 6:45	1,103	58	4	5	1.10	8.11	5	1,175	1,297	0	0	0	0	1,297	4	1,179	0	0	
6:45 - 7:00	931	130	15	14	1.29	7.48	7	1,097	1,415	3	0	120	0	1,535	4	1,101	0	0	
7:00 - 7:15	938	198	12	5	1.24	5.82	10	1,163	1,443	0	0	0	0	1,443	4	1,167	0	0	
7:15 - 7:30	975	259	33	4	1.30	4.24	12	1,283	1,662	3	0	120	0	1,782	5	1,288	0	0	
7:30 - 7:45	1,005	247	23	4	1.27	4.63	8	1,287	1,632	0	0	0	0	1,632	5	1,292	0	0	
7:45 - 8:00	895	193	17	5	1.25	5.14	5	1,115	1,399	5	0	200	0	1,599	11	1,126	0	0	
8:00 - 8:15	825	319	33	3	1.36	3.97	11	1,191	1,617	0	0	0	0	1,617	20	1,211	0	0	
8:15 - 8:30	940	322	35	1	1.31	3.50	12	1,310	1,722	5	0	200	0	1,922	11	1,321	0	0	
8:30 - 8:45	1,036	396	38	2	1.34	3.58	9	1,481	1,980	0	0	0	0	1,980	23	1,504	0	0	
8:45 - 9:00	940	245	18	3	1.26	4.43	9	1,215	1,532	5	0	200	0	1,732	18	1,233	0	0	
9:00 - 9:15	911	237	34	5	1.31	4.26	6	1,193	1,557	0	0	0	0	1,557	21	1,214	0	0	
9:15 - 9:30	1,111	244	25	3	1.24	4.14	2	1,385	1,717	1	0	40	0	1,757	12	1,397	0	0	
9:30 - 9:45	950	165	22	7	1.26	5.48	7	1,151	1,446	0	0	0	0	1,446	23	1,174	0	0	
9:45 - 10:00	906	166	20	6	1.26	5.50	4	1,102	1,385	0	0	0	0	1,385	14	1,116	0	0	

5-Hour Totals

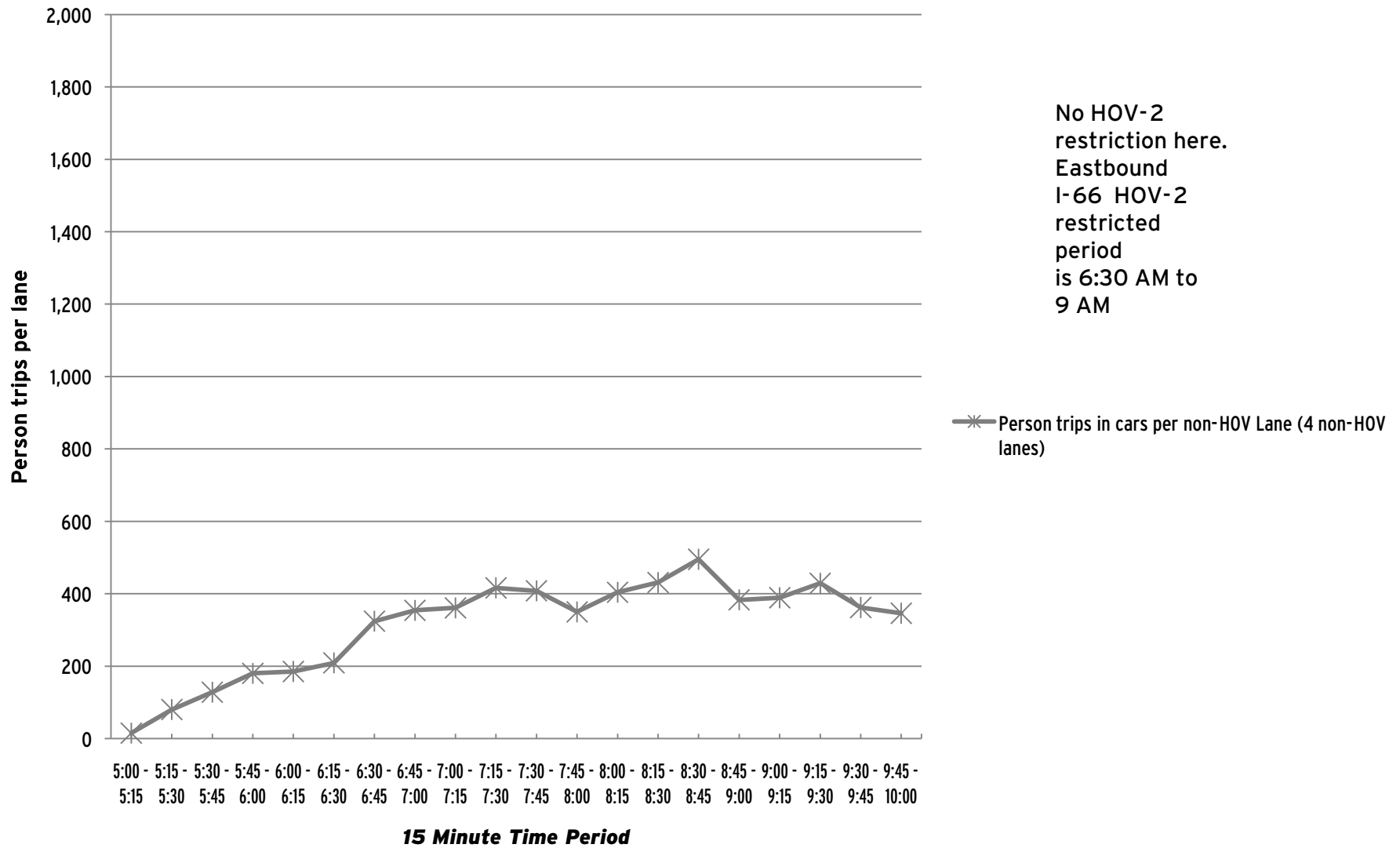
Vehicles	16,486	3,243	329	69	N/A	N/A	121	20,248	24,990	23	0	920	0	25,910	185	20,433	0	0
Persons	16,486	6,486	1,069	828			121											

I-66 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (8:30 AM - 9:30 AM)
Highway Passengers	25,910	7,026
Rail Passengers	0	0
Auto and Motorcycle Passengers	24,990	6,786
Autos and Motorcycles	20,248	5,274
Average Auto Occupancy (Includes Motorcycles)	1.23	1.29

I-66 Eastbound at T. Roosevelt Bridge A.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval

No HOV-2 restriction here.
Eastbound I-66 HOV-2 restricted period is 6:30 AM to 9 AM



VA-267 from Greenway and VA-28
 All Lanes Total
 Spring 2010 - 28 April 2010

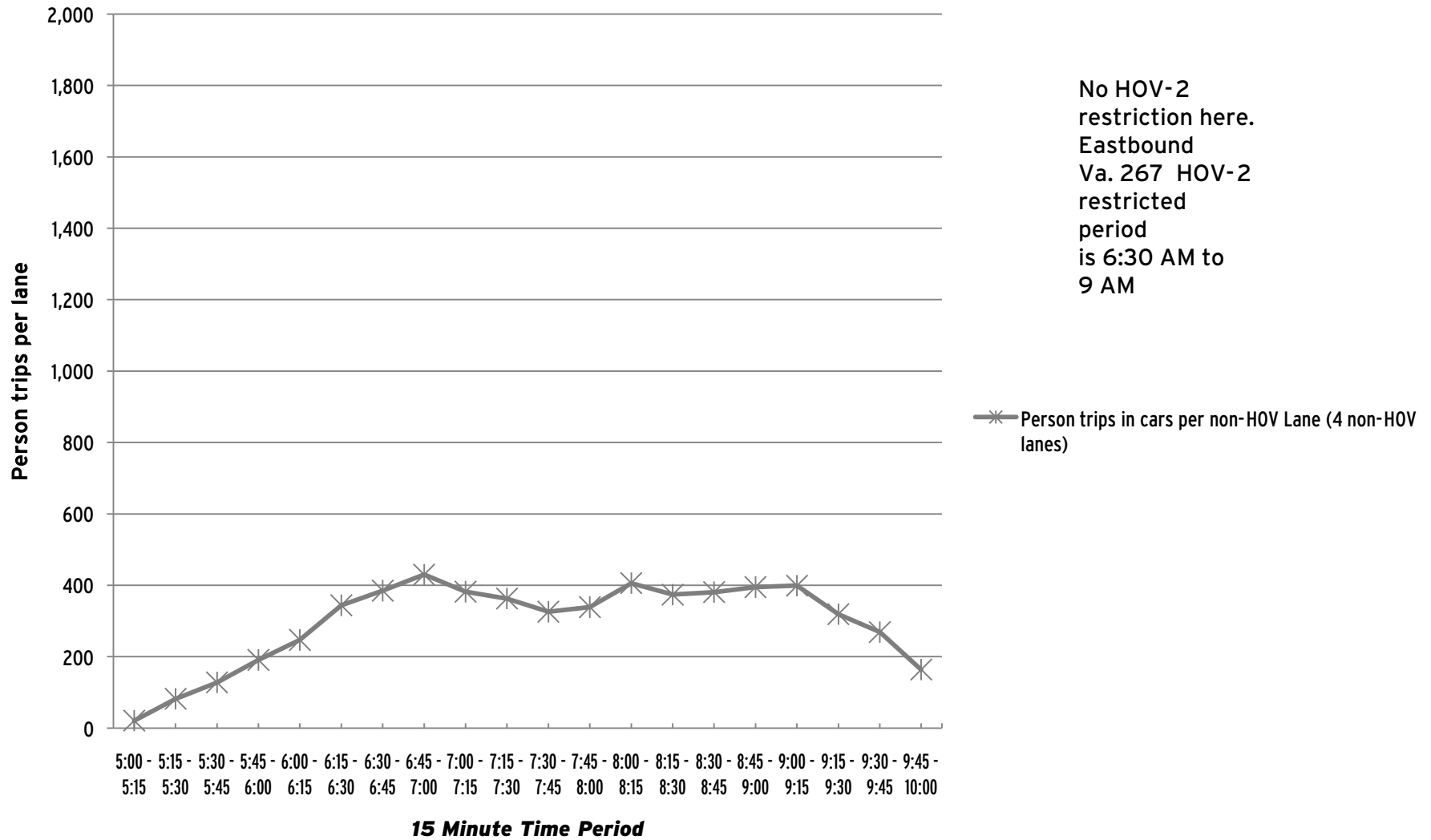
Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Passengers	Trucks			
5:00 - 5:15	75	3	0	0	1.04	0.00	1	79	82	0	0	0	0	82	0	79	0	0	
5:15 - 5:30	312	7	0	0	1.02	0.00	1	320	327	0	1	0	41	368	2	322	0	0	
5:30 - 5:45	464	12	0	2	1.07	12.00	1	479	513	1	0	36	0	549	1	480	0	0	
5:45 - 6:00	699	19	0	2	1.06	12.00	1	721	762	0	2	0	82	844	1	723	0	0	
6:00 - 6:15	937	6	0	3	1.04	12.00	2	948	987	0	0	0	0	987	3	951	0	0	
6:15 - 6:30	1,339	0	0	3	1.02	12.00	0	1,342	1,375	0	5	0	205	1,580	3	1,345	0	0	
6:30 - 6:45	1,516	0	0	2	1.01	12.00	1	1,519	1,541	1	0	63	0	1,604	8	1,528	0	0	
6:45 - 7:00	1,580	56	0	2	1.05	12.00	2	1,640	1,718	0	6	0	246	1,964	2	1,643	0	0	
7:00 - 7:15	1,136	181	4	1	1.15	5.00	3	1,325	1,526	1	0	51	0	1,577	4	1,329	0	0	
7:15 - 7:30	1,120	162	2	0	1.13	3.00	3	1,287	1,453	0	15	0	615	2,068	3	1,290	0	0	
7:30 - 7:45	989	142	10	0	1.14	3.00	1	1,142	1,304	1	0	58	0	1,362	2	1,144	0	0	
7:45 - 8:00	1,111	107	5	1	1.11	4.67	1	1,225	1,354	0	7	0	287	1,641	4	1,230	0	0	
8:00 - 8:15	1,579	19	1	0	1.01	4.00	3	1,602	1,624	0	0	0	0	1,624	1	1,603	0	0	
8:15 - 8:30	1,465	8	0	1	1.01	12.00	2	1,476	1,495	1	11	37	451	1,983	2	1,478	0	0	
8:30 - 8:45	1,525	0	0	0	1.00	0.00	0	1,525	1,525	0	0	0	0	1,525	0	1,526	0	0	
8:45 - 9:00	1,554	5	0	1	1.01	12.00	2	1,562	1,578	1	6	66	246	1,890	5	1,567	0	0	
9:00 - 9:15	1,511	41	0	0	1.03	0.00	1	1,553	1,594	0	0	0	0	1,594	2	1,555	0	0	
9:15 - 9:30	1,160	35	1	3	1.06	9.75	5	1,204	1,274	0	1	0	41	1,315	7	1,211	0	0	
9:30 - 9:45	982	44	1	0	1.04	3.00	1	1,028	1,074	1	0	42	0	1,116	1	1,029	0	0	
9:45 - 10:00	579	39	0	0	1.06	0.00	0	618	657	0	1	0	41	698	2	620	0	0	

5-Hour Totals																			
Vehicles	21,633	886	24	21	N/A	N/A	31	22,595	23,763	7	55	353	2,255	26,371	53	22,653	0	0	
Persons	21,633	1,772	75	252			31												

	Va. 267 HOV Restricted		
	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (8:00 AM - 9:00 AM)	
Highway Passengers	26,371	17,238	7,022
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	23,763	15,118	6,222
Autos and Motorcycles	22,595	14,303	6,165
Average Auto Occupancy (Includes Motorcycles)	1.05	1.06	1.01

**Va. 267 Eastbound
East of Va. 28 (Sully Road)
A.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

No HOV-2
restriction here.
Eastbound
Va. 267 HOV-2
restricted
period
is 6:30 AM to
9 AM



Va. 267 eastbound at Va. 7100 (Fairfax County Pkwy)

All Lanes Total

Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.	
									Auto Persons + MC Riders	+ MC Riders	Transit	Other	Transit	Other	+ MC Passengers	Trucks				
5:00 - 5:15	0	0	0	0	#DIV/0!	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 - 5:30	379	2	0	2	1.06	12.00	1	384	408	2	1	68	41	517	1	388	0	0	0	0
5:30 - 5:45	533	0	0	0	1.00	0.00	2	535	535	3	0	104	0	639	4	542	0	0	0	0
5:45 - 6:00	906	45	0	1	1.06	12.00	1	953	1,009	2	2	38	82	1,129	2	959	0	0	0	0
6:00 - 6:15	1,105	23	0	1	1.03	12.00	1	1,130	1,164	2	0	68	0	1,232	10	1,142	0	0	0	0
6:15 - 6:30	1,233	16	0	9	1.09	12.00	0	1,258	1,373	5	5	144	205	1,722	5	1,273	0	0	0	0
6:30 - 6:45	1,529	121	3	10	1.14	10.00	1	1,664	1,902	6	0	169	0	2,071	5	1,675	0	0	0	0
6:45 - 7:00	1,188	213	10	2	1.18	4.67	5	1,418	1,675	6	6	144	246	2,065	6	1,436	0	0	0	0
7:00 - 7:15	1,116	235	3	7	1.24	9.60	3	1,364	1,685	4	0	157	0	1,842	2	1,370	0	0	0	0
7:15 - 7:30	920	189	6	0	1.18	3.67	3	1,118	1,323	4	15	144	615	2,082	1	1,138	0	0	0	0
7:30 - 7:45	1,049	115	1	1	1.11	8.50	1	1,167	1,297	4	0	164	0	1,461	4	1,175	0	0	0	0
7:45 - 8:00	1,075	103	0	0	1.09	0.00	5	1,183	1,286	4	7	144	287	1,717	7	1,201	0	0	0	0
8:00 - 8:15	899	76	1	2	1.10	9.00	4	982	1,082	3	0	106	0	1,188	5	990	0	0	0	0
8:15 - 8:30	1,033	61	0	1	1.07	12.00	3	1,098	1,170	5	11	181	451	1,802	0	1,114	0	0	0	0
8:30 - 8:45	1,100	42	0	3	1.07	12.00	0	1,145	1,220	3	0	106	0	1,326	2	1,150	0	0	0	0
8:45 - 9:00	1,313	22	0	0	1.02	0.00	3	1,338	1,360	5	6	172	246	1,778	5	1,354	0	0	0	0
9:00 - 9:15	1,417	48	0	2	1.05	12.00	2	1,469	1,539	3	0	68	0	1,607	4	1,476	0	0	0	0
9:15 - 9:30	1,320	51	0	4	1.07	12.00	2	1,377	1,472	3	1	68	41	1,581	8	1,389	0	0	0	0
9:30 - 9:45	934	26	0	1	1.04	12.00	2	963	1,000	3	0	110	0	1,110	3	969	0	0	0	0
9:45 - 10:00	871	34	1	2	1.06	9.00	1	909	967	2	1	68	41	1,076	2	914	0	0	0	0

5-Hour Totals

Vehicles	19,920	1,422	25	48	N/A	N/A	40	21,455	23,467	69	55	2,223	2,255	27,945	76	21,655	0	0	0
Persons	19,920	2,844	87	576			40												

Va. 267 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (6:15 AM - 7:15 AM)
Highway Passengers	27,945	17,332
Rail Passengers	0	0
Auto and Motorcycle Passengers	23,467	14,000
Autos and Motorcycles	21,455	12,477
Average Auto Occupancy (Includes Motorcycles)	1.09	1.12

Va. 267 eastbound at Va. 7100 (Fairfax County Pkwy)
 HOV Lane Total
 Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	0	0	0	0	#DIV/0!	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 - 5:30	49	1	0	2	1.43	12.00	1	53	76	2	1	68	41	185	0	56	0	0	0	
5:30 - 5:45	62	0	0	0	1.00	0.00	1	63	63	3	0	104	0	167	0	66	0	0	0	
5:45 - 6:00	144	34	0	1	1.25	12.00	1	180	225	1	2	38	82	345	0	183	0	0	0	
6:00 - 6:15	219	6	0	1	1.07	12.00	1	227	244	2	0	68	0	312	7	236	0	0	0	
6:15 - 6:30	338	14	0	5	1.19	12.00	0	357	426	4	5	144	205	775	2	368	0	0	0	
6:30 - 6:45	228	121	3	7	1.57	9.40	1	360	565	4	0	169	0	734	1	365	0	0	0	
6:45 - 7:00	122	212	10	1	1.71	4.00	2	347	592	4	6	144	246	982	0	357	0	0	0	
7:00 - 7:15	90	233	3	5	1.89	9.00	3	334	631	4	0	157	0	788	0	338	0	0	0	
7:15 - 7:30	42	186	4	0	1.85	4.00	2	234	432	4	15	144	615	1,191	0	253	0	0	0	
7:30 - 7:45	102	109	0	1	1.57	12.00	0	212	332	4	0	164	0	496	1	217	0	0	0	
7:45 - 8:00	162	97	0	0	1.37	0.00	4	263	360	4	7	144	287	791	7	281	0	0	0	
8:00 - 8:15	167	55	1	1	1.30	7.50	2	226	294	3	0	106	0	400	4	233	0	0	0	
8:15 - 8:30	204	37	0	0	1.15	0.00	3	244	281	5	11	181	451	913	0	260	0	0	0	
8:30 - 8:45	239	31	0	1	1.15	12.00	0	271	313	3	0	106	0	419	1	275	0	0	0	
8:45 - 9:00	242	17	0	0	1.07	0.00	2	261	278	4	6	172	246	696	4	275	0	0	0	
9:00 - 9:15	323	42	0	1	1.14	12.00	1	367	420	2	0	68	0	488	2	371	0	0	0	
9:15 - 9:30	273	48	0	0	1.15	0.00	1	322	370	2	1	68	41	479	2	327	0	0	0	
9:30 - 9:45	196	25	0	1	1.16	12.00	1	223	259	3	0	110	0	369	0	226	0	0	0	
9:45 - 10:00	151	32	1	2	1.30	9.00	0	186	242	2	1	68	41	351	1	190	0	0	0	

5-Hour Totals

Vehicles	3,353	1,300	22	29	N/A	N/A	26	4,730	6,403	60	55	2,223	2,255	10,881	32	4,877	0	0
Persons	3,353	2,600	76	348			26											

Va. 267 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (6:15 AM - 7:15 AM)
Highway Passengers	10,881	7,410
Rail Passengers	0	0
Auto and Motorcycle Passengers	6,403	4,078
Autos and Motorcycles	4,730	2,752
Average Auto Occupancy (Includes Motorcycles)	1.35	1.48

Va. 267 eastbound at Va. 7100 (Fairfax County Pkwy)

Non-HOV Lane Total

Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	0	0	0	0	#DIV/0!	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 - 5:30	330	1	0	0	1.00	0.00	0	331	332	0	0	0	0	0	332	1	332	0	0	0
5:30 - 5:45	471	0	0	0	1.00	0.00	1	472	472	0	0	0	0	0	472	4	476	0	0	0
5:45 - 6:00	762	11	0	0	1.01	0.00	0	773	784	1	0	0	0	0	784	2	776	0	0	0
6:00 - 6:15	886	17	0	0	1.02	0.00	0	903	920	0	0	0	0	0	920	3	906	0	0	0
6:15 - 6:30	895	2	0	4	1.05	12.00	0	901	947	1	0	0	0	0	947	3	905	0	0	0
6:30 - 6:45	1,301	0	0	3	1.03	12.00	0	1,304	1,337	2	0	0	0	0	1,337	4	1,310	0	0	0
6:45 - 7:00	1,066	1	0	1	1.01	12.00	3	1,071	1,083	2	0	0	0	0	1,083	6	1,079	0	0	0
7:00 - 7:15	1,026	2	0	2	1.02	12.00	0	1,030	1,054	0	0	0	0	0	1,054	2	1,032	0	0	0
7:15 - 7:30	878	3	2	0	1.01	3.00	1	884	891	0	0	0	0	0	891	1	885	0	0	0
7:30 - 7:45	947	6	1	0	1.01	5.00	1	955	965	0	0	0	0	0	965	3	958	0	0	0
7:45 - 8:00	913	6	0	0	1.01	0.00	1	920	926	0	0	0	0	0	926	0	920	0	0	0
8:00 - 8:15	732	21	0	1	1.04	12.00	2	756	788	0	0	0	0	0	788	1	757	0	0	0
8:15 - 8:30	829	24	0	1	1.04	12.00	0	854	889	0	0	0	0	0	889	0	854	0	0	0
8:30 - 8:45	861	11	0	2	1.04	12.00	0	874	907	0	0	0	0	0	907	1	875	0	0	0
8:45 - 9:00	1,071	5	0	0	1.00	0.00	1	1,077	1,082	1	0	0	0	0	1,082	1	1,079	0	0	0
9:00 - 9:15	1,094	6	0	1	1.02	12.00	1	1,102	1,119	1	0	0	0	0	1,119	2	1,105	0	0	0
9:15 - 9:30	1,047	3	0	4	1.04	12.00	1	1,055	1,102	1	0	0	0	0	1,102	6	1,062	0	0	0
9:30 - 9:45	738	1	0	0	1.00	0.00	1	740	741	0	0	0	0	0	741	3	743	0	0	0
9:45 - 10:00	720	2	0	0	1.00	0.00	1	723	725	0	0	0	0	0	725	1	724	0	0	0

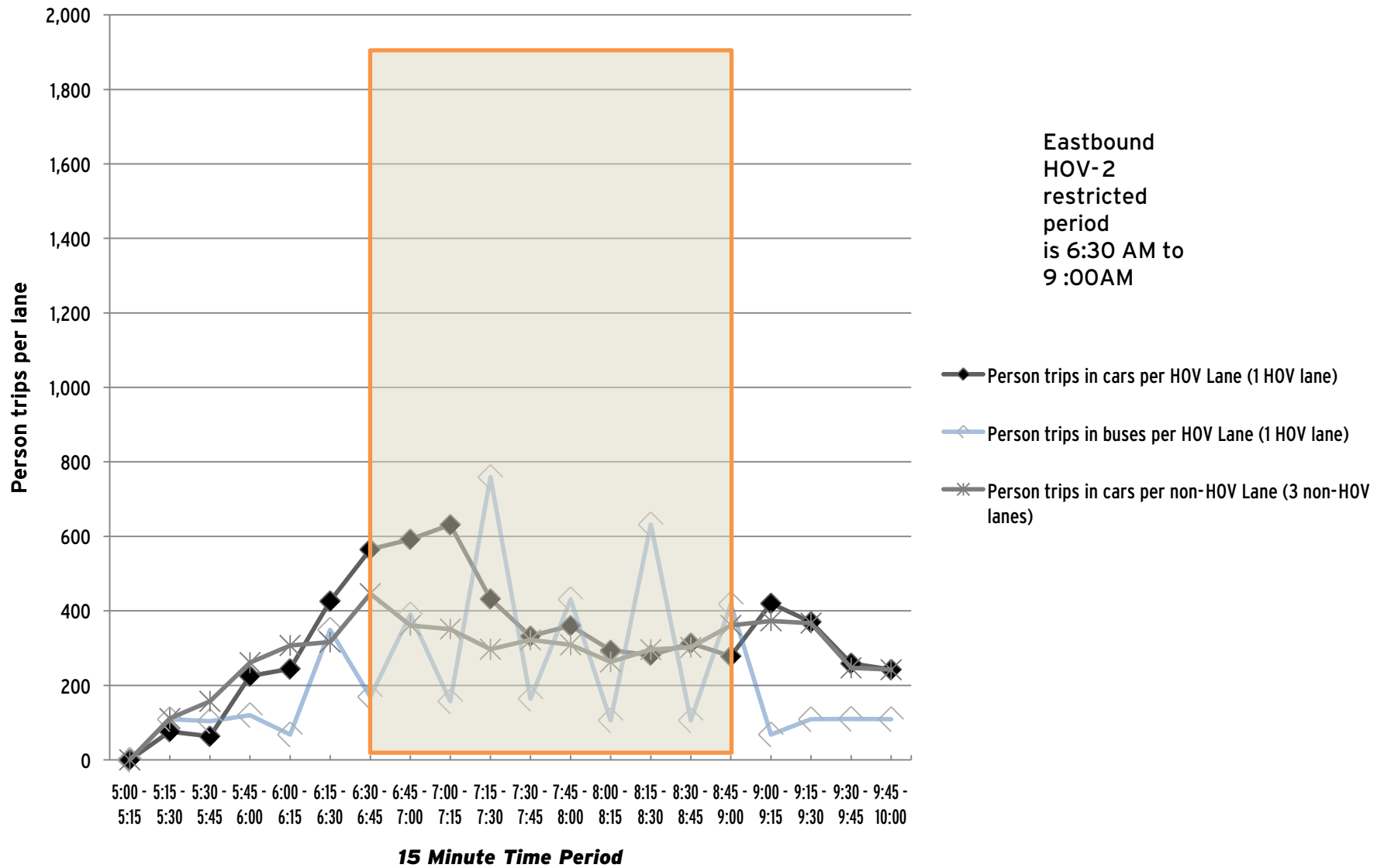
5-Hour Totals

Vehicles	16,567	122	3	19	N/A	N/A	14	16,725	17,064	9	0	0	0	0	17,064	44	16,778	0	0	0
Persons	16,567	244	11	228			14													

Va. 267 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (6:15 AM - 7:15 AM)
Highway Passengers	17,064	9,922
Rail Passengers	0	0
Auto and Motorcycle Passengers	17,064	9,922
Autos and Motorcycles	16,725	9,725
Average Auto Occupancy (Includes Motorcycles)	1.02	1.03

**Va. 7100 Eastbound
Between Va. 7100 (Fairfax Co. Parkway) and Va. 602 (Reston Parkway)
Observed person trips per lane by 15 minute interval**



Va. 267 eastbound between Trap Road and Va. 7 (Leesburg Pike)

All Lanes Total

Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit					
5:00 - 5:15	136	25	0	0	1.16	0.00	0	161	186	2	0	28	0	214	0	163	0	0		
5:15 - 5:30	421	49	0	0	1.10	0.00	0	470	519	4	1	126	41	686	2	477	0	0		
5:30 - 5:45	724	25	0	0	1.03	0.00	6	755	780	2	0	68	0	848	1	758	0	0		
5:45 - 6:00	867	170	0	0	1.16	0.00	5	1,042	1,212	3	2	96	82	1,390	1	1,048	0	0		
6:00 - 6:15	1,252	103	0	1	1.08	12.00	5	1,361	1,475	5	0	129	0	1,604	3	1,369	0	0		
6:15 - 6:30	1,272	129	1	1	1.10	7.50	9	1,412	1,554	10	5	284	205	2,043	3	1,430	0	0		
6:30 - 6:45	1,257	183	4	5	1.17	8.22	17	1,466	1,714	7	0	214	0	1,928	2	1,475	0	0		
6:45 - 7:00	1,263	366	7	3	1.25	5.70	11	1,650	2,063	10	6	302	246	2,611	5	1,671	0	0		
7:00 - 7:15	1,331	548	7	3	1.31	6.00	18	1,907	2,505	8	0	240	0	2,745	7	1,922	0	0		
7:15 - 7:30	1,264	373	6	0	1.23	3.00	13	1,656	2,041	12	15	311	615	2,967	11	1,694	0	0		
7:30 - 7:45	1,209	246	9	0	1.18	3.00	14	1,478	1,742	6	0	196	0	1,938	14	1,498	0	0		
7:45 - 8:00	1,276	226	5	1	1.16	4.67	3	1,511	1,759	9	7	255	287	2,301	12	1,539	0	0		
8:00 - 8:15	1,202	202	3	1	1.16	6.00	16	1,424	1,646	9	0	265	0	1,911	7	1,440	0	0		
8:15 - 8:30	1,124	177	1	2	1.15	9.00	10	1,314	1,515	10	11	302	451	2,268	17	1,353	0	0		
8:30 - 8:45	1,374	226	1	1	1.15	7.50	8	1,610	1,849	6	3	176	123	2,148	30	1,649	0	0		
8:45 - 9:00	1,351	158	9	1	1.12	3.90	9	1,528	1,715	9	5	276	205	2,196	12	1,554	0	0		
9:00 - 9:15	1,452	43	7	0	1.04	3.71	2	1,504	1,566	5	5	141	205	1,912	14	1,528	0	0		
9:15 - 9:30	1,606	105	4	0	1.07	3.00	2	1,717	1,830	4	0	96	0	1,926	14	1,736	0	0		
9:30 - 9:45	1,540	69	0	0	1.04	0.00	6	1,615	1,684	4	2	133	82	1,899	8	1,629	0	0		
9:45 - 10:00	894	40	0	0	1.04	0.00	2	936	976	4	0	113	0	1,089	8	948	0	0		

5-Hour Totals

Vehicles	22,815	3,463	64	19	N/A	N/A	156	26,517	30,331	129	62	3,751	2,542	36,624	171	26,881	0	0
Persons	22,815	6,926	206	228			156											

Va. 267 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	36,624	23,013
Rail Passengers	0	0
Auto and Motorcycle Passengers	30,331	18,549
Autos and Motorcycles	26,517	15,544
Average Auto Occupancy (Includes Motorcycles)	1.14	1.19

Va. 267 eastbound between Trap Road and Va. 7 (Leesburg Pike)

HOV Lane Total

Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	37	1	0	0	1.03	0.00	0	38	39	1	0	28	0	67	0	39	0	0	
5:15 - 5:30	102	4	0	0	1.04	0.00	0	106	110	4	1	126	41	277	0	111	0	0	
5:30 - 5:45	160	7	0	0	1.04	0.00	4	171	178	2	0	68	0	246	0	173	0	0	
5:45 - 6:00	89	170	0	0	1.65	0.00	3	262	432	3	2	96	82	610	1	268	0	0	
6:00 - 6:15	305	94	0	1	1.26	12.00	2	402	507	4	0	129	0	636	2	408	0	0	
6:15 - 6:30	353	88	1	1	1.23	7.50	4	447	548	10	5	284	205	1,037	1	463	0	0	
6:30 - 6:45	191	164	3	5	1.62	8.88	6	369	596	7	0	214	0	810	2	378	0	0	
6:45 - 7:00	92	201	5	2	1.76	5.57	7	307	540	10	6	302	246	1,088	4	327	0	0	
7:00 - 7:15	111	308	5	3	1.81	6.75	9	436	790	8	0	240	0	1,030	5	449	0	0	
7:15 - 7:30	122	234	3	0	1.65	3.00	8	367	607	11	15	311	615	1,533	10	403	0	0	
7:30 - 7:45	94	189	8	0	1.67	3.00	14	305	510	6	0	196	0	706	11	322	0	0	
7:45 - 8:00	113	198	4	1	1.69	5.00	1	317	535	9	7	255	287	1,077	12	345	0	0	
8:00 - 8:15	126	195	3	1	1.64	6.00	13	338	553	9	0	265	0	818	7	354	0	0	
8:15 - 8:30	113	162	1	2	1.65	9.00	9	287	473	10	11	302	451	1,226	16	325	0	0	
8:30 - 8:45	143	219	1	1	1.63	7.50	6	370	602	6	3	176	123	901	25	404	0	0	
8:45 - 9:00	171	150	9	0	1.50	3.00	6	336	504	9	5	276	205	985	12	362	0	0	
9:00 - 9:15	402	31	5	0	1.10	3.80	0	438	483	5	5	141	205	829	12	460	0	0	
9:15 - 9:30	398	79	3	0	1.18	3.00	0	480	565	3	0	96	0	661	13	497	0	0	
9:30 - 9:45	345	52	0	0	1.13	0.00	3	400	452	4	2	133	82	667	8	414	0	0	
9:45 - 10:00	186	33	0	0	1.15	0.00	1	220	253	4	0	113	0	366	4	228	0	0	

5-Hour Totals

Vehicles	3,653	2,579	51	17	N/A	N/A	96	6,396	9,277	125	62	3,751	2,542	15,570	145	6,730	0	0
Persons	3,653	5,158	166	204			96											

Va. 267 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	15,570	4,357
Rail Passengers	0	0
Auto and Motorcycle Passengers	9,277	2,447
Autos and Motorcycles	6,396	1,415
Average Auto Occupancy (Includes Motorcycles)	1.45	1.73

Va. 267 eastbound between Trap Road and Va. 7 (Leesburg Pike)
 Non-HOV Lane Total
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit					
5:00 - 5:15	99	24	0	0	1.20	0.00	0	123	147	0	0	0	0	147	0	124	0	0		
5:15 - 5:30	319	45	0	0	1.12	0.00	0	364	409	0	0	0	0	409	2	366	0	0		
5:30 - 5:45	564	18	0	0	1.03	0.00	2	584	602	0	0	0	0	602	1	585	0	0		
5:45 - 6:00	778	0	0	0	1.00	0.00	2	780	780	0	0	0	0	780	0	780	0	0		
6:00 - 6:15	947	9	0	0	1.01	0.00	3	959	968	1	0	0	0	968	1	961	0	0		
6:15 - 6:30	919	41	0	0	1.04	0.00	5	965	1,006	0	0	0	0	1,006	2	967	0	0		
6:30 - 6:45	1,066	19	1	0	1.02	3.00	11	1,097	1,118	0	0	0	0	1,118	0	1,097	0	0		
6:45 - 7:00	1,171	165	2	1	1.13	6.00	4	1,343	1,523	0	0	0	0	1,523	1	1,344	0	0		
7:00 - 7:15	1,220	240	2	0	1.17	3.00	9	1,471	1,715	0	0	0	0	1,715	2	1,473	0	0		
7:15 - 7:30	1,142	139	3	0	1.11	3.00	5	1,289	1,434	1	0	0	0	1,434	1	1,291	0	0		
7:30 - 7:45	1,115	57	1	0	1.05	3.00	0	1,173	1,232	0	0	0	0	1,232	3	1,176	0	0		
7:45 - 8:00	1,163	28	1	0	1.03	3.00	2	1,194	1,224	0	0	0	0	1,224	0	1,194	0	0		
8:00 - 8:15	1,076	7	0	0	1.01	0.00	3	1,086	1,093	0	0	0	0	1,093	0	1,086	0	0		
8:15 - 8:30	1,011	15	0	0	1.01	0.00	1	1,027	1,042	0	0	0	0	1,042	1	1,028	0	0		
8:30 - 8:45	1,231	7	0	0	1.01	0.00	2	1,240	1,247	0	0	0	0	1,247	5	1,245	0	0		
8:45 - 9:00	1,180	8	0	1	1.02	12.00	3	1,192	1,211	0	0	0	0	1,211	0	1,192	0	0		
9:00 - 9:15	1,050	12	2	0	1.02	3.50	2	1,066	1,083	0	0	0	0	1,083	2	1,068	0	0		
9:15 - 9:30	1,208	26	1	0	1.02	3.00	2	1,237	1,265	1	0	0	0	1,265	1	1,239	0	0		
9:30 - 9:45	1,195	17	0	0	1.01	0.00	3	1,215	1,232	0	0	0	0	1,232	0	1,215	0	0		
9:45 - 10:00	708	7	0	0	1.01	0.00	1	716	723	0	0	0	0	723	4	720	0	0		

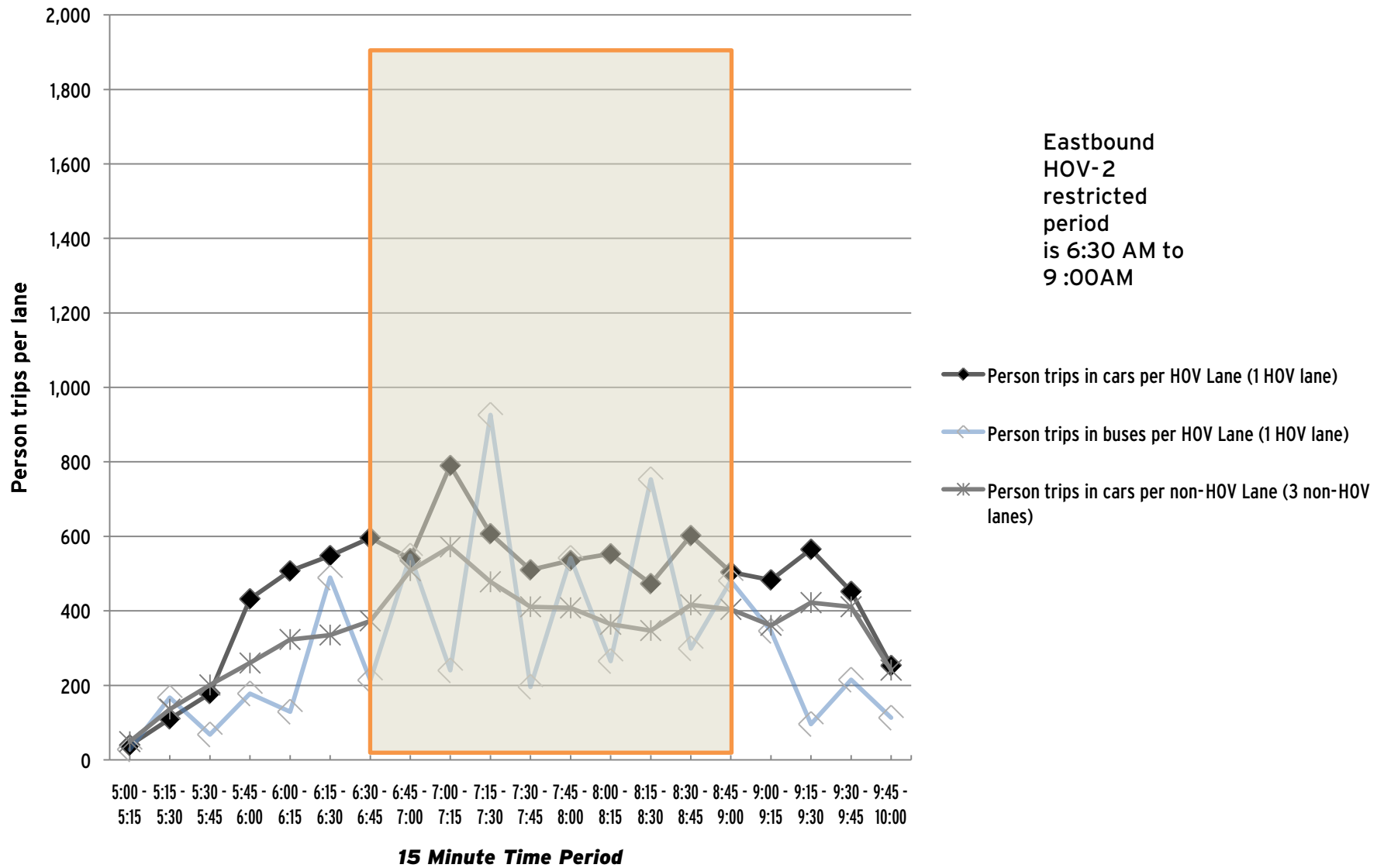
5-Hour Totals

Vehicles	19,162	884	13	2	N/A	N/A	60	20,121	21,054	4	0	0	0	21,054	26	20,151	0	0
Persons	19,162	1,768	40	24			60											

Va. 267 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (6:45AM - 7:45 AM)
Highway Passengers	21,054	12,839
Rail Passengers	0	0
Auto and Motorcycle Passengers	21,054	12,839
Autos and Motorcycles	20,121	12,112
Average Auto Occupancy (Includes Motorcycles)	1.05	1.06

**Va. 267 Eastbound
Between Va. 674 (Hunter Mill Road) and Va. 7 (Leesburg Pike)
Observed person trips per lane by 15 minute interval**



VA267 Eastbound at Main Toll Plaza
 All Lanes Total
 Spring 2010 - 6 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+Bus Passengers					
5:00 - 5:15	14	11	0	1	1.79	12.00	2	28	50		1	0	28	0	78	0	28	0	0
5:15 - 5:30	160	30	5	1	1.27	4.83	2	198	251		4	1	126	41	418	0	198	0	0
5:30 - 5:45	523	43	12	4	1.19	5.44	3	585	699		2	0	68	0	767	13	598	0	0
5:45 - 6:00	727	66	6	9	1.22	8.67	9	817	998		3	2	96	82	1,176	21	838	0	0
6:00 - 6:15	969	75	13	6	1.16	6.05	6	1,069	1,240		4	0	129	0	1,369	16	1,085	0	0
6:15 - 6:30	1,290	95	11	2	1.10	4.62	6	1,404	1,546		10	5	284	205	2,035	17	1,421	0	0
6:30 - 6:45	1,422	124	26	4	1.14	4.50	7	1,583	1,812		7	0	214	0	2,026	14	1,597	0	0
6:45 - 7:00	1,345	184	31	4	1.19	4.40	14	1,578	1,881		10	6	302	246	2,429	33	1,611	0	0
7:00 - 7:15	1,369	218	17	1	1.17	4.00	5	1,610	1,882		8	0	240	0	2,122	13	1,625	0	0
7:15 - 7:30	1,354	201	20	1	1.16	3.76	7	1,583	1,842		11	15	311	615	2,768	13	1,596	0	0
7:30 - 7:45	1,375	235	22	6	1.21	5.11	15	1,653	2,003		6	0	196	0	2,199	23	1,678	0	0
7:45 - 8:00	1,296	235	19	4	1.21	4.83	8	1,562	1,885		9	7	255	287	2,427	25	1,587	0	0
8:00 - 8:15	1,236	160	28	2	1.17	3.77	13	1,439	1,682		9	0	265	0	1,947	19	1,458	0	0
8:15 - 8:30	1,269	170	11	5	1.18	6.44	7	1,462	1,719		10	11	302	451	2,472	13	1,476	0	0
8:30 - 8:45	1,132	181	21	0	1.17	3.52	6	1,340	1,574		6	0	176	0	1,750	10	1,356	0	0
8:45 - 9:00	1,499	219	27	0	1.16	3.19	8	1,753	2,031		9	6	276	246	2,553	11	1,764	0	0
9:00 - 9:15	1,462	108	8	3	1.10	5.91	3	1,584	1,746		5	0	141	0	1,887	21	1,606	0	0
9:15 - 9:30	1,442	102	6	1	1.08	5.00	4	1,555	1,685		3	1	96	41	1,822	11	1,568	0	0
9:30 - 9:45	1,514	124	7	2	1.10	5.22	6	1,653	1,815		4	0	133	0	1,948	28	1,681	0	0
9:45 - 10:00	1,326	129	9	2	1.12	4.82	5	1,471	1,642		4	1	113	41	1,796	20	1,491	0	0

5-Hour Totals

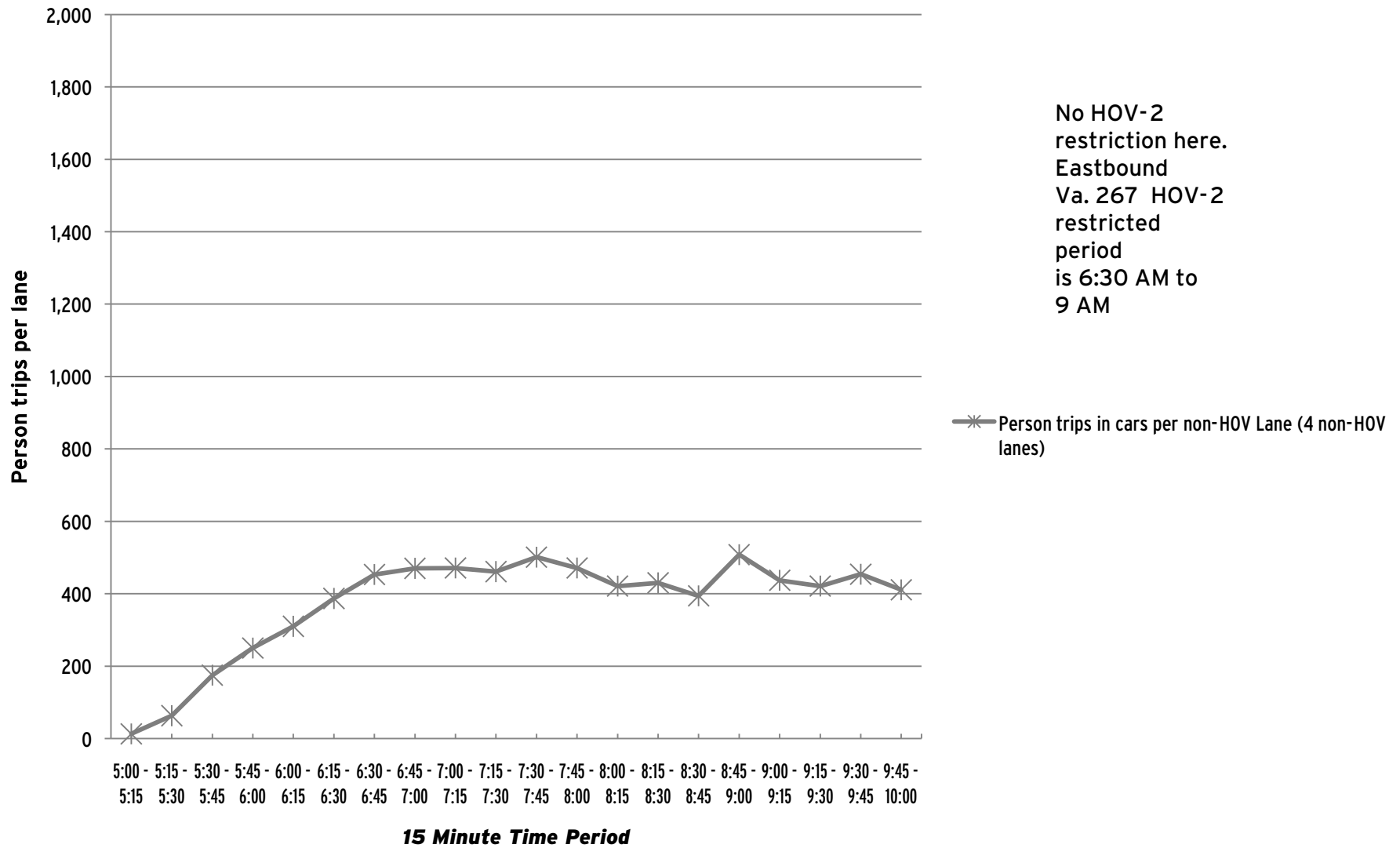
Vehicles	22,724	2,710	299	58	N/A	N/A	136	25,927	29,983	125	55	3,751	2,255	35,989	321	26,262	0	0
Persons	22,724	5,420	1,007	696			136											

Va. 267 HOV Restricted

	Period 5 Hours (6:30 AM - 9:00 AM)	Peak Hour (8:45 AM - 9:45 AM)
Highway Passengers	35,989	8,210
Rail Passengers	0	0
Auto and Motorcycle Passengers	29,983	7,277
Autos and Motorcycles	25,927	6,545
Average Auto Occupancy (Includes Motorcycles)	1.16	1.11

**Va. 267 Eastbound at Main Toll Plaza
A.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

No HOV-2 restriction here.
Eastbound Va. 267 HOV-2 restricted period is 6:30 AM to 9 AM



Va. 267 eastbound at Va. 123 (Dolley Madison Blvd)

All Lanes Total

Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers					
5:00 - 5:15	100	0	0	0	1.00	0.00	0	100	100	1	0	28	0	128	0	100	0	0	
5:15 - 5:30	268	1	0	0	1.00	0.00	1	270	271	4	1	126	41	438	4	274	0	0	
5:30 - 5:45	441	0	0	1	1.02	12.00	2	444	455	2	0	68	0	523	7	451	0	0	
5:45 - 6:00	521	12	1	0	1.03	4.00	3	537	552	3	2	96	82	730	10	547	0	0	
6:00 - 6:15	495	33	2	2	1.11	7.50	3	535	594	4	0	129	0	723	9	544	0	0	
6:15 - 6:30	441	61	1	9	1.32	11.10	0	512	674	10	5	284	205	1,163	4	516	0	0	
6:30 - 6:45	232	44	3	3	1.30	7.67	2	284	368	7	0	214	0	582	8	292	0	0	
6:45 - 7:00	118	24	6	1	1.32	4.43	1	150	198	10	6	302	246	746	4	154	0	0	
7:00 - 7:15	171	47	6	3	1.41	6.33	2	229	324	8	0	240	0	564	10	239	0	0	
7:15 - 7:30	284	83	9	3	1.36	5.50	3	382	519	11	15	311	615	1,445	5	387	0	0	
7:30 - 7:45	403	176	7	0	1.32	3.14	7	593	784	6	0	196	0	980	6	599	0	0	
7:45 - 8:00	480	155	1	1	1.26	7.50	9	646	814	9	7	255	287	1,356	9	655	0	0	
8:00 - 8:15	213	139	12	2	1.50	4.36	3	369	555	9	0	265	0	820	6	375	0	0	
8:15 - 8:30	249	122	1	3	1.41	9.75	5	380	537	10	11	302	451	1,290	23	403	0	0	
8:30 - 8:45	314	149	3	1	1.35	5.50	6	473	640	6	0	176	0	816	17	491	0	0	
8:45 - 9:00	259	115	10	4	1.46	5.79	5	393	575	9	6	276	246	1,097	3	396	0	0	
9:00 - 9:15	535	75	5	12	1.35	9.53	1	628	848	5	0	141	0	989	6	634	0	0	
9:15 - 9:30	500	68	5	11	1.34	9.38	2	586	788	3	1	96	41	925	2	589	0	0	
9:30 - 9:45	453	75	3	5	1.25	8.63	3	539	675	4	0	133	0	808	1	540	0	0	
9:45 - 10:00	450	61	3	9	1.32	9.83	4	527	694	4	1	113	41	848	3	530	0	0	

5-Hour Totals

Vehicles	6,927	1,440	78	70	N/A	N/A	62	8,577	10,965	125	55	3,751	2,255	16,971	137	8,716	0	0
Persons	6,927	2,880	256	840			62											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (6:30 AM - 9:00 AM)	9:00 AM - 10:00 AM)	(9:00AM - 10:00 AM)
Highway Passengers	16,971	9,696	3,570
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	10,965	5,314	3,005
Autos and Motorcycles	8,577	3,899	2,280
Average Auto Occupancy (Includes Motorcycles)	1.28	1.36	1.32

Va. 267 eastbound at Va. 123 (Dolley Madison Blvd)
 HOV Lane Total
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders + Bus Passengers		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	89	0	0	0	1.00	0.00	0	89	89	0	0	0	0	89	0	89	0	0	
5:15 - 5:30	219	0	0	0	1.00	0.00	1	220	220	0	0	0	0	220	1	221	0	0	
5:30 - 5:45	353	0	0	1	1.03	12.00	2	356	367	0	0	0	0	367	0	356	0	0	
5:45 - 6:00	431	8	0	0	1.02	0.00	3	442	450	0	0	0	0	450	2	444	0	0	
6:00 - 6:15	415	29	1	2	1.12	9.00	2	449	502	0	0	0	0	502	1	450	0	0	
6:15 - 6:30	380	48	0	7	1.29	12.00	0	435	560	0	0	0	0	560	0	435	0	0	
6:30 - 6:45	149	24	2	1	1.22	6.00	1	177	216	0	0	0	0	216	0	177	0	0	
6:45 - 7:00	21	4	0	1	1.56	12.00	1	27	42	0	0	0	0	42	0	27	0	0	
7:00 - 7:15	61	5	0	0	1.07	0.00	1	67	72	0	0	0	0	72	0	67	0	0	
7:15 - 7:30	159	40	2	0	1.22	3.50	3	204	249	0	0	0	0	249	0	204	0	0	
7:30 - 7:45	282	135	5	0	1.34	3.00	4	426	571	0	0	0	0	571	1	427	0	0	
7:45 - 8:00	390	108	0	0	1.21	0.00	6	504	612	0	0	0	0	612	3	507	0	0	
8:00 - 8:15	166	111	10	1	1.49	3.91	3	291	434	0	0	0	0	434	5	296	0	0	
8:15 - 8:30	144	81	1	0	1.36	3.00	3	229	312	0	0	0	0	312	7	236	0	0	
8:30 - 8:45	197	118	2	0	1.38	3.50	5	322	445	0	0	0	0	445	4	326	0	0	
8:45 - 9:00	203	95	9	4	1.51	6.00	4	315	475	0	0	0	0	475	1	316	0	0	
9:00 - 9:15	396	63	5	10	1.39	9.20	1	475	661	0	0	0	0	661	5	480	0	0	
9:15 - 9:30	395	48	2	9	1.33	10.36	1	455	606	0	0	0	0	606	0	455	0	0	
9:30 - 9:45	342	52	2	5	1.27	9.43	3	404	515	0	0	0	0	515	0	404	0	0	
9:45 - 10:00	352	47	2	5	1.26	9.57	3	409	516	0	0	0	0	516	0	409	0	0	

5-Hour Totals

Vehicles	5,144	1,016	43	46	N/A	N/A	47	6,296	7,914	0	0	0	0	7,914	30	6,326	0	0
Persons	5,144	2,032	139	552			47											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (6:30 AM - 9:00 AM)	3 Hours (9:00 AM - 10:00 AM)	(9:00AM - 10:00 AM)
Highway Passengers	7,914	3,428	2,298
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	7,914	3,428	2,298
Autos and Motorcycles	6,296	2,562	1,743
Average Auto Occupancy (Includes Motorcycles)	1.26	1.34	1.32

Va. 267 eastbound at Va. 123 (Dolley Madison Blvd)

Non-HOV Lane Total

Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
5:00 - 5:15	11	0	0	0	1.00	0.00	0	11	11	0	0	0	0	11	0	11	0	0		
5:15 - 5:30	49	1	0	0	1.02	0.00	0	50	51	0	0	0	0	51	3	53	0	0		
5:30 - 5:45	88	0	0	0	1.00	0.00	0	88	88	0	0	0	0	88	7	95	0	0		
5:45 - 6:00	90	4	1	0	1.07	4.00	0	95	102	0	0	0	0	102	8	103	0	0		
6:00 - 6:15	80	4	1	0	1.07	3.00	1	86	92	0	0	0	0	92	8	94	0	0		
6:15 - 6:30	61	13	1	2	1.48	9.00	0	77	114	0	0	0	0	114	4	81	0	0		
6:30 - 6:45	83	20	1	2	1.42	9.33	1	107	152	0	0	0	0	152	8	115	0	0		
6:45 - 7:00	97	20	6	0	1.27	3.17	0	123	156	0	0	0	0	156	4	127	0	0		
7:00 - 7:15	110	42	6	3	1.56	6.33	1	162	252	0	0	0	0	252	10	172	0	0		
7:15 - 7:30	125	43	7	3	1.52	5.90	0	178	270	0	0	0	0	270	5	183	0	0		
7:30 - 7:45	121	41	2	0	1.28	3.50	3	167	213	0	0	0	0	213	5	172	0	0		
7:45 - 8:00	90	47	1	1	1.42	7.50	3	142	202	0	0	0	0	202	6	148	0	0		
8:00 - 8:15	47	28	2	1	1.55	6.00	0	78	121	0	0	0	0	121	1	79	0	0		
8:15 - 8:30	105	41	0	3	1.49	12.00	2	151	225	0	0	0	0	225	16	167	0	0		
8:30 - 8:45	117	31	1	1	1.29	7.50	1	151	195	1	0	0	0	195	13	165	0	0		
8:45 - 9:00	56	20	1	0	1.28	3.00	1	78	100	0	0	0	0	100	2	80	0	0		
9:00 - 9:15	139	12	0	2	1.22	12.00	0	153	187	0	0	0	0	187	1	154	0	0		
9:15 - 9:30	105	20	3	2	1.39	7.20	1	131	182	1	0	0	0	182	2	134	0	0		
9:30 - 9:45	111	23	1	0	1.19	3.00	0	135	160	0	0	0	0	160	1	136	0	0		
9:45 - 10:00	98	14	1	4	1.51	10.20	1	118	178	0	0	0	0	178	3	121	0	0		

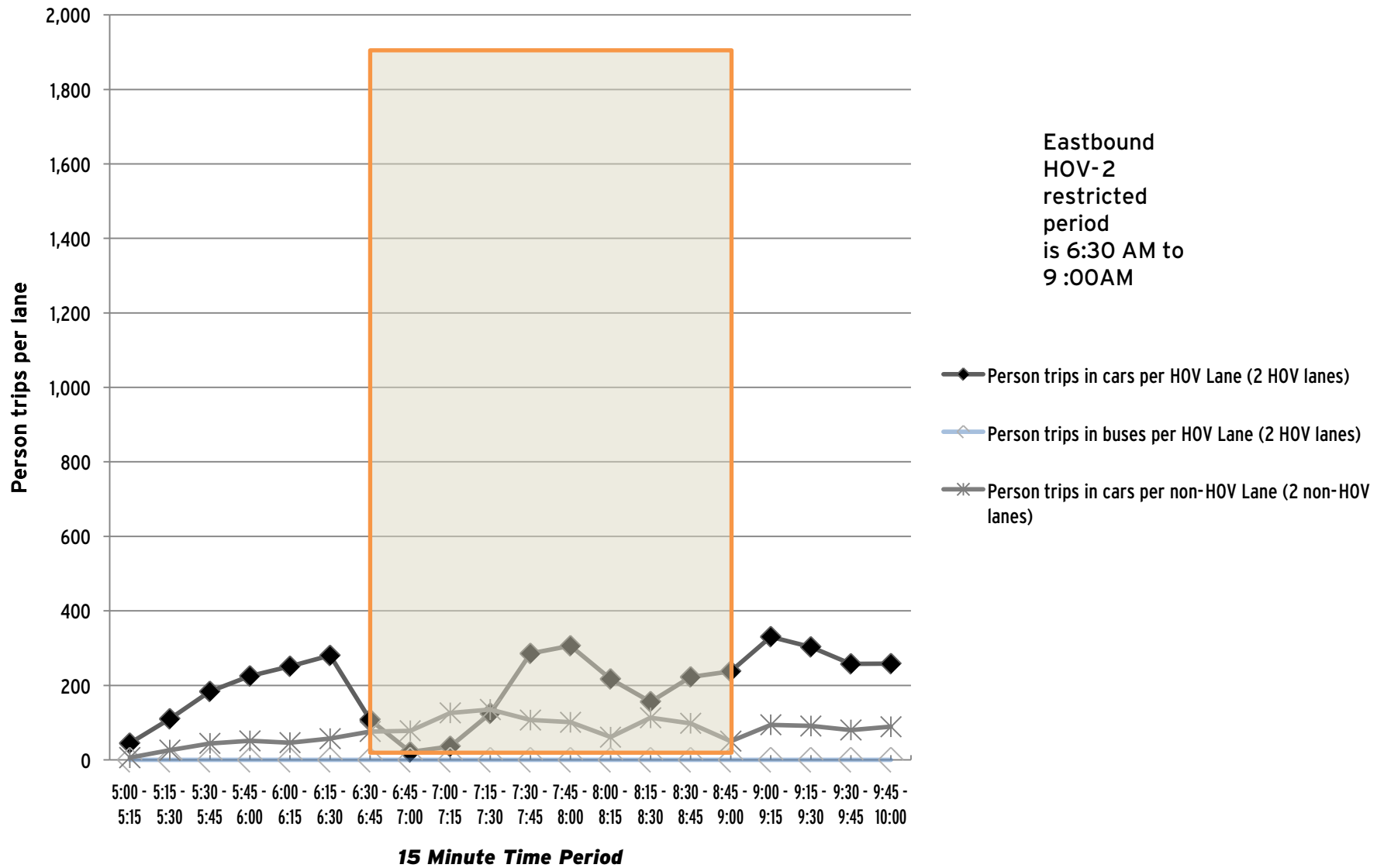
5-Hour Totals

Vehicles	1,783	424	35	24	N/A	N/A	15	2,281	3,051	2	0	0	0	3,051	107	2,390	0	0
Persons	1,783	848	117	288			15											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (6:30 AM - 9:00 AM)	9:00 AM - 10:00 AM)	(9:00AM - 10:00 AM)
Highway Passengers	3,051	1,886	707
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	3,051	1,886	707
Autos and Motorcycles	2,281	1,337	537
Average Auto Occupancy (Includes Motorcycles)	1.34	1.41	1.32

**Va. 267 (Dulles Connector Road) Eastbound
Between Va. 123 (Dolley Madison Boulevard) and I-66
Observed person trips per lane by 15 minute interval**



I-270 Southbound between Md. 109 (Old Hundred Road) and Md. 121 (Clarksburg Road) at Scalehouse

Non-HOV Lane Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	2	2	2	0	2.00	3.00	0	6	12	0	0	0	0	12	0	6	0	0		
5:15 - 5:30	2	2	2	0	2.00	3.00	0	6	12	0	6	0	246	258	0	12	0	0		
5:30 - 5:45	942	0	0	0	1.00	0.00	4	946	946	0	1	0	41	987	1	948	0	0		
5:45 - 6:00	962	0	0	0	1.00	0.00	4	966	966	0	2	0	82	1,048	4	972	0	0		
6:00 - 6:15	922	0	0	0	1.00	0.00	4	926	926	0	2	0	82	1,008	0	928	0	0		
6:15 - 6:30	837	56	2	3	1.10	8.60	4	902	996	0	2	0	82	1,078	2	906	0	0		
6:30 - 6:45	865	109	3	4	1.16	8.57	5	986	1,148	0	1	0	41	1,189	2	990	0	0		
6:45 - 7:00	802	99	2	0	1.11	3.00	2	905	1,008	0	4	0	164	1,172	2	911	0	0		
7:00 - 7:15	893	73	9	7	1.17	7.13	4	986	1,157	0	3	0	123	1,280	0	989	0	0		
7:15 - 7:30	801	55	2	1	1.08	6.00	1	860	930	0	0	0	0	930	0	860	0	0		
7:30 - 7:45	870	28	1	1	1.05	7.50	1	901	942	0	2	0	82	1,024	0	903	0	0		
7:45 - 8:00	888	45	5	0	1.06	3.00	2	940	995	0	1	0	41	1,036	0	941	0	0		
8:00 - 8:15	871	32	0	0	1.04	0.00	3	906	938	0	0	0	0	938	3	909	0	0		
8:15 - 8:30	802	40	0	0	1.05	0.00	1	843	883	0	1	0	41	924	3	847	0	0		
8:30 - 8:45	822	39	1	0	1.05	5.00	0	862	905	0	2	0	82	987	5	869	0	0		
8:45 - 9:00	857	35	1	2	1.07	9.00	1	896	955	0	0	0	0	955	0	896	0	0		
9:00 - 9:15	796	70	6	3	1.13	6.22	1	876	993	0	0	0	0	993	4	880	0	0		
9:15 - 9:30	776	66	2	4	1.14	9.33	2	850	966	0	1	0	41	1,007	1	852	0	0		
9:30 - 9:45	642	119	12	3	1.23	5.20	0	776	958	0	0	0	0	958	4	780	0	0		
9:45 - 10:00	1,079	169	16	8	1.23	6.33	1	1,273	1,570	0	0	0	0	1,570	0	1,273	0	0		

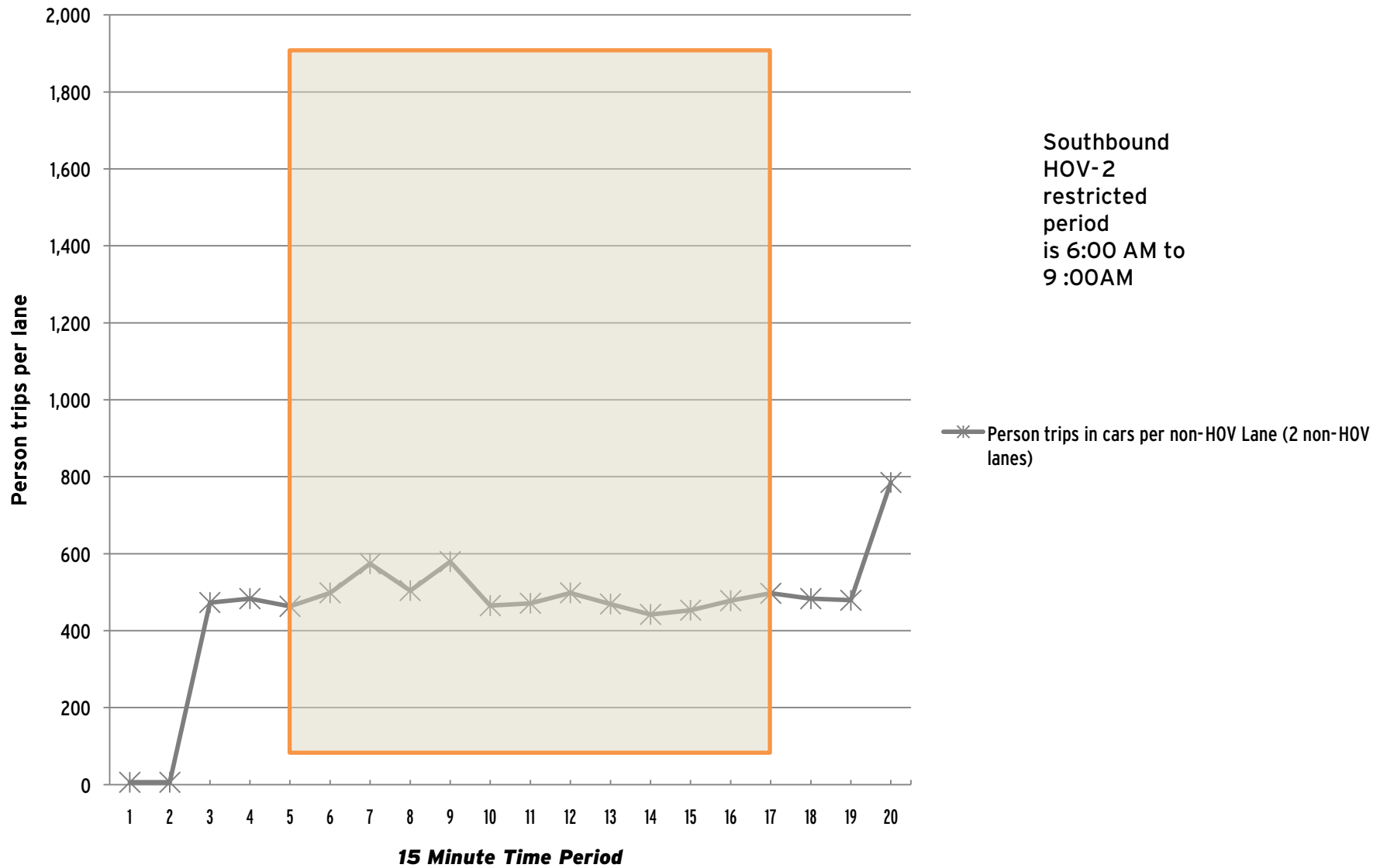
5-Hour Totals

Vehicles	15,431	1,039	66	36	N/A	N/A	40	16,612	18,206	0	28	0	1,148	19,354	31	16,672	0	0
Persons	15,431	2,078	225	432			40											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (6:15 AM - 7:15AM)
Highway Passengers	19,354	4,719
Rail Passengers	0	0
Auto and Motorcycle Passengers	18,206	4,309
Autos and Motorcycles	16,612	3,779
Average Auto Occupancy (Includes Motorcycles)	1.10	1.14

**I-270 Southbound
Between Md. 109 (Old Hundred Road) and Md. 121 (Clarksburg Road)
Observed person trips per lane by 15 minute interval**



I-270 Southbound between Md. 118 (Germantown Road) and Middlebrook Road
 Non-HOV Lane Total (No A.M. HOV restrictions at this location)
 Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	3	4	3	0	2.00	3.00	0	10	20	2	0	32	0	52	0	12	0	0	
5:15 - 5:30	317	15	2	1	1.09	6.00	2	337	367	2	2	32	82	481	0	341	0	0	
5:30 - 5:45	956	57	2	45	1.52	11.62	4	1,064	1,620	3	1	48	41	1,709	1	1,069	0	0	
5:45 - 6:00	1,243	33	2	41	1.37	11.60	4	1,323	1,812	2	2	32	82	1,926	1	1,328	0	0	
6:00 - 6:15	1,364	46	2	38	1.32	11.55	6	1,456	1,924	4	1	64	41	2,029	3	1,464	0	0	
6:15 - 6:30	1,076	45	2	5	1.09	9.43	4	1,132	1,236	3	2	48	82	1,366	1	1,138	0	0	
6:30 - 6:45	999	55	3	5	1.11	8.63	1	1,063	1,179	5	1	64	41	1,284	0	1,069	0	0	
6:45 - 7:00	902	45	2	1	1.06	6.00	1	951	1,011	5	2	64	82	1,157	0	958	0	0	
7:00 - 7:15	845	34	0	5	1.10	12.00	2	886	975	5	1	80	41	1,096	0	892	0	0	
7:15 - 7:30	874	33	3	4	1.09	8.14	3	917	1,000	4	0	64	0	1,064	1	922	0	0	
7:30 - 7:45	940	45	1	10	1.16	11.18	1	997	1,154	5	2	80	82	1,316	2	1,006	0	0	
7:45 - 8:00	1,008	66	4	9	1.16	9.38	1	1,088	1,263	4	1	64	41	1,368	1	1,095	0	0	
8:00 - 8:15	1,013	68	7	20	1.28	9.78	1	1,109	1,414	4	0	64	0	1,478	0	1,113	0	0	
8:15 - 8:30	1,193	76	5	19	1.23	10.17	3	1,296	1,592	4	1	64	41	1,697	5	1,306	0	0	
8:30 - 8:45	1,050	64	7	15	1.22	9.36	0	1,136	1,384	4	0	48	0	1,432	1	1,141	0	0	
8:45 - 9:00	934	35	2	5	1.10	9.57	1	977	1,072	4	0	32	0	1,104	3	984	0	0	
9:00 - 9:15	813	31	2	6	1.12	10.13	1	853	957	1	0	16	0	973	0	854	0	0	
9:15 - 9:30	863	55	4	0	1.07	3.75	2	924	990	1	0	16	0	1,006	6	931	0	0	
9:30 - 9:45	981	48	3	2	1.07	6.60	1	1,035	1,111	1	0	16	0	1,127	4	1,040	0	0	
9:45 - 10:00	1,021	48	2	6	1.11	9.88	2	1,079	1,198	1	0	16	0	1,214	0	1,080	0	0	

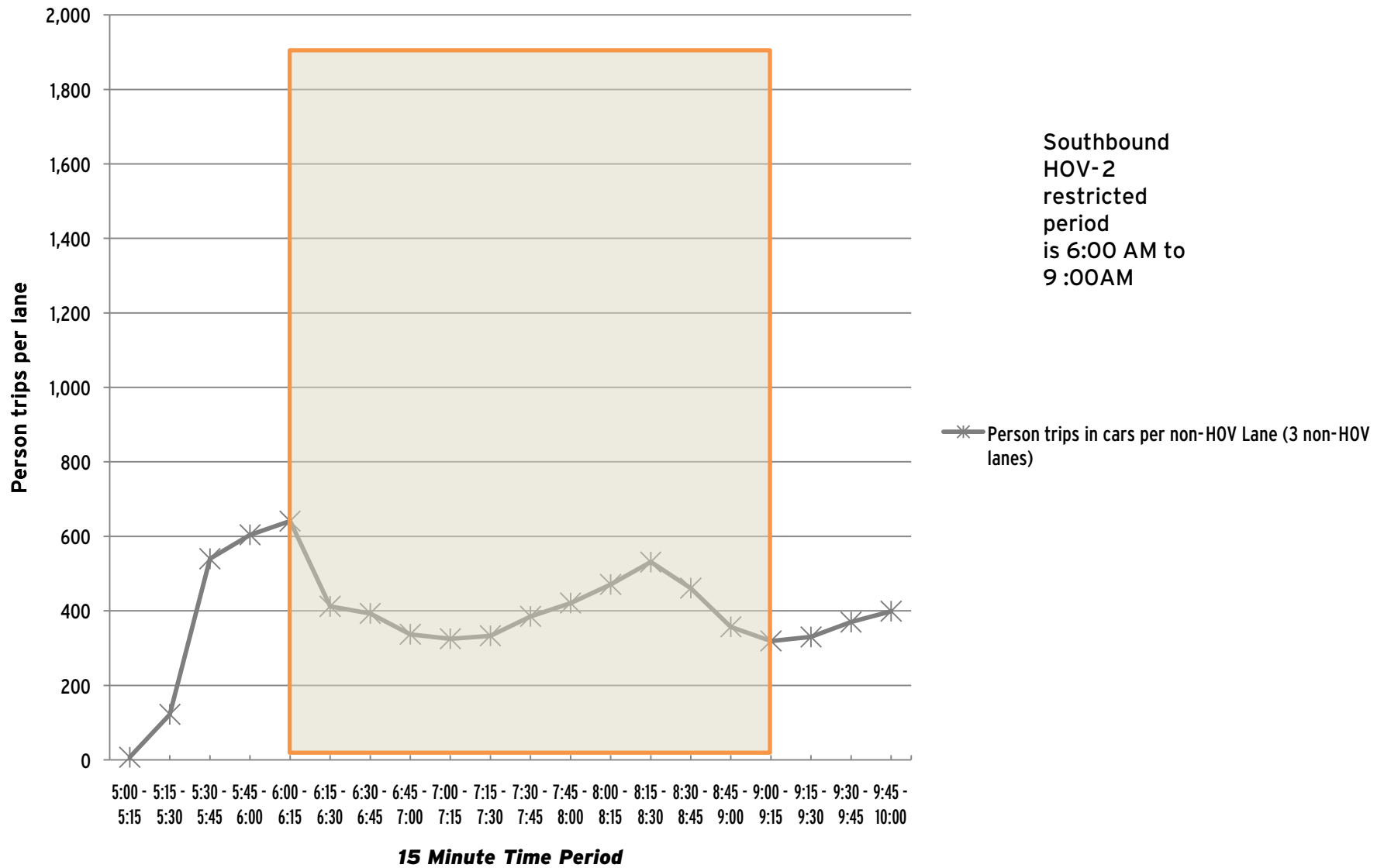
5-Hour Totals

Vehicles	18,395	903	58	237	N/A	N/A	40	19,633	23,279	64	16	944	656	24,879	29	19,743	0	0
Persons	18,395	1,806	194	2,844			40											

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	(5:30 AM - 6:30 AM)	
Highway Passengers	24,879	16,391	7,030
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	23,279	15,204	6,592
Autos and Motorcycles	19,633	13,008	4,975
Average Auto Occupancy (Includes Motorcycles)	1.19	1.17	1.33

**I-270 Southbound
Between Md. 118 (Germantown Road) and Middlebrook Road
Observed person trips per lane by 15 minute interval**



I-270 Southbound between Md. 124 (Quince Orchard Road) and Md. 117 (Clopper Road)

All Lanes Total

Spring 2010 - 2 June 2010

HOV restriction begins about 1 mile south of this location

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ Bus Passengers	Trucks			
5:00 - 5:15	2	2	2	0	2.00	3.00	0	6	12		2	0	32	0	44	0	8	0	0
5:15 - 5:30	881	4	3	18	1.24	11.14	10	916	1,133	3	2	32	82	1,247	1	922	0	0	
5:30 - 5:45	1,399	41	0	42	1.34	12.00	9	1,491	1,994	6	1	57	41	2,092	2	1,500	0	0	
5:45 - 6:00	1,693	66	0	21	1.17	12.00	15	1,795	2,092	4	2	32	82	2,206	5	1,806	0	0	
6:00 - 6:15	1,932	78	1	30	1.20	11.71	14	2,055	2,465	6	1	78	41	2,584	4	2,066	0	0	
6:15 - 6:30	1,945	86	6	4	1.07	6.90	6	2,047	2,192	5	2	58	82	2,332	7	2,061	0	0	
6:30 - 6:45	1,737	91	4	3	1.07	7.29	13	1,848	1,983	6	1	81	41	2,105	3	1,858	0	0	
6:45 - 7:00	1,659	108	6	4	1.09	6.60	9	1,786	1,950	5	2	86	82	2,118	9	1,802	0	0	
7:00 - 7:15	1,701	83	12	1	1.07	3.77	9	1,806	1,925	6	1	99	41	2,065	2	1,815	0	0	
7:15 - 7:30	1,561	90	5	1	1.07	4.83	8	1,665	1,778	6	0	79	0	1,857	8	1,679	0	0	
7:30 - 7:45	1,616	106	9	14	1.16	8.65	7	1,752	2,034	6	2	100	82	2,216	4	1,764	0	0	
7:45 - 8:00	1,752	121	15	18	1.18	8.00	8	1,914	2,266	5	1	77	41	2,384	2	1,922	0	0	
8:00 - 8:15	1,762	101	4	9	1.11	9.31	5	1,881	2,090	4	0	64	0	2,154	5	1,890	0	0	
8:15 - 8:30	1,559	83	4	6	1.10	8.60	7	1,659	1,818	6	1	83	41	1,942	2	1,668	0	0	
8:30 - 8:45	1,584	101	6	7	1.11	7.92	9	1,707	1,898	3	0	48	0	1,946	5	1,715	0	0	
8:45 - 9:00	1,794	80	5	2	1.06	6.14	2	1,883	1,999	2	0	32	0	2,031	3	1,888	0	0	
9:00 - 9:15	1,914	67	6	2	1.05	5.38	4	1,993	2,095	2	0	16	0	2,111	7	2,003	0	0	
9:15 - 9:30	1,833	57	1	3	1.05	9.75	6	1,900	1,992	1	0	16	0	2,008	4	1,905	0	0	
9:30 - 9:45	1,514	59	3	5	1.08	8.63	6	1,587	1,707	2	0	16	0	1,723	13	1,602	0	0	
9:45 - 10:00	1,445	80	5	8	1.12	8.62	2	1,540	1,719	3	0	16	0	1,735	3	1,546	0	0	

5-Hour Totals

Vehicles	31,283	1,504	97	198	N/A	N/A	149	33,231	37,142	83	16	1,102	656	38,900	89	33,420	0	0
Persons	31,283	3,008	326	2,376			149											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (5:45 AM - 6:45 AM)
Highway Passengers	38,900	25,734
Rail Passengers	0	0
Auto and Motorcycle Passengers	37,142	24,398
Autos and Motorcycles	33,231	22,003
Average Auto Occupancy (Includes Motorcycles)	1.12	1.11

I-270 Southbound between Md. 124 (Quince Orchard Road) and Md. 117 (Clopper Road)

HOV Lane Total

Spring 2010 - 2 June 2010

A.M. HOV restriction begins about 1 mile south of this location

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6		2	0	32	0	38	0	5	0	0	
5:15 - 5:30	113	2	0	3	1.28	12.00	6	124	159		2	2	32	82	273	0	128	0	0	
5:30 - 5:45	337	16	0	14	1.46	12.00	2	369	539		4	1	57	41	637	2	376	0	0	
5:45 - 6:00	430	36	0	6	1.21	12.00	5	477	579		2	2	32	82	693	0	481	0	0	
6:00 - 6:15	406	60	0	10	1.35	12.00	8	484	654		5	1	78	41	773	0	490	0	0	
6:15 - 6:30	333	48	3	4	1.26	8.43	3	391	491		4	2	58	82	631	2	399	0	0	
6:30 - 6:45	323	36	2	0	1.11	4.00	5	366	408		5	1	81	41	530	2	374	0	0	
6:45 - 7:00	277	58	3	0	1.19	3.00	6	344	408		5	2	86	82	576	4	355	0	0	
7:00 - 7:15	293	43	3	1	1.17	5.25	4	344	404		6	1	99	41	544	2	353	0	0	
7:15 - 7:30	289	45	2	0	1.15	3.50	6	342	392		5	0	79	0	471	4	351	0	0	
7:30 - 7:45	322	60	1	2	1.22	9.00	5	390	474		6	2	100	82	656	1	399	0	0	
7:45 - 8:00	273	64	6	2	1.28	5.25	3	348	446		5	1	77	41	564	2	356	0	0	
8:00 - 8:15	285	47	1	0	1.15	3.00	4	337	386		4	0	64	0	450	1	342	0	0	
8:15 - 8:30	275	42	0	1	1.16	12.00	7	325	378		6	1	83	41	502	0	332	0	0	
8:30 - 8:45	262	49	1	0	1.16	3.00	3	315	366		3	0	48	0	414	2	320	0	0	
8:45 - 9:00	255	39	1	0	1.14	3.00	2	297	338		2	0	32	0	370	1	300	0	0	
9:00 - 9:15	301	33	1	0	1.10	3.00	3	338	373		1	0	16	0	389	5	344	0	0	
9:15 - 9:30	273	25	0	0	1.08	0.00	2	300	325		1	0	16	0	341	0	301	0	0	
9:30 - 9:45	226	29	0	0	1.11	0.00	3	258	287		1	0	16	0	303	6	265	0	0	
9:45 - 10:00	279	26	2	1	1.14	6.33	2	310	352		1	0	16	0	368	2	313	0	0	

5-Hour Totals

Vehicles	5,553	759	27	44	N/A	N/A	79	6,462	7,765	70	16	1,102	656	9,523	36	6,584	0	0
Persons	5,553	1,518	87	528			79											

HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (5:45AM - 6:45 AM)
Highway Passengers	9,523	6,481
Rail Passengers	0	0
Auto and Motorcycle Passengers	7,765	5,145
Autos and Motorcycles	6,462	4,283
Average Auto Occupancy (Includes Motorcycles)	1.20	1.24

I-270 Southbound between Md. 124 (Quince Orchard Road) and Md. 117 (Clopper Road)

Non-HOV Lane Total

Spring 2010 - 2 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0		
5:15 - 5:30	768	2	3	15	1.23	11.00	4	792	974	1	0	0	0	974	1	794	0	0		
5:30 - 5:45	1,062	25	0	28	1.30	12.00	7	1,122	1,455	2	0	0	0	1,455	0	1,124	0	0		
5:45 - 6:00	1,263	30	0	15	1.15	12.00	10	1,318	1,513	2	0	0	0	1,513	5	1,325	0	0		
6:00 - 6:15	1,526	18	1	20	1.15	11.57	6	1,571	1,811	1	0	0	0	1,811	4	1,576	0	0		
6:15 - 6:30	1,612	38	3	0	1.03	3.33	3	1,656	1,701	1	0	0	0	1,701	5	1,662	0	0		
6:30 - 6:45	1,414	55	2	3	1.06	8.60	8	1,482	1,575	1	0	0	0	1,575	1	1,484	0	0		
6:45 - 7:00	1,382	50	3	4	1.07	8.14	3	1,442	1,542	0	0	0	0	1,542	5	1,447	0	0		
7:00 - 7:15	1,408	40	9	0	1.04	3.11	5	1,462	1,521	0	0	0	0	1,521	0	1,462	0	0		
7:15 - 7:30	1,272	45	3	1	1.05	5.50	2	1,323	1,386	1	0	0	0	1,386	4	1,328	0	0		
7:30 - 7:45	1,294	46	8	12	1.15	8.60	2	1,362	1,560	0	0	0	0	1,560	3	1,365	0	0		
7:45 - 8:00	1,479	57	9	16	1.16	8.88	5	1,566	1,820	0	0	0	0	1,820	0	1,566	0	0		
8:00 - 8:15	1,477	54	3	9	1.10	9.83	1	1,544	1,704	0	0	0	0	1,704	4	1,548	0	0		
8:15 - 8:30	1,284	41	4	5	1.08	8.22	0	1,334	1,440	0	0	0	0	1,440	2	1,336	0	0		
8:30 - 8:45	1,322	52	5	7	1.10	8.33	6	1,392	1,532	0	0	0	0	1,532	3	1,395	0	0		
8:45 - 9:00	1,539	41	4	2	1.05	6.67	0	1,586	1,661	0	0	0	0	1,661	2	1,588	0	0		
9:00 - 9:15	1,613	34	5	2	1.04	5.71	1	1,655	1,722	1	0	0	0	1,722	2	1,659	0	0		
9:15 - 9:30	1,560	32	1	3	1.04	9.75	4	1,600	1,667	0	0	0	0	1,667	4	1,604	0	0		
9:30 - 9:45	1,288	30	3	5	1.07	8.63	3	1,329	1,420	1	0	0	0	1,420	7	1,337	0	0		
9:45 - 10:00	1,166	54	3	7	1.11	9.30	0	1,230	1,367	2	0	0	0	1,367	1	1,233	0	0		

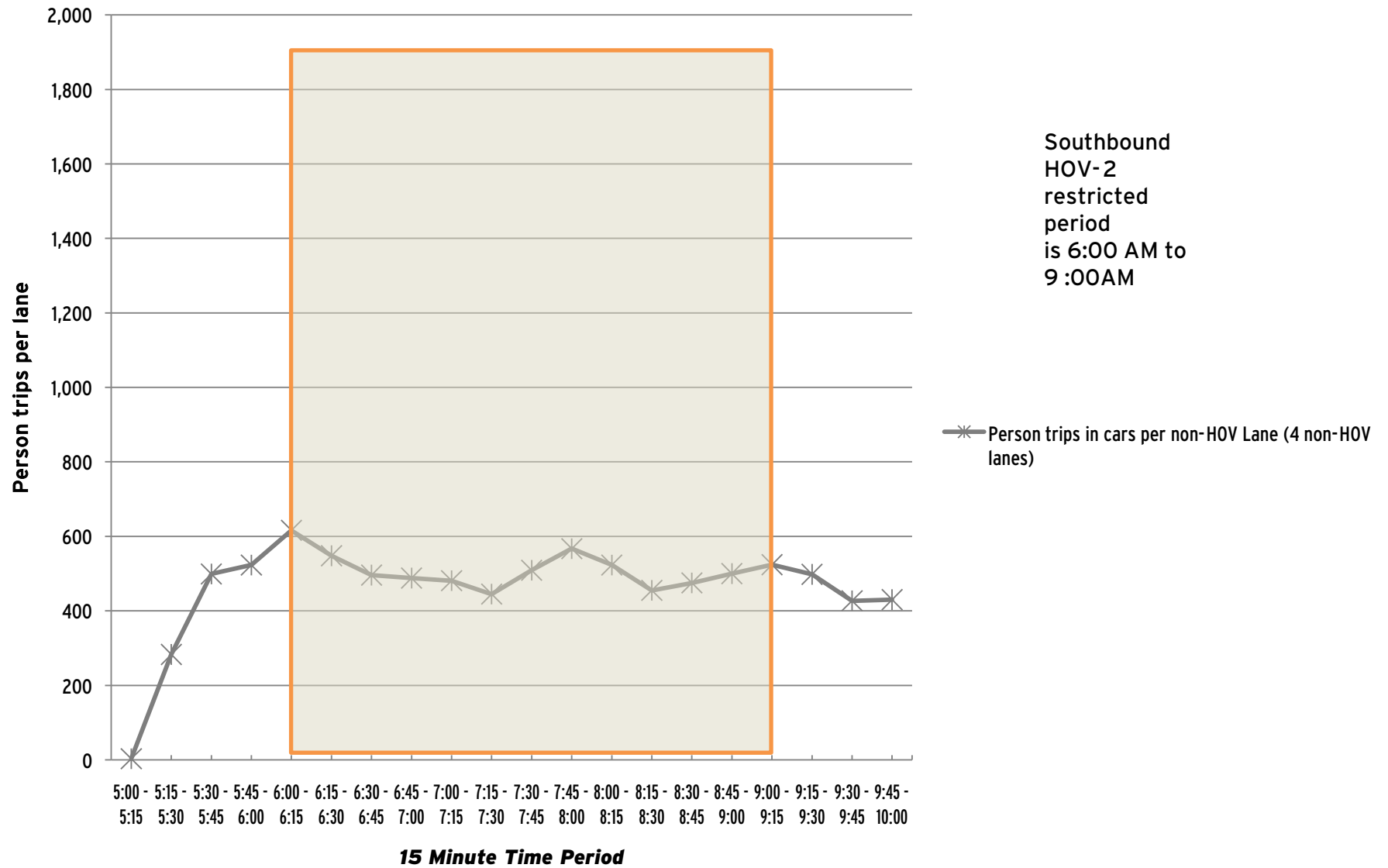
5-Hour Totals

Vehicles	25,730	745	70	154	N/A	N/A	70	26,769	29,377	13	0	0	0	29,377	53	26,836	0	0
Persons	25,730	1,490	239	1,848			70											

HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (5:45AM - 6:45 AM)
Highway Passengers	29,377	19,253
Rail Passengers	0	0
Auto and Motorcycle Passengers	29,377	19,253
Autos and Motorcycles	26,769	17,720
Average Auto Occupancy (Includes Motorcycles)	1.10	1.09

**I-270 Southbound
Between Md. 124 (Quince Orchard Road) and Md. 117 (Clopper Road)
Observed person trips per lane by 15 minute interval**



I-270 Southbound Between I-370 and Shady Grove Road

All Lanes Total

Spring 2010 - 26 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers					
5:00 - 5:15	1	2	1	0	1.67	3.00	2	6	10	0	0	0	0	10	0	6	0	0	
5:15 - 5:30	201	18	0	1	1.13	12.00	3	223	252	1	1	16	0	268	0	225	0	0	
5:30 - 5:45	1,064	21	0	10	1.12	12.00	6	1,101	1,232	2	1	25	0	1,257	18	1,122	0	0	
5:45 - 6:00	1,362	20	2	6	1.06	9.88	12	1,402	1,493	2	1	16	0	1,509	23	1,428	907	0	
6:00 - 6:15	1,611	17	0	6	1.05	12.00	9	1,643	1,726	4	0	46	0	1,772	28	1,675	0	0	
6:15 - 6:30	1,221	152	2	3	1.14	9.00	8	1,386	1,578	4	0	42	0	1,620	19	1,409	0	0	
6:30 - 6:45	1,018	245	4	1	1.21	4.80	14	1,282	1,546	2	1	33	41	1,620	15	1,300	0	0	
6:45 - 7:00	1,049	285	0	5	1.25	12.00	12	1,351	1,691	3	2	38	82	1,811	25	1,381	2,303	0	
7:00 - 7:15	956	267	3	1	1.23	5.50	12	1,239	1,524	3	1	51	41	1,616	13	1,256	0	0	
7:15 - 7:30	878	201	5	2	1.22	6.00	6	1,092	1,328	2	2	31	82	1,441	13	1,109	1,802	0	
7:30 - 7:45	1,203	61	3	3	1.08	7.50	8	1,278	1,378	3	1	52	41	1,471	13	1,295	0	0	
7:45 - 8:00	1,357	64	0	5	1.08	12.00	6	1,432	1,551	2	2	29	82	1,662	15	1,451	1,868	0	
8:00 - 8:15	1,282	56	3	3	1.07	7.67	6	1,350	1,446	1	1	16	41	1,503	29	1,381	0	0	
8:15 - 8:30	1,378	56	2	3	1.07	8.60	6	1,445	1,539	3	0	35	0	1,574	27	1,475	1,749	0	
8:30 - 8:45	1,385	105	4	1	1.09	5.60	3	1,498	1,626	1	1	16	0	1,642	30	1,530	0	0	
8:45 - 9:00	1,046	184	2	2	1.17	7.50	9	1,243	1,453	1	0	16	0	1,469	43	1,287	1,070	0	
9:00 - 9:15	1,104	85	1	3	1.10	9.75	7	1,200	1,320	0	0	0	0	1,320	33	1,233	0	0	
9:15 - 9:30	1,117	66	1	2	1.08	9.33	5	1,191	1,282	0	0	0	0	1,282	32	1,223	0	0	
9:30 - 9:45	945	49	2	0	1.05	3.00	4	1,000	1,053	0	0	0	0	1,053	21	1,021	0	0	
9:45 - 10:00	744	42	2	0	1.06	3.00	5	793	839	0	0	0	0	839	20	813	0	0	

5-Hour Totals

Vehicles	20,922	1,996	37	57	N/A	N/A	143	23,155	25,867	34	14	462	410	26,739	417	23,620	9,699	0
Persons	20,922	3,992	126	684			143											

I-270 HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:45 AM - 8:45 AM)	
Highway Passengers	26,739	19,201	6,381
Rail Passengers	9,699	8,792	3,617
Auto and Motorcycle Passengers	25,867	18,386	6,162
Autos and Motorcycles	23,155	16,239	5,725
Average Auto Occupancy (Includes Motorcycles)	1.12	1.13	1.08

I-270 Southbound Between I-370 and Shady Grove Road
 HOV Lane Total
 Spring 2010 - 26 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers						
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0		
5:15 - 5:30	97	0	0	1	1.11	12.00	3	101	112	1	0	16	0	128	0	102	0	0		
5:30 - 5:45	350	3	0	3	1.10	12.00	4	360	396	2	0	25	0	421	1	363	0	0		
5:45 - 6:00	366	2	0	5	1.15	12.00	7	380	437	1	0	16	0	453	1	382	0	0		
6:00 - 6:15	313	2	0	5	1.17	12.00	9	329	386	3	0	46	0	432	1	333	0	0		
6:15 - 6:30	109	139	1	2	1.64	9.67	5	256	421	3	0	42	0	463	4	263	0	0		
6:30 - 6:45	42	239	2	1	1.86	6.00	13	297	551	2	1	33	41	625	1	301	0	0		
6:45 - 7:00	55	273	0	4	1.92	12.00	11	343	660	2	2	38	82	780	1	348	0	0		
7:00 - 7:15	48	254	2	1	1.85	6.33	12	317	587	3	1	51	41	679	0	321	0	0		
7:15 - 7:30	77	188	5	1	1.77	5.00	5	276	488	2	2	31	82	601	1	281	0	0		
7:30 - 7:45	179	40	1	3	1.32	9.75	8	231	306	3	1	52	41	399	6	241	0	0		
7:45 - 8:00	227	42	0	3	1.27	12.00	6	278	353	2	2	29	82	464	4	286	0	0		
8:00 - 8:15	233	11	0	2	1.13	12.00	6	252	285	1	1	16	41	342	9	263	0	0		
8:15 - 8:30	217	28	0	3	1.24	12.00	6	254	315	3	0	35	0	350	8	265	0	0		
8:30 - 8:45	162	70	1	1	1.35	7.50	3	237	320	1	0	16	0	336	7	245	0	0		
8:45 - 9:00	120	156	2	2	1.64	7.50	6	286	468	1	0	16	0	484	8	295	0	0		
9:00 - 9:15	290	57	0	2	1.22	12.00	4	353	432	0	0	0	0	432	10	363	0	0		
9:15 - 9:30	332	38	0	1	1.13	12.00	2	373	422	0	0	0	0	422	0	373	0	0		
9:30 - 9:45	304	25	0	0	1.08	0.00	4	333	358	0	0	0	0	358	1	334	0	0		
9:45 - 10:00	234	26	0	0	1.10	0.00	3	263	289	0	0	0	0	289	0	263	0	0		

5-Hour Totals

Vehicles	3,756	1,594	15	40	N/A	N/A	117	5,522	7,592	30	10	462	410	8,464	63	5,625	0	0
Persons	3,756	3,188	51	480			117											

I-270 HOV Restricted

	5 Hours		Peak Hour
	Period (6:00 AM - 9:00 AM)	Period (7:45 AM - 8:45 AM)	Period (7:45 AM - 8:45 AM)
Highway Passengers	8,464	5,955	1,492
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	7,592	5,140	1,273
Autos and Motorcycles	5,522	3,356	1,021
Average Auto Occupancy (Includes Motorcycles)	1.37	1.53	1.25

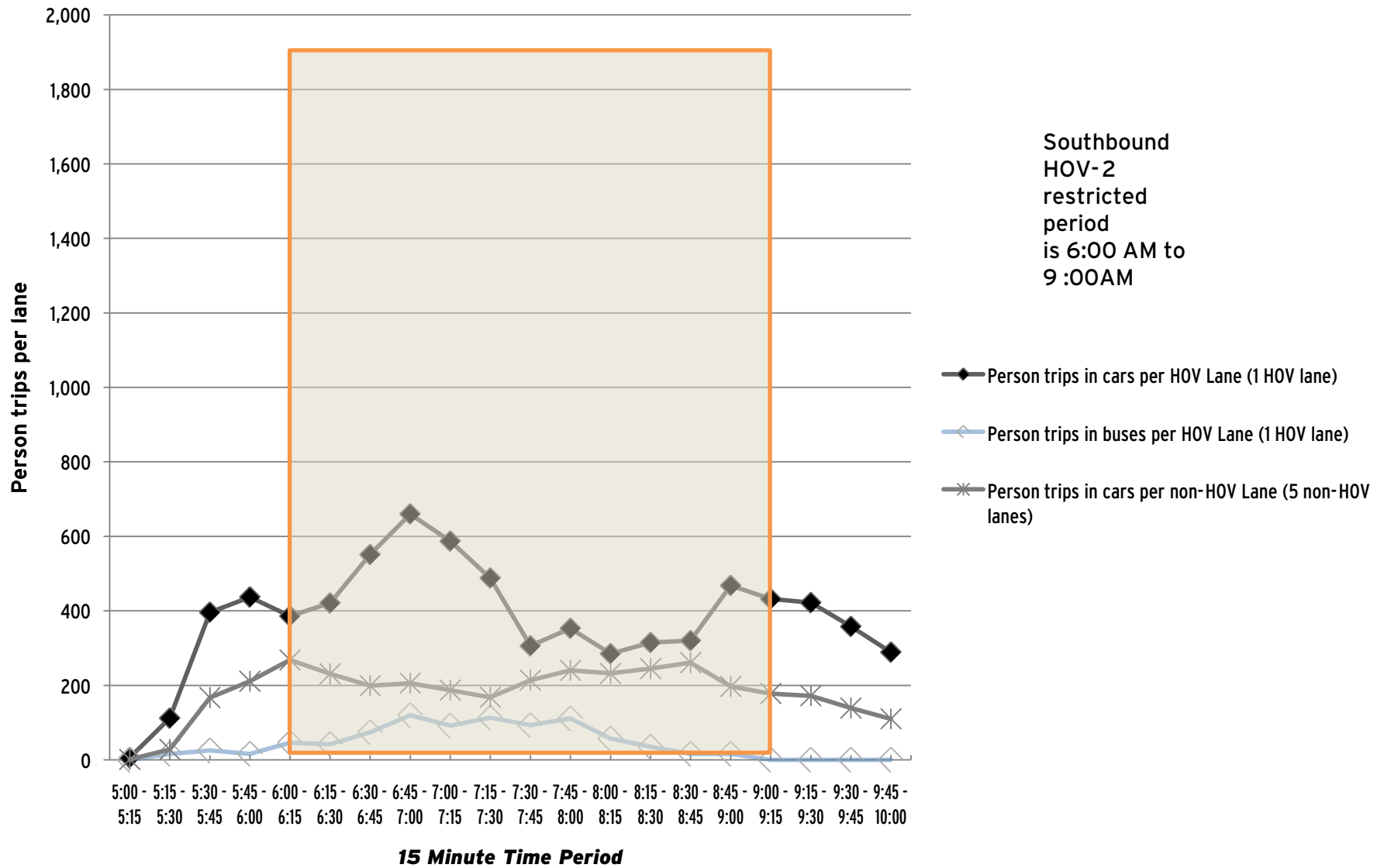
I-270 Southbound Between I-370 and Shady Grove Road
 Non-HOV Lane Total
 Spring 2010 - 26 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	+Bus Passengers			
5:00 - 5:15	0	1	0	0	1.33	0.00	2	3	4	0	0	0	0	0	4	0	3	0	0
5:15 - 5:30	104	18	0	0	1.15	0.00	0	122	140	0	1	0	0	0	140	0	123	0	0
5:30 - 5:45	714	18	0	7	1.13	12.00	2	741	836	0	1	0	0	0	836	17	759	0	0
5:45 - 6:00	996	18	2	1	1.03	6.33	5	1,022	1,056	1	1	0	0	0	1,056	22	1,046	0	0
6:00 - 6:15	1,298	15	0	1	1.02	12.00	0	1,314	1,340	1	0	0	0	0	1,340	27	1,342	0	0
6:15 - 6:30	1,112	13	1	1	1.02	8.00	3	1,130	1,157	1	0	0	0	0	1,157	15	1,146	0	0
6:30 - 6:45	976	6	2	0	1.01	3.00	1	985	995	0	0	0	0	0	995	14	999	0	0
6:45 - 7:00	994	12	0	1	1.02	12.00	1	1,008	1,031	1	0	0	0	0	1,031	24	1,033	0	0
7:00 - 7:15	908	13	1	0	1.02	3.00	0	922	937	0	0	0	0	0	937	13	935	0	0
7:15 - 7:30	801	13	0	1	1.03	12.00	1	816	840	0	0	0	0	0	840	12	828	0	0
7:30 - 7:45	1,024	21	2	0	1.02	3.00	0	1,047	1,072	0	0	0	0	0	1,072	7	1,054	0	0
7:45 - 8:00	1,130	22	0	2	1.04	12.00	0	1,154	1,198	0	0	0	0	0	1,198	11	1,165	0	0
8:00 - 8:15	1,049	45	3	1	1.06	5.50	0	1,098	1,161	0	0	0	0	0	1,161	20	1,118	0	0
8:15 - 8:30	1,161	28	2	0	1.03	3.50	0	1,191	1,224	0	0	0	0	0	1,224	19	1,210	0	0
8:30 - 8:45	1,223	35	3	0	1.04	4.33	0	1,261	1,306	0	1	0	0	0	1,306	23	1,285	0	0
8:45 - 9:00	926	28	0	0	1.03	0.00	3	957	985	0	0	0	0	0	985	35	992	0	0
9:00 - 9:15	814	28	1	1	1.05	7.50	3	847	888	0	0	0	0	0	888	23	870	0	0
9:15 - 9:30	785	28	1	1	1.05	8.00	3	818	860	0	0	0	0	0	860	32	850	0	0
9:30 - 9:45	641	24	2	0	1.04	3.00	0	667	695	0	0	0	0	0	695	20	687	0	0
9:45 - 10:00	510	16	2	0	1.04	3.00	2	530	550	0	0	0	0	0	550	20	550	0	0

5-Hour Totals																			
Vehicles	17,166	402	22	17	N/A	N/A	26	17,633	18,275	4	4	0	0	18,275	354	17,995	0	0	
Persons	17,166	804	75	204			26												

	I-270 HOV Restricted		
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:45 AM - 8:45 AM)	
Highway Passengers	18,275	13,246	4,889
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	18,275	13,246	4,889
Autos and Motorcycles	17,633	12,883	4,704
Average Auto Occupancy (Includes Motorcycles)	1.04	1.03	1.04

I-270 Southbound Between I-370 and Shady Grove Road Observed person trips per lane by 15 minute interval



I-270 Southbound between Md. 189 (Falls Rd) and Montrose Road

All Lanes Total

Spring 2010 - 27 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
5:00 - 5:15	426	1	1	0	1.01	3.00	0	428	431	0	0	0	0	431	0	428	0	0	
5:15 - 5:30	1,235	25	2	8	1.09	10.40	10	1,280	1,399	3	0	16	0	1,415	1	1,285	0	0	
5:30 - 5:45	1,717	69	1	29	1.21	11.70	10	1,826	2,216	5	0	25	0	2,241	2	1,833	0	0	
5:45 - 6:00	1,797	109	1	23	1.19	11.63	9	1,939	2,303	1	0	16	0	2,319	3	1,943	0	0	
6:00 - 6:15	1,778	233	2	18	1.21	11.10	9	2,040	2,475	5	0	46	0	2,521	1	2,046	0	0	
6:15 - 6:30	1,962	325	2	15	1.21	10.94	13	2,317	2,811	3	0	42	0	2,853	2	2,322	0	0	
6:30 - 6:45	2,027	374	3	9	1.20	9.92	12	2,425	2,906	2	1	33	41	2,980	11	2,439	0	0	
6:45 - 7:00	1,905	349	8	9	1.21	8.00	8	2,279	2,747	3	2	38	82	2,867	15	2,299	0	0	
7:00 - 7:15	1,872	293	8	9	1.19	7.82	8	2,190	2,599	3	1	51	41	2,691	7	2,201	0	0	
7:15 - 7:30	1,924	339	8	16	1.23	9.13	5	2,292	2,826	2	2	31	82	2,939	11	2,307	0	0	
7:30 - 7:45	1,933	194	20	12	1.17	6.56	1	2,160	2,532	3	1	52	41	2,625	3	2,167	0	0	
7:45 - 8:00	1,766	295	23	18	1.26	7.17	4	2,106	2,654	6	2	29	82	2,765	7	2,121	0	0	
8:00 - 8:15	1,687	325	4	8	1.21	9.33	6	2,030	2,455	6	2	16	41	2,512	2	2,040	0	0	
8:15 - 8:30	1,711	334	10	2	1.18	4.58	10	2,067	2,444	4	0	35	0	2,479	8	2,079	0	0	
8:30 - 8:45	1,604	255	10	6	1.18	6.50	6	1,881	2,224	1	0	16	0	2,240	4	1,886	0	0	
8:45 - 9:00	1,633	233	4	4	1.15	7.75	3	1,877	2,164	1	0	16	0	2,180	9	1,887	0	0	
9:00 - 9:15	1,884	187	9	11	1.16	7.95	5	2,096	2,422	0	0	0	0	2,422	10	2,106	0	0	
9:15 - 9:30	1,937	190	10	13	1.16	8.13	10	2,160	2,514	0	0	0	0	2,514	20	2,180	0	0	
9:30 - 9:45	1,577	196	10	14	1.21	8.33	3	1,800	2,172	0	0	0	0	2,172	13	1,813	0	0	
9:45 - 10:00	1,579	164	9	10	1.17	7.95	4	1,766	2,062	0	0	0	0	2,062	16	1,782	0	0	

5-Hour Totals

Vehicles	33,954	4,490	145	234	N/A	N/A	136	38,959	46,356	48	11	462	410	47,228	145	39,164	0	0
Persons	33,954	8,980	478	2,808			136											

I-270 HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	(6:15 AM - 7:15AM)	
Highway Passengers	47,228	31,652	11,391
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	46,356	30,837	11,063
Autos and Motorcycles	38,959	25,664	9,211
Average Auto Occupancy (Includes Motorcycles)	1.19	1.20	1.20

I-270 Southbound between Md. 189 (Falls Rd) and Montrose Road

HOV Lane Total

Spring 2010 - 27 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	1	0	1	0	2.00	3.00	0	2	4	0	0	0	0	4	0	2	0	0		
5:15 - 5:30	250	8	0	3	1.15	12.00	4	265	306	1	0	16	0	322	0	266	0	0		
5:30 - 5:45	414	41	0	8	1.28	12.00	5	468	597	2	0	25	0	622	0	470	0	0		
5:45 - 6:00	432	60	0	12	1.38	12.00	5	509	701	1	0	16	0	717	0	510	0	0		
6:00 - 6:15	130	162	1	11	1.92	11.25	5	309	594	3	0	46	0	640	0	312	0	0		
6:15 - 6:30	48	270	0	13	2.21	12.00	9	340	753	3	0	42	0	795	1	344	0	0		
6:30 - 6:45	26	300	1	8	2.13	11.00	10	345	735	2	1	33	41	809	5	353	0	0		
6:45 - 7:00	43	307	4	6	2.05	8.60	5	365	748	2	2	38	82	868	2	371	0	0		
7:00 - 7:15	28	233	6	1	1.94	4.43	5	273	530	3	1	51	41	622	4	281	0	0		
7:15 - 7:30	17	247	3	2	2.01	7.00	4	273	550	2	2	31	82	663	2	279	0	0		
7:30 - 7:45	91	111	11	2	1.74	4.69	0	215	374	3	1	52	41	467	2	221	0	0		
7:45 - 8:00	76	162	9	4	1.89	6.00	4	255	482	2	2	29	82	593	2	261	0	0		
8:00 - 8:15	26	260	0	2	1.96	12.00	5	293	575	1	1	16	41	632	0	295	0	0		
8:15 - 8:30	34	261	1	1	1.90	7.50	8	305	579	3	0	35	0	614	2	310	0	0		
8:30 - 8:45	27	176	2	1	1.90	6.00	6	212	403	1	0	16	0	419	3	216	0	0		
8:45 - 9:00	41	174	0	1	1.84	12.00	3	219	404	1	0	16	0	420	7	227	0	0		
9:00 - 9:15	200	78	1	0	1.28	3.00	3	282	362	0	0	0	0	362	10	292	0	0		
9:15 - 9:30	297	59	3	0	1.18	3.33	5	364	430	0	0	0	0	430	3	367	0	0		
9:30 - 9:45	192	52	0	0	1.21	0.00	1	245	297	0	0	0	0	297	7	252	0	0		
9:45 - 10:00	309	63	5	0	1.20	3.40	3	380	455	0	0	0	0	455	7	387	0	0		

5-Hour Totals

Vehicles	2,682	3,024	48	75	N/A	N/A	90	5,919	9,879	30	10	462	410	10,751	57	6,016	0	0
Persons	2,682	6,048	159	900			90											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (6:15 AM - 7:15AM)
Highway Passengers	10,751	7,542
Rail Passengers	0	0
Auto and Motorcycle Passengers	9,879	6,727
Autos and Motorcycles	5,919	3,404
Average Auto Occupancy (Includes Motorcycles)	1.67	2.09

I-270 Southbound between Md. 189 (Falls Rd) and Montrose Road
 Non-HOV Lane Total
 Spring 2010 - 27 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit	Other				
5:00 - 5:15	425	1	0	0	1.00	0.00	0	426	427	0	0	0	0	427	0	426	0	0		
5:15 - 5:30	985	17	2	5	1.08	9.71	6	1,015	1,093	2	0	0	0	1,093	1	1,019	0	0		
5:30 - 5:45	1,303	28	1	21	1.19	11.59	5	1,358	1,619	3	0	0	0	1,619	2	1,363	0	0		
5:45 - 6:00	1,365	49	1	11	1.12	11.25	4	1,430	1,602	0	0	0	0	1,602	3	1,433	0	0		
6:00 - 6:15	1,648	71	1	7	1.09	10.88	4	1,731	1,881	2	0	0	0	1,881	1	1,734	0	0		
6:15 - 6:30	1,914	55	2	2	1.04	7.50	4	1,977	2,058	0	0	0	0	2,058	1	1,978	0	0		
6:30 - 6:45	2,001	74	2	1	1.04	6.67	2	2,080	2,171	0	0	0	0	2,171	6	2,086	0	0		
6:45 - 7:00	1,862	42	4	3	1.04	7.14	3	1,914	1,999	1	0	0	0	1,999	13	1,928	0	0		
7:00 - 7:15	1,844	60	2	8	1.08	10.20	3	1,917	2,069	0	0	0	0	2,069	3	1,920	0	0		
7:15 - 7:30	1,907	92	5	14	1.13	9.68	1	2,019	2,276	0	0	0	0	2,276	9	2,028	0	0		
7:30 - 7:45	1,842	83	9	10	1.11	7.84	1	1,945	2,158	0	0	0	0	2,158	1	1,946	0	0		
7:45 - 8:00	1,690	133	14	14	1.17	7.71	0	1,851	2,172	4	0	0	0	2,172	5	1,860	0	0		
8:00 - 8:15	1,661	65	4	6	1.08	8.80	1	1,737	1,880	5	1	0	0	1,880	2	1,745	0	0		
8:15 - 8:30	1,677	73	9	1	1.06	4.00	2	1,762	1,865	1	0	0	0	1,865	6	1,769	0	0		
8:30 - 8:45	1,577	79	8	5	1.09	6.62	0	1,669	1,821	0	0	0	0	1,821	1	1,670	0	0		
8:45 - 9:00	1,592	59	4	3	1.06	7.14	0	1,658	1,760	0	0	0	0	1,760	2	1,660	0	0		
9:00 - 9:15	1,684	109	8	11	1.14	8.21	2	1,814	2,060	0	0	0	0	2,060	0	1,814	0	0		
9:15 - 9:30	1,640	131	7	13	1.16	8.85	5	1,796	2,084	0	0	0	0	2,084	17	1,813	0	0		
9:30 - 9:45	1,385	144	10	14	1.21	8.33	2	1,555	1,875	0	0	0	0	1,875	6	1,561	0	0		
9:45 - 10:00	1,270	101	4	10	1.16	9.57	1	1,386	1,607	0	0	0	0	1,607	9	1,395	0	0		

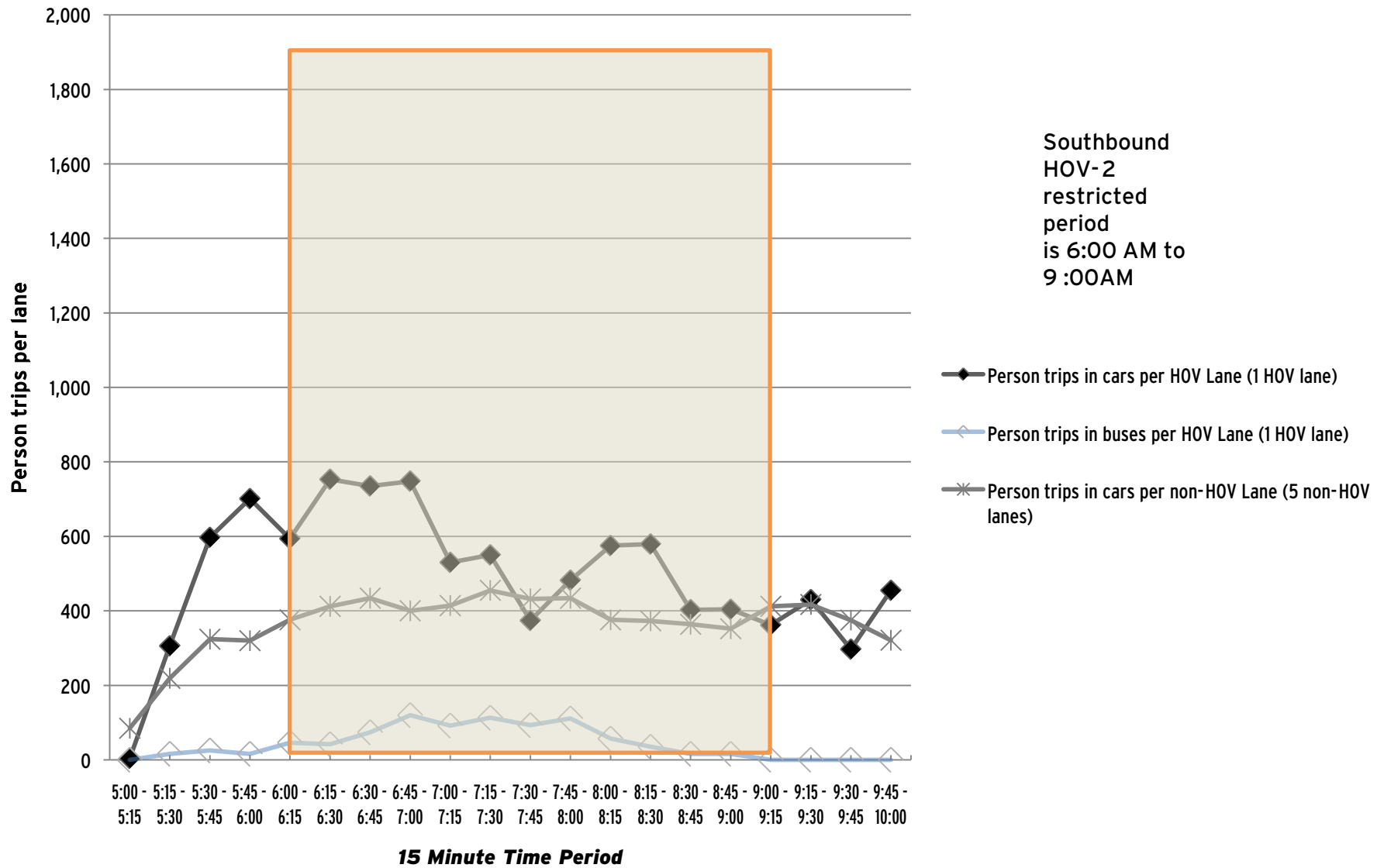
5-Hour Totals

Vehicles	31,272	1,466	97	159	N/A	N/A	46	33,040	36,477	18	1	0	0	36,477	88	33,148	0	0
Persons	31,272	2,932	319	1,908			46											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (6:15 AM - 7:15AM)
Highway Passengers	36,477	24,110
Rail Passengers	0	0
Auto and Motorcycle Passengers	36,477	24,110
Autos and Motorcycles	33,040	22,260
Average Auto Occupancy (Includes Motorcycles)	1.10	1.08

I-270 Southbound Between Md. 189 (Falls Road) and Montrose Road Observed person trips per lane by 15 minute interval



I-270 South between Montrose Road and the "Split" (max load point)

All Lanes Total

Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total		Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit	Other		Vehicles	Comm.		
5:00 - 5:15	28	5	3	1	1.56	5.25	2	39	61	0	0	0	0	61	0	39	0	0	0	0	
5:15 - 5:30	792	2	4	1	1.03	5.60	6	805	830	3	0	16	0	846	1	811	0	0	0	0	
5:30 - 5:45	1,482	73	0	3	1.07	12.00	4	1,562	1,668	2	0	25	0	1,693	9	1,574	0	0	0	0	
5:45 - 6:00	1,820	100	3	4	1.08	8.14	9	1,936	2,086	2	0	16	0	2,102	8	1,946	1,140	0	0	0	
6:00 - 6:15	1,888	84	2	2	1.06	7.50	5	1,981	2,091	4	1	46	0	2,137	3	1,989	0	0	0	0	
6:15 - 6:30	1,944	125	9	7	1.11	6.94	10	2,095	2,315	5	0	42	0	2,357	9	2,109	0	0	0	0	
6:30 - 6:45	1,907	225	5	12	1.17	9.35	10	2,159	2,526	3	1	33	41	2,600	6	2,169	0	0	0	0	
6:45 - 7:00	2,496	379	5	11	1.18	9.19	6	2,897	3,407	4	2	38	82	3,527	18	2,921	2,945	0	0	0	
7:00 - 7:15	2,505	424	10	9	1.18	7.26	9	2,957	3,500	3	1	51	41	3,592	11	2,972	0	0	0	0	
7:15 - 7:30	2,487	460	5	11	1.20	9.25	10	2,973	3,565	2	2	31	82	3,678	8	2,985	2,560	0	0	0	
7:30 - 7:45	2,661	332	2	5	1.13	9.43	11	3,011	3,402	4	2	52	41	3,495	8	3,025	0	0	0	0	
7:45 - 8:00	2,417	435	3	4	1.17	8.29	9	2,868	3,354	3	2	29	82	3,465	6	2,879	2,699	0	0	0	
8:00 - 8:15	1,751	305	8	1	1.16	4.00	11	2,076	2,408	2	1	16	41	2,465	16	2,096	0	0	0	0	
8:15 - 8:30	2,273	405	1	1	1.16	7.50	10	2,690	3,108	4	0	35	0	3,143	15	2,709	2,852	0	0	0	
8:30 - 8:45	2,350	358	3	2	1.14	6.60	4	2,717	3,103	6	0	16	0	3,119	13	2,736	0	0	0	0	
8:45 - 9:00	2,317	291	7	16	1.18	9.26	6	2,637	3,118	2	0	16	0	3,134	18	2,657	1,918	0	0	0	
9:00 - 9:15	2,409	364	9	6	1.16	6.60	7	2,795	3,243	0	0	0	0	3,243	15	2,810	0	0	0	0	
9:15 - 9:30	2,255	467	2	9	1.21	10.45	8	2,741	3,312	2	0	0	0	3,312	24	2,767	0	0	0	0	
9:30 - 9:45	2,075	525	4	6	1.23	8.50	6	2,616	3,216	0	0	0	0	3,216	18	2,634	0	0	0	0	
9:45 - 10:00	1,624	313	5	1	1.17	4.50	3	1,946	2,280	0	0	0	0	2,280	5	1,951	0	0	0	0	

5-Hour Totals

Vehicles	39,481	5,672	90	112	N/A	N/A	146	45,501	52,593	51	12	462	410	53,465	211	45,779	14,114	0	0
Persons	39,481	11,344	278	1,344			146												

HOV Restricted

	Period	Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	53,465	36,712
Rail Passengers	14,114	12,974
Auto and Motorcycle Passengers	52,593	35,897
Autos and Motorcycles	45,501	31,061
Average Auto Occupancy (Includes Motorcycles)	1.16	1.17

I-270 South between Montrose Road and the "Split" (max load point)

HOV Lane Total

Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	2	1	2	0	2.00	3.00	0	5	10	0	0	0	0	10	0	5	0	0	
5:15 - 5:30	121	0	3	0	1.08	4.33	0	124	134	1	0	16	0	150	0	125	0	0	
5:30 - 5:45	367	60	0	2	1.19	12.00	2	431	513	2	0	25	0	538	1	434	0	0	
5:45 - 6:00	432	44	1	2	1.14	9.00	1	480	548	1	0	16	0	564	1	482	0	0	
6:00 - 6:15	255	51	1	2	1.24	9.00	3	312	387	3	0	46	0	433	1	316	0	0	
6:15 - 6:30	188	56	4	1	1.29	4.80	6	255	330	3	0	42	0	372	2	260	0	0	
6:30 - 6:45	80	168	5	10	2.07	9.00	7	270	558	2	1	33	41	632	2	275	0	0	
6:45 - 7:00	49	331	5	10	2.13	9.00	3	398	849	2	2	38	82	969	3	405	0	0	
7:00 - 7:15	37	358	8	8	2.10	7.50	8	419	881	3	1	51	41	973	3	426	0	0	
7:15 - 7:30	57	383	2	10	2.08	10.50	7	459	956	2	2	31	82	1,069	1	464	0	0	
7:30 - 7:45	105	252	0	2	1.74	12.00	11	370	644	3	1	52	41	737	3	377	0	0	
7:45 - 8:00	40	353	1	2	1.94	9.00	7	403	780	2	2	29	82	891	4	411	0	0	
8:00 - 8:15	23	236	7	1	1.94	4.13	10	277	538	1	1	16	41	595	2	281	0	0	
8:15 - 8:30	9	345	0	1	1.98	12.00	10	365	721	3	0	35	0	756	5	373	0	0	
8:30 - 8:45	20	322	2	2	2.00	7.50	3	349	697	1	0	16	0	713	7	357	0	0	
8:45 - 9:00	19	260	7	15	2.43	9.14	6	307	746	1	0	16	0	762	7	315	0	0	
9:00 - 9:15	175	311	9	5	1.76	6.21	5	505	889	0	0	0	0	889	3	508	0	0	
9:15 - 9:30	200	384	0	6	1.76	12.00	2	592	1,042	0	0	0	0	1,042	4	596	0	0	
9:30 - 9:45	182	428	1	5	1.78	10.50	3	619	1,104	0	0	0	0	1,104	0	619	0	0	
9:45 - 10:00	177	258	5	0	1.61	3.00	2	442	710	0	0	0	0	710	1	443	0	0	

5-Hour Totals

Vehicles	2,538	4,601	63	84	N/A	N/A	96	7,382	13,037	30	10	462	410	13,909	50	7,472	0	0
Persons	2,538	9,202	193	1,008			96											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	13,909	8,902
Rail Passengers	0	0
Auto and Motorcycle Passengers	13,037	8,087
Autos and Motorcycles	7,382	4,184
Average Auto Occupancy (Includes Motorcycles)	1.77	1.93

I-270 South between Montrose Road and the "Split" (max load point)

Non-HOV Lane Total

Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers.		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders		Transit	Other	+ MC Riders	+Bus Passengers				
5:00 - 5:15	26	4	1	1	1.50	7.50	2	34	51		0	0	0	0	51	0	34	0	0
5:15 - 5:30	671	2	1	1	1.02	7.50	6	681	696		2	0	0	0	696	1	686	0	0
5:30 - 5:45	1,115	13	0	1	1.02	12.00	2	1,131	1,155		0	0	0	0	1,155	8	1,140	0	0
5:45 - 6:00	1,388	56	2	2	1.06	7.50	8	1,456	1,538		1	0	0	0	1,538	7	1,464	0	0
6:00 - 6:15	1,633	33	1	0	1.02	3.00	2	1,669	1,704		1	1	0	0	1,704	2	1,673	0	0
6:15 - 6:30	1,756	69	5	6	1.08	7.91	4	1,840	1,985		2	0	0	0	1,985	7	1,849	0	0
6:30 - 6:45	1,827	57	0	2	1.04	12.00	3	1,889	1,968		1	0	0	0	1,968	4	1,894	0	0
6:45 - 7:00	2,447	48	0	1	1.02	12.00	3	2,499	2,558		2	0	0	0	2,558	15	2,516	0	0
7:00 - 7:15	2,468	66	2	1	1.03	6.00	1	2,538	2,619		0	0	0	0	2,619	8	2,546	0	0
7:15 - 7:30	2,430	77	3	1	1.04	5.50	3	2,514	2,609		0	0	0	0	2,609	7	2,521	0	0
7:30 - 7:45	2,556	80	2	3	1.04	8.40	0	2,641	2,758		1	1	0	0	2,758	5	2,648	0	0
7:45 - 8:00	2,377	82	2	2	1.04	7.75	2	2,465	2,574		1	0	0	0	2,574	2	2,468	0	0
8:00 - 8:15	1,728	69	1	0	1.04	3.00	1	1,799	1,870		1	0	0	0	1,870	14	1,815	0	0
8:15 - 8:30	2,264	60	1	0	1.03	3.00	0	2,325	2,387		1	0	0	0	2,387	10	2,336	0	0
8:30 - 8:45	2,330	36	1	0	1.02	3.00	1	2,368	2,406		5	0	0	0	2,406	6	2,379	0	0
8:45 - 9:00	2,298	31	0	1	1.02	12.00	0	2,330	2,372		1	0	0	0	2,372	11	2,342	0	0
9:00 - 9:15	2,234	53	0	1	1.03	12.00	2	2,290	2,354		0	0	0	0	2,354	12	2,302	0	0
9:15 - 9:30	2,055	83	2	3	1.06	8.60	6	2,149	2,270		2	0	0	0	2,270	20	2,171	0	0
9:30 - 9:45	1,893	97	3	1	1.06	5.50	3	1,997	2,112		0	0	0	0	2,112	18	2,015	0	0
9:45 - 10:00	1,447	55	0	1	1.04	12.00	1	1,504	1,570		0	0	0	0	1,570	4	1,508	0	0

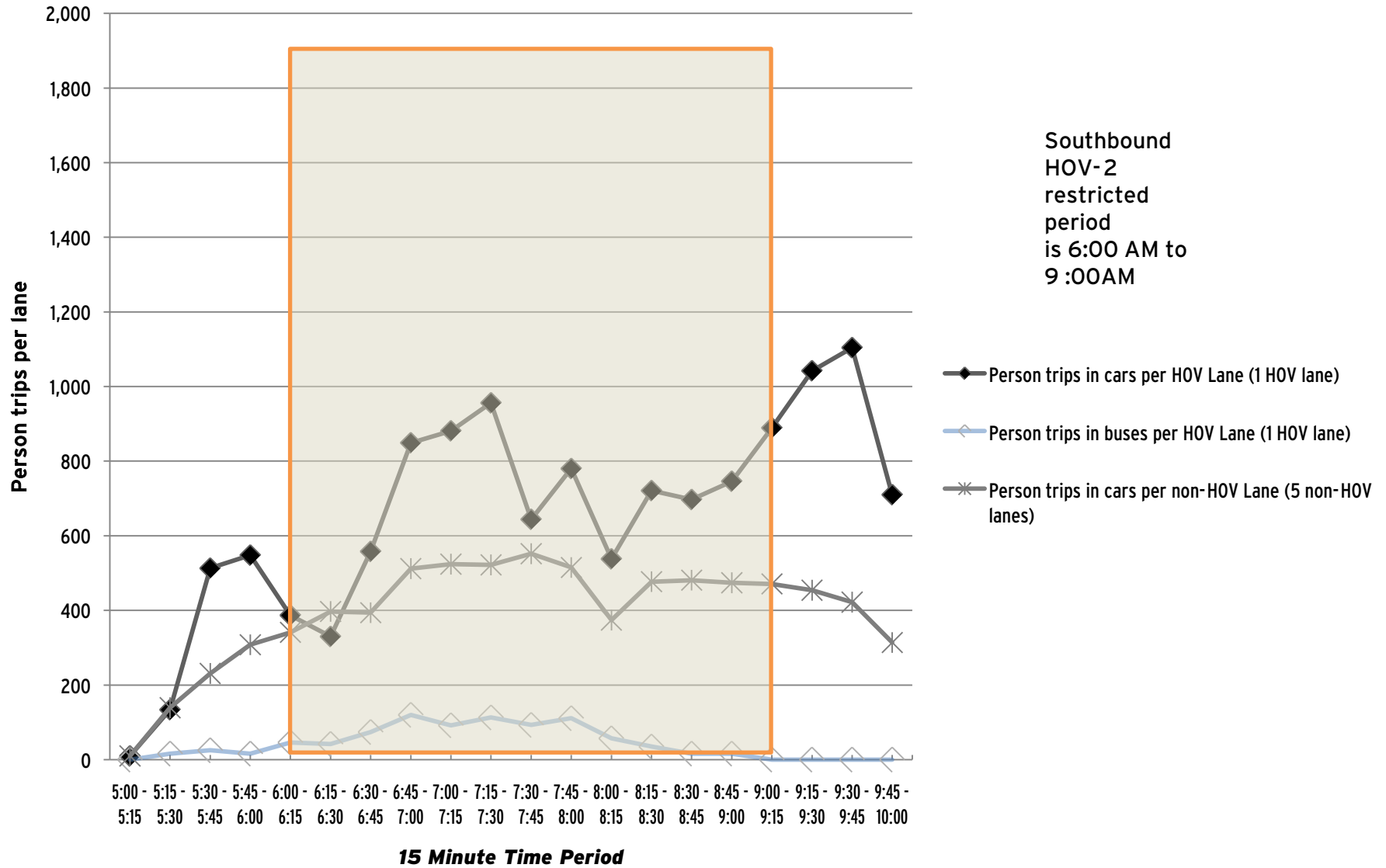
5-Hour Totals

Vehicles	36,943	1,071	27	28	N/A	N/A	50	38,119	39,556	21	2	0	0	39,556	161	38,307	0	0
Persons	36,943	2,142	85	336			50											

HOV Restricted

	Period	Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	39,556	27,810
Rail Passengers	0	0
Auto and Motorcycle Passengers	39,556	27,810
Autos and Motorcycles	38,119	26,877
Average Auto Occupancy (Includes Motorcycles)	1.04	1.03

**I-270 Southbound
Between Montrose Road and I-270/I-270 Spur Lane Divide
Observed person trips per lane by 15 minute interval**



I-270 Spur South between the "Split" and Democracy Blvd
 All Lanes Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ Bus Passengers			+ Bus Passengers	+ Bus Passengers						
5:00 - 5:15	2	2	2	0	2.00	3.00	0	6	12	0	0	0	0	0	12	0	6	0	0	
5:15 - 5:30	753	0	2	0	1.01	5.00	3	758	766	2	0	0	0	0	766	0	760	0	0	
5:30 - 5:45	963	43	0	0	1.04	0.00	4	1,010	1,053	0	0	0	0	1,053	0	1,010	0	0		
5:45 - 6:00	1,044	62	0	2	1.08	12.00	5	1,113	1,197	1	0	0	0	1,197	0	1,114	0	0		
6:00 - 6:15	1,333	24	0	0	1.02	0.00	5	1,362	1,386	1	0	0	0	1,386	1	1,364	0	0		
6:15 - 6:30	1,190	61	0	1	1.06	12.00	7	1,259	1,331	2	0	0	0	1,331	3	1,264	0	0		
6:30 - 6:45	901	88	0	6	1.15	12.00	5	1,000	1,154	1	0	0	0	1,154	2	1,003	0	0		
6:45 - 7:00	1,131	131	0	9	1.18	12.00	5	1,276	1,506	0	0	0	0	1,506	3	1,279	0	0		
7:00 - 7:15	1,078	152	1	7	1.19	10.88	5	1,243	1,474	0	0	0	0	1,474	1	1,244	0	0		
7:15 - 7:30	1,077	146	0	9	1.20	12.00	5	1,237	1,482	0	0	0	0	1,482	3	1,240	0	0		
7:30 - 7:45	1,246	98	1	3	1.10	9.75	5	1,353	1,486	1	0	0	0	1,486	6	1,360	0	0		
7:45 - 8:00	1,055	156	0	3	1.16	12.00	4	1,218	1,407	1	0	0	0	1,407	1	1,220	0	0		
8:00 - 8:15	605	171	0	0	1.22	0.00	9	785	956	1	0	0	0	956	2	788	0	0		
8:15 - 8:30	1,035	137	0	0	1.12	0.00	5	1,177	1,314	1	0	0	0	1,314	5	1,183	0	0		
8:30 - 8:45	1,056	120	0	0	1.10	0.00	3	1,179	1,299	5	0	0	0	1,299	2	1,186	0	0		
8:45 - 9:00	1,100	91	1	16	1.22	11.47	2	1,210	1,479	1	0	0	0	1,479	6	1,217	0	0		
9:00 - 9:15	1,103	79	1	5	1.11	10.50	4	1,192	1,328	0	0	0	0	1,328	10	1,202	0	0		
9:15 - 9:30	1,104	95	0	8	1.15	12.00	6	1,213	1,396	1	0	0	0	1,396	4	1,218	0	0		
9:30 - 9:45	1,020	170	1	6	1.20	10.71	4	1,201	1,439	0	0	0	0	1,439	1	1,202	0	0		
9:45 - 10:00	902	86	0	1	1.10	12.00	2	991	1,088	0	0	0	0	1,088	2	993	0	0		

5-Hour Totals

Vehicles	19,698	1,912	9	76	N/A	N/A	88	21,783	24,553	18	0	0	0	24,553	52	21,853	0	0
Persons	19,698	3,824	31	912			88											

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	5 Hours (7:00 AM - 8:00 AM)	
Highway Passengers	24,553	16,274	5,849
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	24,553	16,274	5,849
Autos and Motorcycles	21,783	14,299	5,051
Average Auto Occupancy (Includes Motorcycles)	1.13	1.14	1.16

I-270 Spur South between the "Split" and Democracy Blvd
 HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	0	6	0	3	0	0
5:15 - 5:30	120	0	2	0	1.07	5.00	0	122	130	0	0	0	0	0	130	0	122	0	0
5:30 - 5:45	197	36	0	0	1.15	0.00	2	235	271	0	0	0	0	271	0	235	0	0	
5:45 - 6:00	213	18	0	0	1.08	0.00	0	231	249	0	0	0	0	249	0	231	0	0	
6:00 - 6:15	170	10	0	0	1.05	0.00	3	183	193	0	0	0	0	193	0	183	0	0	
6:15 - 6:30	106	19	0	0	1.15	0.00	6	131	150	0	0	0	0	150	0	131	0	0	
6:30 - 6:45	49	55	0	5	1.98	12.00	3	112	222	0	0	0	0	222	1	113	0	0	
6:45 - 7:00	36	117	0	8	2.25	12.00	3	164	369	0	0	0	0	369	1	165	0	0	
7:00 - 7:15	31	141	0	7	2.18	12.00	5	184	402	0	0	0	0	402	0	184	0	0	
7:15 - 7:30	48	129	0	8	2.15	12.00	4	189	406	0	0	0	0	406	1	190	0	0	
7:30 - 7:45	96	86	0	2	1.57	12.00	5	189	297	0	0	0	0	297	2	191	0	0	
7:45 - 8:00	38	140	0	1	1.83	12.00	3	182	333	0	0	0	0	333	1	183	0	0	
8:00 - 8:15	16	128	0	0	1.84	0.00	9	153	281	0	0	0	0	281	2	155	0	0	
8:15 - 8:30	7	101	0	0	1.89	0.00	5	113	214	0	0	0	0	214	2	115	0	0	
8:30 - 8:45	4	105	0	0	1.95	0.00	2	111	216	0	0	0	0	216	0	111	0	0	
8:45 - 9:00	9	85	1	15	3.25	11.44	2	112	364	0	0	0	0	364	4	116	0	0	
9:00 - 9:15	134	64	1	5	1.58	10.50	4	208	329	0	0	0	0	329	3	211	0	0	
9:15 - 9:30	186	52	0	6	1.48	12.00	2	246	364	0	0	0	0	364	2	248	0	0	
9:30 - 9:45	176	86	0	5	1.52	12.00	3	270	411	0	0	0	0	411	0	270	0	0	
9:45 - 10:00	152	36	0	0	1.19	0.00	1	189	225	0	0	0	0	225	1	190	0	0	

5-Hour Totals

Vehicles	1,789	1,409	5	62	N/A	N/A	62	3,327	5,432	0	0	0	0	5,432	20	3,347	0	0
Persons	1,789	2,818	19	744			62											

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	3 Hours (7:00 AM - 8:00 AM)	
Highway Passengers	5,432	3,447	1,438
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	5,432	3,447	1,438
Autos and Motorcycles	3,327	1,823	744
Average Auto Occupancy (Includes Motorcycles)	1.63	1.89	1.93

I-270 Spur South between the "Split" and Democracy Blvd
 Non-HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ Bus Passengers	+ MC Passengers				
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	0	6	0	3	0	0	
5:15 - 5:30	633	0	0	0	1.00	0.00	3	636	636	2	0	0	0	636	0	638	0	0		
5:30 - 5:45	766	7	0	0	1.01	0.00	2	775	782	0	0	0	0	782	0	775	0	0		
5:45 - 6:00	831	44	0	2	1.07	12.00	5	882	948	1	0	0	0	948	0	883	0	0		
6:00 - 6:15	1,163	14	0	0	1.01	0.00	2	1,179	1,193	1	0	0	0	1,193	1	1,181	0	0		
6:15 - 6:30	1,084	42	0	1	1.05	12.00	1	1,128	1,181	2	0	0	0	1,181	3	1,133	0	0		
6:30 - 6:45	852	33	0	1	1.05	12.00	2	888	932	1	0	0	0	932	1	890	0	0		
6:45 - 7:00	1,095	14	0	1	1.02	12.00	2	1,112	1,137	0	0	0	0	1,137	2	1,114	0	0		
7:00 - 7:15	1,047	11	1	0	1.01	3.00	0	1,059	1,072	0	0	0	0	1,072	1	1,060	0	0		
7:15 - 7:30	1,029	17	0	1	1.03	12.00	1	1,048	1,076	0	0	0	0	1,076	2	1,050	0	0		
7:30 - 7:45	1,150	12	1	1	1.02	7.50	0	1,164	1,189	1	0	0	0	1,189	4	1,169	0	0		
7:45 - 8:00	1,017	16	0	2	1.04	12.00	1	1,036	1,074	1	0	0	0	1,074	0	1,037	0	0		
8:00 - 8:15	589	43	0	0	1.07	0.00	0	632	675	1	0	0	0	675	0	633	0	0		
8:15 - 8:30	1,028	36	0	0	1.03	0.00	0	1,064	1,100	1	0	0	0	1,100	3	1,068	0	0		
8:30 - 8:45	1,052	15	0	0	1.01	0.00	1	1,068	1,083	5	0	0	0	1,083	2	1,075	0	0		
8:45 - 9:00	1,091	6	0	1	1.02	12.00	0	1,098	1,115	1	0	0	0	1,115	2	1,101	0	0		
9:00 - 9:15	969	15	0	0	1.02	0.00	0	984	999	0	0	0	0	999	7	991	0	0		
9:15 - 9:30	918	43	0	2	1.07	12.00	4	967	1,032	1	0	0	0	1,032	2	970	0	0		
9:30 - 9:45	844	84	1	1	1.10	7.50	1	931	1,028	0	0	0	0	1,028	1	932	0	0		
9:45 - 10:00	750	50	0	1	1.08	12.00	1	802	863	0	0	0	0	863	1	803	0	0		

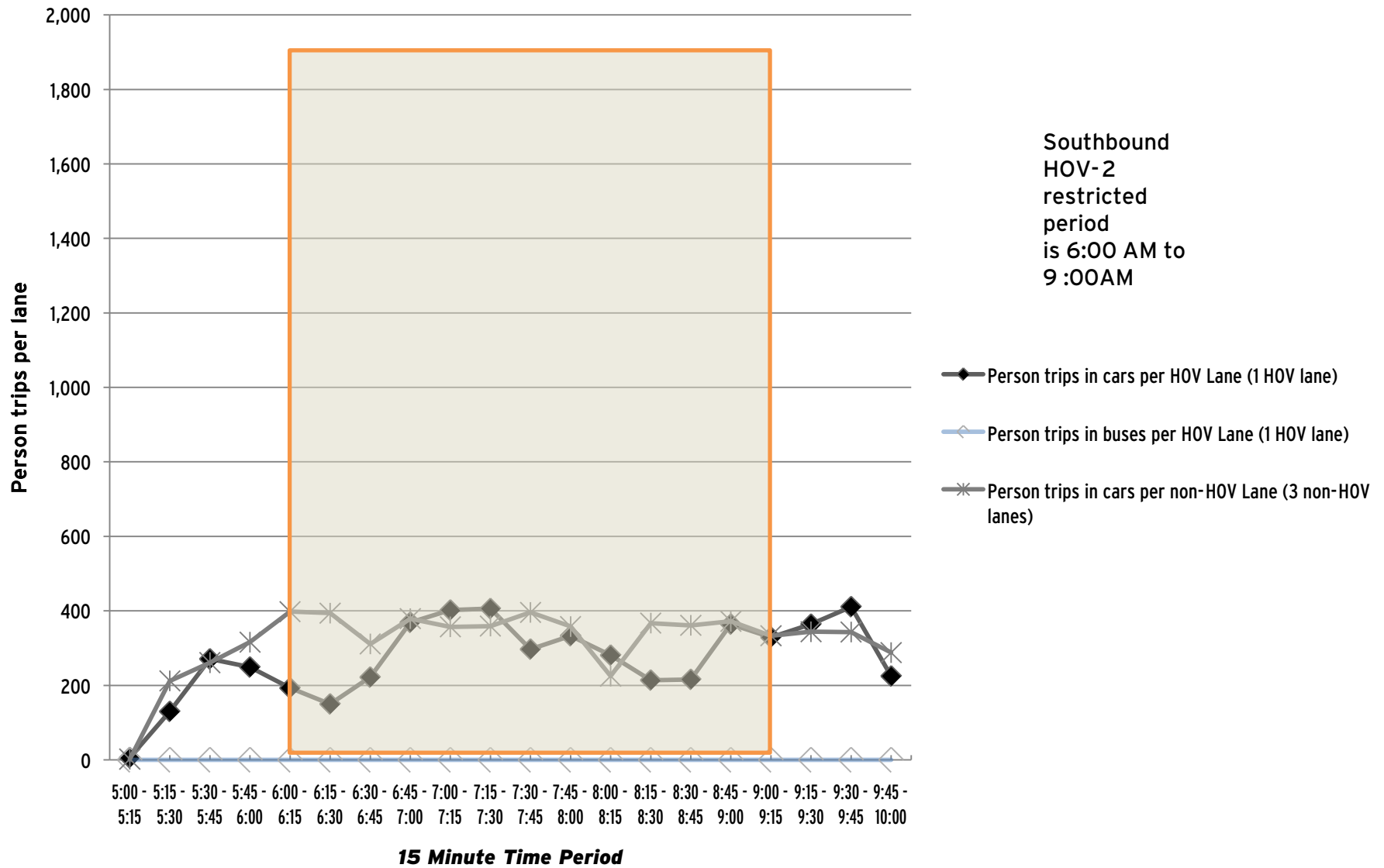
5-Hour Totals

Vehicles	17,909	503	4	14	N/A	N/A	26	18,456	19,121	18	0	0	0	19,121	32	18,506	0	0
Persons	17,909	1,006	12	168			26											

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	8:00 AM - 8:00 AM)	(7:00 AM - 8:00 AM)
Highway Passengers	19,121	12,827	4,411
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	19,121	12,827	4,411
Autos and Motorcycles	18,456	12,476	4,307
Average Auto Occupancy (Includes Motorcycles)	1.04	1.03	1.02

I-270Y (I-270 Spur) Southbound Between I-270 and Democracy Boulevard Observed person trips per lane by 15 minute interval



I-270 Southbound at Rockledge Dr
 All Lanes Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Trucks	Total Vehicles	Rail Metro	Comm.
									Total Auto Pers. + MC Riders	+ MC Riders			Transit	Other	+ Bus Passengers	+ MC Riders				
5:00 - 5:15	26	3	1	1	1.48	7.50	2	33	49	0	0	0	0	49	0	33	0	0	0	
5:15 - 5:30	39	2	2	1	1.36	6.00	3	47	64	1	0	16	0	80	1	51	0	0	0	
5:30 - 5:45	519	30	0	3	1.11	12.00	0	552	615	2	0	25	0	640	9	564	0	0	0	
5:45 - 6:00	776	38	3	2	1.08	6.60	4	823	889	1	0	16	0	905	8	832	1,140	0	0	
6:00 - 6:15	555	60	2	2	1.14	7.50	0	619	705	3	1	46	0	751	2	625	0	0	0	
6:15 - 6:30	754	64	9	6	1.18	6.60	3	836	984	3	0	42	0	1,026	6	845	0	0	0	
6:30 - 6:45	1,006	137	5	6	1.18	7.91	5	1,159	1,372	2	1	33	41	1,446	4	1,166	0	0	0	
6:45 - 7:00	1,365	248	5	2	1.17	5.57	1	1,621	1,901	4	2	38	82	2,021	15	1,642	2,945	0	0	
7:00 - 7:15	1,427	272	9	2	1.18	4.64	4	1,714	2,026	3	1	51	41	2,118	10	1,728	0	0	0	
7:15 - 7:30	1,410	314	5	2	1.20	5.71	5	1,736	2,083	2	2	31	82	2,196	5	1,745	2,560	0	0	
7:30 - 7:45	1,415	234	1	2	1.16	9.00	6	1,658	1,916	3	2	52	41	2,009	2	1,665	0	0	0	
7:45 - 8:00	1,362	279	3	1	1.18	5.50	5	1,650	1,947	2	2	29	82	2,058	5	1,659	2,699	0	0	
8:00 - 8:15	1,146	134	8	1	1.12	4.00	2	1,291	1,452	1	1	16	41	1,509	14	1,308	0	0	0	
8:15 - 8:30	1,238	268	1	1	1.19	7.50	5	1,513	1,794	3	0	35	0	1,829	10	1,526	2,852	0	0	
8:30 - 8:45	1,294	238	3	2	1.17	6.60	1	1,538	1,804	1	0	16	0	1,820	11	1,550	0	0	0	
8:45 - 9:00	1,217	200	6	0	1.15	3.00	4	1,427	1,639	1	0	16	0	1,655	12	1,440	1,918	0	0	
9:00 - 9:15	1,306	285	8	1	1.19	4.00	3	1,603	1,915	0	0	0	0	1,915	5	1,608	0	0	0	
9:15 - 9:30	1,151	372	2	1	1.25	6.33	2	1,528	1,916	1	0	0	0	1,916	20	1,549	0	0	0	
9:30 - 9:45	1,055	355	3	0	1.26	3.33	2	1,415	1,777	0	0	0	0	1,777	17	1,432	0	0	0	
9:45 - 10:00	722	227	5	0	1.25	3.00	1	955	1,192	0	0	0	0	1,192	3	958	0	0	0	

5-Hour Totals

Vehicles	19,783	3,760	81	36	N/A	N/A	58	23,718	28,040	33	12	462	410	28,912	159	23,926	14,114	0	0
Persons	19,783	7,520	247	432			58												

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	28,912	8,381
Rail Passengers	14,114	5,259
Auto and Motorcycle Passengers	28,040	7,972
Autos and Motorcycles	23,718	6,758
Average Auto Occupancy (Includes Motorcycles)	1.18	1.17

Rail system patronage 5 AM to 9 AM only

I-270 Southbound at Rockledge Dr
 HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
5:00 - 5:15	1	0	1	0	2.00	3.00	0	2	4	0	0	0	0	4	0	2	0	0	
5:15 - 5:30	1	0	1	0	2.00	3.00	0	2	4	1	0	16	0	20	0	3	0	0	
5:30 - 5:45	170	24	0	2	1.23	12.00	0	196	242	2	0	25	0	267	1	199	0	0	
5:45 - 6:00	219	26	1	2	1.20	9.00	1	249	299	1	0	16	0	315	1	251	0	0	
6:00 - 6:15	85	41	1	2	1.50	9.00	0	129	194	3	0	46	0	240	1	133	0	0	
6:15 - 6:30	82	37	4	1	1.45	4.80	0	124	180	3	0	42	0	222	2	129	0	0	
6:30 - 6:45	31	113	5	5	2.13	7.50	4	158	336	2	1	33	41	410	1	162	0	0	
6:45 - 7:00	13	214	5	2	2.05	5.57	0	234	480	2	2	38	82	600	2	240	0	0	
7:00 - 7:15	6	217	8	1	2.04	4.00	3	235	479	3	1	51	41	571	3	242	0	0	
7:15 - 7:30	9	254	2	2	2.04	7.50	3	270	550	2	2	31	82	663	0	274	0	0	
7:30 - 7:45	9	166	0	0	1.92	0.00	6	181	347	3	1	52	41	440	1	186	0	0	
7:45 - 8:00	2	213	1	1	2.02	7.50	4	221	447	2	2	29	82	558	3	228	0	0	
8:00 - 8:15	7	108	7	1	2.07	4.13	1	124	257	1	1	16	41	314	0	126	0	0	
8:15 - 8:30	2	244	0	1	2.01	12.00	5	252	507	3	0	35	0	542	3	258	0	0	
8:30 - 8:45	16	217	2	2	2.02	7.50	1	238	481	1	0	16	0	497	7	246	0	0	
8:45 - 9:00	10	175	6	0	1.96	3.00	4	195	382	1	0	16	0	398	3	199	0	0	
9:00 - 9:15	41	247	8	0	1.89	3.00	1	297	560	0	0	0	0	560	0	297	0	0	
9:15 - 9:30	14	332	0	0	1.96	0.00	0	346	678	0	0	0	0	678	2	348	0	0	
9:30 - 9:45	6	342	1	0	1.99	3.00	0	349	693	0	0	0	0	693	0	349	0	0	
9:45 - 10:00	25	222	5	0	1.92	3.00	1	253	485	0	0	0	0	485	0	253	0	0	

5-Hour Totals

Vehicles	749	3,192	58	22	N/A	N/A	34	4,055	7,605	30	10	462	410	8,477	30	4,125	0	0
Persons	749	6,384	174	264			34											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	8,477	5,455
Rail Passengers	0	0
Auto and Motorcycle Passengers	7,605	4,640
Autos and Motorcycles	4,055	2,361
Average Auto Occupancy (Includes Motorcycles)	1.88	2.01

I-270 Southbound at Rockledge Dr
 Non-HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+Bus Passengers					
5:00 - 5:15	25	3	0	1	1.45	12.00	2	31	45	0	0	0	0	45	0	31	0	0	
5:15 - 5:30	38	2	1	1	1.33	7.50	3	45	60	0	0	0	0	60	1	48	0	0	
5:30 - 5:45	349	6	0	1	1.05	12.00	0	356	373	0	0	0	0	373	8	365	0	0	
5:45 - 6:00	557	12	2	0	1.03	3.00	3	574	590	0	0	0	0	590	7	581	0	0	
6:00 - 6:15	470	19	1	0	1.04	3.00	0	490	511	0	1	0	0	511	1	492	0	0	
6:15 - 6:30	672	27	5	5	1.13	7.50	3	712	804	0	0	0	0	804	4	716	0	0	
6:30 - 6:45	975	24	0	1	1.03	12.00	1	1,001	1,036	0	0	0	0	1,036	3	1,004	0	0	
6:45 - 7:00	1,352	34	0	0	1.02	0.00	1	1,387	1,421	2	0	0	0	1,421	13	1,402	0	0	
7:00 - 7:15	1,421	55	1	1	1.05	7.50	1	1,479	1,547	0	0	0	0	1,547	7	1,486	0	0	
7:15 - 7:30	1,401	60	3	0	1.05	3.33	2	1,466	1,533	0	0	0	0	1,533	5	1,471	0	0	
7:30 - 7:45	1,406	68	1	2	1.06	9.00	0	1,477	1,569	0	1	0	0	1,569	1	1,479	0	0	
7:45 - 8:00	1,360	66	2	0	1.05	3.50	1	1,429	1,500	0	0	0	0	1,500	2	1,431	0	0	
8:00 - 8:15	1,139	26	1	0	1.02	3.00	1	1,167	1,195	0	0	0	0	1,195	14	1,182	0	0	
8:15 - 8:30	1,236	24	1	0	1.02	3.00	0	1,261	1,287	0	0	0	0	1,287	7	1,268	0	0	
8:30 - 8:45	1,278	21	1	0	1.02	3.00	0	1,300	1,323	0	0	0	0	1,323	4	1,304	0	0	
8:45 - 9:00	1,207	25	0	0	1.02	0.00	0	1,232	1,257	0	0	0	0	1,257	9	1,241	0	0	
9:00 - 9:15	1,265	38	0	1	1.04	12.00	2	1,306	1,355	0	0	0	0	1,355	5	1,311	0	0	
9:15 - 9:30	1,137	40	2	1	1.05	6.33	2	1,182	1,238	1	0	0	0	1,238	18	1,201	0	0	
9:30 - 9:45	1,049	13	2	0	1.02	3.50	2	1,066	1,084	0	0	0	0	1,084	17	1,083	0	0	
9:45 - 10:00	697	5	0	0	1.01	0.00	0	702	707	0	0	0	0	707	3	705	0	0	

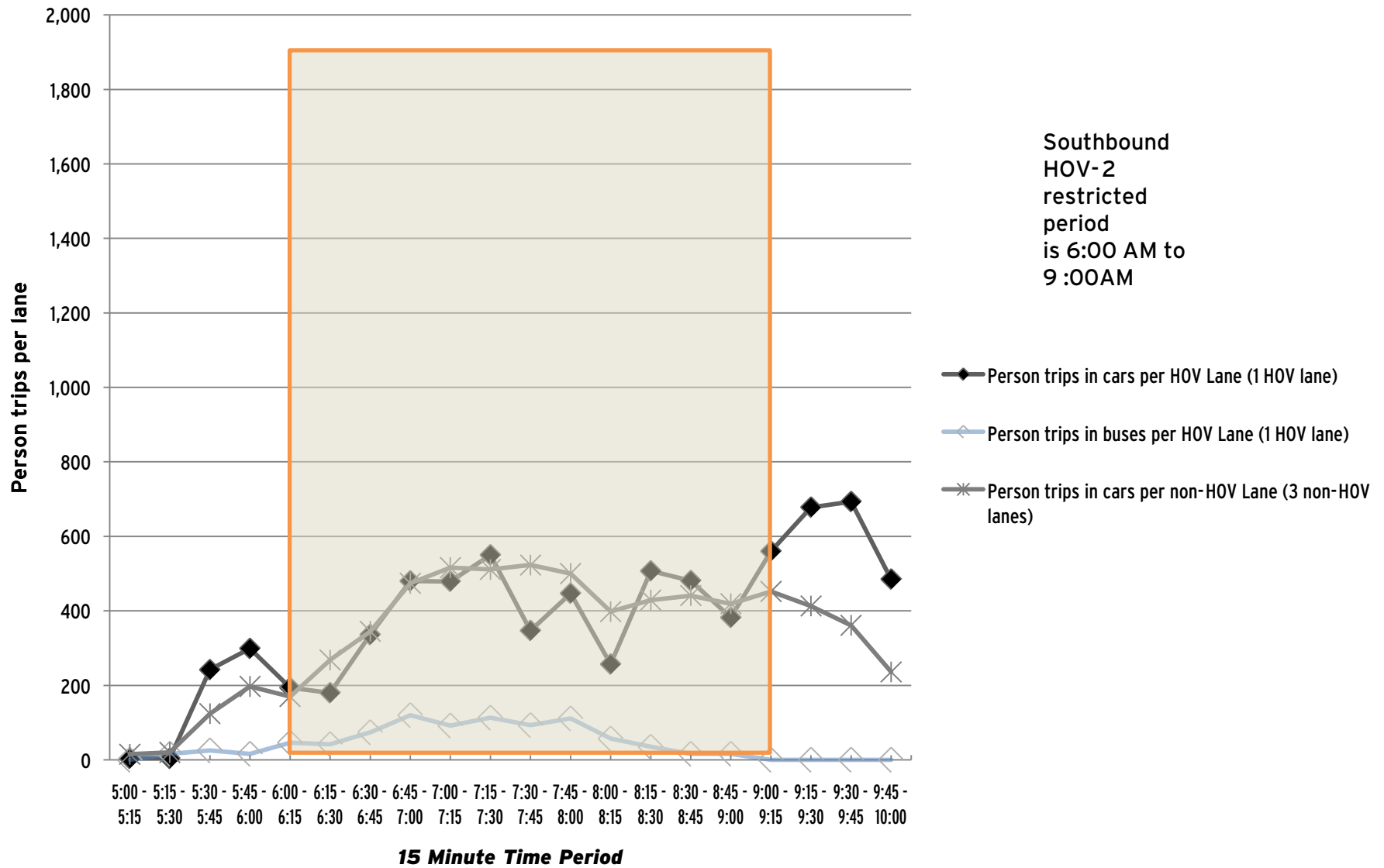
5-Hour Totals

Vehicles	19,034	568	23	14	N/A	N/A	24	19,663	20,435	3	2	0	0	20,435	129	19,801	0	0
Persons	19,034	1,136	73	168			24											

HOV Restricted

	Period 5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	20,435	6,149
Rail Passengers	0	0
Auto and Motorcycle Passengers	20,435	6,149
Autos and Motorcycles	19,663	5,851
Average Auto Occupancy (Includes Motorcycles)	1.04	1.05

**I-270 Southbound
Between I-270Y (I-270 Spur) and Rockledge Drive
Observed person trips per lane by 15 minute interval**



U.S. 50/U.S. 301 Westbound between Md. 424 (Davidsonville Road) and Md. 3 (Crain Highway)

All Lanes Total

Spring 2010 - 13 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	269	0	0	0	1.00	0.00	0	269	269	0	0	0	0	269	0	269	0	0	
5:15 - 5:30	511	1	0	0	1.00	0.00	2	514	515	0	3	0	111	626	1	518	0	0	
5:30 - 5:45	463	2	0	3	1.07	12.00	0	468	503	0	3	0	111	614	1	472	0	0	
5:45 - 6:00	475	4	0	1	1.03	12.00	0	480	495	0	2	0	74	569	1	483	0	0	
6:00 - 6:15	597	6	0	2	1.05	12.00	2	607	635	0	2	0	74	709	3	612	0	0	
6:15 - 6:30	810	23	1	1	1.04	7.50	3	838	874	0	4	0	148	1,022	2	844	0	0	
6:30 - 6:45	786	6	0	0	1.01	0.00	2	794	800	0	3	0	111	911	3	800	0	0	
6:45 - 7:00	873	11	0	3	1.05	12.00	1	888	932	0	5	0	185	1,117	0	893	0	0	
7:00 - 7:15	855	12	1	0	1.02	3.00	0	868	882	0	3	0	111	993	1	872	0	0	
7:15 - 7:30	774	15	0	0	1.02	0.00	0	789	804	0	3	0	111	915	2	794	0	0	
7:30 - 7:45	1,019	50	0	0	1.05	0.00	0	1,069	1,119	0	2	0	74	1,193	1	1,072	0	0	
7:45 - 8:00	906	18	0	1	1.03	12.00	0	925	954	0	3	0	111	1,065	3	931	0	0	
8:00 - 8:15	767	34	0	0	1.04	0.00	4	805	839	0	2	0	74	913	0	807	0	0	
8:15 - 8:30	735	20	0	1	1.04	12.00	1	757	788	0	4	0	148	936	1	762	0	0	
8:30 - 8:45	703	7	0	2	1.04	12.00	0	712	741	0	0	0	0	741	3	715	0	0	
8:45 - 9:00	779	11	0	1	1.03	12.00	1	792	814	0	3	0	111	925	6	801	0	0	
9:00 - 9:15	694	7	0	0	1.01	0.00	2	703	710	0	1	0	37	747	3	707	0	0	
9:15 - 9:30	681	32	0	1	1.06	12.00	1	715	758	0	3	0	111	869	7	725	0	0	
9:30 - 9:45	681	10	1	0	1.02	3.00	1	693	705	0	1	0	37	742	3	697	0	0	
9:45 - 10:00	471	1	0	1	1.03	12.00	0	473	485	0	3	0	111	596	0	476	0	0	

5-Hour Totals

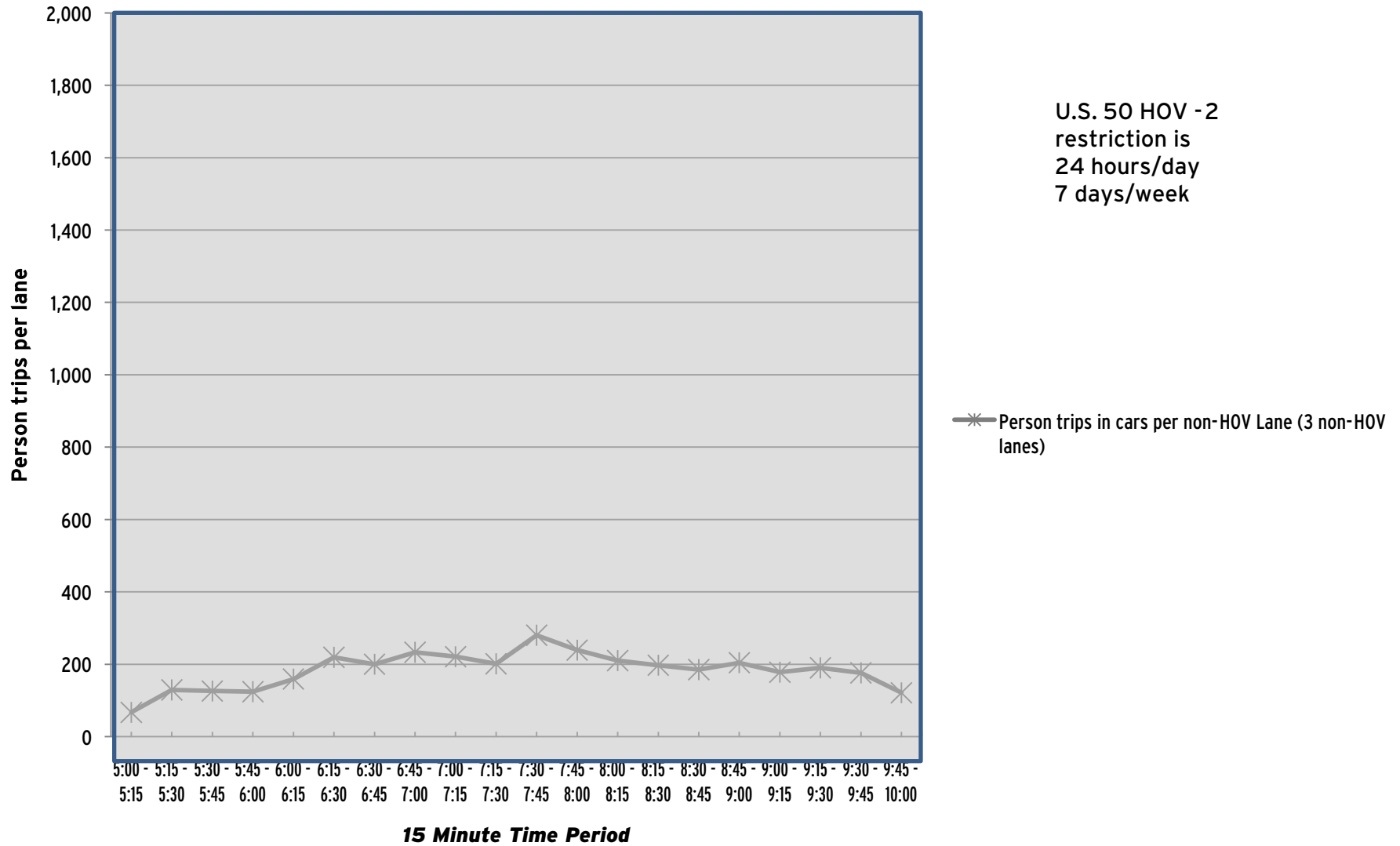
Vehicles	13,849	270	3	17	N/A	N/A	20	14,159	14,622	0	50	0	1,850	16,472	41	14,250	0	0
Persons	13,849	540	9	204			20											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	16,472	4,166
Rail Passengers	0	0
Auto and Motorcycle Passengers	14,622	3,759
Autos and Motorcycles	14,159	3,651
Average Auto Occupancy (Includes Motorcycles)	1.03	1.03

**U.S. 50 Westbound at Md. 424 (Davidsonville Road)
A.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

U.S. 50 HOV -2
restriction is
24 hours/day
7 days/week



U.S. 50 Westbound between U.S. 301/Md. 3 (Crain Highway) and Md. 197 (Collington Road)

All Lanes Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
5:00 - 5:15	3	9	6	0	2.11	3.00	1	19	40	0	0	0	0	40	0	19	0	0	
5:15 - 5:30	115	44	0	5	1.60	12.00	1	165	264	0	4	0	111	375	2	171	0	0	
5:30 - 5:45	746	61	0	16	1.29	12.00	2	825	1,062	0	3	0	111	1,173	4	832	0	0	
5:45 - 6:00	1,024	106	0	12	1.21	12.00	4	1,146	1,384	0	1	0	37	1,421	3	1,150	0	0	
6:00 - 6:15	1,179	117	0	15	1.21	12.00	3	1,314	1,596	0	3	0	111	1,707	4	1,321	0	0	
6:15 - 6:30	1,276	184	0	5	1.16	12.00	1	1,466	1,705	0	6	0	111	1,816	0	1,472	0	0	
6:30 - 6:45	1,403	107	0	1	1.08	12.00	3	1,514	1,632	0	6	0	111	1,743	1	1,521	0	0	
6:45 - 7:00	1,462	148	0	4	1.12	12.00	2	1,616	1,808	0	6	0	148	1,956	0	1,622	0	0	
7:00 - 7:15	1,417	150	1	3	1.12	9.75	3	1,574	1,759	0	9	0	148	1,907	0	1,583	0	0	
7:15 - 7:30	1,411	215	1	5	1.17	10.50	2	1,634	1,906	0	6	0	148	2,054	0	1,640	0	0	
7:30 - 7:45	1,388	180	0	2	1.13	12.00	3	1,573	1,775	0	4	0	148	1,923	5	1,582	0	0	
7:45 - 8:00	1,166	163	0	5	1.16	12.00	2	1,336	1,554	0	4	0	148	1,702	4	1,344	0	0	
8:00 - 8:15	1,111	124	1	3	1.13	9.75	0	1,239	1,398	0	4	0	74	1,472	0	1,243	0	0	
8:15 - 8:30	1,139	57	2	5	1.10	9.43	1	1,204	1,320	0	3	0	111	1,431	3	1,210	0	0	
8:30 - 8:45	1,180	69	0	10	1.14	12.00	0	1,259	1,438	0	3	0	37	1,475	5	1,267	0	0	
8:45 - 9:00	1,140	95	0	10	1.16	12.00	2	1,247	1,452	0	4	0	37	1,489	0	1,251	0	0	
9:00 - 9:15	1,064	72	0	8	1.14	12.00	1	1,145	1,305	0	1	0	0	1,305	0	1,146	0	0	
9:15 - 9:30	1,082	87	0	11	1.18	12.00	3	1,183	1,391	0	2	0	0	1,391	1	1,186	0	0	
9:30 - 9:45	948	59	0	6	1.12	12.00	2	1,015	1,140	0	4	0	0	1,140	0	1,019	0	0	
9:45 - 10:00	933	79	1	10	1.19	11.18	1	1,024	1,215	0	1	0	0	1,215	0	1,025	0	0	

5-Hour Totals

Vehicles	21,187	2,126	12	136	N/A	N/A	37	23,498	27,144	0	74	0	1,591	28,735	32	23,604	0	0
Persons	21,187	4,252	36	1,632			37											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	28,735	7,840
Rail Passengers	0	0
Auto and Motorcycle Passengers	27,144	7,248
Autos and Motorcycles	23,498	6,397
Average Auto Occupancy (Includes Motorcycles)	1.16	1.13

U.S. 50 Westbound between U.S. 301/Md. 3 (Crain Highway) and Md. 197 (Collington Road)
 HOV Lane Total
 Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
5:00 - 5:15	1	5	0	0	1.71	0.00	1	7	12	0	0	0	0	12	0	7	0	0	0	
5:15 - 5:30	0	43	0	0	2.00	0.00	0	43	86	0	3	0	111	197	2	48	0	0	0	
5:30 - 5:45	0	51	0	0	1.98	0.00	1	52	103	0	3	0	111	214	4	59	0	0	0	
5:45 - 6:00	1	88	0	0	1.96	0.00	3	92	180	0	1	0	37	217	2	95	0	0	0	
6:00 - 6:15	9	103	0	1	2.00	12.00	1	114	228	0	3	0	111	339	3	120	0	0	0	
6:15 - 6:30	3	103	0	0	1.96	0.00	1	107	210	0	3	0	111	321	0	110	0	0	0	
6:30 - 6:45	36	62	0	0	1.62	0.00	2	100	162	0	3	0	111	273	0	103	0	0	0	
6:45 - 7:00	31	93	0	0	1.74	0.00	1	125	218	0	4	0	148	366	0	129	0	0	0	
7:00 - 7:15	51	110	0	0	1.68	0.00	1	162	272	0	4	0	148	420	0	166	0	0	0	
7:15 - 7:30	10	182	0	0	1.94	0.00	2	194	376	0	4	0	148	524	0	198	0	0	0	
7:30 - 7:45	69	175	0	0	1.71	0.00	3	247	422	0	4	0	148	570	4	255	0	0	0	
7:45 - 8:00	23	157	0	0	1.86	0.00	2	182	339	0	4	0	148	487	4	190	0	0	0	
8:00 - 8:15	31	115	1	0	1.80	3.00	0	147	264	0	2	0	74	338	0	149	0	0	0	
8:15 - 8:30	29	52	2	0	1.67	3.00	1	84	140	0	3	0	111	251	2	89	0	0	0	
8:30 - 8:45	29	68	0	0	1.70	0.00	0	97	165	0	1	0	37	202	5	103	0	0	0	
8:45 - 9:00	12	68	0	0	1.83	0.00	2	82	150	0	1	0	37	187	0	83	0	0	0	
9:00 - 9:15	3	49	0	0	1.92	0.00	1	53	102	0	0	0	0	102	0	53	0	0	0	
9:15 - 9:30	7	59	0	0	1.88	0.00	1	67	126	0	0	0	0	126	0	67	0	0	0	
9:30 - 9:45	2	24	0	0	1.92	0.00	0	26	50	0	0	0	0	50	0	26	0	0	0	
9:45 - 10:00	2	22	0	0	1.88	0.00	1	25	47	0	0	0	0	47	0	25	0	0	0	

5-Hour Totals

Vehicles	349	1,629	3	1	N/A	N/A	24	2,006	3,652	0	43	0	1,591	5,243	26	2,075	0	0	0
Persons	349	3,258	9	12			24												

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	5,243	1,880
Rail Passengers	0	0
Auto and Motorcycle Passengers	3,652	1,288
Autos and Motorcycles	2,006	728
Average Auto Occupancy (Includes Motorcycles)	1.82	1.77

U.S. 50 Westbound between U.S. 301/Md. 3 (Crain Highway) and Md. 197 (Collington Road)

Non-HOV Lane Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers	+ MC Riders				
5:00 - 5:15	2	4	6	0	2.33	3.00	0	12	28	0	0	0	0	28	0	12	0	0	
5:15 - 5:30	115	1	0	5	1.46	12.00	1	122	178	0	1	0	0	178	0	123	0	0	
5:30 - 5:45	746	10	0	16	1.24	12.00	1	773	959	0	0	0	0	959	0	773	0	0	
5:45 - 6:00	1,023	18	0	12	1.14	12.00	1	1,054	1,204	0	0	0	0	1,204	1	1,055	0	0	
6:00 - 6:15	1,170	14	0	14	1.14	12.00	2	1,200	1,368	0	0	0	0	1,368	1	1,201	0	0	
6:15 - 6:30	1,273	81	0	5	1.10	12.00	0	1,359	1,495	0	3	0	0	1,495	0	1,362	0	0	
6:30 - 6:45	1,367	45	0	1	1.04	12.00	1	1,414	1,470	0	3	0	0	1,470	1	1,418	0	0	
6:45 - 7:00	1,431	55	0	4	1.07	12.00	1	1,491	1,590	0	2	0	0	1,590	0	1,493	0	0	
7:00 - 7:15	1,366	40	1	3	1.05	9.75	2	1,412	1,487	0	5	0	0	1,487	0	1,417	0	0	
7:15 - 7:30	1,401	33	1	5	1.06	10.50	0	1,440	1,530	0	2	0	0	1,530	0	1,442	0	0	
7:30 - 7:45	1,319	5	0	2	1.02	12.00	0	1,326	1,353	0	0	0	0	1,353	1	1,327	0	0	
7:45 - 8:00	1,143	6	0	5	1.05	12.00	0	1,154	1,215	0	0	0	0	1,215	0	1,154	0	0	
8:00 - 8:15	1,080	9	0	3	1.04	12.00	0	1,092	1,134	0	2	0	0	1,134	0	1,094	0	0	
8:15 - 8:30	1,110	5	0	5	1.05	12.00	0	1,120	1,180	0	0	0	0	1,180	1	1,121	0	0	
8:30 - 8:45	1,151	1	0	10	1.10	12.00	0	1,162	1,273	0	2	0	0	1,273	0	1,164	0	0	
8:45 - 9:00	1,128	27	0	10	1.12	12.00	0	1,165	1,302	0	3	0	0	1,302	0	1,168	0	0	
9:00 - 9:15	1,061	23	0	8	1.10	12.00	0	1,092	1,203	0	1	0	0	1,203	0	1,093	0	0	
9:15 - 9:30	1,075	28	0	11	1.13	12.00	2	1,116	1,265	0	2	0	0	1,265	1	1,119	0	0	
9:30 - 9:45	946	35	0	6	1.10	12.00	2	989	1,090	0	4	0	0	1,090	0	993	0	0	
9:45 - 10:00	931	57	1	10	1.17	11.18	0	999	1,168	0	1	0	0	1,168	0	1,000	0	0	

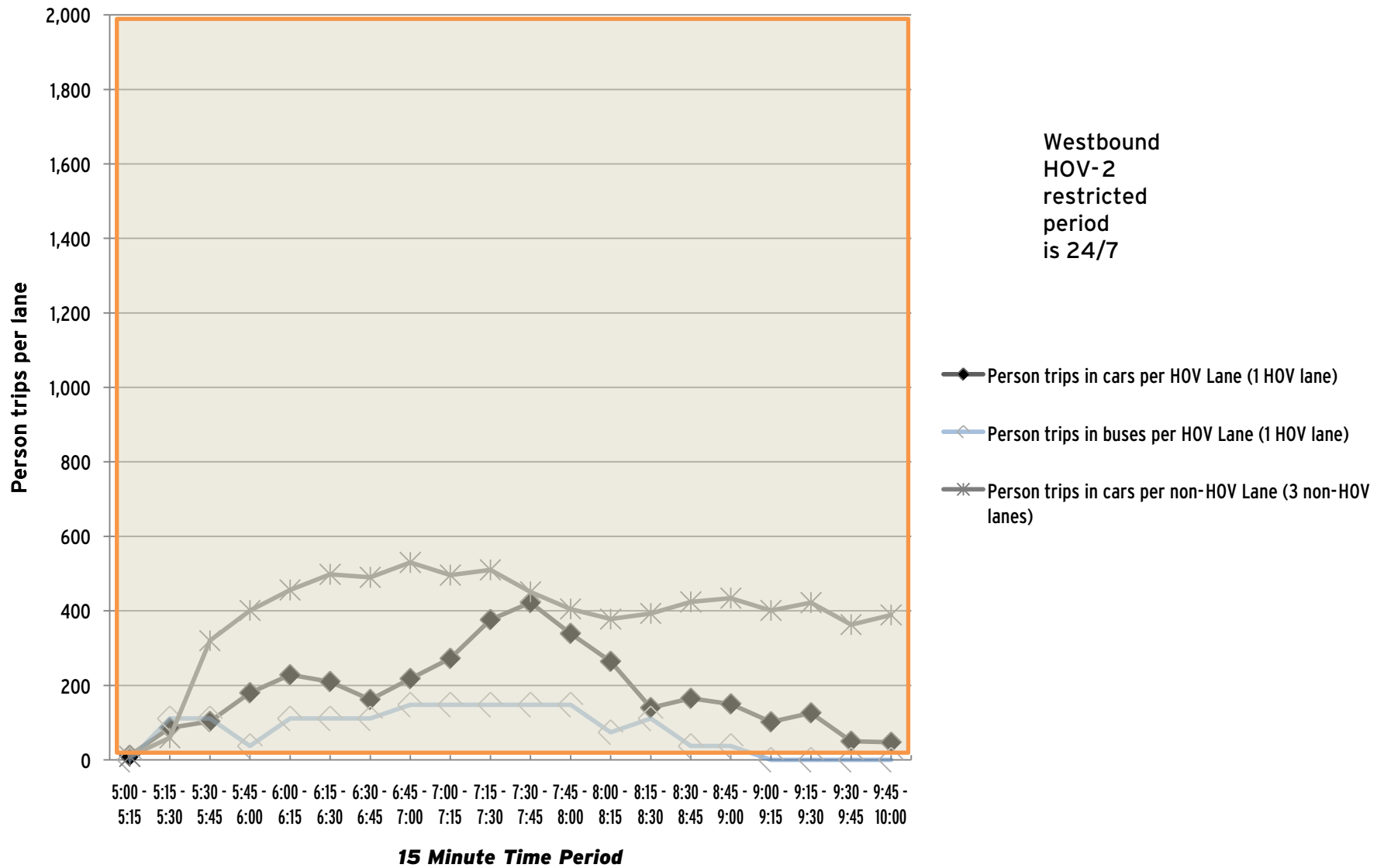
5-Hour Totals

Vehicles	20,838	497	9	135	N/A	N/A	13	21,492	23,492	0	31	0	0	23,492	6	21,529	0	0
Persons	20,838	994	27	1,620			13											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (6:45 AM - 7:45 AM)
Highway Passengers	23,492	5,960
Rail Passengers	0	0
Auto and Motorcycle Passengers	23,492	5,960
Autos and Motorcycles	21,492	5,669
Average Auto Occupancy (Includes Motorcycles)	1.09	1.05

**U.S. 50 (John Hanson Highway) Westbound
Between Md. 3/U.S. 301 (Crain Highway) and Md. 197 (Collington Road)
Observed person trips per lane by 15 minute interval**



U.S. 50 Westbound between Md. 197 (Collington Road) and Md. 704 (M. L. King, Jr. Highway)

All Lanes Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers	Trucks			
5:00 - 5:15	85	12	6	0	1.27	3.67	1	104	132	0	0	0	0	132	0	104	0	0
5:15 - 5:30	1,039	21	0	2	1.04	12.00	0	1,062	1,105	0	4	0	109	1,214	1	1,067	0	0
5:30 - 5:45	1,112	6	0	0	1.01	0.00	2	1,120	1,126	1	4	36	110	1,272	0	1,125	0	0
5:45 - 6:00	1,001	35	0	1	1.04	12.00	2	1,039	1,085	2	2	63	37	1,185	0	1,043	0	0
6:00 - 6:15	1,141	35	1	5	1.08	10.50	1	1,183	1,275	0	5	0	73	1,348	1	1,189	0	0
6:15 - 6:30	989	76	0	7	1.14	12.00	3	1,075	1,228	2	6	46	36	1,310	1	1,084	0	0
6:30 - 6:45	1,009	210	2	9	1.25	10.36	2	1,232	1,545	1	8	28	73	1,646	5	1,246	0	0
6:45 - 7:00	1,182	255	5	2	1.20	6.00	4	1,448	1,738	1	11	28	147	1,913	2	1,462	0	0
7:00 - 7:15	998	361	2	2	1.28	7.50	4	1,367	1,754	0	10	0	111	1,865	2	1,379	0	0
7:15 - 7:30	1,230	221	0	6	1.20	12.00	0	1,457	1,744	2	9	49	72	1,865	2	1,470	0	0
7:30 - 7:45	1,617	26	1	0	1.02	3.00	4	1,648	1,676	2	3	54	73	1,803	1	1,654	0	0
7:45 - 8:00	1,841	20	1	0	1.01	3.00	0	1,862	1,884	1	6	38	110	2,032	3	1,872	0	0
8:00 - 8:15	1,521	20	0	0	1.01	0.00	0	1,541	1,561	1	7	12	37	1,610	2	1,551	0	0
8:15 - 8:30	1,487	24	0	1	1.02	12.00	4	1,516	1,551	2	6	61	37	1,649	2	1,526	0	0
8:30 - 8:45	1,331	36	0	1	1.03	12.00	2	1,370	1,417	1	3	28	0	1,445	3	1,377	0	0
8:45 - 9:00	761	84	1	2	1.13	9.00	3	851	959	1	13	22	0	981	0	865	0	0
9:00 - 9:15	738	63	2	2	1.11	7.50	2	807	896	1	3	18	0	914	10	821	0	0
9:15 - 9:30	682	65	2	1	1.11	6.33	1	751	832	0	4	0	0	832	2	757	0	0
9:30 - 9:45	698	54	1	2	1.11	10.33	1	756	838	1	4	10	0	848	8	769	0	0
9:45 - 10:00	504	30	0	1	1.08	12.00	2	537	578	0	1	0	0	578	8	546	0	0

5-Hour Totals

Vehicles	20,966	1,654	24	44	N/A	N/A	38	22,726	24,924	19	109	493	1,025	26,442	53	22,907	0	0
Persons	20,966	3,308	84	528			38											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	26,442	7,094
Rail Passengers	0	0
Auto and Motorcycle Passengers	24,924	6,672
Autos and Motorcycles	22,726	6,567
Average Auto Occupancy (Includes Motorcycles)	1.10	1.02

U.S. 50 Westbound between Md. 197 (Collington Road) and Md. 704 (M. L. King, Jr. Highway)

HOV Lane Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
5:00 - 5:15	12	11	5	0	1.86	3.80	1	29	54	0	0	0	0	54	0	29	0	0	0	
5:15 - 5:30	71	0	0	2	1.30	12.00	0	73	95	0	3	0	109	204	0	76	0	0	0	
5:30 - 5:45	21	2	0	0	1.08	0.00	2	25	27	1	3	36	110	173	0	29	0	0	0	
5:45 - 6:00	21	1	0	1	1.52	12.00	0	23	35	2	1	63	37	135	0	26	0	0	0	
6:00 - 6:15	29	18	1	2	1.82	9.00	1	51	93	0	2	0	73	166	0	53	0	0	0	
6:15 - 6:30	108	47	0	0	1.30	0.00	3	158	205	2	1	46	36	287	0	161	0	0	0	
6:30 - 6:45	0	176	0	0	1.99	0.00	2	178	354	1	2	28	73	455	0	181	0	0	0	
6:45 - 7:00	14	229	0	0	1.93	0.00	4	247	476	1	4	28	147	651	0	252	0	0	0	
7:00 - 7:15	12	334	1	0	1.96	3.00	3	350	686	0	3	0	111	797	0	353	0	0	0	
7:15 - 7:30	7	182	0	0	1.96	0.00	0	189	371	2	2	49	72	492	0	193	0	0	0	
7:30 - 7:45	45	24	1	0	1.36	3.00	2	72	98	2	2	54	73	225	0	76	0	0	0	
7:45 - 8:00	33	9	1	0	1.26	3.00	0	43	54	1	3	38	110	202	0	47	0	0	0	
8:00 - 8:15	15	16	0	0	1.52	0.00	0	31	47	1	1	12	37	96	0	33	0	0	0	
8:15 - 8:30	30	24	0	0	1.42	0.00	3	57	81	2	1	61	37	179	0	60	0	0	0	
8:30 - 8:45	21	29	0	0	1.56	0.00	2	52	81	1	0	28	0	109	1	54	0	0	0	
8:45 - 9:00	6	77	0	0	1.90	0.00	3	86	163	1	0	22	0	185	0	87	0	0	0	
9:00 - 9:15	1	37	0	0	1.95	0.00	1	39	76	1	0	18	0	94	0	40	0	0	0	
9:15 - 9:30	2	28	0	0	1.90	0.00	1	31	59	0	0	0	0	59	0	31	0	0	0	
9:30 - 9:45	0	16	0	0	1.94	0.00	1	17	33	1	0	10	0	43	0	18	0	0	0	
9:45 - 10:00	0	15	0	0	1.94	0.00	1	16	31	0	0	0	0	31	0	16	0	0	0	

5-Hour Totals

Vehicles	448	1,275	9	5	N/A	N/A	30	1,767	3,119	19	28	493	1,025	4,637	1	1,815	0	0	0
Persons	448	2,550	31	60			30												

U.S. 50 HOV Restricted

	5 Hours	Period 24/7 (7:30 AM - 8:30 AM)	Peak Hour
Highway Passengers	4,637		702
Rail Passengers	0		0
Auto and Motorcycle Passengers	3,119		280
Autos and Motorcycles	1,767		203
Average Auto Occupancy (Includes Motorcycles)	1.77		1.38

U.S. 50 Westbound between Md. 197 (Collington Road) and Md. 704 (M. L. King, Jr. Highway)

Non-HOV Lane Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit			Other	+Bus Passengers						
5:00 - 5:15	73	1	1	0	1.04	3.00	0	75	78	0	0	0	0	0	78	0	75	0	0	
5:15 - 5:30	968	21	0	0	1.02	0.00	0	989	1,010	0	1	0	0	0	1,010	1	991	0	0	
5:30 - 5:45	1,091	4	0	0	1.00	0.00	0	1,095	1,099	0	1	0	0	0	1,099	0	1,096	0	0	
5:45 - 6:00	980	34	0	0	1.03	0.00	2	1,016	1,050	0	1	0	0	0	1,050	0	1,017	0	0	
6:00 - 6:15	1,112	17	0	3	1.04	12.00	0	1,132	1,182	0	3	0	0	0	1,182	1	1,136	0	0	
6:15 - 6:30	881	29	0	7	1.12	12.00	0	917	1,023	0	5	0	0	0	1,023	1	923	0	0	
6:30 - 6:45	1,009	34	2	9	1.13	10.36	0	1,054	1,191	0	6	0	0	0	1,191	5	1,065	0	0	
6:45 - 7:00	1,168	26	5	2	1.05	6.00	0	1,201	1,262	0	7	0	0	0	1,262	2	1,210	0	0	
7:00 - 7:15	986	27	1	2	1.05	9.00	1	1,017	1,068	0	7	0	0	0	1,068	2	1,026	0	0	
7:15 - 7:30	1,223	39	0	6	1.08	12.00	0	1,268	1,373	0	7	0	0	0	1,373	2	1,277	0	0	
7:30 - 7:45	1,572	2	0	0	1.00	0.00	2	1,576	1,578	0	1	0	0	0	1,578	1	1,578	0	0	
7:45 - 8:00	1,808	11	0	0	1.01	0.00	0	1,819	1,830	0	3	0	0	0	1,830	3	1,825	0	0	
8:00 - 8:15	1,506	4	0	0	1.00	0.00	0	1,510	1,514	0	6	0	0	0	1,514	2	1,518	0	0	
8:15 - 8:30	1,457	0	0	1	1.01	12.00	1	1,459	1,470	0	5	0	0	0	1,470	2	1,466	0	0	
8:30 - 8:45	1,310	7	0	1	1.01	12.00	0	1,318	1,336	0	3	0	0	0	1,336	2	1,323	0	0	
8:45 - 9:00	755	7	1	2	1.04	9.00	0	765	796	0	13	0	0	0	796	0	778	0	0	
9:00 - 9:15	737	26	2	2	1.07	7.50	1	768	820	0	3	0	0	0	820	10	781	0	0	
9:15 - 9:30	680	37	2	1	1.07	6.33	0	720	773	0	4	0	0	0	773	2	726	0	0	
9:30 - 9:45	698	38	1	2	1.09	10.33	0	739	805	0	4	0	0	0	805	8	751	0	0	
9:45 - 10:00	504	15	0	1	1.05	12.00	1	521	547	0	1	0	0	0	547	8	530	0	0	

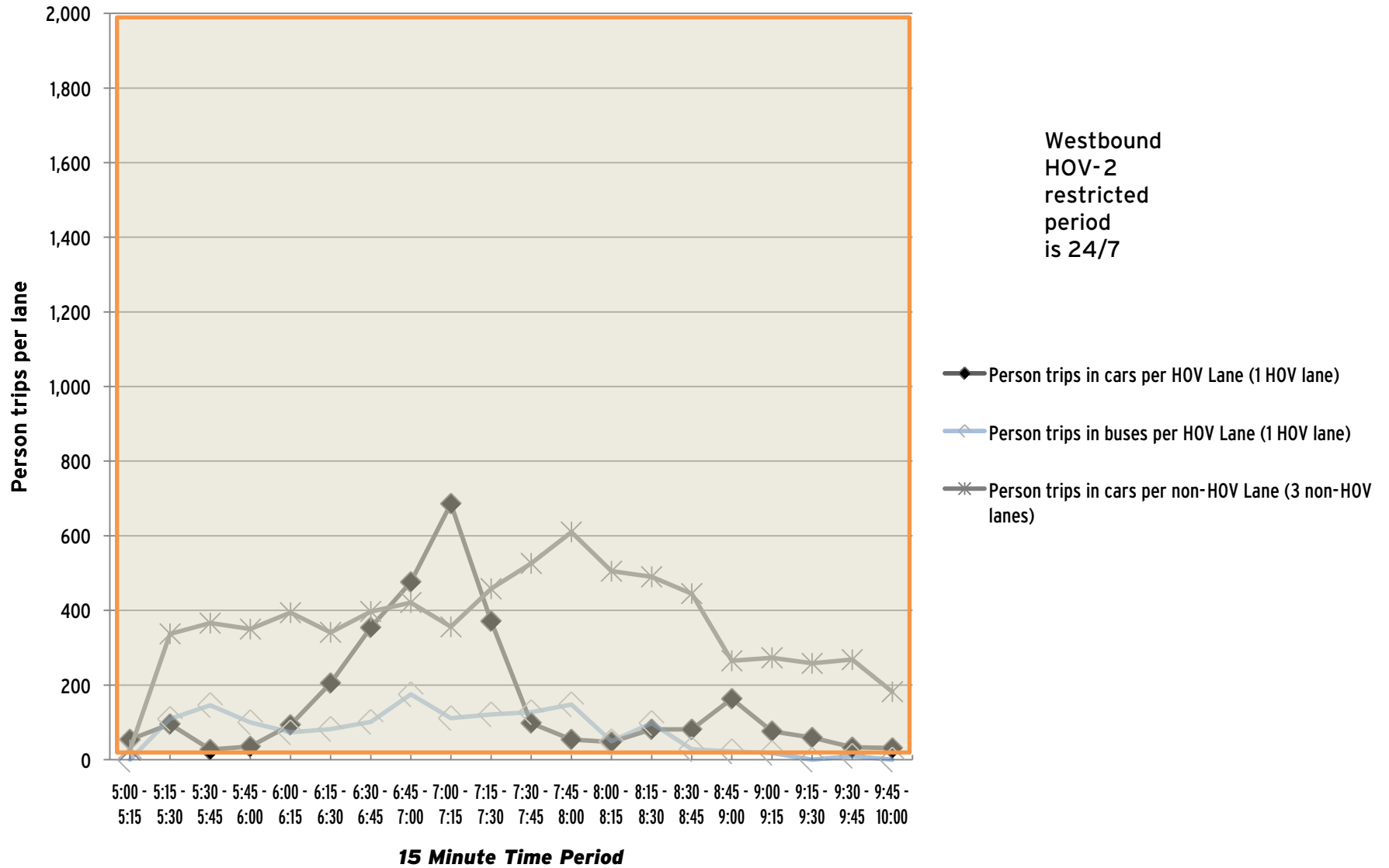
5-Hour Totals

Vehicles	20,518	379	15	39	N/A	N/A	8	20,959	21,805	0	81	0	0	21,805	52	21,092	0	0
Persons	20,518	758	53	468			8											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	21,805	6,392
Rail Passengers	0	0
Auto and Motorcycle Passengers	21,805	6,392
Autos and Motorcycles	20,959	6,364
Average Auto Occupancy (Includes Motorcycles)	1.04	1.00

**U.S. 50 (John Hanson Highway) Westbound
Md. 197 (Collington Road) and Md. 704 (Martin Luther King Highway)
Observed person trips per lane by 15 minute interval**



U.S. 50 Westbound between Md. 704 (M. L. King, Jr. Highway) and I-95/I-495
 All Lanes Total
 Spring 2010 - 20 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	+ MC Riders			Transit	Other	+Bus Passengers	+Bus Passengers				
5:00 - 5:15	392	0	1	0	1.01	6.00	1	394	399	0	1	0	37	436	0	395	0	0	0	
5:15 - 5:30	733	3	0	1	1.02	12.00	3	740	754	0	3	0	111	865	0	743	0	0	0	
5:30 - 5:45	907	7	1	0	1.01	3.00	1	916	925	1	3	36	111	1,072	4	924	0	0	0	
5:45 - 6:00	1,037	34	4	0	1.04	3.25	6	1,081	1,124	2	1	63	37	1,224	2	1,086	0	0	0	
6:00 - 6:15	1,145	107	6	1	1.10	4.29	6	1,265	1,395	0	2	0	74	1,469	3	1,270	0	0	0	
6:15 - 6:30	1,422	98	1	9	1.13	11.10	7	1,537	1,736	2	1	46	37	1,819	7	1,547	0	0	0	
6:30 - 6:45	1,469	84	4	4	1.09	7.50	7	1,568	1,704	1	2	28	74	1,806	3	1,574	0	0	0	
6:45 - 7:00	1,454	103	9	3	1.10	5.25	3	1,572	1,726	1	4	28	148	1,902	1	1,578	0	0	0	
7:00 - 7:15	1,495	97	4	3	1.09	8.14	5	1,604	1,751	0	3	0	111	1,862	5	1,612	0	0	0	
7:15 - 7:30	1,630	85	1	2	1.06	9.00	8	1,726	1,835	2	2	49	74	1,958	4	1,734	0	0	0	
7:30 - 7:45	1,624	86	1	0	1.05	3.00	1	1,712	1,800	2	2	54	74	1,928	2	1,718	0	0	0	
7:45 - 8:00	1,593	79	0	1	1.05	12.00	6	1,679	1,769	1	3	38	111	1,918	2	1,685	0	0	0	
8:00 - 8:15	1,558	66	1	0	1.04	6.00	2	1,627	1,698	1	2	12	74	1,784	2	1,632	0	0	0	
8:15 - 8:30	1,487	38	1	0	1.03	3.00	3	1,529	1,569	2	1	61	37	1,667	2	1,534	0	0	0	
8:30 - 8:45	1,358	59	3	1	1.05	5.50	6	1,427	1,504	1	3	28	111	1,643	3	1,434	0	0	0	
8:45 - 9:00	1,267	55	0	4	1.07	12.00	6	1,332	1,431	1	0	22	0	1,453	2	1,335	0	0	0	
9:00 - 9:15	1,167	62	0	2	1.07	12.00	2	1,233	1,317	1	1	18	37	1,372	9	1,244	0	0	0	
9:15 - 9:30	944	127	6	3	1.16	6.00	6	1,086	1,258	0	0	0	0	1,258	5	1,091	0	0	0	
9:30 - 9:45	896	128	8	2	1.16	4.80	2	1,036	1,202	1	0	10	0	1,212	10	1,047	0	0	0	
9:45 - 10:00	839	47	0	1	1.07	12.00	1	888	946	0	0	0	0	946	0	888	0	0	0	

1,734

5-Hour Totals

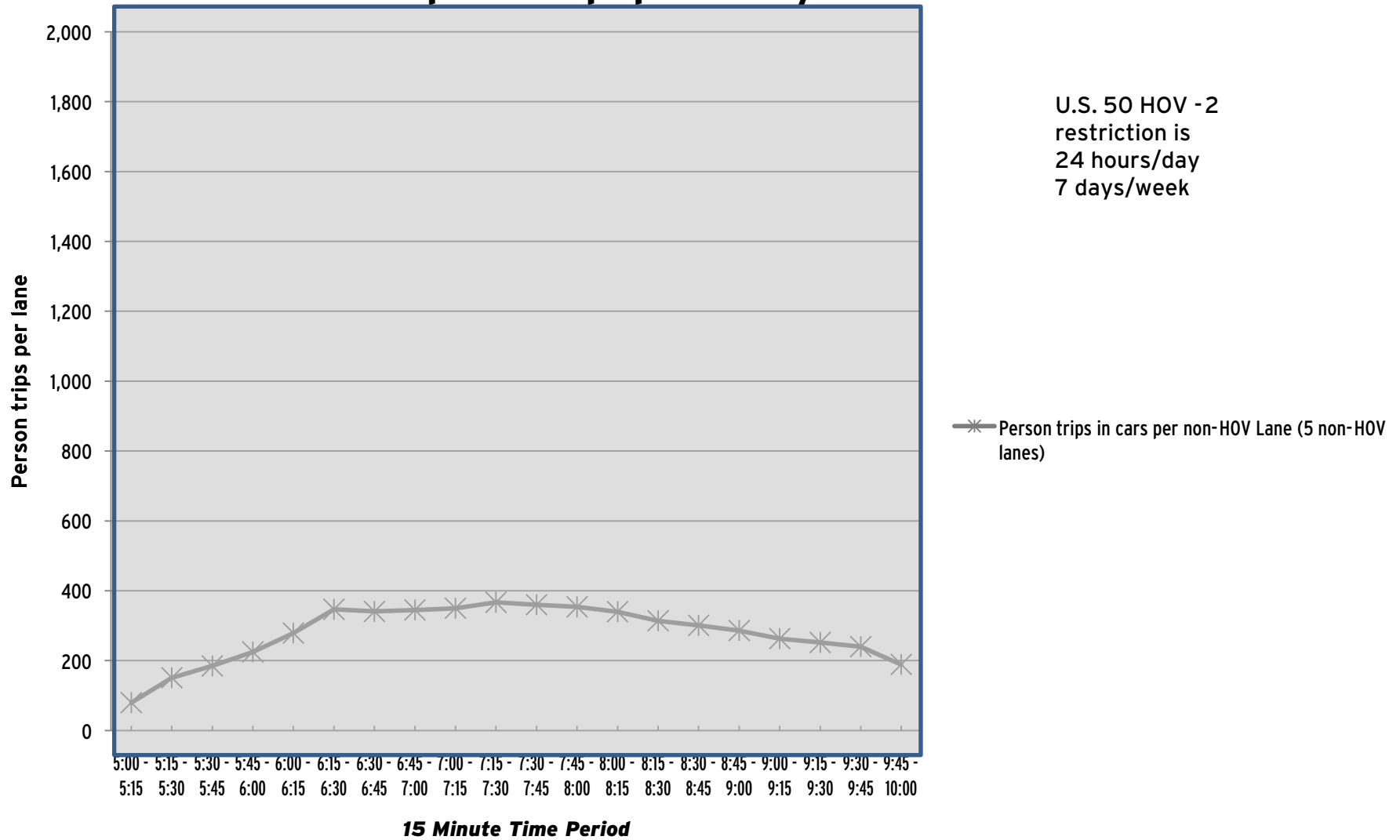
Vehicles	24,417	1,365	51	37	N/A	N/A	82	25,952	27,843	19	34	493	1,258	29,594	66	27,805	0	0	0
Persons	24,417	2,730	170	444			82												

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	29,594	7,528
Rail Passengers	0	0
Auto and Motorcycle Passengers	27,843	7,102
Autos and Motorcycles	25,952	6,744
Average Auto Occupancy (Includes Motorcycles)	1.07	1.05

**U.S. 50 Westbound between
Md. 704 (Martin Luther King Highway) and I-95/I-495
A.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

U.S. 50 HOV -2
restriction is
24 hours/day
7 days/week



U.S. 50 Westbound between New Carrollton and Md. 410
 All Lanes Total
 Spring 2010 - 20 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
5:00 - 5:15	2	4	6	0	2.33	3.00	0	12	28	0	0	0	0	28	0	12	0	0	
5:15 - 5:30	348	6	0	0	1.02	0.00	1	355	361	0	3	0	111	472	1	359	0	0	
5:30 - 5:45	660	7	0	0	1.01	0.00	0	667	674	0	3	0	111	785	3	673	0	0	
5:45 - 6:00	655	1	0	0	1.00	0.00	2	658	659	0	1	0	37	696	5	664	659	0	
6:00 - 6:15	907	14	1	5	1.08	10.50	4	931	1,002	0	2	0	74	1,076	6	939	0	0	
6:15 - 6:30	989	44	4	7	1.13	9.00	3	1,047	1,179	0	2	0	74	1,253	7	1,056	0	0	
6:30 - 6:45	964	27	3	7	1.11	9.30	1	1,002	1,112	0	2	0	74	1,186	1	1,005	0	0	
6:45 - 7:00	748	9	1	4	1.07	10.20	1	763	818	0	4	0	148	966	2	769	1,736	0	
7:00 - 7:15	972	18	1	2	1.04	9.33	0	993	1,036	0	3	0	111	1,147	6	1,002	0	0	
7:15 - 7:30	1,151	3	0	0	1.00	0.00	2	1,156	1,159	0	2	0	74	1,233	4	1,162	1,189	0	
7:30 - 7:45	1,101	2	0	1	1.01	12.00	0	1,104	1,117	0	2	0	74	1,191	5	1,111	0	0	
7:45 - 8:00	1,012	5	0	0	1.00	0.00	1	1,018	1,023	0	3	0	111	1,134	4	1,025	1,311	0	
8:00 - 8:15	829	9	0	1	1.02	12.00	0	839	859	0	1	0	37	896	5	845	0	0	
8:15 - 8:30	919	56	4	0	1.07	3.00	1	980	1,044	0	1	0	37	1,081	7	988	1,047	0	
8:30 - 8:45	944	50	2	1	1.07	6.00	0	997	1,062	0	0	0	0	1,062	9	1,006	0	0	
8:45 - 9:00	811	25	2	3	1.07	8.60	1	842	905	0	0	0	0	905	8	850	707	0	
9:00 - 9:15	758	26	5	8	1.16	8.62	0	797	922	0	2	0	74	996	3	802	0	0	
9:15 - 9:30	735	26	1	8	1.15	11.00	2	772	888	0	1	0	37	925	2	775	0	0	
9:30 - 9:45	693	1	3	8	1.14	9.82	0	705	803	0	0	0	0	803	13	718	0	0	
9:45 - 10:00	631	4	1	2	1.04	9.00	3	641	669	0	0	0	0	669	1	642	0	0	

5-Hour Totals

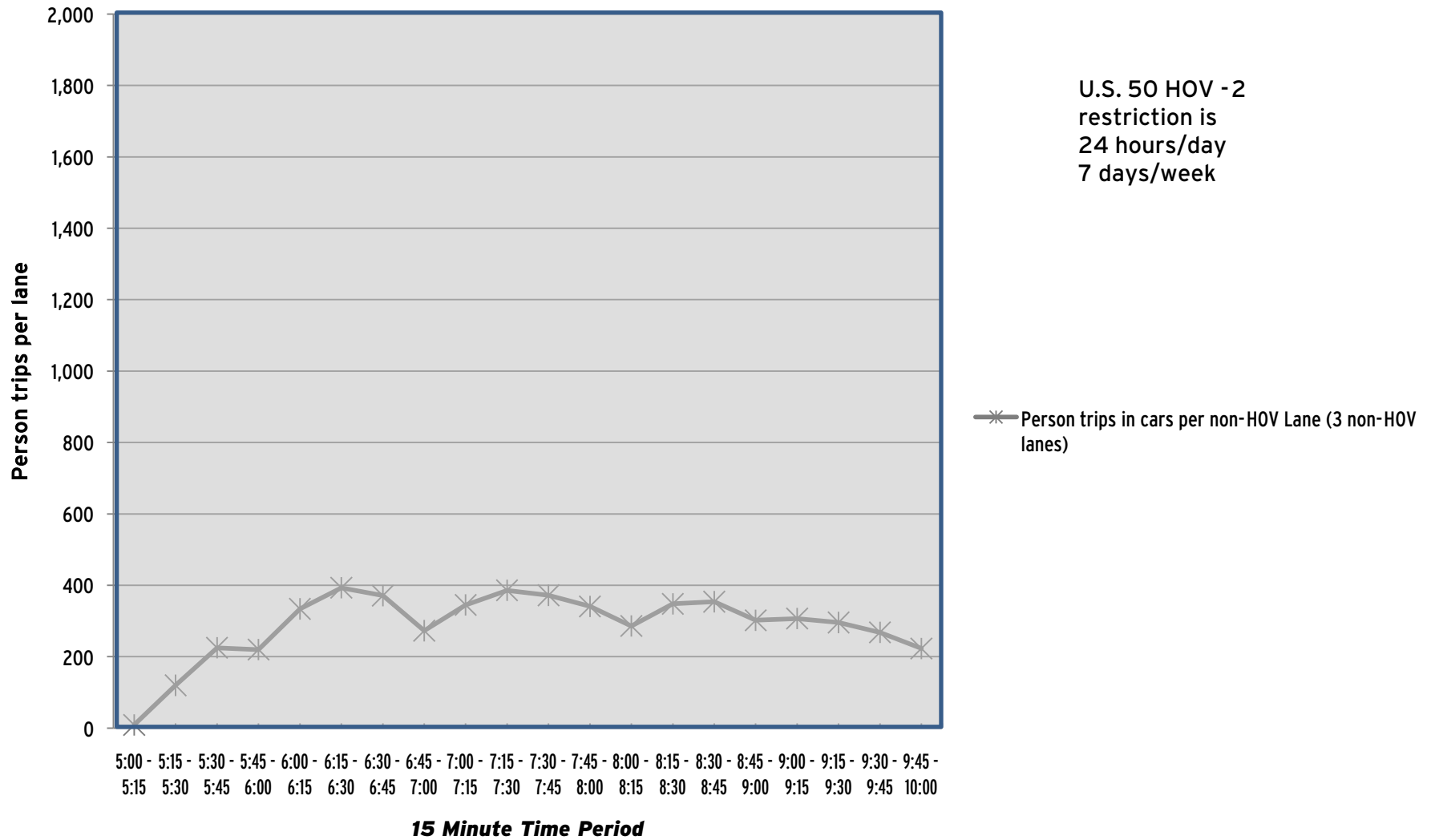
Vehicles	15,829	337	34	57	N/A	N/A	22	16,279	17,320	0	32	0	1,184	18,504	92	16,403	6,649	0
Persons	15,829	674	111	684			22											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	18,504	4,705
Rail Passengers	6,649	2,500 <i>Rail system patronage 5 AM to 9 AM only</i>
Auto and Motorcycle Passengers	17,320	4,335
Autos and Motorcycles	16,279	4,271
Average Auto Occupancy (Includes Motorcycles)	1.06	1.01

**U.S. 50 Westbound between
I-95/I-495 and Md. 410 (East West Highway)
A.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

U.S. 50 HOV -2
restriction is
24 hours/day
7 days/week



U.S. 50 Eastbound (off-peak-flow) between Md. 704 (M. L. King, Jr. Highway) and Md. 197 (Collington Road)

All Lanes Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
5:00 - 5:15	3	3	3	0	2.00	3.00	0	9	18	0	0	0	0	18	0	9	0	0	0	
5:15 - 5:30	150	10	0	0	1.06	0.00	0	160	170	0	3	0	37	207	2	165	0	0	0	
5:30 - 5:45	176	27	2	0	1.16	3.50	0	205	237	0	4	0	74	311	1	210	0	0	0	
5:45 - 6:00	227	33	2	0	1.15	3.50	0	262	300	0	2	0	37	337	1	265	0	0	0	
6:00 - 6:15	178	36	5	2	1.31	5.57	0	221	289	1	8	3	111	403	1	231	0	0	0	
6:15 - 6:30	330	41	7	3	1.24	6.10	1	382	474	0	3	0	111	585	1	386	0	0	0	
6:30 - 6:45	398	68	10	6	1.33	6.75	0	482	642	1	3	4	111	757	2	488	0	0	0	
6:45 - 7:00	381	30	6	0	1.11	3.50	0	417	462	1	4	5	148	615	3	425	0	0	0	
7:00 - 7:15	374	32	2	4	1.20	9.17	0	412	493	1	5	6	148	647	0	418	0	0	0	
7:15 - 7:30	452	29	1	1	1.09	7.50	0	483	525	2	5	24	148	697	1	491	0	0	0	
7:30 - 7:45	501	47	0	0	1.09	0.00	1	549	596	0	6	0	148	744	3	558	0	0	0	
7:45 - 8:00	586	29	0	2	1.08	12.00	0	617	668	1	5	19	148	835	7	630	0	0	0	
8:00 - 8:15	510	37	0	1	1.09	12.00	0	548	596	1	4	3	74	673	3	556	0	0	0	
8:15 - 8:30	480	19	0	0	1.04	0.00	0	499	518	0	5	0	111	629	3	507	0	0	0	
8:30 - 8:45	453	21	1	1	1.07	8.00	0	476	511	1	5	14	37	562	4	486	0	0	0	
8:45 - 9:00	502	23	1	4	1.13	10.20	0	530	599	0	1	0	37	636	1	532	0	0	0	
9:00 - 9:15	458	20	1	1	1.07	7.50	0	480	513	0	3	0	0	513	0	483	0	0	0	
9:15 - 9:30	439	23	1	0	1.05	3.00	0	463	488	0	1	0	0	488	0	464	0	0	0	
9:30 - 9:45	404	12	1	3	1.11	9.75	0	420	467	0	0	0	0	467	0	420	0	0	0	
9:45 - 10:00	437	24	0	2	1.10	12.00	0	463	509	0	1	0	0	509	0	464	0	0	0	

5-Hour Totals

Vehicles	7,439	564	43	30	N/A	N/A	2	8,078	9,075	9	68	78	1,480	10,633	33	8,188	0	0
Persons	7,439	1,128	146	360			2											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	10,633	2,881
Rail Passengers	0	0
Auto and Motorcycle Passengers	9,075	2,378
Autos and Motorcycles	8,078	2,213
Average Auto Occupancy (Includes Motorcycles)	1.12	1.07

U.S. 50 Eastbound (off-peak-flow) between Md. 704 (M. L. King, Jr. Highway) and Md. 197 (Collington Road)

HOV Lane Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0	0	
5:15 - 5:30	0	7	0	0	2.00	0.00	0	7	14	0	1	0	37	51	0	8	0	0	0	
5:30 - 5:45	0	1	0	0	2.00	0.00	0	1	2	0	2	0	74	76	0	3	0	0	0	
5:45 - 6:00	0	1	0	0	2.00	0.00	0	1	2	0	1	0	37	39	0	2	0	0	0	
6:00 - 6:15	1	2	0	0	1.67	0.00	0	3	5	1	3	3	111	119	0	7	0	0	0	
6:15 - 6:30	5	0	0	0	1.00	0.00	1	6	6	0	3	0	111	117	0	9	0	0	0	
6:30 - 6:45	8	6	1	0	1.53	3.00	0	15	23	1	3	4	111	138	0	19	0	0	0	
6:45 - 7:00	5	11	0	0	1.69	0.00	0	16	27	1	4	5	148	180	0	21	0	0	0	
7:00 - 7:15	2	6	0	0	1.75	0.00	0	8	14	1	4	6	148	168	0	13	0	0	0	
7:15 - 7:30	2	6	0	0	1.75	0.00	0	8	14	2	4	24	148	186	0	14	0	0	0	
7:30 - 7:45	0	16	0	0	2.00	0.00	0	16	32	0	4	0	148	180	0	20	0	0	0	
7:45 - 8:00	0	15	0	0	2.00	0.00	0	15	30	1	4	19	148	197	0	20	0	0	0	
8:00 - 8:15	0	10	0	0	2.00	0.00	0	10	20	1	2	3	74	97	0	13	0	0	0	
8:15 - 8:30	0	7	0	0	2.00	0.00	0	7	14	0	3	0	111	125	0	10	0	0	0	
8:30 - 8:45	3	7	0	0	1.70	0.00	0	10	17	1	1	14	37	68	0	12	0	0	0	
8:45 - 9:00	11	3	0	0	1.21	0.00	0	14	17	0	1	0	37	54	0	15	0	0	0	
9:00 - 9:15	7	5	0	1	2.23	12.00	0	13	29	0	0	0	0	29	0	13	0	0	0	
9:15 - 9:30	10	9	0	0	1.47	0.00	0	19	28	0	0	0	0	28	0	19	0	0	0	
9:30 - 9:45	11	8	0	0	1.42	0.00	0	19	27	0	0	0	0	27	0	19	0	0	0	
9:45 - 10:00	6	5	0	0	1.45	0.00	0	11	16	0	0	0	0	16	0	11	0	0	0	

5-Hour Totals

Vehicles	72	126	2	1	N/A	N/A	1	202	343	9	40	78	1,480	1,901	0	251	0	0
Persons	72	252	6	12			1											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	1,901	599
Rail Passengers	0	0
Auto and Motorcycle Passengers	343	96
Autos and Motorcycles	202	48
Average Auto Occupancy (Includes Motorcycles)	1.70	2.00

U.S. 50 Eastbound (off-peak-flow) between Md. 704 (M. L. King, Jr. Highway) and Md. 197 (Collington Road)

Non-HOV Lane Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	2	2	2	0	2.00	3.00	0	6	12	0	0	0	0	12	0	6	0	0		
5:15 - 5:30	150	3	0	0	1.02	0.00	0	153	156	0	2	0	0	156	2	157	0	0		
5:30 - 5:45	176	26	2	0	1.15	3.50	0	204	235	0	2	0	0	235	1	207	0	0		
5:45 - 6:00	227	32	2	0	1.14	3.50	0	261	298	0	1	0	0	298	1	263	0	0		
6:00 - 6:15	177	34	5	2	1.30	5.57	0	218	284	0	5	0	0	284	1	224	0	0		
6:15 - 6:30	325	41	7	3	1.24	6.10	0	376	468	0	0	0	0	468	1	377	0	0		
6:30 - 6:45	390	62	9	6	1.33	7.00	0	467	619	0	0	0	0	619	2	469	0	0		
6:45 - 7:00	376	19	6	0	1.08	3.50	0	401	435	0	0	0	0	435	3	404	0	0		
7:00 - 7:15	372	26	2	4	1.19	9.17	0	404	479	0	1	0	0	479	0	405	0	0		
7:15 - 7:30	450	23	1	1	1.08	7.50	0	475	511	0	1	0	0	511	1	477	0	0		
7:30 - 7:45	501	31	0	0	1.06	0.00	1	533	564	0	2	0	0	564	3	538	0	0		
7:45 - 8:00	586	14	0	2	1.06	12.00	0	602	638	0	1	0	0	638	7	610	0	0		
8:00 - 8:15	510	27	0	1	1.07	12.00	0	538	576	0	2	0	0	576	3	543	0	0		
8:15 - 8:30	480	12	0	0	1.02	0.00	0	492	504	0	2	0	0	504	3	497	0	0		
8:30 - 8:45	450	14	1	1	1.06	8.00	0	466	494	0	4	0	0	494	4	474	0	0		
8:45 - 9:00	491	20	1	4	1.13	10.20	0	516	582	0	0	0	0	582	1	517	0	0		
9:00 - 9:15	451	15	1	0	1.04	3.00	0	467	484	0	3	0	0	484	0	470	0	0		
9:15 - 9:30	429	14	1	0	1.04	3.00	0	444	460	0	1	0	0	460	0	445	0	0		
9:30 - 9:45	393	4	1	3	1.10	9.75	0	401	440	0	0	0	0	440	0	401	0	0		
9:45 - 10:00	431	19	0	2	1.09	12.00	0	452	493	0	1	0	0	493	0	453	0	0		

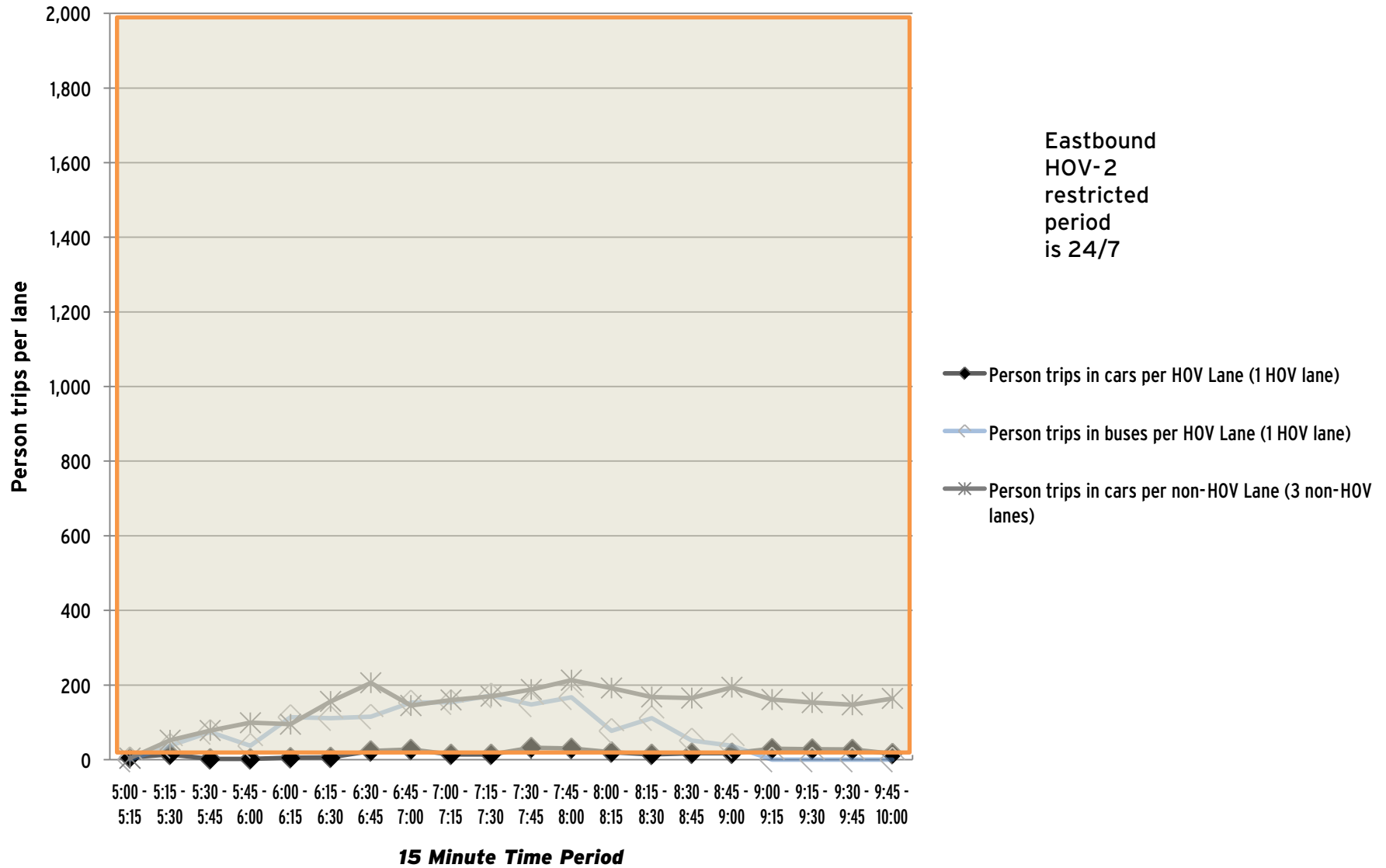
5-Hour Totals

Vehicles	7,367	438	41	29	N/A	N/A	1	7,876	8,732	0	28	0	0	8,732	33	7,937	0	0
Persons	7,367	876	140	348			1											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	8,732	2,282
Rail Passengers	0	0
Auto and Motorcycle Passengers	8,732	2,282
Autos and Motorcycles	7,876	2,165
Average Auto Occupancy (Includes Motorcycles)	1.11	1.05

**U.S. 50 (John Hanson Highway) Eastbound (OFF-PEAK flow)
Between Md. 704 (Martin Luther King Highway) and Md. 197 (Collington Road)
Observed person trips per lane by 15 minute interval**



U.S. 50 Eastbound (off-peak-flow) between Md. 197 (Collington Road) and U.S. 301/Md. 3 (Crain Highway)

All Lanes Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
5:00 - 5:15	2	2	2	0	2.00	3.00	0	6	12	0	0	0	0	12	0	6	0	0	0	
5:15 - 5:30	1	4	1	0	2.00	3.00	0	6	12	0	1	0	37	49	0	7	0	0	0	
5:30 - 5:45	117	36	1	0	1.25	3.00	0	154	192	0	3	0	74	266	0	157	0	0	0	
5:45 - 6:00	164	27	0	2	1.25	12.00	0	193	242	0	2	0	37	279	0	195	0	0	0	
6:00 - 6:15	156	30	1	2	1.29	9.00	0	189	243	0	4	0	111	354	0	193	0	0	0	
6:15 - 6:30	262	59	0	2	1.25	12.00	0	323	404	0	5	0	111	515	0	328	0	0	0	
6:30 - 6:45	295	84	0	1	1.25	12.00	0	380	475	0	4	0	111	586	3	387	0	0	0	
6:45 - 7:00	328	59	0	0	1.15	0.00	1	388	447	0	6	0	148	595	0	394	0	0	0	
7:00 - 7:15	295	41	0	1	1.15	12.00	2	339	391	0	5	0	148	539	0	344	0	0	0	
7:15 - 7:30	361	42	0	0	1.10	0.00	1	404	446	0	4	0	148	594	0	408	0	0	0	
7:30 - 7:45	418	67	1	1	1.17	8.00	0	487	568	0	5	0	148	716	3	495	0	0	0	
7:45 - 8:00	443	57	4	0	1.13	3.00	1	505	570	0	4	0	148	718	7	516	0	0	0	
8:00 - 8:15	382	50	2	1	1.15	6.33	1	436	502	0	4	0	74	576	2	442	0	0	0	
8:15 - 8:30	424	41	2	0	1.10	3.00	0	467	512	0	3	0	111	623	1	471	0	0	0	
8:30 - 8:45	393	45	3	1	1.14	5.25	1	443	505	0	2	0	37	542	5	450	0	0	0	
8:45 - 9:00	410	40	0	0	1.09	0.00	4	454	494	0	6	0	37	531	3	463	0	0	0	
9:00 - 9:15	303	25	0	0	1.08	0.00	0	328	353	0	2	0	0	353	0	330	0	0	0	
9:15 - 9:30	321	34	0	0	1.10	0.00	1	356	390	0	3	0	0	390	0	359	0	0	0	
9:30 - 9:45	349	55	0	0	1.14	0.00	3	407	462	0	2	0	0	462	0	409	0	0	0	
9:45 - 10:00	335	63	0	0	1.16	0.00	2	400	463	0	2	0	0	463	1	403	0	0	0	

5-Hour Totals

Vehicles	5,759	861	17	11	N/A	N/A	17	6,665	7,683	0	67	0	1,480	9,163	25	6,757	0	0
Persons	5,759	1,722	53	132			17											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	9,163	2,633
Rail Passengers	0	0
Auto and Motorcycle Passengers	7,683	2,152
Autos and Motorcycles	6,665	1,895
Average Auto Occupancy (Includes Motorcycles)	1.15	1.14

U.S. 50 Eastbound (off-peak-flow) between Md. 197 (Collington Road) and U.S. 301/Md. 3 (Crain Highway)

HOV Lane Total
Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0	0	
5:15 - 5:30	0	3	0	0	2.00	0.00	0	3	6	0	1	0	37	43	0	4	0	0	0	
5:30 - 5:45	0	1	1	0	2.50	3.00	0	2	5	0	2	0	74	79	0	4	0	0	0	
5:45 - 6:00	0	2	0	0	2.00	0.00	0	2	4	0	1	0	37	41	0	3	0	0	0	
6:00 - 6:15	0	1	0	0	2.00	0.00	0	1	2	0	3	0	111	113	0	4	0	0	0	
6:15 - 6:30	1	1	0	0	1.50	0.00	0	2	3	0	3	0	111	114	0	5	0	0	0	
6:30 - 6:45	1	4	0	0	1.80	0.00	0	5	9	0	3	0	111	120	3	11	0	0	0	
6:45 - 7:00	0	1	0	0	1.50	0.00	1	2	3	0	4	0	148	151	0	6	0	0	0	
7:00 - 7:15	0	7	0	0	2.00	0.00	0	7	14	0	4	0	148	162	0	11	0	0	0	
7:15 - 7:30	1	5	0	0	1.83	0.00	0	6	11	0	4	0	148	159	0	10	0	0	0	
7:30 - 7:45	0	2	1	0	2.67	4.00	0	3	8	0	4	0	148	156	0	7	0	0	0	
7:45 - 8:00	0	4	3	0	2.25	3.00	1	8	18	0	4	0	148	166	1	13	0	0	0	
8:00 - 8:15	0	0	2	0	3.50	3.50	0	2	7	0	2	0	74	81	0	4	0	0	0	
8:15 - 8:30	0	1	1	0	2.50	3.00	0	2	5	0	3	0	111	116	0	5	0	0	0	
8:30 - 8:45	1	7	2	0	2.10	3.00	0	10	21	0	1	0	37	58	1	12	0	0	0	
8:45 - 9:00	1	12	0	0	1.92	0.00	0	13	25	0	1	0	37	62	2	16	0	0	0	
9:00 - 9:15	2	4	0	0	1.67	0.00	0	6	10	0	0	0	0	10	0	6	0	0	0	
9:15 - 9:30	0	4	0	0	2.00	0.00	0	4	8	0	0	0	0	8	0	4	0	0	0	
9:30 - 9:45	0	9	0	0	1.90	0.00	1	10	19	0	0	0	0	19	0	10	0	0	0	
9:45 - 10:00	0	11	0	0	2.00	0.00	0	11	22	0	0	0	0	22	1	12	0	0	0	

5-Hour Totals

Vehicles	8	80	11	0	N/A	N/A	3	102	206	0	40	0	1,480	1,686	8	150	0	0
Persons	8	160	35	0			3											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	1,686	519
Rail Passengers	0	0
Auto and Motorcycle Passengers	206	38
Autos and Motorcycles	102	15
Average Auto Occupancy (Includes Motorcycles)	2.02	2.53

U.S. 50 Eastbound (off-peak-flow) between Md. 197 (Collington Road) and U.S. 301/Md. 3 (Crain Highway)

Non-HOV Lane Total

Spring 2010 - 19 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
5:00 - 5:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0		
5:15 - 5:30	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0		
5:30 - 5:45	117	35	0	0	1.23	0.00	0	152	187	0	1	0	0	187	0	153	0	0		
5:45 - 6:00	164	25	0	2	1.25	12.00	0	191	238	0	1	0	0	238	0	192	0	0		
6:00 - 6:15	156	29	1	2	1.28	9.00	0	188	241	0	1	0	0	241	0	189	0	0		
6:15 - 6:30	261	58	0	2	1.25	12.00	0	321	401	0	2	0	0	401	0	323	0	0		
6:30 - 6:45	294	80	0	1	1.24	12.00	0	375	466	0	1	0	0	466	0	376	0	0		
6:45 - 7:00	328	58	0	0	1.15	0.00	0	386	444	0	2	0	0	444	0	388	0	0		
7:00 - 7:15	295	34	0	1	1.14	12.00	2	332	377	0	1	0	0	377	0	333	0	0		
7:15 - 7:30	360	37	0	0	1.09	0.00	1	398	435	0	0	0	0	435	0	398	0	0		
7:30 - 7:45	418	65	0	1	1.16	12.00	0	484	560	0	1	0	0	560	3	488	0	0		
7:45 - 8:00	443	53	1	0	1.11	3.00	0	497	552	0	0	0	0	552	6	503	0	0		
8:00 - 8:15	382	50	0	1	1.14	12.00	1	434	495	0	2	0	0	495	2	438	0	0		
8:15 - 8:30	424	40	1	0	1.09	3.00	0	465	507	0	0	0	0	507	1	466	0	0		
8:30 - 8:45	392	38	1	1	1.12	7.50	1	433	484	0	1	0	0	484	4	438	0	0		
8:45 - 9:00	409	28	0	0	1.06	0.00	4	441	469	0	5	0	0	469	1	447	0	0		
9:00 - 9:15	301	21	0	0	1.07	0.00	0	322	343	0	2	0	0	343	0	324	0	0		
9:15 - 9:30	321	30	0	0	1.09	0.00	1	352	382	0	3	0	0	382	0	355	0	0		
9:30 - 9:45	349	46	0	0	1.12	0.00	2	397	443	0	2	0	0	443	0	399	0	0		
9:45 - 10:00	335	52	0	0	1.13	0.00	2	389	441	0	2	0	0	441	0	391	0	0		

5-Hour Totals

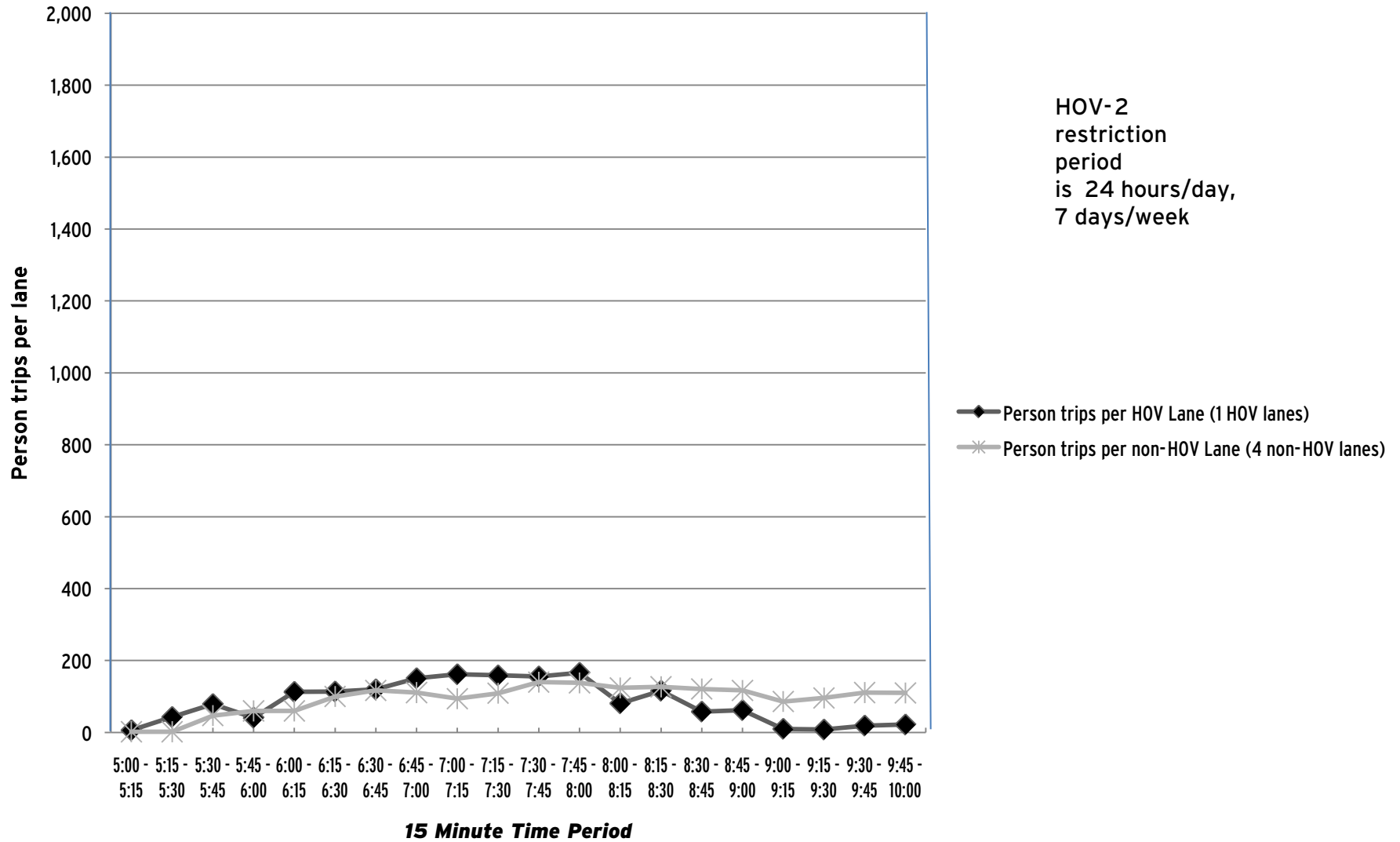
Vehicles	5,751	781	6	11	N/A	N/A	14	6,563	7,477	0	27	0	0	7,477	17	6,607	0	0
Persons	5,751	1,562	18	132			14											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	7,477	2,114
Rail Passengers	0	0
Auto and Motorcycle Passengers	7,477	2,114
Autos and Motorcycles	6,563	1,880
Average Auto Occupancy (Includes Motorcycles)	1.14	1.12

**U.S. 50 eastbound (OFF-PEAK FLOW) between
Md. 197 (Collington Rd.) and Md. 3/U.S. 301
Spring 2010
Observed person trips per lane by 15 minute interval**

HOV-2
restriction
period
is 24 hours/day,
7 days/week



APPENDIX B

P.M. HOV OCCUPANCY/CLASSIFICATION COUNTS

I-395 southbound at the Pentagon
 All Lanes Total
 Spring 2010 - 4 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders	Transit	Other	Transit	Other	+ MC Riders	Trucks			
15:00 - 15:15	841	46	3	6	1.13	9.11	4	900	1,019		3	4	0	0	1,019	0	907	0	0
15:15 - 15:30	1,093	66	6	4	1.11	6.70	0	1,169	1,292		3	2	35	0	1,327	0	1,176	0	0
15:30 - 15:45	1,616	109	13	10	1.14	7.13	6	1,754	2,004		2	4	37	41	2,082	16	1,776	0	0
15:45 - 16:00	1,627	146	11	3	1.11	5.00	0	1,787	1,989		3	2	0	41	2,030	17	1,809	0	0
16:00 - 16:15	1,747	140	25	10	1.16	5.66	12	1,934	2,237		5	4	62	82	2,381	37	1,980	0	0
16:15 - 16:30	1,652	211	28	3	1.16	4.32	11	1,905	2,219		9	9	42	41	2,302	20	1,943	2,543	0
16:30 - 16:45	1,577	140	17	4	1.13	4.86	10	1,748	1,969		3	4	70	41	2,080	28	1,783	0	0
16:45 - 17:00	1,595	135	10	4	1.12	5.86	8	1,752	1,955		1	1	0	41	1,996	10	1,764	3,145	0
17:00 - 17:15	2,055	258	20	8	1.16	5.61	5	2,346	2,733		6	4	66	0	2,799	7	2,363	0	0
17:15 - 17:30	2,018	276	13	7	1.16	6.30	7	2,321	2,703		3	3	17	41	2,761	6	2,333	3,702	0
17:30 - 17:45	2,008	260	30	1	1.15	3.42	7	2,306	2,641		4	7	105	41	2,787	12	2,329	0	0
17:45 - 18:00	2,123	301	23	6	1.17	4.90	11	2,464	2,878		3	4	18	82	2,978	7	2,478	3,145	0
18:00 - 18:15	2,017	250	19	3	1.14	4.45	10	2,299	2,625		1	7	34	82	2,741	12	2,320	0	0
18:15 - 18:30	2,080	253	24	2	1.14	3.92	11	2,370	2,699		5	2	59	0	2,758	8	2,385	2,472	0
18:30 - 18:45	1,632	297	34	3	1.21	3.95	1	1,967	2,373		4	6	5	0	2,378	12	1,989	0	0
18:45 - 19:00	1,426	262	34	1	1.20	3.54	4	1,727	2,078		2	13	0	123	2,201	11	1,754	1,452	0
19:00 - 19:15	1,221	195	20	6	1.21	5.35	6	1,448	1,756		2	5	26	0	1,782	13	1,468	0	0
19:15 - 19:30	1,163	306	11	7	1.28	7.11	10	1,497	1,913		2	3	3	41	1,957	7	1,509	0	0
19:30 - 19:45	967	197	30	0	1.22	3.23	2	1,196	1,460		3	2	29	0	1,489	6	1,207	0	0
19:45 - 20:00	653	79	10	0	1.14	3.50	4	746	850		0	2	0	0	850	6	754	0	0

5-Hour Totals																			
Vehicles	31,111	3,927	381	88	N/A	N/A	129	35,636	41,393	64	88	608	697	42,698	235	36,027	16,459	0	0
Persons	31,111	7,854	1,243	1,056			129												

	HOV Restricted		
	Period	Peak Hour	
5 Hours	(3:30 PM - 6:00 PM)	(5:30 PM - 6:30 PM)	
Highway Passengers	42,698	24,196	11,264
Rail Passengers	16,459	12,535	5,617
Auto and Motorcycle Passengers	41,393	23,328	10,843
Autos and Motorcycles	35,636	20,317	9,439
Average Auto Occupancy (Includes Motorcycles)	1.16	1.15	1.15

I-395 southbound at the Pentagon
 HOV Lane Total
 Spring 2010 - 4 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
15:00 - 15:15	2	2	2	0	2.00	3.00	0	6	12	0	0	0	0	12	0	6	0	0		
15:15 - 15:30	2	2	2	0	2.00	3.00	0	6	12	1	0	35	0	47	0	7	0	0		
15:30 - 15:45	372	14	10	6	1.25	6.50	4	406	508	1	1	37	41	586	1	409	0	0		
15:45 - 16:00	390	30	6	0	1.10	3.00	0	426	468	0	1	0	41	509	1	428	0	0		
16:00 - 16:15	488	44	18	4	1.23	4.73	6	560	686	3	2	62	82	830	4	569	0	0		
16:15 - 16:30	622	60	12	2	1.16	4.86	6	702	816	2	1	42	41	899	1	706	0	0		
16:30 - 16:45	602	50	4	4	1.15	7.50	4	664	766	2	1	70	41	877	3	670	0	0		
16:45 - 17:00	892	56	0	4	1.10	12.00	6	958	1,058	0	1	0	41	1,099	2	961	0	0		
17:00 - 17:15	954	62	2	4	1.11	9.00	2	1,024	1,134	2	0	66	0	1,200	0	1,026	0	0		
17:15 - 17:30	906	84	4	6	1.16	8.40	4	1,004	1,162	1	1	17	41	1,220	1	1,007	0	0		
17:30 - 17:45	708	78	26	0	1.16	3.15	2	814	948	3	1	105	41	1,094	3	821	0	0		
17:45 - 18:00	722	96	10	2	1.16	4.50	8	838	976	1	2	18	82	1,076	4	845	0	0		
18:00 - 18:15	524	64	10	0	1.14	3.20	6	604	690	1	2	34	82	806	3	610	0	0		
18:15 - 18:30	694	88	14	0	1.15	3.29	4	800	920	2	0	59	0	979	0	802	0	0		
18:30 - 18:45	540	94	16	2	1.24	4.33	0	652	806	1	0	5	0	811	1	654	0	0		
18:45 - 19:00	432	84	10	0	1.20	3.40	2	528	636	0	3	0	123	759	4	535	0	0		
19:00 - 19:15	322	58	6	0	1.18	3.00	2	388	458	1	0	26	0	484	0	389	0	0		
19:15 - 19:30	330	98	2	2	1.29	7.50	2	434	558	1	1	3	41	602	2	438	0	0		
19:30 - 19:45	274	76	6	0	1.25	3.00	2	358	446	1	0	29	0	475	0	359	0	0		
19:45 - 20:00	147	48	5	0	1.30	3.40	0	200	260	0	0	0	0	260	0	200	0	0		

5-Hour Totals

Vehicles	9,923	1,188	165	36	N/A	N/A	60	11,372	13,320	23	17	608	697	14,625	30	11,442	0	0
Persons	9,923	2,376	529	432			60											

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (5:30 PM 6:30 PM)
Highway Passengers	14,625	9,390
Rail Passengers	0	0
Auto and Motorcycle Passengers	13,320	8,522
Autos and Motorcycles	11,372	7,396
Average Auto Occupancy (Includes Motorcycles)	1.17	1.15

I-395 southbound at the Pentagon
 Non-HOV Lane Total
 Spring 2010 - 4 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	+ MC Riders					
15:00 - 15:15	839	44	1	6	1.13	10.86	4	894	1,007	3	4	0	0	1,007	0	901	0	0		
15:15 - 15:30	1,091	64	4	4	1.10	7.63	0	1,163	1,280	2	2	0	0	1,280	0	1,169	0	0		
15:30 - 15:45	1,244	95	3	4	1.11	8.57	2	1,348	1,496	1	3	0	0	1,496	15	1,367	0	0		
15:45 - 16:00	1,237	116	5	3	1.12	6.50	0	1,361	1,521	3	1	0	0	1,521	16	1,381	0	0		
16:00 - 16:15	1,259	96	7	6	1.13	7.23	6	1,374	1,551	2	2	0	0	1,551	33	1,411	0	0		
16:15 - 16:30	1,030	151	16	1	1.17	3.88	5	1,203	1,403	7	8	0	0	1,403	19	1,237	0	0		
16:30 - 16:45	975	90	13	0	1.11	3.23	6	1,084	1,203	1	3	0	0	1,203	25	1,113	0	0		
16:45 - 17:00	703	79	10	0	1.13	3.40	2	794	897	1	0	0	0	897	8	803	0	0		
17:00 - 17:15	1,101	196	18	4	1.21	4.68	3	1,322	1,599	4	4	0	0	1,599	7	1,337	0	0		
17:15 - 17:30	1,112	192	9	1	1.17	4.20	3	1,317	1,541	2	2	0	0	1,541	5	1,326	0	0		
17:30 - 17:45	1,300	182	4	1	1.13	4.80	5	1,492	1,693	1	6	0	0	1,693	9	1,508	0	0		
17:45 - 18:00	1,401	205	13	4	1.17	5.18	3	1,626	1,902	2	2	0	0	1,902	3	1,633	0	0		
18:00 - 18:15	1,493	186	9	3	1.14	5.50	4	1,695	1,935	0	5	0	0	1,935	9	1,710	0	0		
18:15 - 18:30	1,386	165	10	2	1.13	4.67	7	1,570	1,779	3	2	0	0	1,779	8	1,583	0	0		
18:30 - 18:45	1,092	203	18	1	1.19	3.58	1	1,315	1,567	3	6	0	0	1,567	11	1,335	0	0		
18:45 - 19:00	994	178	24	1	1.20	3.60	2	1,199	1,442	2	10	0	0	1,442	7	1,219	0	0		
19:00 - 19:15	899	137	14	6	1.22	6.05	4	1,060	1,298	1	5	0	0	1,298	13	1,079	0	0		
19:15 - 19:30	833	208	9	5	1.27	7.00	8	1,063	1,355	1	2	0	0	1,355	5	1,071	0	0		
19:30 - 19:45	693	121	24	0	1.21	3.29	0	838	1,014	2	2	0	0	1,014	6	848	0	0		
19:45 - 20:00	506	31	5	0	1.08	3.60	4	546	590	0	2	0	0	590	6	554	0	0		

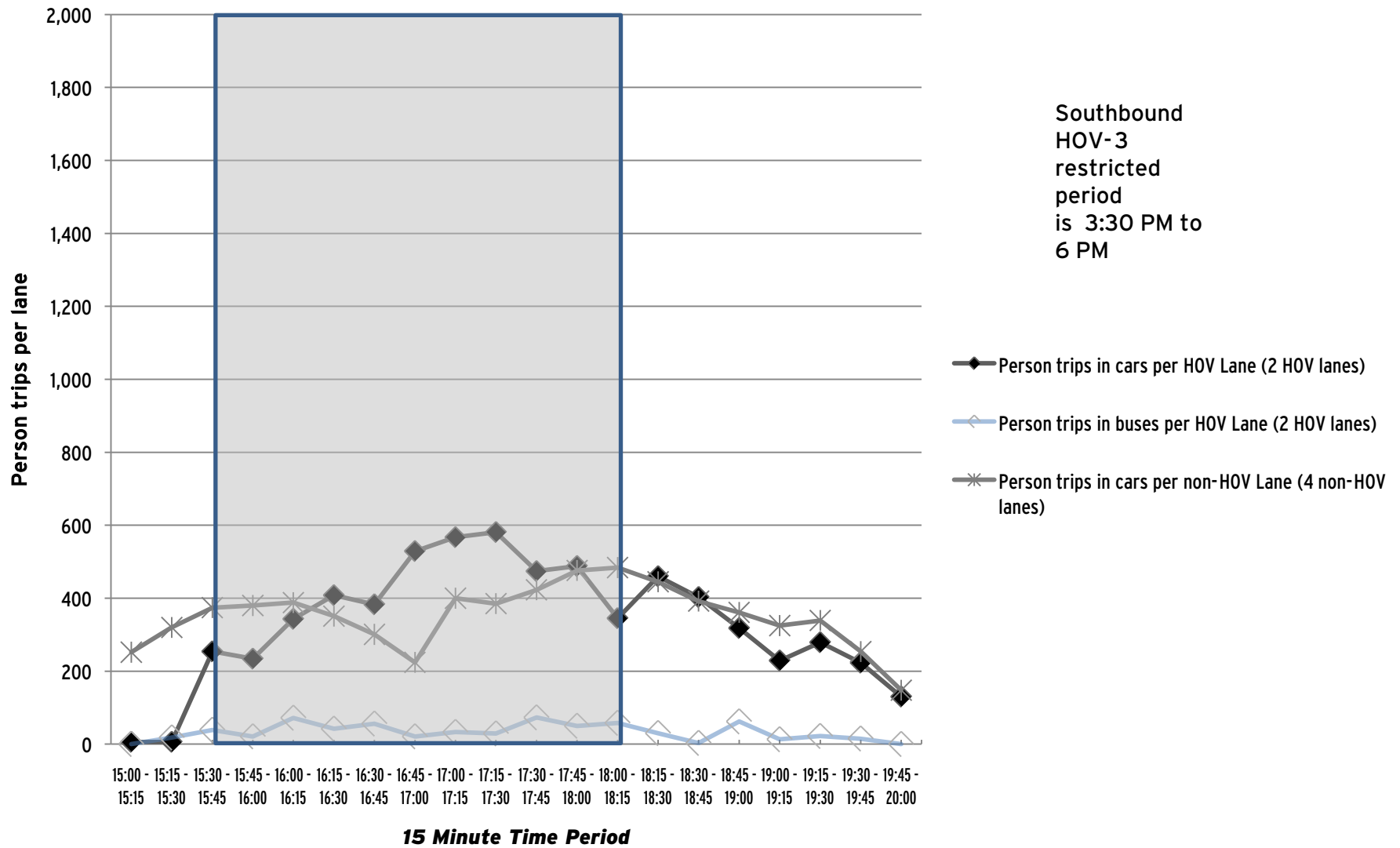
5-Hour Totals

Vehicles	21,188	2,739	216	52	N/A	N/A	69	24,264	28,073	41	71	0	0	28,073	205	24,585	0	0
Persons	21,188	5,478	714	624			69											

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (5:30 PM 6:30 PM)
Highway Passengers	28,073	14,806
Rail Passengers	0	0
Auto and Motorcycle Passengers	28,073	14,806
Autos and Motorcycles	24,264	12,921
Average Auto Occupancy (Includes Motorcycles)	1.16	1.15

I-395 Southbound at Pentagon P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-395 southbound between Arlington Ridge Road and Va. 120 (S. Glebe Road)

All Lanes Total

Spring 2010 - 29 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit	Other	Transit	Other	+ MC Riders +Bus Passengers	Trucks				
15:00 - 15:15	2,045	85	10	3	1.07	5.46	17	2,160	2,303	2	8	0	0	2,303	1	2,171	0	0	
15:15 - 15:30	2,525	124	6	18	1.12	9.75	17	2,690	3,024	3	2	0	0	3,024	19	2,715	0	0	
15:30 - 15:45	2,284	97	20	23	1.16	7.81	26	2,450	2,840	2	4	0	0	2,840	38	2,496	0	0	
15:45 - 16:00	1,974	89	176	39	1.38	4.66	27	2,305	3,181	4	9	0	0	3,181	53	2,371	0	0	
16:00 - 16:15	1,909	57	295	36	1.45	4.02	55	2,352	3,407	7	6	0	0	3,407	35	2,400	0	0	
16:15 - 16:30	2,171	88	435	52	1.55	3.97	33	2,779	4,313	5	8	0	0	4,313	38	2,830	0	0	
16:30 - 16:45	2,161	47	555	65	1.65	3.94	37	2,865	4,737	6	9	0	0	4,737	33	2,913	0	0	
16:45 - 17:00	2,283	50	636	121	1.85	4.44	35	3,125	5,780	7	11	0	0	5,780	26	3,170	0	0	
17:00 - 17:15	2,607	94	517	22	1.42	3.37	35	3,275	4,646	13	8	0	0	4,646	21	3,317	0	0	
17:15 - 17:30	2,352	154	451	21	1.43	3.41	35	3,013	4,303	12	8	0	0	4,303	23	3,056	0	0	
17:30 - 17:45	2,008	84	552	8	1.48	3.16	52	2,704	3,998	6	10	0	0	3,998	22	2,742	0	0	
17:45 - 18:00	2,277	100	486	4	1.39	3.09	39	2,906	4,032	17	11	0	0	4,032	16	2,951	0	0	
18:00 - 18:15	2,230	155	482	7	1.41	3.13	21	2,895	4,094	11	15	0	0	4,094	28	2,950	0	0	
18:15 - 18:30	2,308	126	262	12	1.29	3.41	27	2,735	3,522	10	9	0	0	3,522	17	2,771	0	0	
18:30 - 18:45	2,567	129	6	12	1.10	9.17	11	2,725	3,001	10	10	0	0	3,001	15	2,760	0	0	
18:45 - 19:00	2,558	78	28	8	1.08	5.00	14	2,686	2,908	4	14	0	0	2,908	13	2,717	0	0	
19:00 - 19:15	1,963	135	339	6	1.36	3.16	13	2,456	3,335	8	10	0	0	3,335	18	2,492	0	0	
19:15 - 19:30	2,167	356	11	2	1.16	4.38	15	2,551	2,951	8	9	0	0	2,951	7	2,575	0	0	
19:30 - 19:45	2,100	217	2	2	1.10	7.75	13	2,334	2,578	4	8	0	0	2,578	5	2,351	0	0	
19:45 - 20:00	1,526	38	0	0	1.02	0.00	1	1,565	1,603	0	3	0	0	1,603	8	1,576	0	0	

5-Hour Totals

Vehicles	44,015	2,303	5,269	461	N/A	N/A	523	52,571	70,556	139	172	0	0	70,556	436	53,324	0	0
Persons	44,015	4,606	15,880	5,532			523											

HOV Restricted

	Period	Peak Hour
	5 Hours	(4:30 PM - 6:00 PM)
		(4:30 PM - 5:30 PM)
Highway Passengers	70,556	41,237
Rail Passengers	0	0
Auto and Motorcycle Passengers	70,556	41,237
Autos and Motorcycles	52,571	27,774
Average Auto Occupancy (Includes Motorcycles)	1.34	1.48

I-395 southbound between Arlington Ridge Road and Va. 120 (S. Glebe Road)

HOV Lane Total

Spring 2010 - 29 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	819	27	4	2	1.07	6.00	14	866	923	2	6	36	246	1,205	1	873	0	0	
15:15 - 15:30	804	44	3	10	1.18	9.92	17	878	1,038	1	4	2	164	1,204	11	889	0	0	
15:30 - 15:45	393	29	16	14	1.45	7.20	23	475	690	3	10	57	410	1,157	10	489	0	0	
15:45 - 16:00	225	26	172	34	2.55	4.51	27	484	1,234	13	8	180	328	1,742	13	505	0	0	
16:00 - 16:15	118	14	284	29	2.83	3.87	54	499	1,410	13	9	219	369	1,998	11	518	0	0	
16:15 - 16:30	154	22	434	51	3.10	3.95	33	694	2,148	16	10	278	410	2,836	13	715	0	0	
16:30 - 16:45	60	4	552	64	3.54	3.94	33	713	2,525	21	7	395	287	3,207	8	728	0	0	
16:45 - 17:00	62	4	632	115	4.00	4.39	32	845	3,380	20	12	331	492	4,203	8	866	0	0	
17:00 - 17:15	192	33	515	20	2.61	3.34	35	795	2,078	21	8	288	328	2,694	7	816	0	0	
17:15 - 17:30	195	50	448	20	2.57	3.39	32	745	1,914	29	7	537	287	2,738	4	763	0	0	
17:30 - 17:45	156	9	534	6	2.54	3.13	50	755	1,915	23	7	545	287	2,747	6	773	0	0	
17:45 - 18:00	237	8	470	0	2.27	3.01	35	750	1,705	17	5	362	205	2,272	6	772	0	0	
18:00 - 18:15	459	37	473	3	2.03	3.06	16	988	2,006	21	6	412	246	2,664	4	1,008	0	0	
18:15 - 18:30	589	54	253	4	1.66	3.15	20	920	1,527	11	4	254	164	1,945	2	929	0	0	
18:30 - 18:45	869	60	4	1	1.08	5.00	8	942	1,022	18	5	336	205	1,563	2	955	0	0	
18:45 - 19:00	709	48	26	4	1.18	4.20	9	796	940	14	3	281	123	1,344	2	804	0	0	
19:00 - 19:15	299	109	336	1	2.05	3.03	6	751	1,543	9	2	139	82	1,764	6	762	0	0	
19:15 - 19:30	382	325	9	2	1.50	4.64	9	727	1,092	7	1	143	41	1,276	1	733	0	0	
19:30 - 19:45	390	205	1	0	1.34	3.00	10	606	813	4	2	85	82	980	0	612	0	0	
19:45 - 20:00	243	30	0	0	1.11	0.00	1	274	304	4	2	43	82	429	3	277	0	0	

5-Hour Totals

Vehicles	7,355	1,138	5,166	380	N/A	N/A	464	14,503	30,207	267	118	4,923	4,838	39,968	118	14,787	0	0
Persons	7,355	2,276	15,552	4,560			464											

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (4:30 PM 5:30 PM)
Highway Passengers	39,968	25,594
Rail Passengers	0	0
Auto and Motorcycle Passengers	30,207	18,999
Autos and Motorcycles	14,503	6,755
Average Auto Occupancy (Includes Motorcycles)	2.08	2.81

I-395 southbound between Arlington Ridge Road and Va. 120 (S. Glebe Road)

Non-HOV Lane Total

Spring 2010 - 29 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders	Transit	Other	Transit	Other	+ MC Riders	+Bus Passengers			
15:00 - 15:15	1,226	58	6	1	1.07	5.00	3	1,294	1,380	2	2	0	0	1,380	0	1,298	0	0	
15:15 - 15:30	1,721	80	3	8	1.10	9.55	0	1,812	1,986	3	2	0	0	1,986	8	1,826	0	0	
15:30 - 15:45	1,891	68	4	9	1.09	9.23	3	1,975	2,150	1	1	0	0	2,150	28	2,007	0	0	
15:45 - 16:00	1,749	63	4	5	1.07	8.00	0	1,821	1,947	1	4	0	0	1,947	40	1,866	0	0	
16:00 - 16:15	1,791	43	11	7	1.08	6.61	1	1,853	1,997	2	3	0	0	1,997	24	1,882	0	0	
16:15 - 16:30	2,017	66	1	1	1.04	8.00	0	2,085	2,165	0	5	0	0	2,165	25	2,115	0	0	
16:30 - 16:45	2,101	43	3	1	1.03	5.25	4	2,152	2,212	1	7	0	0	2,212	25	2,185	0	0	
16:45 - 17:00	2,221	46	4	6	1.05	8.40	3	2,280	2,400	0	5	0	0	2,400	18	2,304	0	0	
17:00 - 17:15	2,415	61	2	2	1.04	7.75	0	2,480	2,568	1	6	0	0	2,568	14	2,501	0	0	
17:15 - 17:30	2,157	104	3	1	1.05	5.25	3	2,268	2,389	0	6	0	0	2,389	19	2,293	0	0	
17:30 - 17:45	1,852	75	18	2	1.07	3.95	2	1,949	2,083	0	4	0	0	2,083	16	1,969	0	0	
17:45 - 18:00	2,040	92	16	4	1.08	4.95	4	2,156	2,327	9	4	0	0	2,327	10	2,179	0	0	
18:00 - 18:15	1,771	118	9	4	1.09	5.85	5	1,907	2,088	2	9	0	0	2,088	24	1,942	0	0	
18:15 - 18:30	1,719	72	9	8	1.10	7.35	7	1,815	1,995	5	7	0	0	1,995	15	1,842	0	0	
18:30 - 18:45	1,698	69	2	11	1.11	10.77	3	1,783	1,979	1	8	0	0	1,979	13	1,805	0	0	
18:45 - 19:00	1,849	30	2	4	1.04	9.00	5	1,890	1,968	1	11	0	0	1,968	11	1,913	0	0	
19:00 - 19:15	1,664	26	3	5	1.05	8.63	7	1,705	1,792	4	9	0	0	1,792	12	1,730	0	0	
19:15 - 19:30	1,785	31	2	0	1.02	3.00	6	1,824	1,859	4	8	0	0	1,859	6	1,842	0	0	
19:30 - 19:45	1,710	12	1	2	1.02	9.33	3	1,728	1,765	0	6	0	0	1,765	5	1,739	0	0	
19:45 - 20:00	1,283	8	0	0	1.01	0.00	0	1,291	1,299	0	3	0	0	1,299	5	1,299	0	0	

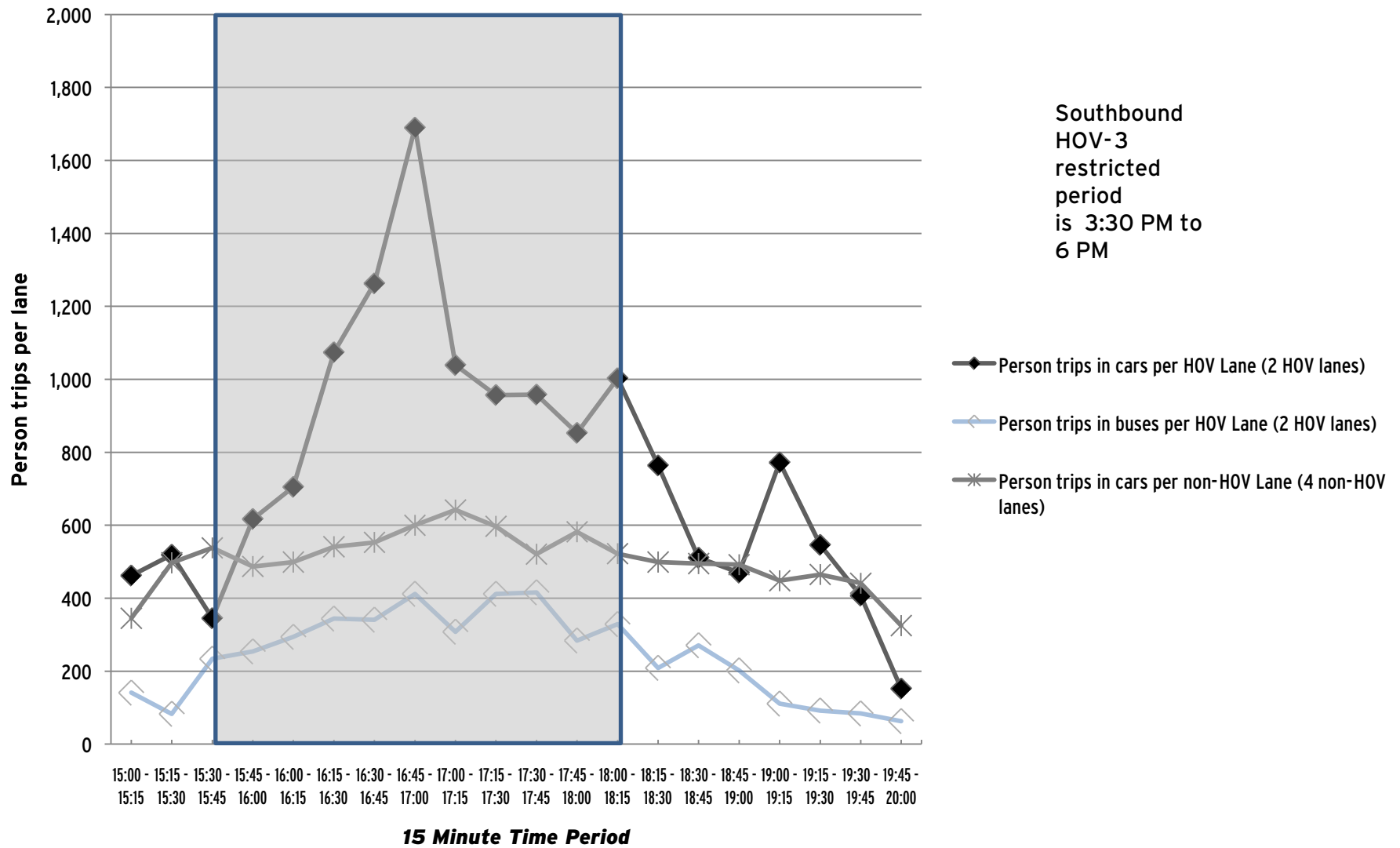
5-Hour Totals

Vehicles	36,660	1,165	103	81	N/A	N/A	59	38,068	40,349	37	110	0	0	40,349	318	38,537	0	0
Persons	36,660	2,330	328	972			59											

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (4:30 PM 5:30 PM)
Highway Passengers	40,349	22,238
Rail Passengers	0	0
Auto and Motorcycle Passengers	40,349	22,238
Autos and Motorcycles	38,068	21,019
Average Auto Occupancy (Includes Motorcycles)	1.06	1.04

I-395 Southbound at Va. 120 (S. Glebe Road) P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-395 southbound at VA-648 (Edsall Rd)

All Lanes Total

Spring 2010 - 20 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	1,879	159	314	22	1.43	3.60	42	2,416	3,448	1	3	0	164	3,612	14	2,435	0	0	
15:15 - 15:30	1,722	157	418	43	1.61	3.86	61	2,401	3,877	4	18	2	574	4,453	24	2,447	0	0	
15:30 - 15:45	1,313	155	250	31	1.57	4.05	32	1,781	2,794	0	1	0	328	3,122	82	1,865	0	0	
15:45 - 16:00	1,294	120	402	31	1.67	3.67	49	1,896	3,171	3	4	57	369	3,597	76	1,980	0	0	
16:00 - 16:15	1,292	123	278	29	1.57	3.87	32	1,754	2,757	4	8	69	410	3,236	73	1,841	0	0	
16:15 - 16:30	1,388	190	335	33	1.63	3.88	45	1,991	3,240	7	4	63	287	3,590	55	2,058	863	0	
16:30 - 16:45	1,303	219	377	35	1.70	3.82	37	1,971	3,352	11	1	163	492	4,007	45	2,029	0	0	
16:45 - 17:00	1,431	213	495	51	1.80	3.88	29	2,219	4,004	12	3	120	328	4,452	38	2,273	1,056	0	
17:00 - 17:15	1,231	208	457	40	1.80	3.75	41	1,977	3,551	10	2	86	287	3,924	21	2,011	0	0	
17:15 - 17:30	1,278	221	438	21	1.67	3.46	57	2,015	3,367	14	2	190	287	3,844	32	2,065	1,188	0	
17:30 - 17:45	1,334	180	605	12	1.70	3.19	41	2,172	3,703	13	18	175	533	4,411	25	2,230	0	0	
17:45 - 18:00	1,249	155	465	7	1.61	3.14	40	1,916	3,081	8	8	71	328	3,480	22	1,955	979	0	
18:00 - 18:15	1,797	196	144	2	1.23	3.14	26	2,165	2,673	10	8	157	328	3,158	27	2,210	0	0	
18:15 - 18:30	1,870	272	54	4	1.19	3.72	11	2,211	2,641	10	10	81	410	3,132	25	2,256	746	0	
18:30 - 18:45	1,835	315	41	1	1.19	3.40	6	2,198	2,614	9	7	117	205	2,936	23	2,239	0	0	
18:45 - 19:00	1,734	285	39	4	1.20	3.95	9	2,071	2,483	6	1	87	41	2,611	25	2,103	453	0	
19:00 - 19:15	1,643	268	17	1	1.17	4.06	14	1,943	2,266	3	6	15	82	2,363	21	1,973	0	0	
19:15 - 19:30	1,607	239	13	2	1.16	4.47	10	1,871	2,162	3	3	51	123	2,336	11	1,888	0	0	
19:30 - 19:45	1,372	147	6	4	1.13	6.70	8	1,537	1,741	2	1	17	41	1,799	18	1,558	0	0	
19:45 - 20:00	1,045	60	1	0	1.06	3.00	8	1,114	1,176	1	0	6	0	1,182	17	1,132	0	0	

5-Hour Totals

Vehicles	29,617	3,882	5,149	373	N/A	N/A	598	39,619	58,101	131	108	1,527	5,617	65,245	674	40,548	5,285	0
Persons	29,617	7,764	15,646	4,476			598											

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:00 PM 7:00 PM)	
Highway Passengers	65,245	37,663	11,837
Rail Passengers	5,285	4,086	1,199
Auto and Motorcycle Passengers	58,101	33,020	10,411
Autos and Motorcycles	39,619	19,692	8,645
Average Auto Occupancy (Includes Motorcycles)	1.47	1.68	1.20

I-395 southbound at VA-648 (Edsall Rd)
 HOV Lane Total
 Spring 2010 - 20 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	821	64	308	19	1.71	3.53	36	1,248	2,139	0	4	0	164	2,303	14	1,264	0	0	
15:15 - 15:30	471	11	405	41	2.30	3.85	58	986	2,266	1	14	2	574	2,842	24	1,025	0	0	
15:30 - 15:45	109	19	243	30	2.99	4.04	26	427	1,276	0	8	0	328	1,604	5	432	0	0	
15:45 - 16:00	143	10	389	26	2.77	3.58	44	612	1,694	3	9	57	369	2,120	4	621	0	0	
16:00 - 16:15	93	2	270	27	3.00	3.83	29	421	1,263	4	10	69	410	1,742	1	431	0	0	
16:15 - 16:30	74	61	327	32	3.05	3.87	39	533	1,626	5	7	63	287	1,976	1	543	0	0	
16:30 - 16:45	69	43	369	33	3.14	3.79	31	545	1,711	7	12	163	492	2,366	3	555	0	0	
16:45 - 17:00	85	80	483	47	3.19	3.83	26	721	2,302	7	8	120	328	2,750	4	734	0	0	
17:00 - 17:15	97	81	447	39	3.02	3.74	35	699	2,111	6	7	86	287	2,484	2	707	0	0	
17:15 - 17:30	149	109	429	18	2.58	3.41	48	753	1,940	9	7	190	287	2,417	1	764	0	0	
17:30 - 17:45	155	31	597	11	2.63	3.17	37	831	2,182	8	13	175	533	2,890	2	854	0	0	
17:45 - 18:00	261	49	455	5	2.26	3.10	35	805	1,820	4	8	71	328	2,219	4	821	0	0	
18:00 - 18:15	805	88	134	2	1.36	3.14	24	1,053	1,432	8	8	157	328	1,917	4	1,073	0	0	
18:15 - 18:30	723	136	39	3	1.28	3.71	8	909	1,159	4	10	81	410	1,650	5	928	0	0	
18:30 - 18:45	678	113	27	0	1.21	3.19	5	823	995	7	5	117	205	1,317	5	840	0	0	
18:45 - 19:00	473	107	15	4	1.30	4.95	6	605	787	4	1	87	41	915	5	615	0	0	
19:00 - 19:15	590	86	2	0	1.13	3.50	11	689	780	1	2	15	82	877	3	695	0	0	
19:15 - 19:30	602	84	6	0	1.14	3.17	3	695	792	2	3	51	123	966	1	701	0	0	
19:30 - 19:45	493	33	1	2	1.11	9.00	7	536	593	1	1	17	41	651	6	544	0	0	
19:45 - 20:00	384	7	0	0	1.02	0.00	6	397	404	1	0	6	0	410	2	400	0	0	

5-Hour Totals																			
Vehicles	7,275	1,214	4,946	339	N/A	N/A	514	14,288	29,272	82	137	1,527	5,617	36,416	96	14,547	0	0	0
Persons	7,275	2,428	14,987	4,068			514												

	HOV Restricted		
	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:00 PM 7:00 PM)	Peak Hour (6:00 PM 7:00 PM)
Highway Passengers	36,416	22,568	5,799
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,272	17,925	4,373
Autos and Motorcycles	14,288	6,347	3,390
Average Auto Occupancy (Includes Motorcycles)	2.05	2.82	1.29

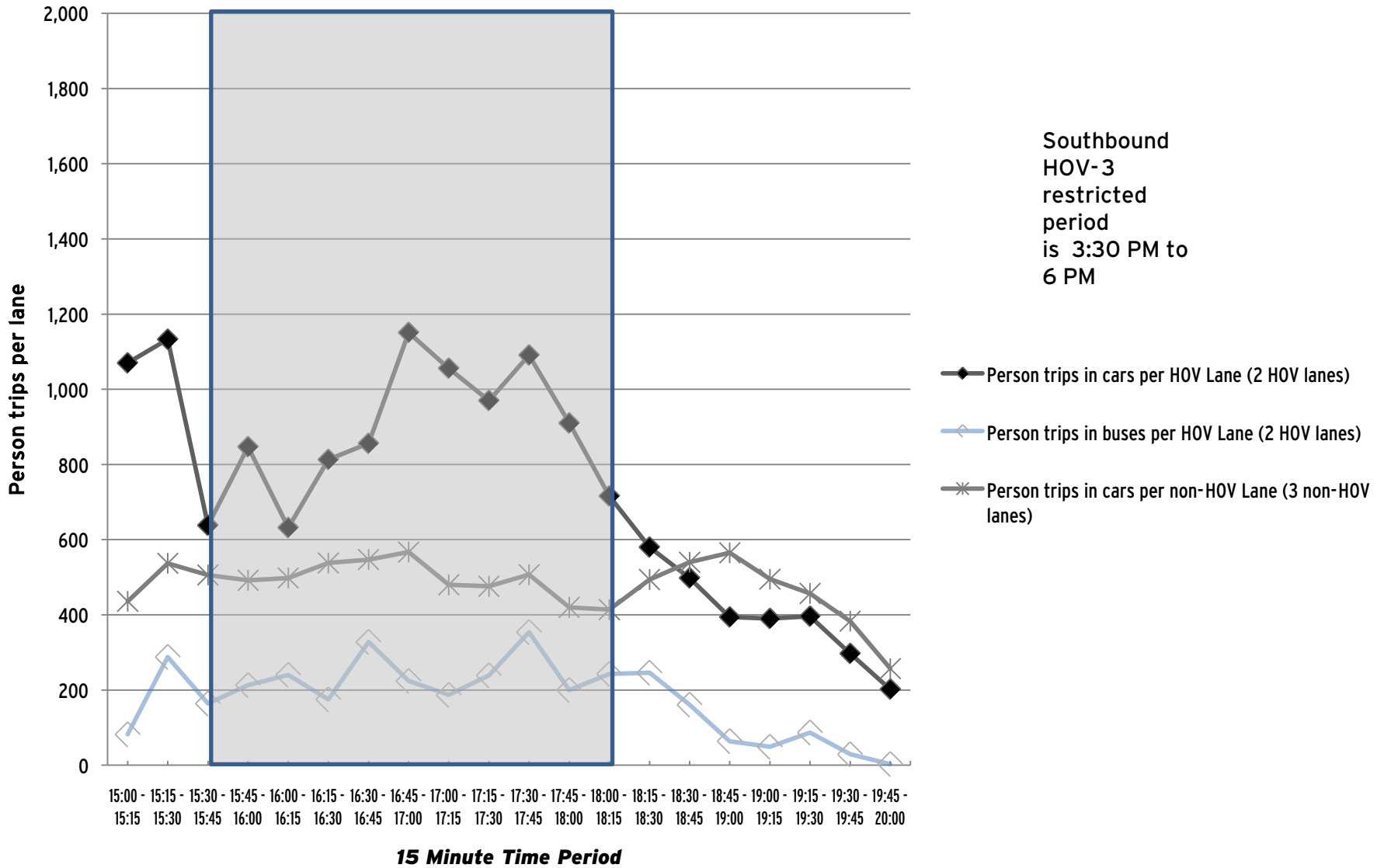
I-395 southbound at VA-648 (Edsall Rd)
 Non-HOV Lane Total
 Spring 2010 - 20 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders	Transit	Other	Transit	Other	+ MC Riders	+Bus Passengers			
15:00 - 15:15	1,058	95	6	3	1.12	6.11	6	1,168	1,309		1	1	0	0	1,309	0	1,171	0	0
15:15 - 15:30	1,251	146	13	2	1.14	4.33	3	1,415	1,611		3	4	0	0	1,611	0	1,422	0	0
15:30 - 15:45	1,204	136	7	1	1.12	4.50	6	1,354	1,518		0	1	0	0	1,518	77	1,433	0	0
15:45 - 16:00	1,151	110	13	5	1.15	5.61	5	1,284	1,477		0	2	0	0	1,477	72	1,359	0	0
16:00 - 16:15	1,199	121	8	2	1.12	5.00	3	1,333	1,494		0	3	0	0	1,494	72	1,410	0	0
16:15 - 16:30	1,314	129	8	1	1.11	4.00	6	1,458	1,614		2	0	0	0	1,614	54	1,515	0	0
16:30 - 16:45	1,234	176	8	2	1.15	4.90	6	1,426	1,641		4	1	0	0	1,641	42	1,474	0	0
16:45 - 17:00	1,346	133	12	4	1.14	5.44	3	1,498	1,702		5	2	0	0	1,702	34	1,539	0	0
17:00 - 17:15	1,134	127	10	1	1.13	4.18	6	1,278	1,440		4	2	0	0	1,440	19	1,304	0	0
17:15 - 17:30	1,129	112	9	3	1.13	5.42	9	1,262	1,427		5	1	0	0	1,427	31	1,301	0	0
17:30 - 17:45	1,179	149	8	1	1.13	4.44	4	1,341	1,521		5	5	0	0	1,521	23	1,376	0	0
17:45 - 18:00	988	106	10	2	1.14	4.67	5	1,111	1,261		4	0	0	0	1,261	18	1,134	0	0
18:00 - 18:15	992	108	10	0	1.12	3.10	2	1,112	1,241		2	0	0	0	1,241	23	1,137	0	0
18:15 - 18:30	1,147	136	15	1	1.14	3.75	3	1,302	1,482		6	0	0	0	1,482	20	1,328	0	0
18:30 - 18:45	1,157	202	14	1	1.18	3.80	1	1,375	1,619		2	2	0	0	1,619	18	1,399	0	0
18:45 - 19:00	1,261	178	24	0	1.16	3.17	3	1,466	1,696		2	0	0	0	1,696	20	1,488	0	0
19:00 - 19:15	1,053	182	15	1	1.19	4.13	3	1,254	1,486		2	4	0	0	1,486	18	1,278	0	0
19:15 - 19:30	1,005	155	7	2	1.16	5.33	7	1,176	1,370		1	0	0	0	1,370	10	1,187	0	0
19:30 - 19:45	879	114	5	2	1.15	5.71	1	1,001	1,148		1	0	0	0	1,148	12	1,014	0	0
19:45 - 20:00	661	53	1	0	1.08	3.00	2	717	772		0	0	0	0	772	15	732	0	0

5-Hour Totals																			
Vehicles	22,342	2,668	203	34	N/A	N/A	84	25,331	28,829	49	28	0	0	28,829	578	26,001	0	0	
Persons	22,342	5,336	659	408			84												

	HOV Restricted		
	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:00 PM 7:00 PM)	
Highway Passengers	28,829	15,095	6,038
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	28,829	15,095	6,038
Autos and Motorcycles	25,331	13,345	5,255
Average Auto Occupancy (Includes Motorcycles)	1.14	1.13	1.15

**I-395 Southbound between Va. 236 (Duke Street) and Va. 648 (Edsall Road)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**



I-95 southbound at Newington
 All Lanes Total
 Spring 2010 - 15 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers						
15:00 - 15:15	1,567	253	51	2	1.20	3.49	16	1,889	2,274	0	1	0	41	2,315	2	1,892	0	0		
15:15 - 15:30	1,776	247	118	16	1.31	4.20	31	2,188	2,864	0	3	0	41	2,905	1	2,192	0	0		
15:30 - 15:45	1,192	188	218	22	1.54	3.90	25	1,645	2,529	0	5	0	164	2,693	89	1,739	0	0		
15:45 - 16:00	1,199	123	372	41	1.76	3.97	46	1,781	3,132	0	10	0	410	3,542	121	1,912	0	0		
16:00 - 16:15	765	115	378	39	1.99	3.88	37	1,334	2,648	0	8	0	328	2,976	55	1,397	0	0		
16:15 - 16:30	827	78	469	57	2.13	3.99	33	1,464	3,117	0	9	0	369	3,486	76	1,549	0	0		
16:30 - 16:45	705	49	527	48	2.19	3.77	48	1,377	3,016	0	11	0	410	3,426	77	1,465	0	0		
16:45 - 17:00	688	67	625	69	2.40	3.93	48	1,497	3,594	0	10	0	287	3,881	86	1,593	0	0		
17:00 - 17:15	859	99	599	42	2.09	3.66	50	1,649	3,453	1	12	0	492	3,945	90	1,752	0	0		
17:15 - 17:30	826	108	564	11	1.89	3.21	41	1,550	2,929	5	10	0	328	3,257	97	1,662	0	0		
17:30 - 17:45	900	153	475	13	1.83	3.35	32	1,573	2,872	2	8	0	287	3,159	89	1,672	0	0		
17:45 - 18:00	1,102	154	356	7	1.58	3.23	46	1,665	2,627	0	7	0	287	2,914	109	1,781	0	0		
18:00 - 18:15	1,511	292	106	1	1.27	3.21	18	1,928	2,457	0	6	0	205	2,662	82	2,016	0	0		
18:15 - 18:30	1,500	273	50	4	1.24	4.02	8	1,835	2,271	0	6	0	205	2,476	77	1,918	0	0		
18:30 - 18:45	1,771	278	34	3	1.18	3.95	11	2,097	2,484	0	6	0	205	2,689	73	2,176	0	0		
18:45 - 19:00	1,613	190	33	2	1.15	3.63	11	1,849	2,131	0	4	0	164	2,295	78	1,931	0	0		
19:00 - 19:15	1,462	203	26	3	1.17	4.10	17	1,711	2,004	0	5	0	205	2,209	81	1,797	0	0		
19:15 - 19:30	1,446	218	20	3	1.17	4.30	7	1,694	1,988	2	5	0	41	2,029	69	1,770	0	0		
19:30 - 19:45	1,369	200	13	2	1.16	4.27	11	1,595	1,844	0	3	0	82	1,926	62	1,660	0	0		
19:45 - 20:00	692	95	6	1	1.15	4.43	2	796	915	2	4	0	82	997	86	888	0	0		

5-Hour Totals																			
Vehicles	23,770	3,383	5,040	386	N/A	N/A	538	33,117	51,149	12	133	0	4,633	55,782	1,500	34,762	0	0	
Persons	23,770	6,766	15,443	4,632			538												

	HOV Restricted		
	Period 5 Hours	Peak Hour (3:30 PM - 6:00 PM)	Peak Hour (6:00 PM - 7:00 PM)
Highway Passengers	55,782	33,279	10,122
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	51,149	29,917	9,343
Autos and Motorcycles	33,117	15,535	7,709
Average Auto Occupancy (Includes Motorcycles)	1.54	1.93	1.21

I-95 southbound at Newington
 HOV Lane Total
 Spring 2010 - 15 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers	Trucks			
15:00 - 15:15	827	146	44	2	1.25	3.54	16	1,035	1,298	0	1	0	41	1,339	2	1,038	0	0
15:15 - 15:30	771	119	116	15	1.51	4.16	29	1,050	1,583	0	1	0	41	1,624	1	1,052	0	0
15:30 - 15:45	312	88	217	22	2.18	3.90	22	661	1,442	0	4	0	164	1,606	15	680	0	0
15:45 - 16:00	107	27	368	41	3.12	3.98	46	589	1,835	0	10	0	410	2,245	7	606	0	0
16:00 - 16:15	102	55	375	39	3.06	3.88	36	607	1,855	0	8	0	328	2,183	10	625	0	0
16:15 - 16:30	81	8	462	56	3.44	3.99	32	639	2,197	0	9	0	369	2,566	2	650	0	0
16:30 - 16:45	96	5	521	46	3.18	3.74	48	716	2,276	0	10	0	410	2,686	6	732	0	0
16:45 - 17:00	93	23	618	69	3.39	3.93	48	851	2,889	0	7	0	287	3,176	6	864	0	0
17:00 - 17:15	111	17	597	42	3.11	3.66	49	816	2,534	0	12	0	492	3,026	5	833	0	0
17:15 - 17:30	135	18	558	10	2.66	3.20	41	762	2,027	0	8	0	328	2,355	3	773	0	0
17:30 - 17:45	162	56	471	11	2.60	3.31	32	732	1,903	0	7	0	287	2,190	6	745	0	0
17:45 - 18:00	361	70	348	6	2.03	3.20	43	828	1,677	0	7	0	287	1,964	3	838	0	0
18:00 - 18:15	834	150	94	0	1.32	3.13	16	1,094	1,444	0	5	0	205	1,649	6	1,105	0	0
18:15 - 18:30	809	147	34	3	1.26	4.08	7	1,000	1,261	0	5	0	205	1,466	1	1,006	0	0
18:30 - 18:45	841	167	25	2	1.24	3.93	10	1,045	1,291	0	5	0	205	1,496	5	1,055	0	0
18:45 - 19:00	831	130	31	0	1.20	3.10	6	998	1,193	0	4	0	164	1,357	9	1,011	0	0
19:00 - 19:15	736	150	19	1	1.22	3.65	15	921	1,124	0	5	0	205	1,329	6	932	0	0
19:15 - 19:30	749	165	19	3	1.25	4.36	7	943	1,182	0	1	0	41	1,223	4	948	0	0
19:30 - 19:45	698	116	6	0	1.15	3.00	6	826	954	0	2	0	82	1,036	5	833	0	0
19:45 - 20:00	139	18	1	0	1.13	3.00	1	159	179	0	2	0	82	261	1	162	0	0

5-Hour Totals

Vehicles	8,795	1,675	4,924	368	N/A	N/A	510	16,272	32,144	0	113	0	4,633	36,777	103	16,488	0	0
Persons	8,795	3,350	15,073	4,416			510											

HOV Restricted

	HOV Restricted	
	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:00 PM 7:00 PM)
Highway Passengers	36,777	23,997
Rail Passengers	0	0
Auto and Motorcycle Passengers	32,144	20,635
Autos and Motorcycles	16,272	7,201
Average Auto Occupancy (Includes Motorcycles)	1.98	2.87

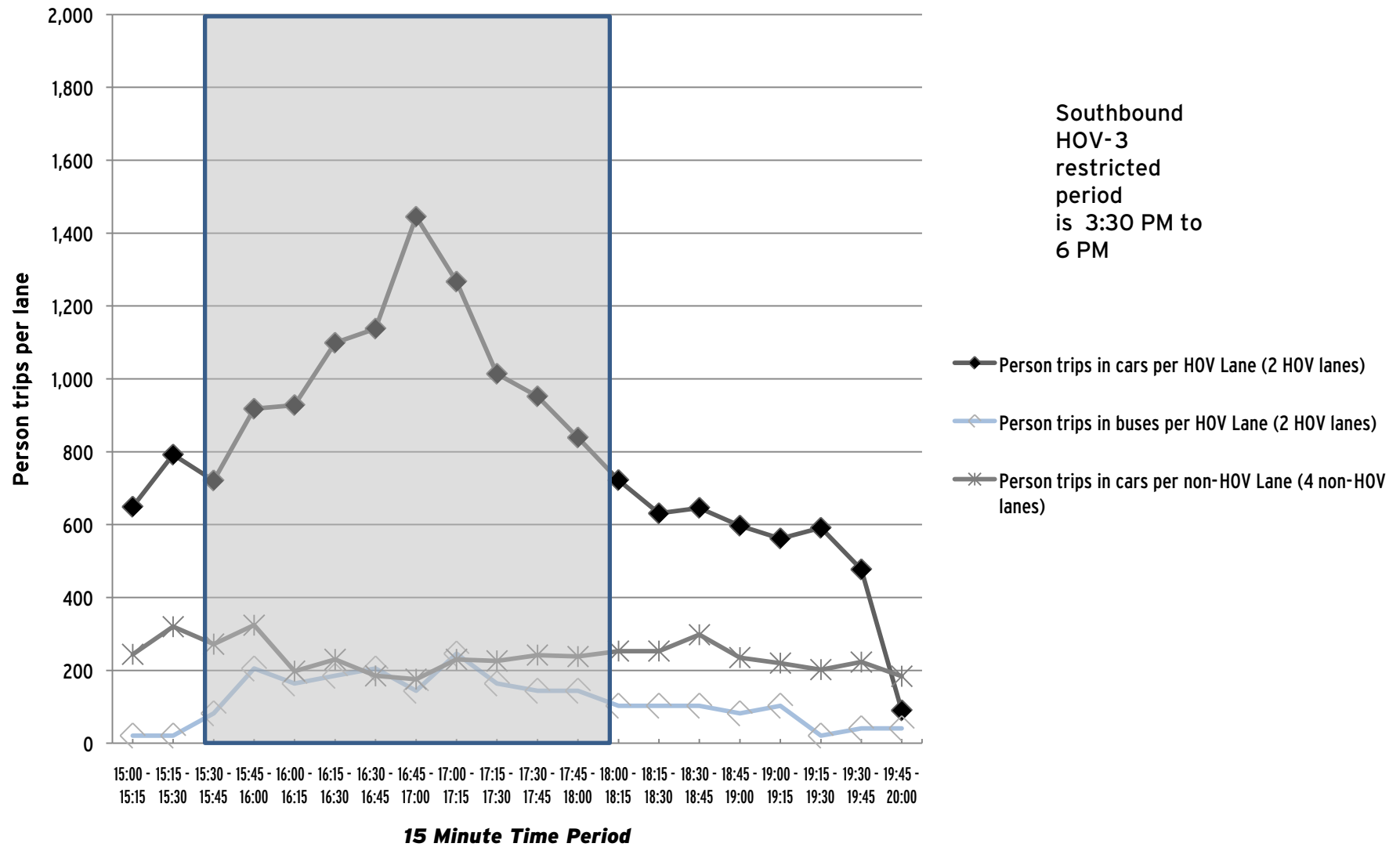
I-95 southbound at Newington
 Non-HOV Lane Total
 Spring 2010 - 15 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers						
15:00 - 15:15	740	107	7	0	1.14	3.14	0	854	976	0	0	0	0	976	0	854	0	0		
15:15 - 15:30	1,005	128	2	1	1.13	6.00	2	1,138	1,281	0	2	0	0	1,281	0	1,140	0	0		
15:30 - 15:45	880	100	1	0	1.10	4.00	3	984	1,087	0	1	0	0	1,087	74	1,059	0	0		
15:45 - 16:00	1,092	96	4	0	1.09	3.25	0	1,192	1,297	0	0	0	0	1,297	114	1,306	0	0		
16:00 - 16:15	663	60	3	0	1.09	3.00	1	727	793	0	0	0	0	793	45	772	0	0		
16:15 - 16:30	746	70	7	1	1.12	4.13	1	825	920	0	0	0	0	920	74	899	0	0		
16:30 - 16:45	609	44	6	2	1.12	5.38	0	661	740	0	1	0	0	740	71	733	0	0		
16:45 - 17:00	595	44	7	0	1.09	3.14	0	646	705	0	3	0	0	705	80	729	0	0		
17:00 - 17:15	748	82	2	0	1.10	3.00	1	833	919	1	0	0	0	919	85	919	0	0		
17:15 - 17:30	691	90	6	1	1.14	4.43	0	788	902	5	2	0	0	902	94	889	0	0		
17:30 - 17:45	738	97	4	2	1.15	6.17	0	841	969	2	1	0	0	969	83	927	0	0		
17:45 - 18:00	741	84	8	1	1.14	4.22	3	837	950	0	0	0	0	950	106	943	0	0		
18:00 - 18:15	677	142	12	1	1.21	3.85	2	834	1,013	0	1	0	0	1,013	76	911	0	0		
18:15 - 18:30	691	126	16	1	1.21	3.88	1	835	1,010	0	1	0	0	1,010	76	912	0	0		
18:30 - 18:45	930	111	9	1	1.13	4.00	1	1,052	1,193	0	1	0	0	1,193	68	1,121	0	0		
18:45 - 19:00	782	60	2	2	1.10	7.75	5	851	938	0	0	0	0	938	69	920	0	0		
19:00 - 19:15	726	53	7	2	1.11	5.11	2	790	880	0	0	0	0	880	75	865	0	0		
19:15 - 19:30	697	53	1	0	1.07	3.00	0	751	806	2	4	0	0	806	65	822	0	0		
19:30 - 19:45	671	84	7	2	1.16	5.11	5	769	890	0	1	0	0	890	57	827	0	0		
19:45 - 20:00	553	77	5	1	1.16	4.67	1	637	736	2	2	0	0	736	85	726	0	0		

5-Hour Totals																			
Vehicles	14,975	1,708	116	18	N/A	N/A	28	16,845	19,005	12	20	0	0	19,005	1,397	18,274	0	0	
Persons	14,975	3,416	370	216			28												

	HOV Restricted		
	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:00 PM 7:00 PM)	
Highway Passengers	19,005	9,282	4,154
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	19,005	9,282	4,154
Autos and Motorcycles	16,845	8,334	3,572
Average Auto Occupancy (Includes Motorcycles)	1.13	1.11	1.16

I-95 Southbound north of Va. 7100 (Fairfax County Pkwy.) P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-95 southbound at Dumfries
 All Lanes Total
 Spring 2010 - 14 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.	
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	Trucks				
15:00 - 15:15	801	115	16	4	1.21	4.95	0	936	1,130	0	0	0	0	0	0	1,130	0	936	0	0
15:15 - 15:30	1,203	97	11	1	1.10	3.75	3	1,315	1,445	0	1	0	0	0	0	1,445	0	1,316	0	0
15:30 - 15:45	881	98	62	11	1.33	4.37	5	1,057	1,401	0	5	0	205	1,606	21	1,083	0	0	0	0
15:45 - 16:00	911	80	107	29	1.54	4.95	20	1,147	1,764	0	3	0	123	1,887	50	1,200	0	0	0	0
16:00 - 16:15	803	73	128	45	1.77	5.35	22	1,071	1,896	0	5	0	164	2,060	28	1,104	0	0	0	0
16:15 - 16:30	669	79	148	31	1.77	4.57	10	937	1,655	0	5	0	123	1,778	50	992	0	0	0	0
16:30 - 16:45	516	67	172	45	2.11	4.87	13	813	1,719	0	3	0	82	1,801	37	853	0	0	0	0
16:45 - 17:00	592	43	162	37	1.92	4.68	6	840	1,615	0	6	0	164	1,779	55	901	0	0	0	0
17:00 - 17:15	586	81	159	44	2.00	4.95	17	887	1,770	0	3	0	82	1,852	55	945	0	0	0	0
17:15 - 17:30	649	91	129	14	1.57	3.90	7	890	1,395	0	10	0	164	1,559	43	943	0	0	0	0
17:30 - 17:45	792	108	129	6	1.41	3.42	14	1,049	1,484	0	3	0	41	1,525	52	1,104	0	0	0	0
17:45 - 18:00	733	80	167	5	1.47	3.27	14	999	1,469	0	4	0	41	1,510	41	1,045	0	0	0	0
18:00 - 18:15	1,096	123	219	1	1.40	3.05	12	1,451	2,025	0	2	0	0	2,025	42	1,495	0	0	0	0
18:15 - 18:30	1,083	107	137	2	1.31	3.19	2	1,331	1,742	0	4	0	82	1,824	88	1,423	0	0	0	0
18:30 - 18:45	1,371	114	71	3	1.19	3.39	2	1,561	1,852	0	3	0	41	1,893	37	1,601	0	0	0	0
18:45 - 19:00	935	44	58	1	1.16	3.17	6	1,044	1,216	0	0	0	0	1,216	32	1,076	0	0	0	0
19:00 - 19:15	1,012	24	19	1	1.07	3.45	3	1,059	1,132	0	2	0	41	1,173	37	1,098	0	0	0	0
19:15 - 19:30	814	28	3	0	1.04	3.00	4	849	883	0	6	0	41	924	34	889	0	0	0	0
19:30 - 19:45	865	31	4	3	1.08	6.86	4	907	979	0	1	0	0	979	41	949	0	0	0	0
19:45 - 20:00	483	21	1	0	1.05	3.00	2	507	530	0	1	0	0	530	157	665	0	0	0	0

5-Hour Totals

Vehicles	16,795	1,504	1,902	283	N/A	N/A	166	20,650	29,102	0	67	0	1,394	30,496	900	21,618	0	0
Persons	16,795	3,008	5,737	3,396			166											

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:45 PM 7:45 PM)
Highway Passengers	17,357	4,292
Rail Passengers	0	0
Auto and Motorcycle Passengers	16,168	4,210
Autos and Motorcycles	9,690	3,859
Average Auto Occupancy (Includes Motorcycles)	1.67	1.09

I-95 southbound at Dumfries
 HOV Lane Total
 Spring 2010 - 14 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders + Bus Passengers		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	Trucks					
15:00 - 15:15	165	7	6	2	1.23	5.38	0	180	222	0	0	0	0	222	0	180	0	0	
15:15 - 15:30	222	13	9	0	1.13	3.00	2	246	277	0	0	0	0	277	0	246	0	0	
15:30 - 15:45	56	6	61	11	2.82	4.38	3	137	386	0	5	0	205	591	1	143	0	0	
15:45 - 16:00	30	4	102	28	3.89	4.95	15	179	697	0	3	0	123	820	3	185	0	0	
16:00 - 16:15	32	5	124	45	4.33	5.40	19	225	974	0	4	0	164	1,138	4	233	0	0	
16:15 - 16:30	32	0	140	28	3.86	4.51	6	206	795	0	3	0	123	918	7	216	0	0	
16:30 - 16:45	19	1	168	45	4.40	4.90	12	245	1,077	0	2	0	82	1,159	6	253	0	0	
16:45 - 17:00	14	2	155	36	4.36	4.70	4	211	919	0	4	0	164	1,083	7	222	0	0	
17:00 - 17:15	26	0	156	42	4.28	4.91	12	236	1,010	0	2	0	82	1,092	3	241	0	0	
17:15 - 17:30	34	3	122	14	3.24	3.94	7	180	583	0	4	0	164	747	4	188	0	0	
17:30 - 17:45	23	11	125	4	2.74	3.29	13	176	483	0	1	0	41	524	2	179	0	0	
17:45 - 18:00	16	8	164	4	2.88	3.22	11	203	584	0	1	0	41	625	0	205	0	0	
18:00 - 18:15	32	11	206	1	2.68	3.04	9	259	693	0	0	0	0	693	1	260	0	0	
18:15 - 18:30	90	8	124	1	2.20	3.09	2	225	494	0	2	0	82	576	1	228	0	0	
18:30 - 18:45	192	28	60	1	1.57	3.16	0	281	441	0	1	0	41	482	0	282	0	0	
18:45 - 19:00	191	16	56	0	1.48	3.00	2	265	393	0	0	0	0	393	1	266	0	0	
19:00 - 19:15	252	12	18	0	1.17	3.00	1	283	331	0	1	0	41	372	0	284	0	0	
19:15 - 19:30	218	13	3	0	1.08	3.00	2	236	255	0	1	0	41	296	4	241	0	0	
19:30 - 19:45	174	12	3	0	1.10	3.00	0	189	207	0	0	0	0	207	1	190	0	0	
19:45 - 20:00	45	8	0	0	1.15	0.00	0	53	61	0	0	0	0	61	0	53	0	0	

5-Hour Totals

Vehicles	1,863	168	1,802	262	N/A	N/A	120	4,215	10,882	0	34	0	1,394	12,276	45	4,295	0	0
Persons	1,863	336	5,419	3,144			120											

HOV Restricted

	Period (3:30 PM - 6:00 PM)	Peak Hour (6:45 PM - 7:45 PM)
Highway Passengers	12,276	8,697
Rail Passengers	0	0
Auto and Motorcycle Passengers	10,882	7,508
Autos and Motorcycles	4,215	1,998
Average Auto Occupancy (Includes Motorcycles)	2.58	3.76

I-95 southbound at Dumfries
 Non-HOV Lane Total
 Spring 2010 - 14 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.	
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	+Bus Passengers				Trucks
15:00 - 15:15	636	108	10	2	1.20	4.67	0	756	908	0	0	0	0	0	0	908	0	756	0	0
15:15 - 15:30	981	84	2	1	1.09	6.00	1	1,069	1,168	0	1	0	0	0	0	1,168	0	1,070	0	0
15:30 - 15:45	825	92	1	0	1.10	4.00	2	920	1,015	0	0	0	0	0	0	1,015	20	940	0	0
15:45 - 16:00	881	76	5	1	1.10	4.83	5	968	1,067	0	0	0	0	0	0	1,067	47	1,015	0	0
16:00 - 16:15	771	68	4	0	1.09	3.00	3	846	922	0	1	0	0	0	0	922	24	871	0	0
16:15 - 16:30	637	79	8	3	1.18	5.55	4	731	860	0	2	0	0	0	0	860	43	776	0	0
16:30 - 16:45	497	66	4	0	1.13	3.00	1	568	642	0	1	0	0	0	0	642	31	600	0	0
16:45 - 17:00	578	41	7	1	1.11	4.25	2	629	696	0	2	0	0	0	0	696	48	679	0	0
17:00 - 17:15	560	81	3	2	1.17	6.60	5	651	760	0	1	0	0	0	0	760	52	704	0	0
17:15 - 17:30	615	88	7	0	1.14	3.00	0	710	812	0	6	0	0	0	0	812	39	755	0	0
17:30 - 17:45	769	97	4	2	1.15	6.17	1	873	1,001	0	2	0	0	0	0	1,001	50	925	0	0
17:45 - 18:00	717	72	3	1	1.11	5.25	3	796	885	0	3	0	0	0	0	885	41	840	0	0
18:00 - 18:15	1,064	112	13	0	1.12	3.15	3	1,192	1,332	0	2	0	0	0	0	1,332	41	1,235	0	0
18:15 - 18:30	993	99	13	1	1.13	4.07	0	1,106	1,248	0	2	0	0	0	0	1,248	87	1,195	0	0
18:30 - 18:45	1,179	86	11	2	1.10	4.46	2	1,280	1,411	0	2	0	0	0	0	1,411	37	1,319	0	0
18:45 - 19:00	744	28	2	1	1.06	6.33	4	779	823	0	0	0	0	0	0	823	31	810	0	0
19:00 - 19:15	760	12	1	1	1.03	7.50	2	776	801	0	1	0	0	0	0	801	37	814	0	0
19:15 - 19:30	596	15	0	0	1.02	0.00	2	613	628	0	5	0	0	0	0	628	30	648	0	0
19:30 - 19:45	691	19	1	3	1.08	9.75	4	718	772	0	1	0	0	0	0	772	40	759	0	0
19:45 - 20:00	438	13	1	0	1.03	3.00	2	454	469	0	1	0	0	0	0	469	157	612	0	0

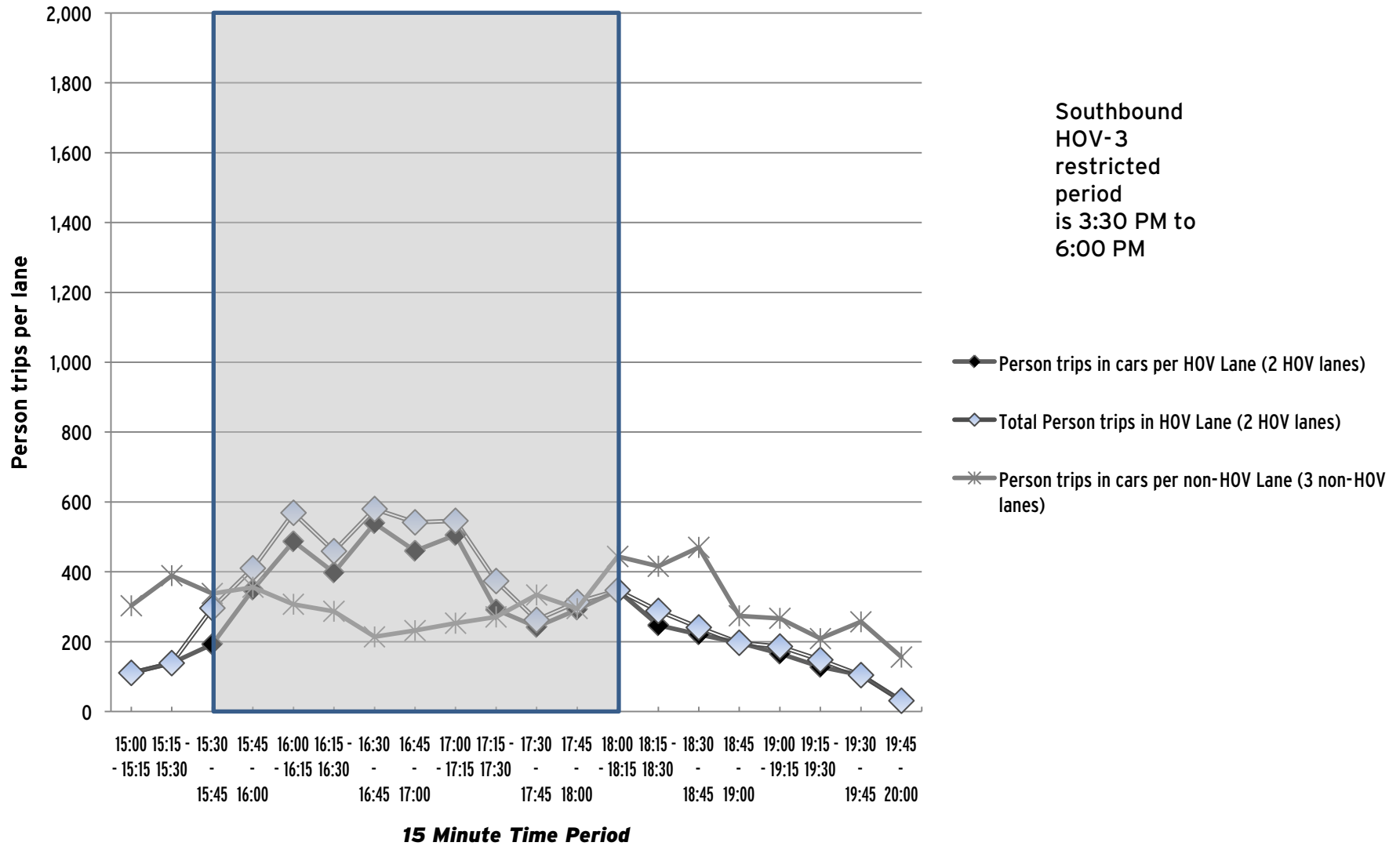
5-Hour Totals

Vehicles	14,932	1,336	100	21	N/A	N/A	46	16,435	18,220	0	33	0	0	0	18,220	855	17,323	0	0
Persons	14,932	2,672	318	252			46												

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:45 PM 7:45 PM)
Highway Passengers	18,220	8,660
Rail Passengers	0	0
Auto and Motorcycle Passengers	18,220	8,660
Autos and Motorcycles	16,435	7,692
Average Auto Occupancy (Includes Motorcycles)	1.11	1.13

I-95 Southbound north of Va. 234 (Dumfries Road) P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-66 Westbound on the Roosevelt Bridge
 All Lanes Total
 Spring 2010 - 22 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers					
15:00 - 15:15	763	171	21	4	1.27	4.60	8	967	1,228	0	13	0	520	1,748	0	981	0	0	
15:15 - 15:30	823	132	15	4	1.21	5.11	4	978	1,188	0	12	0	480	1,668	0	990	0	0	
15:30 - 15:45	792	118	23	2	1.21	4.32	3	938	1,139	0	8	0	320	1,459	8	954	0	0	
15:45 - 16:00	809	150	26	2	1.24	4.11	1	988	1,225	1	5	40	200	1,465	6	1,000	0	0	
16:00 - 16:15	838	206	35	11	1.37	5.37	3	1,093	1,500	0	11	0	440	1,940	1	1,106	0	0	
16:15 - 16:30	951	206	32	10	1.32	5.40	7	1,206	1,597	2	10	80	400	2,077	3	1,221	0	0	
16:30 - 16:45	886	198	25	4	1.27	4.72	6	1,119	1,425	0	8	0	320	1,745	3	1,132	0	0	
16:45 - 17:00	1,028	278	30	8	1.32	5.11	7	1,351	1,785	3	12	120	480	2,385	2	1,369	0	0	
17:00 - 17:15	1,037	313	27	13	1.37	6.03	4	1,394	1,908	0	7	0	280	2,188	5	1,407	0	0	
17:15 - 17:30	1,214	321	19	11	1.31	6.67	6	1,571	2,062	4	7	160	280	2,502	1	1,583	0	0	
17:30 - 17:45	1,100	294	13	11	1.31	7.25	4	1,422	1,866	0	5	0	200	2,066	2	1,431	0	0	
17:45 - 18:00	797	179	20	9	1.32	6.00	6	1,011	1,335	4	5	160	200	1,695	3	1,023	0	0	
18:00 - 18:15	1,067	308	27	7	1.31	5.03	9	1,418	1,863	0	4	0	160	2,023	2	1,424	0	0	
18:15 - 18:30	1,228	182	39	2	1.20	3.85	8	1,459	1,758	4	4	160	160	2,078	1	1,468	0	0	
18:30 - 18:45	1,309	222	26	2	1.19	3.89	5	1,564	1,867	0	7	0	280	2,147	0	1,571	0	0	
18:45 - 19:00	1,352	167	15	2	1.15	4.47	0	1,536	1,762	3	17	120	680	2,562	0	1,556	0	0	
19:00 - 19:15	1,275	107	5	1	1.09	4.67	1	1,389	1,518	0	4	0	160	1,678	1	1,394	0	0	
19:15 - 19:30	1,312	96	2	1	1.08	6.00	6	1,417	1,528	2	2	80	80	1,688	1	1,422	0	0	
19:30 - 19:45	1,136	102	5	3	1.12	6.50	2	1,248	1,394	0	7	0	280	1,674	0	1,255	0	0	
19:45 - 20:00	687	37	0	1	1.07	12.00	0	725	773	0	0	0	0	773	3	728	0	0	

5-Hour Totals

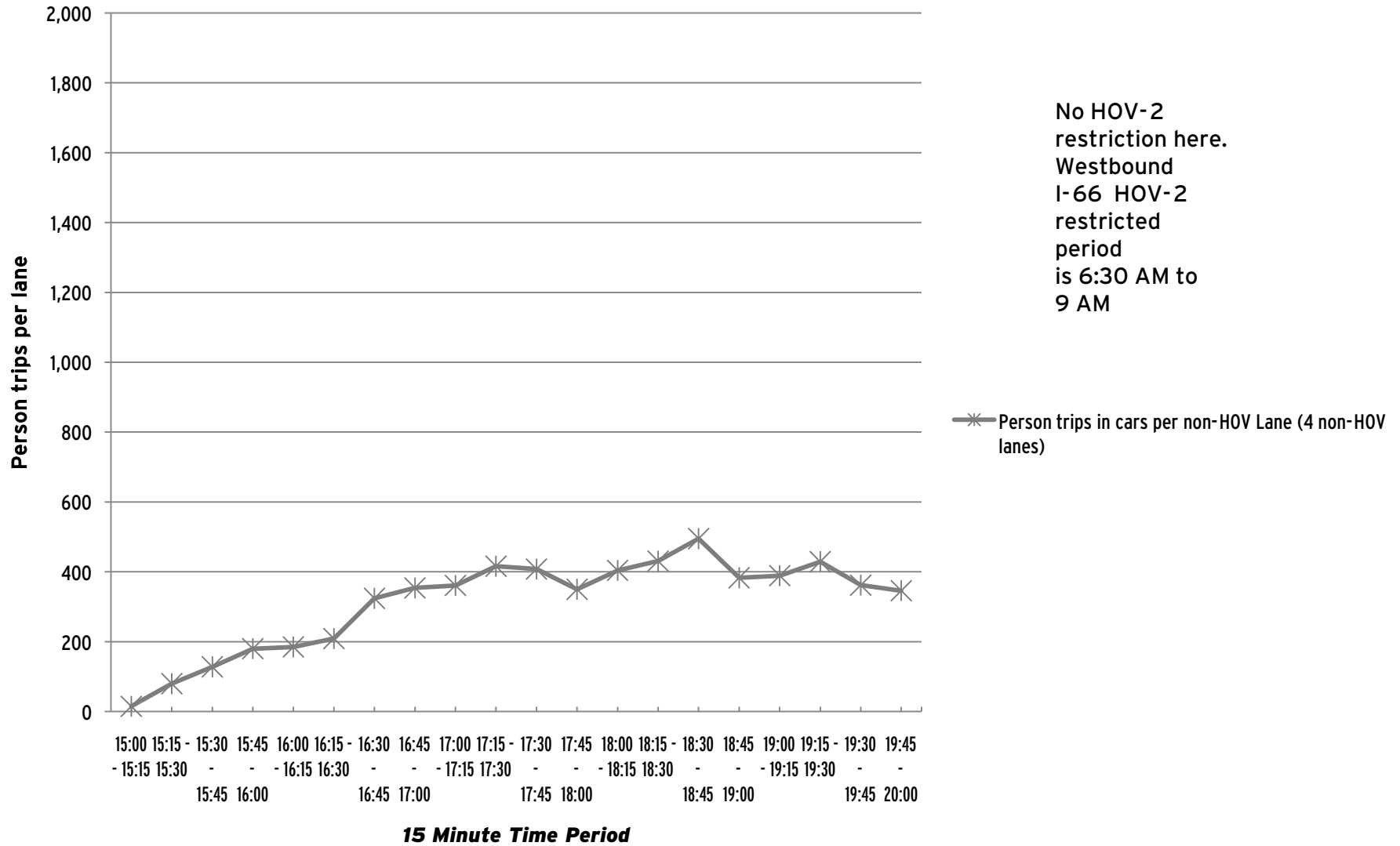
Vehicles	20,404	3,787	405	108	N/A	N/A	90	24,794	30,721	23	148	920	5,920	37,561	42	25,015	0	0
Persons	20,404	7,574	1,357	1,296			90											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (3:30 PM - 6:00 PM)	6:00 PM - 7:00 PM)	(6:00 PM)
Highway Passengers	37,561	19,522	8,810
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	30,721	15,842	7,250
Autos and Motorcycles	24,794	12,093	5,977
Average Auto Occupancy (Includes Motorcycles)	1.24	1.31	1.21

I-66 Westbound at T. Roosevelt Bridge P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval

No HOV-2 restriction here.
Westbound I-66 HOV-2 restricted period is 6:30 AM to 9 AM



I-66 westbound at Lee Highway (US29) in Lyon Village, Arlington

All Lanes Total

Spring 2010 - 6 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+ MC Riders	Trucks			
15:00 - 15:15	427	83	8	2	1.24	5.10	1	521	644	0	5	0	200	844	0	522	0	0
15:15 - 15:30	361	80	1	1	1.21	7.50	6	449	537	1	2	35	80	652	0	454	0	0
15:30 - 15:45	414	87	2	0	1.18	3.00	4	507	595	1	5	27	200	822	0	513	0	0
15:45 - 16:00	427	149	9	1	1.30	4.00	6	592	765	2	7	59	280	1,104	3	603	0	0
16:00 - 16:15	298	248	18	6	1.61	5.42	13	583	925	0	6	0	240	1,165	0	588	0	0
16:15 - 16:30	224	382	50	12	1.90	4.81	26	694	1,291	3	10	85	400	1,776	0	709	0	0
16:30 - 16:45	221	440	56	18	1.99	5.20	21	756	1,487	0	10	0	400	1,887	3	770	0	0
16:45 - 17:00	219	345	49	9	1.85	4.47	24	646	1,169	3	7	107	280	1,556	4	658	0	0
17:00 - 17:15	252	314	32	8	1.76	4.83	13	619	1,077	0	5	0	200	1,277	1	629	0	0
17:15 - 17:30	342	315	28	3	1.58	3.94	20	708	1,096	2	7	64	280	1,440	3	721	0	0
17:30 - 17:45	306	324	12	1	1.55	3.77	10	653	1,003	2	5	77	200	1,280	3	663	0	0
17:45 - 18:00	344	337	19	4	1.58	4.61	18	722	1,124	1	4	22	160	1,306	3	727	0	0
18:00 - 18:15	384	259	26	0	1.46	3.08	8	677	983	1	11	27	440	1,450	0	691	0	0
18:15 - 18:30	500	187	8	1	1.30	4.11	11	707	911	1	8	22	320	1,253	0	716	0	0
18:30 - 18:45	576	142	10	0	1.22	3.10	5	733	892	1	7	51	280	1,223	1	743	0	0
18:45 - 19:00	481	188	13	2	1.34	4.27	6	690	921	1	2	22	80	1,023	0	692	0	0
19:00 - 19:15	542	121	5	4	1.26	7.22	4	676	851	1	7	26	280	1,157	0	685	0	0
19:15 - 19:30	465	131	16	2	1.31	4.22	5	619	805	0	4	0	160	965	1	627	0	0
19:30 - 19:45	482	124	6	2	1.26	5.25	5	619	772	1	7	29	280	1,081	0	626	0	0
19:45 - 20:00	361	37	3	5	1.24	8.63	5	411	505	0	2	0	80	585	1	414	0	0

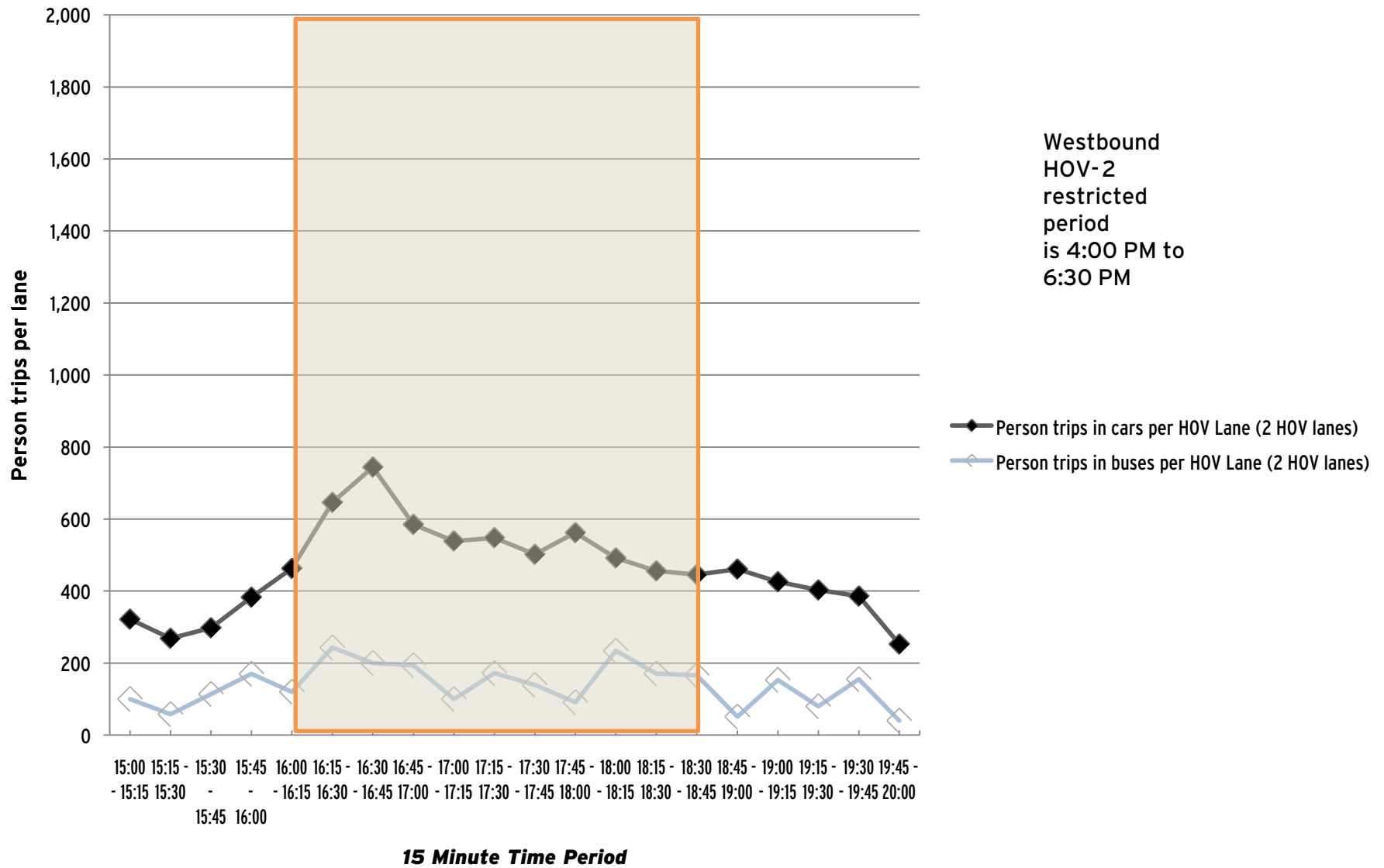
5-Hour Totals

Vehicles	7,626	4,293	371	81	N/A	N/A	211	12,582	18,353	21	121	653	4,840	23,846	23	12,751	0	0
Persons	7,626	8,586	1,146	972			211											

I-66 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (5:45 PM 6:45 PM)
Highway Passengers	23,846	14,390
Rail Passengers	0	0
Auto and Motorcycle Passengers	18,353	11,066
Autos and Motorcycles	12,582	6,765
Average Auto Occupancy (Includes Motorcycles)	1.46	1.64

**I-66 Westbound
At Spout Run Parkway underpass
Observed person trips per lane by 15 minute interval**



I-66 westbound between Fairfax Drive and Sycamore Street

All Lanes Total

Spring 2010 - 6 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Transit					
15:00 - 15:15	498	84	16	5	1.29	5.29	7	610	777	0	5	0	200	977	0	615	0	0		
15:15 - 15:30	497	59	17	5	1.26	5.14	3	581	730	1	1	35	40	805	0	584	0	0		
15:30 - 15:45	669	101	20	7	1.28	5.56	6	803	1,021	1	2	27	80	1,128	6	811	0	0		
15:45 - 16:00	668	129	22	3	1.25	4.20	11	833	1,033	2	4	59	160	1,252	3	842	0	0		
16:00 - 16:15	604	194	31	5	1.38	4.47	10	844	1,156	0	0	0	0	1,156	12	865	0	0		
16:15 - 16:30	574	255	19	11	1.48	6.37	26	885	1,284	3	10	85	400	1,769	4	901	2,361	0		
16:30 - 16:45	555	221	2	10	1.42	10.50	18	806	1,129	0	0	0	0	1,129	4	819	0	0		
16:45 - 17:00	637	193	0	6	1.31	12.00	22	858	1,099	3	8	107	320	1,526	4	871	3,012	0		
17:00 - 17:15	602	219	0	3	1.31	12.00	20	844	1,082	0	0	0	0	1,082	1	854	0	0		
17:15 - 17:30	595	225	2	3	1.32	8.40	17	842	1,093	2	12	64	480	1,637	3	852	3,826	0		
17:30 - 17:45	446	281	6	4	1.45	6.60	21	758	1,077	2	4	77	160	1,314	2	767	0	0		
17:45 - 18:00	462	356	11	6	1.52	6.29	18	853	1,281	1	4	22	160	1,463	4	861	3,420	0		
18:00 - 18:15	418	327	8	10	1.59	8.06	11	774	1,218	1	7	27	280	1,525	2	784	0	0		
18:15 - 18:30	435	341	35	2	1.54	3.57	9	822	1,255	1	2	22	80	1,357	3	833	2,572	0		
18:30 - 18:45	579	249	13	1	1.34	3.79	8	850	1,134	1	0	51	0	1,185	0	855	0	0		
18:45 - 19:00	603	285	33	2	1.41	3.69	10	933	1,303	1	3	22	120	1,445	1	936	1,676	0		
19:00 - 19:15	589	252	15	2	1.36	4.18	5	863	1,165	1	0	26	0	1,191	1	867	0	0		
19:15 - 19:30	711	43	2	2	1.10	7.75	3	761	833	0	2	0	80	913	1	769	0	0		
19:30 - 19:45	772	137	3	3	1.19	7.83	7	922	1,094	1	5	29	200	1,323	0	928	0	0		
19:45 - 20:00	724	94	0	3	1.16	12.00	5	826	952	0	2	0	80	1,032	0	832	0	0		

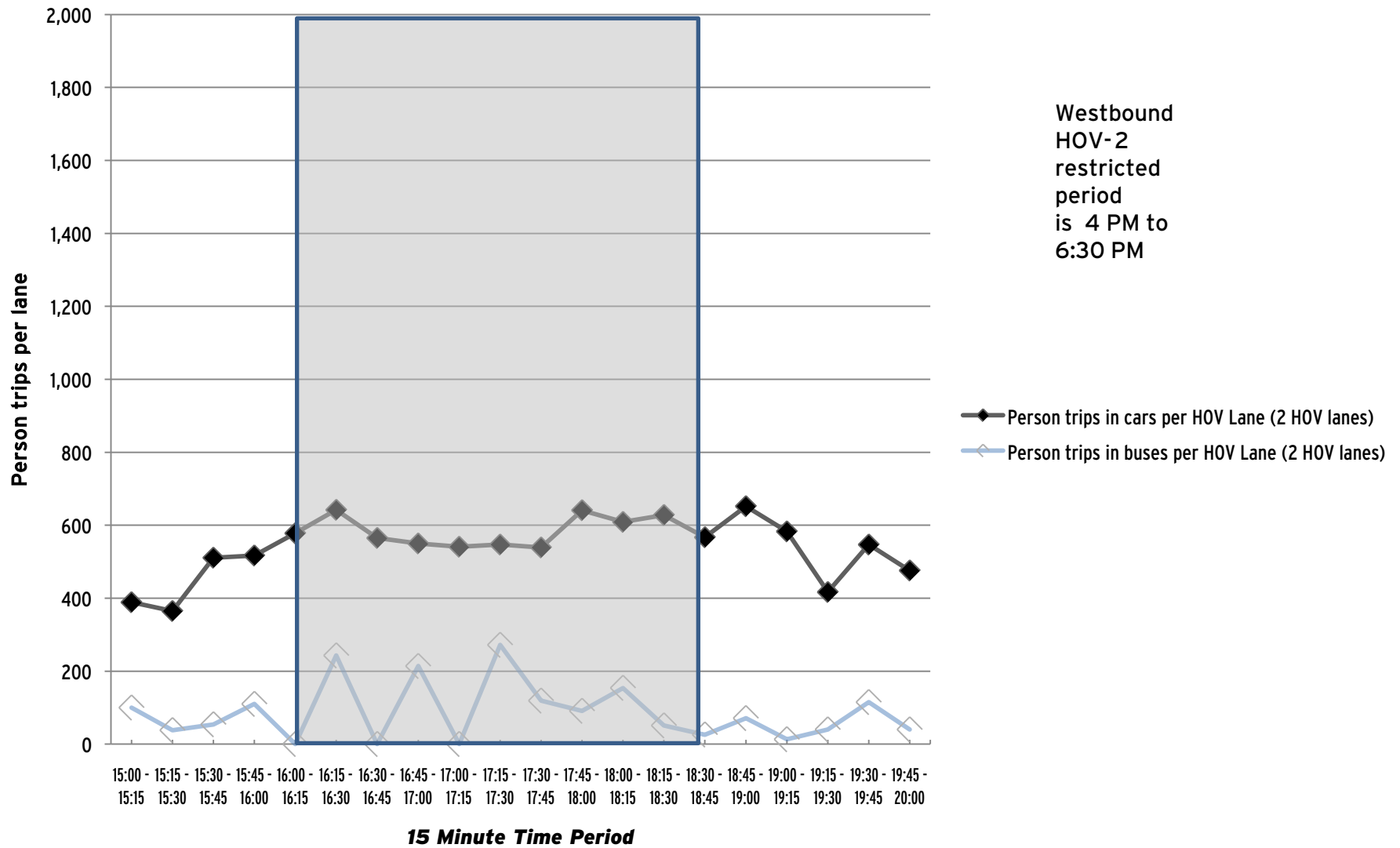
5-Hour Totals

Vehicles	11,638	4,045	255	93	N/A	N/A	237	16,268	21,716	21	71	653	2,840	25,209	51	16,446	16,867	0
Persons	11,638	8,090	808	1,116			237											

I-66 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (6:45 PM 7:45 PM)	
Highway Passengers	25,209	13,958	4,872
Rail Passengers	16,867	15,191	1,676 <i>Rail system patronage 4 PM to 7 PM only</i>
Auto and Motorcycle Passengers	21,716	11,674	4,395
Autos and Motorcycles	16,268	8,286	3,479
Average Auto Occupancy (Includes Motorcycles)	1.33	1.41	1.26

I-66 Westbound between Fairfax Drive and Sycamore Street P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-66 westbound between VA-7 and I-495

All Lanes Total

Spring 2010 - 6 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	203	26	7	0	1.19	3.71	3	239	281	0	1	0	35	316	0	240	0	0	
15:15 - 15:30	422	100	6	1	1.23	4.43	7	536	653	0	1	0	35	688	0	537	0	0	
15:30 - 15:45	501	78	11	1	1.19	3.83	3	594	703	0	1	0	35	738	2	597	0	0	
15:45 - 16:00	518	71	16	1	1.19	3.76	14	620	724	0	0	0	724	10	630	0	0		
16:00 - 16:15	335	123	12	3	1.37	4.87	10	483	654	0	3	0	105	759	3	489	0	0	
16:15 - 16:30	280	156	15	5	1.52	5.45	14	470	701	0	4	0	140	841	4	478	0	0	
16:30 - 16:45	223	208	32	3	1.64	3.91	15	481	776	0	5	0	175	951	2	488	0	0	
16:45 - 17:00	191	222	24	1	1.63	3.52	13	451	724	0	6	0	210	934	1	460	0	0	
17:00 - 17:15	188	245	18	1	1.63	3.53	14	466	745	0	3	0	105	850	4	474	0	0	
17:15 - 17:30	171	266	28	1	1.71	3.62	16	482	810	0	5	0	175	985	0	487	0	0	
17:30 - 17:45	171	209	40	1	1.71	3.37	13	434	727	0	1	0	35	762	4	439	0	0	
17:45 - 18:00	160	240	39	4	1.81	3.88	6	449	807	0	4	0	140	947	1	454	0	0	
18:00 - 18:15	163	229	40	5	1.84	4.11	5	442	807	0	6	0	210	1,017	4	452	0	0	
18:15 - 18:30	237	196	16	0	1.50	3.06	5	454	678	0	1	0	35	713	2	457	0	0	
18:30 - 18:45	506	153	9	1	1.27	4.00	5	674	852	0	0	0	852	1	675	0	0		
18:45 - 19:00	471	125	11	0	1.24	3.18	7	614	757	0	3	0	105	862	3	620	0	0	
19:00 - 19:15	537	142	11	2	1.28	4.85	6	698	885	0	1	0	35	920	1	700	0	0	
19:15 - 19:30	600	142	15	3	1.27	4.61	4	764	967	0	4	0	140	1,107	2	770	0	0	
19:30 - 19:45	560	103	9	1	1.20	4.00	8	681	807	0	8	0	280	1,087	1	690	0	0	
19:45 - 20:00	362	59	6	1	1.19	4.43	4	432	511	0	1	0	35	546	2	435	0	0	

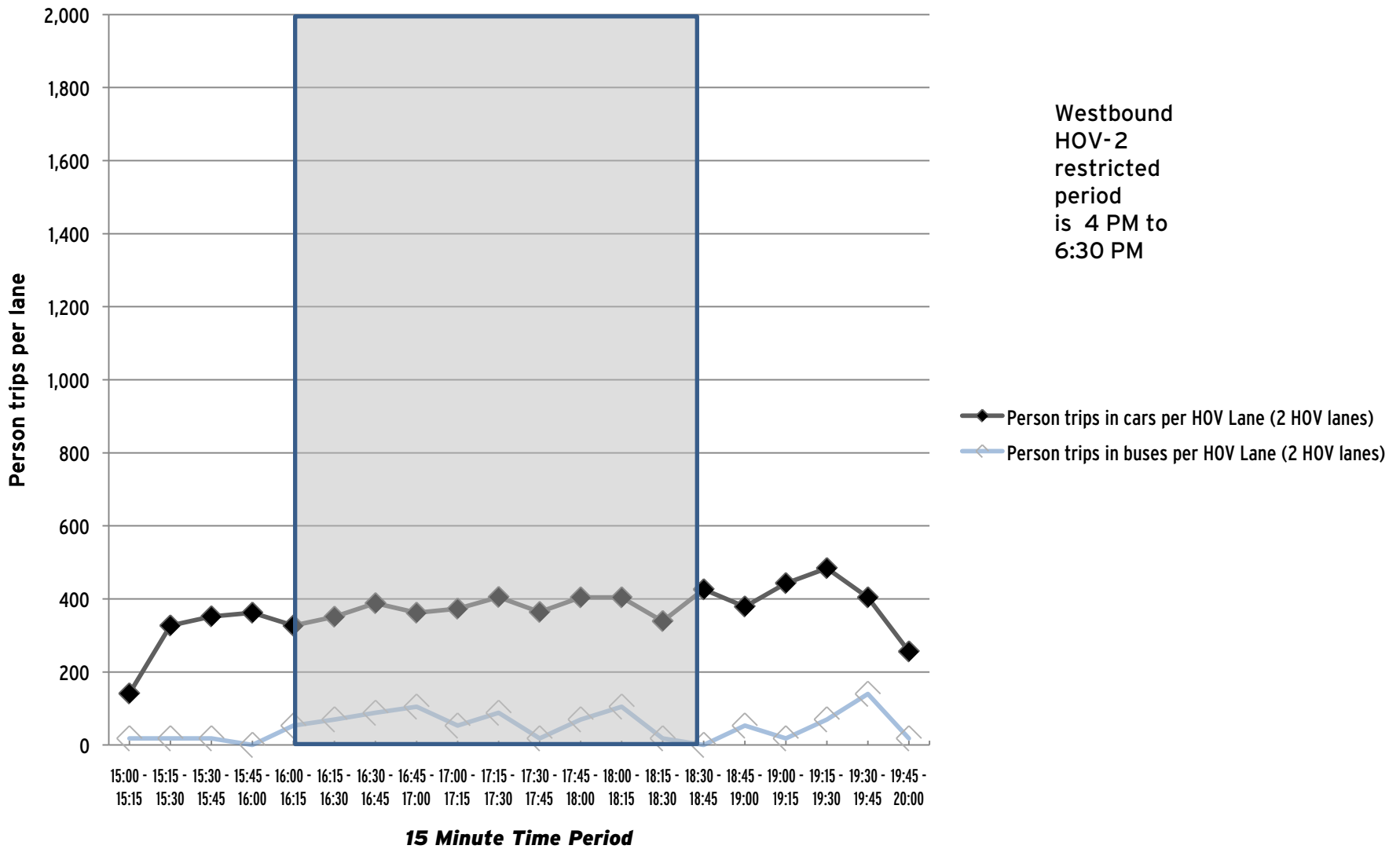
5-Hour Totals

Vehicles	6,799	3,093	365	35	N/A	N/A	172	10,464	14,569	0	58	0	2,030	16,599	47	10,572	0	0
Persons	6,799	6,186	1,157	420			172											

I-66 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (6:45 PM 7:45 PM)
Highway Passengers	16,599	8,759
Rail Passengers	0	0
Auto and Motorcycle Passengers	14,569	7,429
Autos and Motorcycles	10,464	4,612
Average Auto Occupancy (Includes Motorcycles)	1.39	1.61

I-66 Westbound between Va. 7 (Leesburg Pike) and I-495 P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-66 Westbound between I-495 and Va. 243 (Nutley Street)

All Lanes Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit	Other	Transit	Other	+ MC Riders	Trucks				
15:00 - 15:15	55	1	1	0	1.05	3.00	0	57	60	0	0	0	0	60	0	57	0	0	
15:15 - 15:30	403	137	4	2	1.30	6.00	2	548	715	0	2	0	35	750	0	550	0	0	
15:30 - 15:45	1,220	245	16	2	1.20	4.11	10	1,493	1,794	0	2	0	35	1,829	0	1,495	0	0	
15:45 - 16:00	1,233	233	13	2	1.19	4.40	8	1,489	1,773	0	1	0	35	1,808	23	1,513	0	0	
16:00 - 16:15	1,164	226	15	5	1.22	5.50	15	1,425	1,741	0	2	0	35	1,776	33	1,460	0	0	
16:15 - 16:30	1,112	231	13	8	1.25	6.48	14	1,378	1,724	0	5	0	35	1,759	45	1,428	1,129	0	
16:30 - 16:45	1,056	252	23	13	1.33	6.42	16	1,360	1,807	0	6	0	35	1,842	44	1,412	0	0	
16:45 - 17:00	992	273	12	12	1.33	7.54	14	1,303	1,733	0	4	0	105	1,838	52	1,359	1,351	0	
17:00 - 17:15	1,004	266	18	3	1.26	4.48	12	1,303	1,642	0	8	0	175	1,817	46	1,357	0	0	
17:15 - 17:30	1,093	260	17	2	1.23	4.00	10	1,382	1,699	0	4	0	35	1,734	31	1,418	1,756	0	
17:30 - 17:45	1,046	293	14	2	1.25	4.19	10	1,365	1,709	0	2	0	35	1,744	53	1,420	0	0	
17:45 - 18:00	1,050	244	8	2	1.21	4.80	22	1,326	1,608	0	5	0	140	1,748	26	1,357	1,492	0	
18:00 - 18:15	1,205	306	8	0	1.21	3.25	20	1,539	1,863	0	7	0	210	2,073	32	1,578	0	0	
18:15 - 18:30	1,266	325	17	3	1.24	4.55	11	1,622	2,018	0	1	0	35	2,053	23	1,646	1,108	0	
18:30 - 18:45	1,255	241	28	2	1.21	3.67	15	1,541	1,862	0	2	0	70	1,932	33	1,578	0	0	
18:45 - 19:00	1,314	229	24	0	1.18	3.29	15	1,582	1,866	0	4	0	105	1,971	26	1,612	678	0	
19:00 - 19:15	1,430	164	7	2	1.13	5.11	4	1,607	1,808	0	8	0	105	1,913	34	1,650	0	0	
19:15 - 19:30	1,045	144	14	3	1.17	5.00	13	1,219	1,431	0	0	0	0	1,431	28	1,247	0	0	
19:30 - 19:45	1,175	102	3	1	1.09	5.25	8	1,289	1,408	0	3	0	70	1,478	46	1,341	0	0	
19:45 - 20:00	1,009	62	7	0	1.07	3.43	7	1,085	1,164	0	3	0	0	1,164	27	1,117	0	0	

5-Hour Totals

Vehicles	21,127	4,234	262	64	N/A	N/A	226	25,913	31,425	0	69	0	1,295	32,720	602	26,595	7,514	0
Persons	21,127	8,468	836	768			226											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours	(3:00 PM - 7:00 PM)	(6:15 PM - 7:15 PM)
Highway Passengers	32,720	26,734	7,869
Rail Passengers	7,514	7,514	1,786 <i>Rail system patronage 4 PM to 7 PM only</i>
Auto and Motorcycle Passengers	31,425	25,614	7,554
Autos and Motorcycles	25,913	20,713	6,352
Average Auto Occupancy (Includes Motorcycles)	1.21	1.24	1.19

I-66 Westbound between I-495 and Va. 243 (Nutley Street)

HOV Lane Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0	
15:15 - 15:30	62	123	4	2	1.79	6.00	2	193	346	0	1	0	35	381	0	194	0	0	
15:30 - 15:45	94	207	14	1	1.76	3.67	9	325	572	0	1	0	35	607	0	326	0	0	
15:45 - 16:00	90	210	9	2	1.79	4.73	8	319	570	0	1	0	35	605	1	321	0	0	
16:00 - 16:15	60	210	14	3	1.92	4.88	12	299	575	0	1	0	35	610	1	301	0	0	
16:15 - 16:30	89	204	12	7	1.96	6.37	7	319	625	0	1	0	35	660	0	320	0	0	
16:30 - 16:45	44	207	20	11	2.30	6.39	6	288	662	0	1	0	35	697	1	290	0	0	
16:45 - 17:00	41	231	10	9	2.18	7.26	6	297	647	0	3	0	105	752	2	302	0	0	
17:00 - 17:15	49	220	15	2	1.94	4.24	6	292	567	0	5	0	175	742	1	298	0	0	
17:15 - 17:30	39	205	9	1	1.91	3.90	2	256	490	0	1	0	35	525	1	258	0	0	
17:30 - 17:45	56	211	7	1	1.84	4.25	6	281	518	0	1	0	35	553	2	284	0	0	
17:45 - 18:00	80	186	2	1	1.72	6.00	11	280	481	0	4	0	140	621	0	284	0	0	
18:00 - 18:15	67	185	2	0	1.72	3.00	8	262	451	0	6	0	210	661	0	268	0	0	
18:15 - 18:30	53	191	12	1	1.88	4.00	4	261	491	0	1	0	35	526	0	262	0	0	
18:30 - 18:45	86	192	19	2	1.83	3.90	7	306	559	0	2	0	70	629	0	310	0	0	
18:45 - 19:00	96	194	23	0	1.77	3.30	9	322	569	0	3	0	105	674	0	325	0	0	
19:00 - 19:15	223	115	3	0	1.35	3.00	3	344	465	0	3	0	105	570	0	348	0	0	
19:15 - 19:30	267	69	1	2	1.27	9.00	4	343	436	0	0	0	0	436	2	345	0	0	
19:30 - 19:45	411	34	0	0	1.08	0.00	6	451	485	0	2	0	70	555	0	453	0	0	
19:45 - 20:00	355	9	1	0	1.03	3.00	3	368	379	0	0	0	0	379	2	371	0	0	

5-Hour Totals

Vehicles	2,263	3,204	178	45	N/A	N/A	119	5,809	9,894	0	37	0	1,295	11,189	13	5,863	0	0
Persons	2,263	6,408	564	540			119											

I-66 HOV Restricted

	Period 5 Hours (3:00 PM - 7:00 PM)	Peak Hour (6:15 PM - 7:15 PM)
Highway Passengers	11,189	9,249
Rail Passengers	0	0
Auto and Motorcycle Passengers	9,894	8,129
Autos and Motorcycles	5,809	4,303
Average Auto Occupancy (Includes Motorcycles)	1.70	1.89

I-66 Westbound between I-495 and Va. 243 (Nutley Street)

Non-HOV Lane Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit	Other	Transit	Other	+ MC Riders	Trucks				
15:00 - 15:15	54	0	0	0	1.00	0.00	0	54	54	0	0	0	0	54	0	54	0	0	
15:15 - 15:30	341	14	0	0	1.04	0.00	0	355	369	0	1	0	0	369	0	356	0	0	
15:30 - 15:45	1,126	38	2	1	1.05	6.33	1	1,168	1,222	0	1	0	0	1,222	0	1,169	0	0	
15:45 - 16:00	1,143	23	4	0	1.03	3.50	0	1,170	1,203	0	0	0	0	1,203	22	1,192	0	0	
16:00 - 16:15	1,104	16	1	2	1.04	9.00	3	1,126	1,166	0	1	0	0	1,166	32	1,159	0	0	
16:15 - 16:30	1,023	27	1	1	1.04	7.50	7	1,059	1,099	0	4	0	0	1,099	45	1,108	0	0	
16:30 - 16:45	1,012	45	3	2	1.07	6.60	10	1,072	1,145	0	5	0	0	1,145	43	1,122	0	0	
16:45 - 17:00	951	42	2	3	1.08	8.60	8	1,006	1,086	0	1	0	0	1,086	50	1,057	0	0	
17:00 - 17:15	955	46	3	1	1.06	5.50	6	1,011	1,075	0	3	0	0	1,075	45	1,059	0	0	
17:15 - 17:30	1,054	55	8	1	1.07	4.11	8	1,126	1,209	0	3	0	0	1,209	30	1,160	0	0	
17:30 - 17:45	990	82	7	1	1.10	4.13	4	1,084	1,191	0	1	0	0	1,191	51	1,136	0	0	
17:45 - 18:00	970	58	6	1	1.08	4.29	11	1,046	1,127	0	1	0	0	1,127	26	1,073	0	0	
18:00 - 18:15	1,138	121	6	0	1.11	3.33	12	1,277	1,412	0	1	0	0	1,412	32	1,310	0	0	
18:15 - 18:30	1,213	134	5	2	1.12	5.57	7	1,361	1,527	0	0	0	0	1,527	23	1,384	0	0	
18:30 - 18:45	1,169	49	9	0	1.06	3.11	8	1,235	1,303	0	0	0	0	1,303	33	1,268	0	0	
18:45 - 19:00	1,218	35	1	0	1.03	3.00	6	1,260	1,297	0	1	0	0	1,297	26	1,287	0	0	
19:00 - 19:15	1,207	49	4	2	1.06	6.17	1	1,263	1,343	0	5	0	0	1,343	34	1,302	0	0	
19:15 - 19:30	778	75	13	1	1.14	4.14	9	876	995	0	0	0	0	995	26	902	0	0	
19:30 - 19:45	764	68	3	1	1.10	5.25	2	838	923	0	1	0	0	923	46	888	0	0	
19:45 - 20:00	654	53	6	0	1.09	3.50	4	717	785	0	3	0	0	785	25	746	0	0	

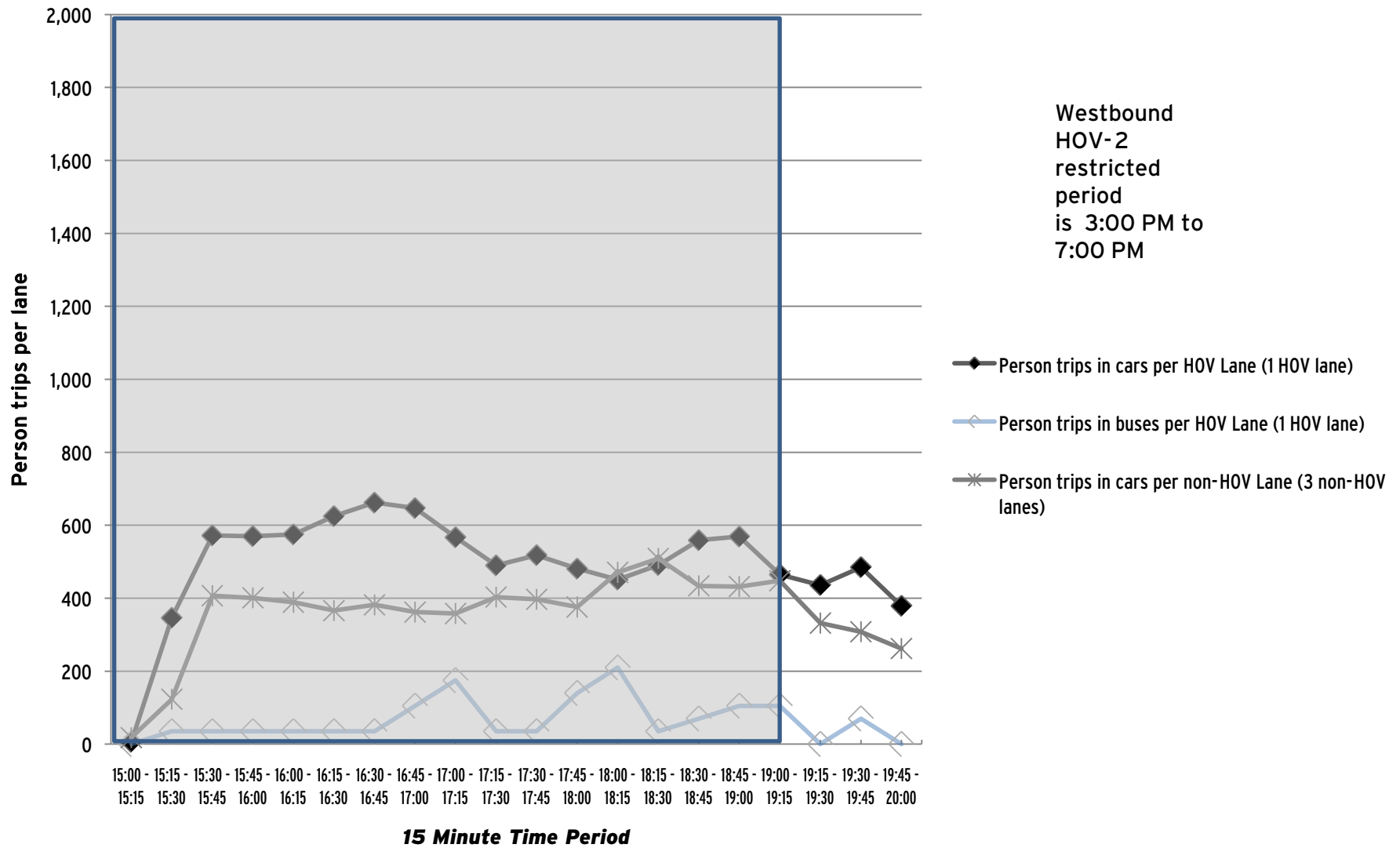
5-Hour Totals

Vehicles	18,864	1,030	84	19	N/A	N/A	107	20,104	21,531	0	32	0	0	21,531	589	20,732	0	0
Persons	18,864	2,060	272	228			107											

I-66 HOV Restricted

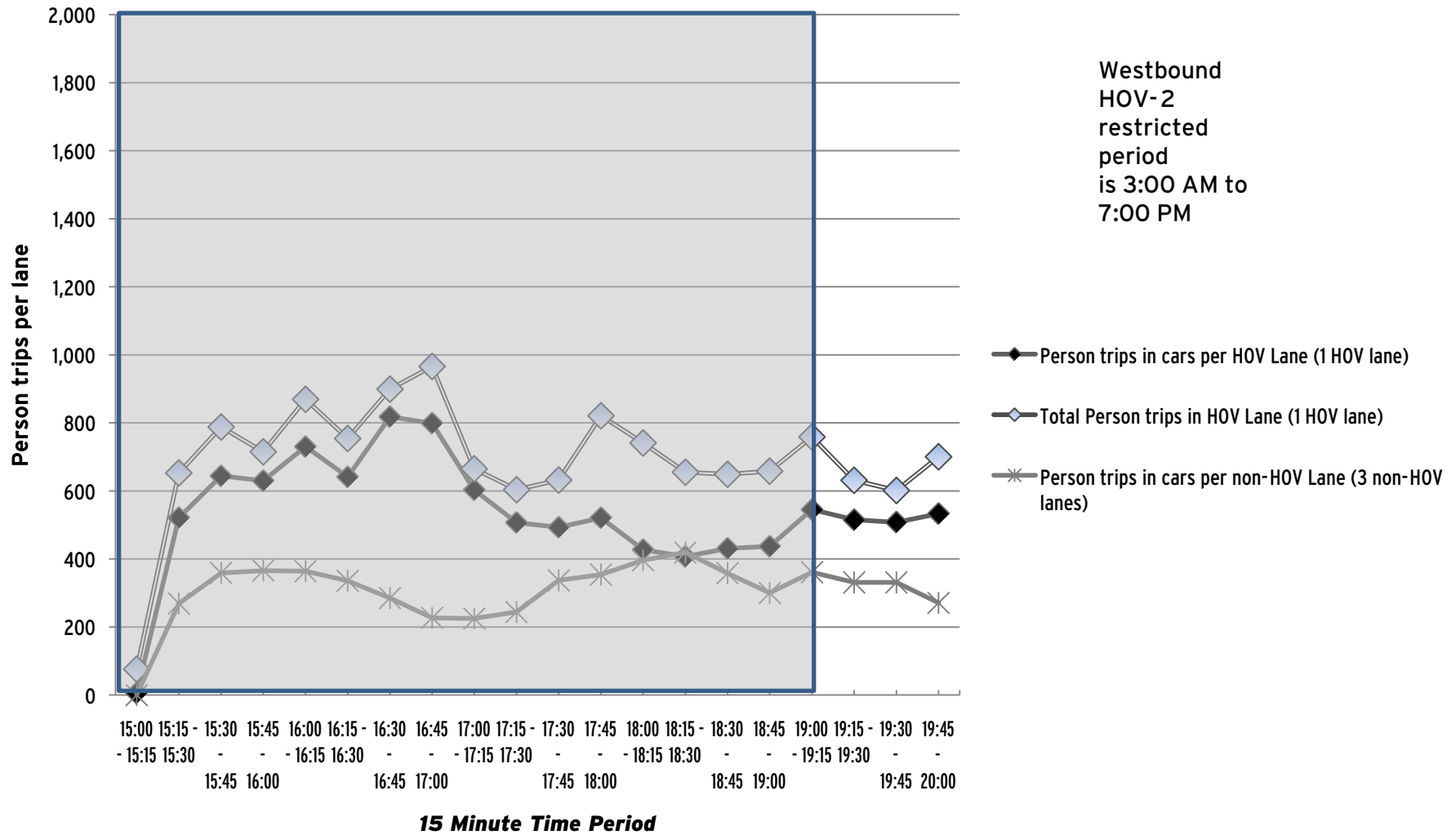
	Period		Peak Hour
	5 Hours	(3:00 PM - 7:00 PM)	(6:15 PM - 7:15 PM)
Highway Passengers	21,531	17,485	5,470
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	21,531	17,485	5,470
Autos and Motorcycles	20,104	16,410	5,119
Average Auto Occupancy (Includes Motorcycles)	1.07	1.07	1.07

I-66 Westbound between I-495 and Va. 243 (Nutley Street) P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-66 Westbound between Va. 243 (Nutley St.) and Va. 123 (Chain Bridge Rd.) A.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval

Westbound
HOV-2
restricted
period
is 3:00 AM to
7:00 PM



I-66 Westbound between Va. 243 (Nutley Street) and VA-123 (Chain Bridge Rd)

All Lanes Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	1	1	1	0	2.00	3.00	0	3	6	3	0	70	0	76	0	6	0	0	
15:15 - 15:30	339	156	5	2	1.37	5.57	2	504	692	3	1	78	35	805	0	508	0	0	
15:30 - 15:45	1,351	301	20	4	1.23	4.67	11	1,687	2,076	0	5	0	35	2,111	0	1,692	0	0	
15:45 - 16:00	1,229	269	19	4	1.23	4.74	10	1,531	1,886	5	6	115	35	2,036	27	1,569	0	0	
16:00 - 16:15	1,087	251	17	6	1.26	5.57	14	1,375	1,731	4	2	99	35	1,865	45	1,426	0	0	
16:15 - 16:30	1,108	268	16	8	1.28	6.08	12	1,412	1,802	5	15	109	35	1,946	50	1,482	0	0	
16:30 - 16:45	1,046	289	25	14	1.36	6.44	14	1,388	1,889	4	12	93	35	2,017	52	1,460	0	0	
16:45 - 17:00	986	311	16	12	1.36	6.93	12	1,337	1,814	3	8	77	105	1,996	69	1,417	0	0	
17:00 - 17:15	1,022	316	26	3	1.30	4.28	11	1,378	1,789	5	14	99	175	2,063	50	1,447	0	0	
17:15 - 17:30	1,023	303	22	2	1.27	3.79	8	1,358	1,728	2	8	55	35	1,818	42	1,411	0	0	
17:30 - 17:45	971	292	17	4	1.29	4.81	10	1,294	1,666	5	8	115	35	1,816	57	1,364	0	0	
17:45 - 18:00	936	267	10	2	1.25	4.67	20	1,235	1,546	4	5	93	105	1,744	36	1,280	0	0	
18:00 - 18:15	997	302	11	0	1.25	3.45	13	1,323	1,652	4	10	93	210	1,955	29	1,366	0	0	
18:15 - 18:30	1,014	333	18	3	1.29	4.48	11	1,379	1,785	3	6	71	35	1,891	23	1,411	0	0	
18:30 - 18:45	1,129	267	33	6	1.28	4.46	10	1,445	1,847	4	8	93	70	2,010	37	1,496	0	0	
18:45 - 19:00	1,296	303	34	0	1.23	3.32	10	1,643	2,025	4	12	99	105	2,229	35	1,694	0	0	
19:00 - 19:15	1,384	164	7	2	1.13	5.11	4	1,561	1,762	4	6	93	105	1,960	34	1,606	0	0	
19:15 - 19:30	1,045	144	14	3	1.17	5.00	13	1,219	1,431	4	0	93	0	1,524	28	1,251	0	0	
19:30 - 19:45	1,175	102	3	1	1.09	5.25	8	1,289	1,408	4	3	93	70	1,571	46	1,345	0	0	
19:45 - 20:00	1,009	62	7	0	1.07	3.43	7	1,085	1,164	1	3	16	0	1,180	27	1,118	0	0	

5-Hour Totals

Vehicles	20,148	4,701	321	76	N/A	N/A	200	25,446	31,699	71	132	1,654	1,260	34,613	687	26,349	0	0
Persons	20,148	9,402	1,037	912			200											

I-66 HOV Restricted

	Period 5 Hours (3:00 PM - 7:00 PM)	Peak Hour (6:15 PM - 7:15 PM)
Highway Passengers	34,613	28,378
Rail Passengers	0	0
Auto and Motorcycle Passengers	31,699	25,934
Autos and Motorcycles	25,446	20,292
Average Auto Occupancy (Includes Motorcycles)	1.25	1.28

I-66 Westbound between Va. 243 (Nutley Street) and VA-123 (Chain Bridge Rd)

HOV Lane Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit			Other	+Bus Passengers						
15:00 - 15:15	1	1	1	0	2.00	3.00	0	3	6	3	0	70	0	76	0	6	0	0		
15:15 - 15:30	62	123	4	2	1.79	6.00	2	193	346	3	1	78	35	459	0	197	0	0		
15:30 - 15:45	94	207	14	1	1.76	3.67	9	325	572	0	1	0	35	607	0	326	0	0		
15:45 - 16:00	90	210	9	2	1.79	4.73	8	319	570	5	1	115	35	720	1	326	0	0		
16:00 - 16:15	60	210	14	3	1.92	4.88	12	299	575	4	1	99	35	709	1	305	0	0		
16:15 - 16:30	89	204	12	7	1.96	6.37	7	319	625	5	1	109	35	769	0	325	0	0		
16:30 - 16:45	44	207	20	11	2.30	6.39	6	288	662	4	1	93	35	790	1	294	0	0		
16:45 - 17:00	41	231	10	9	2.18	7.26	6	297	647	3	3	77	105	829	2	305	0	0		
17:00 - 17:15	49	220	15	2	1.94	4.24	6	292	567	5	5	99	175	841	1	303	0	0		
17:15 - 17:30	39	205	9	1	1.91	3.90	2	256	490	2	1	55	35	580	1	260	0	0		
17:30 - 17:45	56	211	7	1	1.84	4.25	6	281	518	5	1	115	35	668	2	289	0	0		
17:45 - 18:00	80	186	2	1	1.72	6.00	11	280	481	4	3	93	105	679	0	287	0	0		
18:00 - 18:15	67	185	2	0	1.72	3.00	8	262	451	4	6	93	210	754	0	272	0	0		
18:15 - 18:30	53	191	12	1	1.88	4.00	4	261	491	3	1	71	35	597	0	265	0	0		
18:30 - 18:45	86	192	19	2	1.83	3.90	7	306	559	4	2	93	70	722	0	314	0	0		
18:45 - 19:00	96	194	23	0	1.77	3.30	9	322	569	4	3	99	105	773	0	329	0	0		
19:00 - 19:15	223	115	3	0	1.35	3.00	3	344	465	4	3	93	105	663	0	352	0	0		
19:15 - 19:30	267	69	1	2	1.27	9.00	4	343	436	4	0	93	0	529	2	349	0	0		
19:30 - 19:45	411	34	0	0	1.08	0.00	6	451	485	4	2	93	70	648	0	457	0	0		
19:45 - 20:00	355	9	1	0	1.03	3.00	3	368	379	1	0	16	0	395	2	372	0	0		

5-Hour Totals

Vehicles	2,263	3,204	178	45	N/A	N/A	119	5,809	9,894	71	36	1,654	1,260	12,808	13	5,933	0	0
Persons	2,263	6,408	564	540			119											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (3:00 PM - 7:00 PM)	(6:15 PM - 7:15 PM)	
Highway Passengers	12,808	10,573	2,755
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,894	8,129	2,084
Autos and Motorcycles	5,809	4,303	1,233
Average Auto Occupancy (Includes Motorcycles)	1.70	1.89	1.69

I-66 Westbound between Va. 243 (Nutley Street) and VA-123 (Chain Bridge Rd)

Non-HOV Lane Total

Spring 2010 - 7 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
15:00 - 15:15	0	0	0	0	#DIV/0!	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15 - 15:30	277	33	1	0	1.11	3.00	0	311	346	0	0	0	0	346	0	311	0	0	0	0
15:30 - 15:45	1,257	94	6	3	1.10	6.33	2	1,362	1,504	0	4	0	0	1,504	0	1,366	0	0	0	0
15:45 - 16:00	1,139	59	10	2	1.09	4.75	2	1,212	1,316	0	5	0	0	1,316	26	1,243	0	0	0	0
16:00 - 16:15	1,027	41	3	3	1.07	7.50	2	1,076	1,156	0	1	0	0	1,156	44	1,121	0	0	0	0
16:15 - 16:30	1,019	64	4	1	1.08	5.00	5	1,093	1,177	0	14	0	0	1,177	50	1,157	0	0	0	0
16:30 - 16:45	1,002	82	5	3	1.12	6.63	8	1,100	1,227	0	11	0	0	1,227	51	1,166	0	0	0	0
16:45 - 17:00	945	80	6	3	1.12	6.22	6	1,040	1,167	0	5	0	0	1,167	67	1,112	0	0	0	0
17:00 - 17:15	973	96	11	1	1.13	4.33	5	1,086	1,222	0	9	0	0	1,222	49	1,144	0	0	0	0
17:15 - 17:30	984	98	13	1	1.12	3.71	6	1,102	1,238	0	7	0	0	1,238	41	1,151	0	0	0	0
17:30 - 17:45	915	81	10	3	1.13	5.15	4	1,013	1,148	0	7	0	0	1,148	55	1,075	0	0	0	0
17:45 - 18:00	856	81	8	1	1.12	4.22	9	955	1,065	0	2	0	0	1,065	36	993	0	0	0	0
18:00 - 18:15	930	117	9	0	1.13	3.56	5	1,061	1,201	0	4	0	0	1,201	29	1,094	0	0	0	0
18:15 - 18:30	961	142	6	2	1.16	5.25	7	1,118	1,294	0	5	0	0	1,294	23	1,146	0	0	0	0
18:30 - 18:45	1,043	75	14	4	1.13	5.11	3	1,139	1,288	0	6	0	0	1,288	37	1,182	0	0	0	0
18:45 - 19:00	1,200	109	11	0	1.10	3.36	1	1,321	1,456	0	9	0	0	1,456	35	1,365	0	0	0	0
19:00 - 19:15	1,161	49	4	2	1.07	6.17	1	1,217	1,297	0	3	0	0	1,297	34	1,254	0	0	0	0
19:15 - 19:30	778	75	13	1	1.14	4.14	9	876	995	0	0	0	0	995	26	902	0	0	0	0
19:30 - 19:45	764	68	3	1	1.10	5.25	2	838	923	0	1	0	0	923	46	888	0	0	0	0
19:45 - 20:00	654	53	6	0	1.09	3.50	4	717	785	0	3	0	0	785	25	746	0	0	0	0

5-Hour Totals

Vehicles	17,885	1,497	143	31	N/A	N/A	81	19,637	21,805	0	96	0	0	21,805	674	20,416	0	0	0
Persons	17,885	2,994	473	372			81												

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (3:00 PM - 7:00 PM)	17,805	(6:15 PM - 7:15 PM) 5,335
Highway Passengers	21,805	17,805	5,335
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	21,805	17,805	5,335
Autos and Motorcycles	19,637	15,989	4,795
Average Auto Occupancy (Includes Motorcycles)	1.11	1.11	1.11

I-66 westbound between U.S. 50 and Monument Drive

All Lanes Total

Spring 2010 - 8 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers	Trucks			
15:00 - 15:15	387	268	3	2	1.45	6.80	3	663	960	1	3	22	123	1,105	0	667	0	0
15:15 - 15:30	530	303	2	4	1.42	9.50	7	846	1,200	0	0	0	0	1,200	0	846	0	0
15:30 - 15:45	739	258	4	1	1.28	5.20	8	1,010	1,289	0	2	0	41	1,330	31	1,043	0	0
15:45 - 16:00	648	294	4	4	1.36	7.75	8	958	1,306	2	0	44	0	1,350	31	991	0	0
16:00 - 16:15	672	314	10	4	1.38	5.79	6	1,006	1,387	2	5	44	205	1,636	41	1,055	0	0
16:15 - 16:30	889	261	21	9	1.34	5.80	8	1,188	1,593	1	5	22	164	1,779	27	1,221	0	0
16:30 - 16:45	1,023	192	123	6	1.38	3.49	5	1,349	1,862	2	6	22	246	2,130	30	1,389	0	0
16:45 - 17:00	969	202	136	5	1.40	3.33	4	1,316	1,847	1	5	22	164	2,033	51	1,373	0	0
17:00 - 17:15	1,017	275	92	4	1.36	3.38	2	1,390	1,893	2	3	44	123	2,060	23	1,418	0	0
17:15 - 17:30	915	315	23	4	1.32	4.37	8	1,265	1,671	0	7	0	205	1,876	35	1,308	0	0
17:30 - 17:45	654	293	7	3	1.35	5.80	4	961	1,302	3	7	44	287	1,633	36	1,007	0	0
17:45 - 18:00	712	339	1	2	1.34	9.00	12	1,066	1,429	1	5	22	205	1,656	31	1,103	0	0
18:00 - 18:15	694	293	5	1	1.32	4.67	5	998	1,313	1	8	22	328	1,663	16	1,023	0	0
18:15 - 18:30	683	235	5	0	1.27	3.40	9	932	1,179	0	5	0	205	1,384	26	963	0	0
18:30 - 18:45	604	227	5	0	1.28	3.40	6	842	1,081	1	3	22	82	1,185	17	863	0	0
18:45 - 19:00	1,079	128	4	0	1.11	3.00	4	1,215	1,351	4	0	44	0	1,395	22	1,241	0	0
19:00 - 19:15	1,216	129	3	4	1.13	8.29	2	1,354	1,534	4	3	22	41	1,597	25	1,386	0	0
19:15 - 19:30	959	146	3	0	1.14	3.00	7	1,115	1,267	2	6	22	246	1,535	21	1,144	0	0
19:30 - 19:45	876	73	1	0	1.08	3.00	0	950	1,025	1	1	22	41	1,088	51	1,005	0	0
19:45 - 20:00	294	79	20	0	1.31	3.15	1	394	516	1	0	0	0	516	13	408	0	0

5-Hour Totals

Vehicles	15,560	4,624	472	53	N/A	N/A	109	20,818	27,005	29	74	440	2,706	30,151	527	21,454	0	0
Persons	15,560	9,248	1,452	636			109											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours	(3:00 PM - 7:30 PM)	(4:30 PM - 5:30 PM)
Highway Passengers	30,151	28,547	8,099
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	27,005	25,464	7,273
Autos and Motorcycles	20,818	19,474	5,320
Average Auto Occupancy (Includes Motorcycles)	1.30	1.31	1.37

I-66 westbound between U.S. 50 and Monument Drive
 HOV Lane Total
 Spring 2010 - 8 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers						
15:00 - 15:15	35	247	2	0	1.88	3.50	3	287	539	1	3	22	123	684	0	291	0	0		
15:15 - 15:30	41	268	2	3	1.96	9.00	6	320	628	0	0	0	0	628	0	320	0	0		
15:30 - 15:45	39	227	2	0	1.85	3.50	6	274	506	0	1	0	41	547	0	275	0	0		
15:45 - 16:00	42	251	0	4	1.97	12.00	7	304	599	2	0	44	0	643	0	306	0	0		
16:00 - 16:15	66	236	7	3	1.91	6.00	4	316	602	2	5	44	205	851	1	325	0	0		
16:15 - 16:30	24	241	21	8	2.24	5.59	8	302	676	1	4	22	164	862	1	308	0	0		
16:30 - 16:45	16	180	121	6	2.52	3.50	4	327	824	1	6	22	246	1,092	2	336	0	0		
16:45 - 17:00	29	192	134	3	2.37	3.20	2	360	854	1	4	22	164	1,040	1	366	0	0		
17:00 - 17:15	7	245	90	3	2.32	3.29	1	346	804	2	3	44	123	971	1	352	0	0		
17:15 - 17:30	29	251	22	3	2.05	4.08	6	311	639	0	5	0	205	844	1	317	0	0		
17:30 - 17:45	59	247	2	3	1.90	8.60	4	315	600	2	7	44	287	931	0	324	0	0		
17:45 - 18:00	59	287	0	2	1.88	12.00	5	353	662	1	5	22	205	889	1	360	0	0		
18:00 - 18:15	60	244	1	0	1.80	3.00	3	308	554	1	8	22	328	904	0	317	0	0		
18:15 - 18:30	47	196	2	0	1.81	4.00	3	248	450	0	5	0	205	655	1	254	0	0		
18:30 - 18:45	29	210	1	0	1.88	4.00	3	243	456	1	2	22	82	560	0	246	0	0		
18:45 - 19:00	142	109	3	0	1.45	3.00	4	258	373	2	0	44	0	417	0	260	0	0		
19:00 - 19:15	232	99	0	1	1.33	12.00	2	334	444	1	1	22	41	507	1	337	0	0		
19:15 - 19:30	342	0	0	0	1.00	0.00	2	344	344	1	6	22	246	612	0	351	0	0		
19:30 - 19:45	221	61	1	0	1.22	3.00	0	283	346	1	1	22	41	409	4	289	0	0		
19:45 - 20:00	15	68	20	0	2.08	3.15	0	103	214	0	0	0	0	214	0	103	0	0		

5-Hour Totals

Vehicles	1,534	3,859	431	39	N/A	N/A	73	5,936	11,114	20	66	440	2,706	14,260	14	6,037	0	0
Persons	1,534	7,718	1,321	468			73											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours	(3:00 PM - 7:30 PM)	(4:30 PM - 5:30 PM)
Highway Passengers	14,260	13,637	3,947
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	11,114	10,554	3,121
Autos and Motorcycles	5,936	5,550	1,344
Average Auto Occupancy (Includes Motorcycles)	1.87	1.90	2.32

I-66 westbound between U.S. 50 and Monument Drive
 Non-HOV Lane Total
 Spring 2010 - 8 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	352	21	1	2	1.12	9.00	0	376	421	0	0	0	0	421	0	376	0	0	
15:15 - 15:30	489	35	0	1	1.09	12.00	1	526	572	0	0	0	0	572	0	526	0	0	
15:30 - 15:45	700	31	2	1	1.06	6.33	2	736	783	0	1	0	0	783	31	768	0	0	
15:45 - 16:00	606	43	4	0	1.08	3.50	1	654	707	0	0	0	0	707	31	685	0	0	
16:00 - 16:15	606	78	3	1	1.14	5.25	2	690	785	0	0	0	0	785	40	730	0	0	
16:15 - 16:30	865	20	0	1	1.03	12.00	0	886	917	0	1	0	0	917	26	913	0	0	
16:30 - 16:45	1,007	12	2	0	1.02	3.00	1	1,022	1,038	1	0	0	0	1,038	28	1,053	0	0	
16:45 - 17:00	940	10	2	2	1.04	7.75	2	956	993	0	1	0	0	993	50	1,007	0	0	
17:00 - 17:15	1,010	30	2	1	1.04	6.00	1	1,044	1,089	0	0	0	0	1,089	22	1,066	0	0	
17:15 - 17:30	886	64	1	1	1.08	8.00	2	954	1,032	0	2	0	0	1,032	34	991	0	0	
17:30 - 17:45	595	46	5	0	1.09	3.00	0	646	702	1	0	0	0	702	36	683	0	0	
17:45 - 18:00	653	52	1	0	1.08	3.00	7	713	767	0	0	0	0	767	30	743	0	0	
18:00 - 18:15	634	49	4	1	1.10	5.00	2	690	759	0	0	0	0	759	16	706	0	0	
18:15 - 18:30	636	39	3	0	1.07	3.00	6	684	729	0	0	0	0	729	25	709	0	0	
18:30 - 18:45	575	17	4	0	1.04	3.25	3	599	625	0	1	0	0	625	17	617	0	0	
18:45 - 19:00	937	19	1	0	1.02	3.00	0	957	978	2	0	0	0	978	22	981	0	0	
19:00 - 19:15	984	30	3	3	1.07	7.67	0	1,020	1,090	3	2	0	0	1,090	24	1,049	0	0	
19:15 - 19:30	617	146	3	0	1.20	3.00	5	771	923	1	0	0	0	923	21	793	0	0	
19:30 - 19:45	655	12	0	0	1.02	0.00	0	667	679	0	0	0	0	679	47	716	0	0	
19:45 - 20:00	279	11	0	0	1.04	0.00	1	291	302	1	0	0	0	302	13	305	0	0	

5-Hour Totals

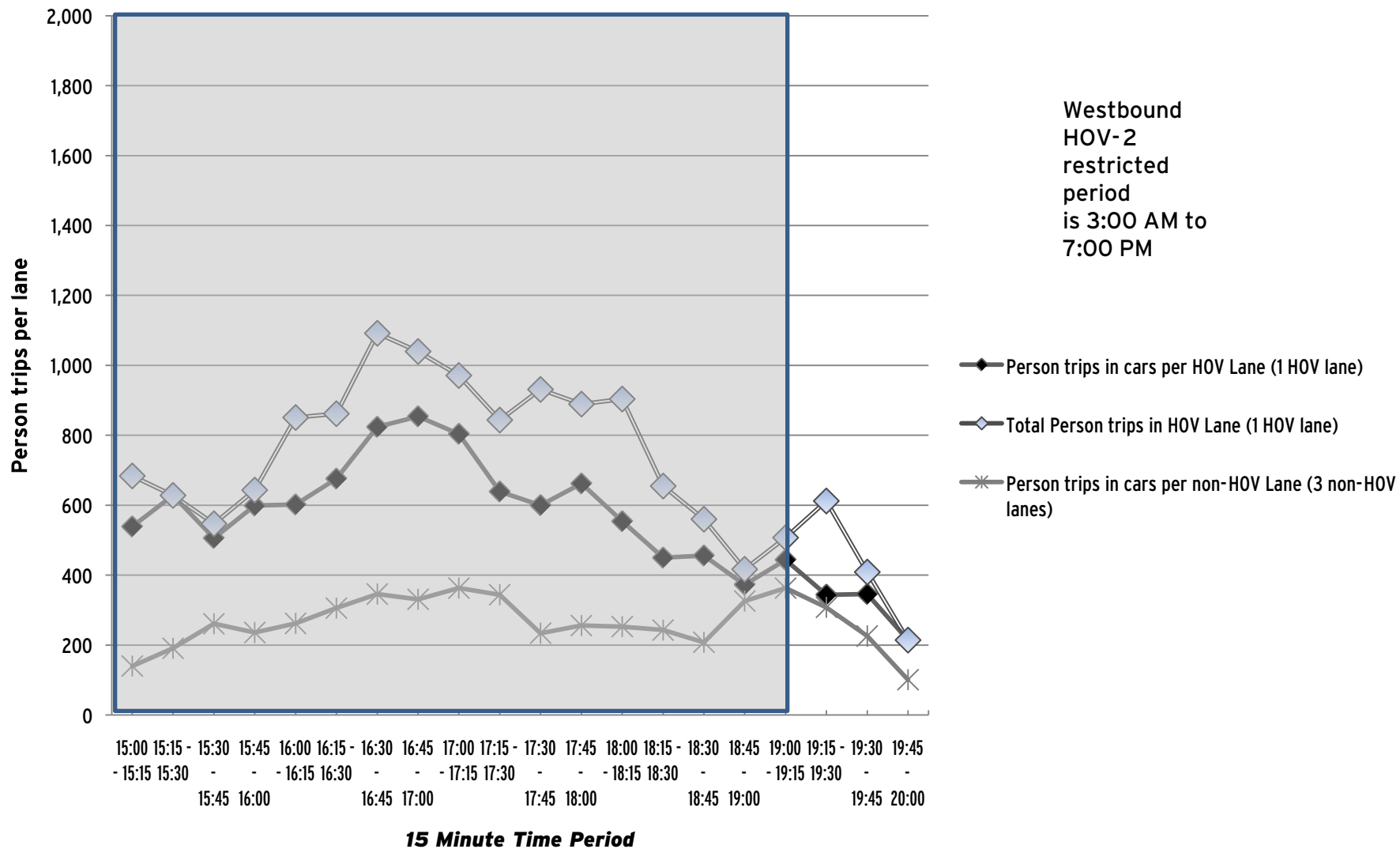
Vehicles	14,026	765	41	14	N/A	N/A	36	14,882	15,891	9	8	0	0	15,891	513	15,417	0	0
Persons	14,026	1,530	131	168			36											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (3:00 PM - 7:30 PM)	(4:30 PM - 5:30 PM)	(4:30 PM - 5:30 PM)
Highway Passengers	15,891	14,910	4,152
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	15,891	14,910	4,152
Autos and Motorcycles	14,882	13,924	3,976
Average Auto Occupancy (Includes Motorcycles)	1.07	1.07	1.04

**I-66 Westbound
between U.S. 50 (Lee-Jackson Hwy.) and Monument Drive
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

Westbound
HOV-2
restricted
period
is 3:00 AM to
7:00 PM



I-66 westbound at Bull Run
 All Lanes Total
 Spring 2010 - 8 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Passengers	Trucks			
15:00 - 15:15	990	29	0	1	1.04	12.00	1	1,021	1,061	0	0	0	0	0	1,061	0	1,021	0	0
15:15 - 15:30	1,273	58	0	0	1.04	0.00	1	1,332	1,390	0	2	0	35	1,425	0	1,334	0	0	
15:30 - 15:45	1,031	151	4	2	1.15	6.00	4	1,192	1,373	0	0	0	0	1,373	46	1,238	0	0	
15:45 - 16:00	1,194	115	0	1	1.10	12.00	1	1,311	1,437	0	0	0	0	1,437	38	1,349	0	0	
16:00 - 16:15	1,261	81	3	1	1.07	5.25	9	1,355	1,453	0	1	0	0	1,453	69	1,425	0	0	
16:15 - 16:30	1,226	83	4	0	1.07	3.75	10	1,323	1,417	0	2	0	0	1,417	60	1,385	0	0	
16:30 - 16:45	1,301	67	3	4	1.09	8.29	6	1,381	1,499	0	3	0	0	1,499	53	1,437	0	0	
16:45 - 17:00	1,406	58	1	3	1.06	9.75	6	1,474	1,567	0	1	0	0	1,567	37	1,511	0	0	
17:00 - 17:15	1,345	120	4	4	1.12	7.50	7	1,480	1,652	0	1	0	0	1,652	51	1,533	0	0	
17:15 - 17:30	1,126	228	13	11	1.27	7.25	12	1,390	1,768	0	5	0	140	1,908	46	1,442	0	0	
17:30 - 17:45	919	161	17	2	1.20	4.11	6	1,105	1,325	0	11	0	385	1,710	39	1,155	0	0	
17:45 - 18:00	1,214	182	2	7	1.19	10.00	11	1,416	1,679	0	2	0	35	1,714	30	1,448	0	0	
18:00 - 18:15	1,219	230	4	3	1.18	6.86	9	1,465	1,736	0	4	0	105	1,841	30	1,499	0	0	
18:15 - 18:30	1,236	237	9	1	1.18	3.90	7	1,490	1,756	0	9	0	245	2,001	27	1,526	0	0	
18:30 - 18:45	1,386	28	0	0	1.02	0.00	5	1,419	1,447	0	0	0	0	1,447	26	1,445	0	0	
18:45 - 19:00	1,365	27	1	0	1.02	3.00	6	1,399	1,428	0	0	0	0	1,428	31	1,430	0	0	
19:00 - 19:15	1,091	71	6	0	1.07	3.50	4	1,172	1,258	0	1	0	0	1,258	30	1,202	0	0	
19:15 - 19:30	987	14	0	0	1.01	0.00	6	1,007	1,021	0	1	0	0	1,021	29	1,036	0	0	
19:30 - 19:45	1,001	70	0	0	1.07	0.00	2	1,073	1,143	0	3	0	105	1,248	26	1,102	0	0	
19:45 - 20:00	822	8	0	0	1.01	0.00	2	832	840	0	3	0	0	840	42	877	0	0	

5-Hour Totals

Vehicles	23,393	2,018	71	40	N/A	N/A	115	25,637	28,250	0	49	0	1,050	29,300	710	26,395	0	0
Persons	23,393	4,036	226	480			115											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (4:00 PM - 6:30 PM)	(4:30 PM - 5:30 PM)	
Highway Passengers	29,300	16,762	6,626
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	28,250	15,852	6,486
Autos and Motorcycles	25,637	13,879	5,725
Average Auto Occupancy (Includes Motorcycles)	1.10	1.14	1.13

I-66 westbound at Bull Run
 HOV Lane Total
 Spring 2010 - 8 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	245	9	0	0	1.04	0.00	0	254	263	0	0	0	0	263	0	254	0	0	
15:15 - 15:30	310	25	0	0	1.07	0.00	0	335	360	0	1	0	35	395	0	336	0	0	
15:30 - 15:45	139	126	4	2	1.57	6.00	2	273	429	0	0	0	0	429	2	275	0	0	
15:45 - 16:00	213	78	0	1	1.30	12.00	1	293	382	0	0	0	0	382	0	293	0	0	
16:00 - 16:15	252	59	3	1	1.24	5.25	5	320	396	0	0	0	0	396	18	338	0	0	
16:15 - 16:30	239	47	0	0	1.16	0.00	3	289	336	0	0	0	0	336	3	292	0	0	
16:30 - 16:45	291	36	1	1	1.15	7.50	0	329	378	0	0	0	0	378	6	335	0	0	
16:45 - 17:00	323	37	0	1	1.13	12.00	0	361	409	0	0	0	0	409	3	364	0	0	
17:00 - 17:15	290	116	1	4	1.39	10.20	4	415	577	1	0	0	0	577	0	417	0	0	
17:15 - 17:30	51	222	11	11	2.22	7.64	7	302	670	0	4	0	140	810	1	308	0	0	
17:30 - 17:45	66	106	15	2	1.84	4.24	3	192	353	0	11	0	385	738	7	210	0	0	
17:45 - 18:00	147	115	2	7	1.71	10.00	7	278	474	0	1	0	35	509	1	280	0	0	
18:00 - 18:15	82	177	2	3	1.80	8.40	2	266	480	0	3	0	105	585	1	270	0	0	
18:15 - 18:30	85	168	9	0	1.70	3.00	5	267	453	0	7	0	245	698	3	277	0	0	
18:30 - 18:45	371	0	0	0	1.00	0.00	0	371	371	0	0	0	0	371	0	371	0	0	
18:45 - 19:00	524	9	0	0	1.02	0.00	0	533	542	0	0	0	0	542	2	535	0	0	
19:00 - 19:15	368	38	5	0	1.12	3.60	0	411	462	0	0	0	0	462	4	415	0	0	
19:15 - 19:30	267	12	0	0	1.04	0.00	5	284	296	0	0	0	0	296	7	291	0	0	
19:30 - 19:45	278	7	0	0	1.02	0.00	1	286	293	0	3	0	105	398	8	297	0	0	
19:45 - 20:00	231	0	0	0	1.00	0.00	0	231	231	0	0	0	0	231	4	235	0	0	

5-Hour Totals

Vehicles	4,772	1,387	53	33	N/A	N/A	45	6,290	8,155	1	30	0	1,050	9,205	70	6,393	0	0
Persons	4,772	2,774	168	396			45											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (4:00 PM - 6:30 PM)		(4:30 PM - 5:30 PM)
Highway Passengers	9,205	5,436	2,174
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	8,155	4,526	2,034
Autos and Motorcycles	6,290	3,019	1,407
Average Auto Occupancy (Includes Motorcycles)	1.30	1.50	1.45

I-66 westbound at Bull Run
 Non-HOV Lane Total
 Spring 2010 - 8 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	745	20	0	1	1.04	12.00	1	767	798	0	0	0	0	798	0	767	0	0	
15:15 - 15:30	963	33	0	0	1.03	0.00	1	997	1,030	0	1	0	0	1,030	0	998	0	0	
15:30 - 15:45	892	25	0	0	1.03	0.00	2	919	944	0	0	0	0	944	44	963	0	0	
15:45 - 16:00	981	37	0	0	1.04	0.00	0	1,018	1,055	0	0	0	0	1,055	38	1,056	0	0	
16:00 - 16:15	1,009	22	0	0	1.02	0.00	4	1,035	1,057	0	1	0	0	1,057	51	1,087	0	0	
16:15 - 16:30	987	36	4	0	1.05	3.75	7	1,034	1,081	1	1	0	0	1,081	57	1,093	0	0	
16:30 - 16:45	1,010	31	2	3	1.07	8.60	6	1,052	1,121	2	1	0	0	1,121	47	1,102	0	0	
16:45 - 17:00	1,083	21	1	2	1.04	9.00	6	1,113	1,158	0	0	0	0	1,158	34	1,147	0	0	
17:00 - 17:15	1,055	4	3	0	1.01	3.00	3	1,065	1,075	0	0	0	0	1,075	51	1,116	0	0	
17:15 - 17:30	1,075	6	2	0	1.01	3.00	5	1,088	1,098	1	0	0	0	1,098	45	1,134	0	0	
17:30 - 17:45	853	55	2	0	1.06	3.00	3	913	972	0	0	0	0	972	32	945	0	0	
17:45 - 18:00	1,067	67	0	0	1.06	0.00	4	1,138	1,205	0	1	0	0	1,205	29	1,168	0	0	
18:00 - 18:15	1,137	53	2	0	1.05	3.00	7	1,199	1,256	0	1	0	0	1,256	29	1,229	0	0	
18:15 - 18:30	1,151	69	0	1	1.07	12.00	2	1,223	1,303	1	1	0	0	1,303	24	1,249	0	0	
18:30 - 18:45	1,015	28	0	0	1.03	0.00	5	1,048	1,076	0	0	0	0	1,076	26	1,074	0	0	
18:45 - 19:00	841	18	1	0	1.02	3.00	6	866	886	0	0	0	0	886	29	895	0	0	
19:00 - 19:15	723	33	1	0	1.05	3.00	4	761	796	0	0	0	0	796	26	787	0	0	
19:15 - 19:30	720	2	0	0	1.00	0.00	1	723	725	0	0	0	0	725	22	745	0	0	
19:30 - 19:45	723	63	0	0	1.08	0.00	1	787	850	0	0	0	0	850	18	805	0	0	
19:45 - 20:00	591	8	0	0	1.01	0.00	2	601	609	2	1	0	0	609	38	642	0	0	

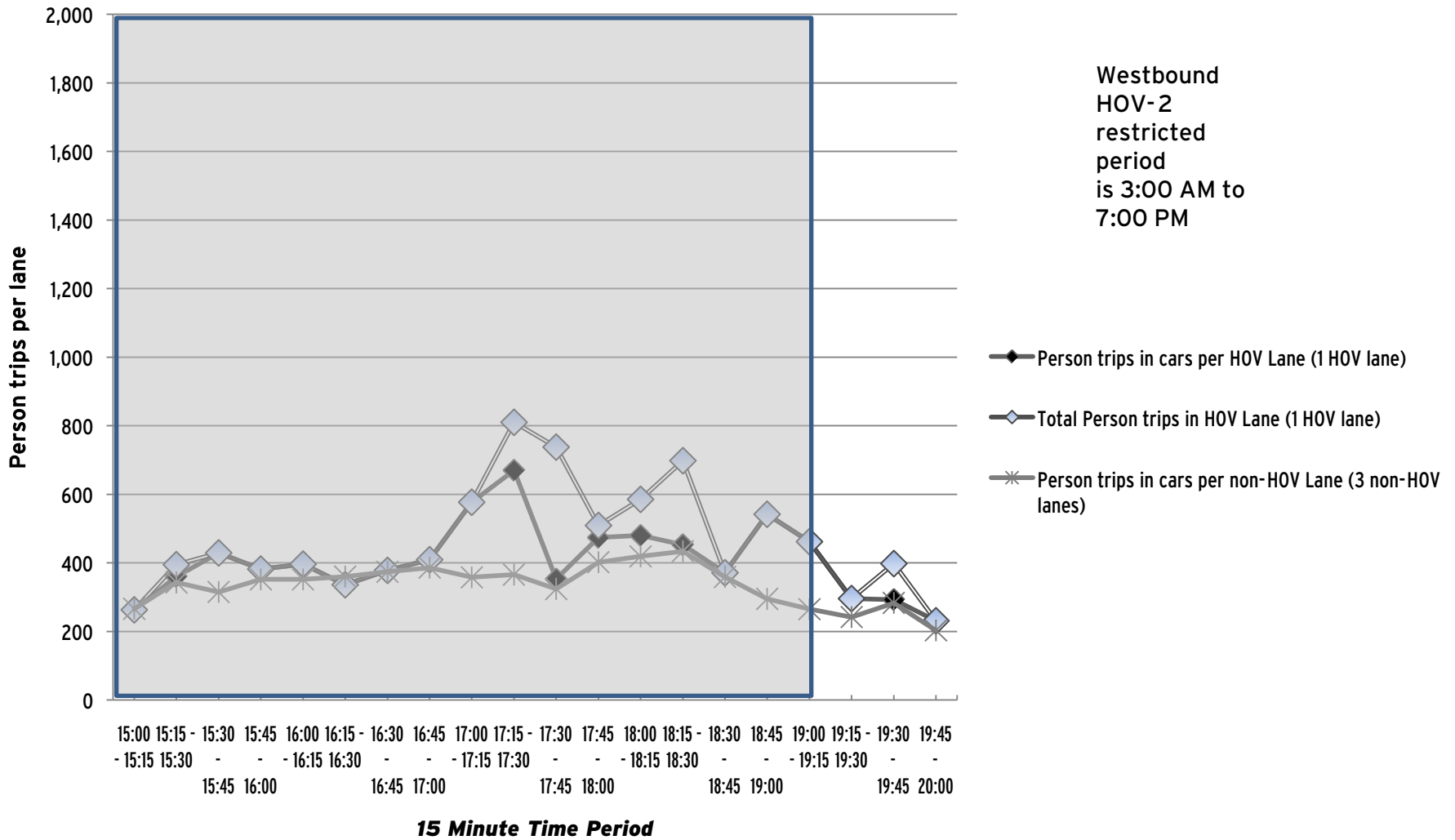
5-Hour Totals

Vehicles	18,621	631	18	7	N/A	N/A	70	19,347	20,095	7	8	0	0	20,095	640	20,002	0	0
Persons	18,621	1,262	58	84			70											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (4:00 PM - 6:30 PM)	(4:30 PM - 5:30 PM)	
Highway Passengers	20,095	11,326	4,452
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	20,095	11,326	4,452
Autos and Motorcycles	19,347	10,860	4,318
Average Auto Occupancy (Includes Motorcycles)	1.04	1.04	1.03

**I-66 Westbound
between U.S. 29 (Lee Hwy.) at Centreville (Exit 52) and
Va. 234 Business (Sudley Rd.)
A.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**



Va. 267 East of Va. 123
 Traffic to Dulles Toll Road and Traffic to Dulles Access Road
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
15:00 - 15:15	425	99	12	6	1.35	6.06	4	546	735	3	2	200	82	1,017	0	551	0	0		
15:15 - 15:30	440	103	2	2	1.24	7.50	3	550	681	5	3	0	82	763	0	558	0	0		
15:30 - 15:45	466	94	6	2	1.23	5.38	0	568	701	4	1	235	41	977	18	591	0	0		
15:45 - 16:00	452	102	2	0	1.20	3.00	1	557	666	4	4	120	123	909	10	575	0	0		
16:00 - 16:15	396	145	10	1	1.33	3.82	8	560	736	8	4	277	164	1,177	6	578	0	0		
16:15 - 16:30	355	161	1	0	1.33	3.00	6	523	692	12	2	160	82	934	14	551	0	0		
16:30 - 16:45	337	193	1	4	1.46	10.20	4	539	785	11	2	476	82	1,343	14	566	0	0		
16:45 - 17:00	357	214	1	6	1.53	10.71	2	580	884	24	2	160	205	1,249	10	616	0	0		
17:00 - 17:15	425	171	0	3	1.36	12.00	8	607	815	12	2	458	205	1,478	3	624	0	0		
17:15 - 17:30	355	112	1	2	1.33	9.00	2	472	626	20	3	240	205	1,071	4	500	0	0		
17:30 - 17:45	274	90	6	2	1.38	5.63	2	374	514	15	0	322	205	1,041	2	391	0	0		
17:45 - 18:00	288	95	4	2	1.36	6.50	6	395	531	14	0	290	205	1,026	8	417	0	0		
18:00 - 18:15	275	110	9	5	1.49	6.57	7	406	598	11	0	360	0	958	5	422	0	0		
18:15 - 18:30	260	102	4	6	1.50	8.40	5	377	561	13	0	320	123	1,004	5	395	0	0		
18:30 - 18:45	400	96	4	1	1.27	5.40	2	503	635	16	0	280	82	997	3	522	0	0		
18:45 - 19:00	414	85	7	1	1.25	4.13	1	508	632	15	0	371	82	1,085	5	528	0	0		
19:00 - 19:15	514	42	2	4	1.17	9.17	1	563	659	6	1	280	82	1,021	0	570	0	0		
19:15 - 19:30	416	73	5	2	1.23	5.86	5	501	613	10	3	226	123	962	0	514	0	0		
19:30 - 19:45	405	71	5	2	1.23	5.86	0	483	596	8	2	280	123	999	1	494	0	0		
19:45 - 20:00	519	61	6	1	1.15	4.57	1	588	677	4	0	109	0	786	0	592	0	0		

5-Hour Totals

Vehicles	7,773	2,219	88	52	N/A	N/A	68	10,200	13,337	215	31	5,164	2,296	20,797	108	10,555	0	0
Persons	7,773	4,438	287	624			68											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours	(4:00 PM - 6:30 PM)	(4:15 PM 5:15 PM)
Highway Passengers	20,797	11,281	5,004
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	13,337	6,742	3,176
Autos and Motorcycles	10,200	4,833	2,249
Average Auto Occupancy (Includes Motorcycles)	1.31	1.39	1.41

Va. 267 East of Va. 123
 Traffic to Toll Road
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
15:00 - 15:15	358	75	6	1	1.22	4.43	3	443	539	5	2	200	82	821	0	445	0	0		
15:15 - 15:30	374	78	1	1	1.20	7.50	3	457	546	0	2	0	82	628	0	460	0	0		
15:30 - 15:45	415	70	3	0	1.16	3.00	0	488	565	6	1	235	41	841	10	499	0	0		
15:45 - 16:00	416	95	1	0	1.19	3.00	1	513	609	3	3	120	123	852	8	524	0	0		
16:00 - 16:15	296	118	10	0	1.32	3.00	8	432	562	7	4	277	164	1,003	3	439	0	0		
16:15 - 16:30	243	143	1	0	1.38	3.00	5	392	534	4	2	160	82	776	9	405	0	0		
16:30 - 16:45	213	191	1	0	1.47	3.00	4	409	598	12	2	476	82	1,156	9	420	0	0		
16:45 - 17:00	241	207	1	3	1.54	9.75	2	454	695	4	5	160	205	1,060	7	464	0	0		
17:00 - 17:15	316	164	0	1	1.36	12.00	8	489	657	11	5	458	205	1,320	3	495	0	0		
17:15 - 17:30	247	107	1	0	1.32	3.00	2	357	469	6	5	240	205	914	0	366	0	0		
17:30 - 17:45	186	73	6	0	1.34	3.50	2	267	356	8	5	322	205	883	2	272	0	0		
17:45 - 18:00	200	91	4	0	1.35	3.75	5	300	400	7	5	290	205	895	8	311	0	0		
18:00 - 18:15	192	97	9	0	1.40	3.56	7	305	419	9	0	360	0	779	5	311	0	0		
18:15 - 18:30	167	98	3	0	1.39	3.00	5	273	374	8	3	320	123	817	4	279	0	0		
18:30 - 18:45	315	89	1	0	1.24	4.00	2	407	502	7	2	280	82	864	1	413	0	0		
18:45 - 19:00	353	82	7	0	1.22	3.00	1	443	541	9	2	371	82	994	2	448	0	0		
19:00 - 19:15	472	35	0	2	1.11	12.00	1	510	566	7	2	280	82	928	0	510	0	0		
19:15 - 19:30	395	64	1	0	1.14	3.00	5	465	526	6	3	226	123	875	0	466	0	0		
19:30 - 19:45	377	62	1	0	1.15	3.00	0	440	505	7	3	280	123	908	1	443	0	0		
19:45 - 20:00	492	40	2	0	1.08	3.00	1	535	578	3	0	109	0	687	0	535	0	0		

5-Hour Totals

Vehicles	6,268	1,979	59	8	N/A	N/A	65	8,379	10,541	129	56	5,164	2,296	18,001	72	8,505	0	0
Persons	6,268	3,958	190	96			65											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (4:00 PM - 6:30 PM)		(4:15 PM 5:15 PM)
Highway Passengers	18,001	9,603	4,312
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	10,541	5,064	2,484
Autos and Motorcycles	8,379	3,678	1,744
Average Auto Occupancy (Includes Motorcycles)	1.26	1.38	1.42

Va. 267 East of Va. 123
 Traffic to Dulles Access Road
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit			Other	+Bus Passengers						
15:00 - 15:15	67	24	6	5	1.91	7.09	1	103	196	3	0	0	0	196	0	106	0	0		
15:15 - 15:30	66	25	1	1	1.45	7.50	0	93	135	4	1	0	0	135	0	98	0	0		
15:30 - 15:45	51	24	3	2	1.70	6.80	0	80	136	3	1	0	0	136	8	92	0	0		
15:45 - 16:00	36	7	1	0	1.30	3.00	0	44	57	4	1	0	0	57	2	51	0	0		
16:00 - 16:15	100	27	0	1	1.36	12.00	0	128	174	8	0	0	0	174	3	139	0	0		
16:15 - 16:30	112	18	0	0	1.21	0.00	1	131	158	10	0	0	0	158	5	146	0	0		
16:30 - 16:45	124	2	0	4	1.44	12.00	0	130	187	11	0	0	0	187	5	146	0	0		
16:45 - 17:00	116	7	0	3	1.50	12.00	0	126	189	23	0	0	0	189	3	152	0	0		
17:00 - 17:15	109	7	0	2	1.34	12.00	0	118	158	11	0	0	0	158	0	129	0	0		
17:15 - 17:30	108	5	0	2	1.37	12.00	0	115	157	15	0	0	0	157	4	134	0	0		
17:30 - 17:45	88	17	0	2	1.48	12.00	0	107	158	12	0	0	0	158	0	119	0	0		
17:45 - 18:00	88	4	0	2	1.39	12.00	1	95	131	11	0	0	0	131	0	106	0	0		
18:00 - 18:15	83	13	0	5	1.77	12.00	0	101	179	10	0	0	0	179	0	111	0	0		
18:15 - 18:30	93	4	1	6	1.80	10.71	0	104	187	11	0	0	0	187	1	116	0	0		
18:30 - 18:45	85	7	3	1	1.39	5.75	0	96	133	11	0	0	0	133	2	109	0	0		
18:45 - 19:00	61	3	0	1	1.40	12.00	0	65	91	12	0	0	0	91	3	80	0	0		
19:00 - 19:15	42	7	2	2	1.75	7.75	0	53	93	6	1	0	0	93	0	60	0	0		
19:15 - 19:30	21	9	4	2	2.42	6.33	0	36	87	10	2	0	0	87	0	48	0	0		
19:30 - 19:45	28	9	4	2	2.12	6.33	0	43	91	7	1	0	0	91	0	51	0	0		
19:45 - 20:00	27	21	4	1	1.87	5.20	0	53	99	4	0	0	0	99	0	57	0	0		

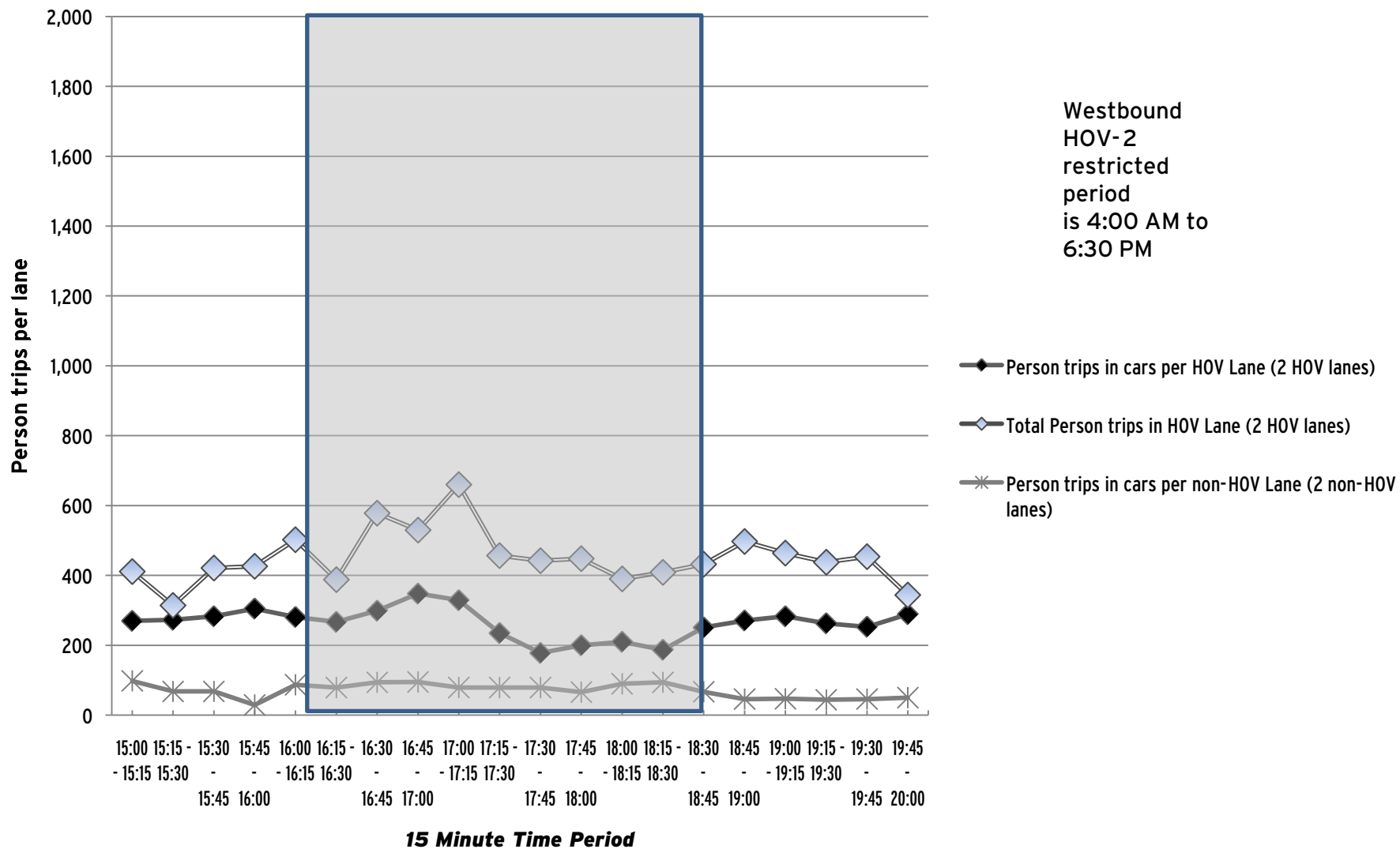
5-Hour Totals

Vehicles	1,505	240	29	44	N/A	N/A	3	1,821	2,796	186	7	0	0	2,796	36	2,050	0	0
Persons	1,505	480	97	528			3											

I-66 HOV Restricted

	Period		Peak Hour
	5 Hours (4:00 PM - 6:30 PM)	4:15 PM 5:15 PM)	(4:15 PM 5:15 PM)
Highway Passengers	2,796	1,678	692
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	2,796	1,678	692
Autos and Motorcycles	1,821	1,155	505
Average Auto Occupancy (Includes Motorcycles)	1.54	1.45	1.37

**Va. 267 (Dulles Connector Road) Westbound
between I-66 and Va. 123 (Dolley Madison Boulevard)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**



VA267 Westbound at Main Toll Plaza
 All Lanes Total
 Spring 2010 - 29 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+Bus Passengers					
15:00 - 15:15	167	7	2	0	1.07	4.00	2	178	191	5	0	151	0	342	10	193	0	0	
15:15 - 15:30	1,093	135	17	1	1.15	3.72	4	1,250	1,434	0	2	0	84	1,518	1	1,253	0	0	
15:30 - 15:45	1,158	155	20	2	1.17	4.09	6	1,341	1,564	6	13	186	546	2,296	5	1,365	0	0	
15:45 - 16:00	1,234	109	5	2	1.10	5.71	3	1,353	1,495	3	7	100	294	1,889	26	1,389	0	0	
16:00 - 16:15	1,362	94	12	3	1.10	4.93	5	1,476	1,629	7	7	214	294	2,137	41	1,531	0	0	
16:15 - 16:30	1,397	192	28	5	1.20	5.09	16	1,638	1,965	4	1	119	42	2,126	28	1,676	0	0	
16:30 - 16:45	1,407	185	24	7	1.19	5.19	10	1,633	1,948	12	8	344	336	2,628	17	1,671	0	0	
16:45 - 17:00	1,479	188	23	8	1.19	5.58	12	1,710	2,040	4	2	137	84	2,261	25	1,741	0	0	
17:00 - 17:15	1,461	218	26	6	1.20	5.06	12	1,723	2,071	11	2	334	84	2,489	31	1,767	0	0	
17:15 - 17:30	1,424	219	28	2	1.18	4.03	15	1,688	1,998	6	8	200	336	2,534	18	1,713	0	0	
17:30 - 17:45	1,468	246	14	4	1.18	5.11	12	1,744	2,064	8	1	247	42	2,353	26	1,779	0	0	
17:45 - 18:00	1,314	194	15	1	1.16	3.81	5	1,529	1,768	7	9	216	378	2,362	26	1,563	0	0	
18:00 - 18:15	1,273	151	10	1	1.13	4.27	14	1,449	1,636	9	2	277	84	1,997	20	1,480	0	0	
18:15 - 18:30	1,214	173	9	0	1.14	3.22	5	1,401	1,594	8	0	227	0	1,821	24	1,433	0	0	
18:30 - 18:45	1,266	159	7	1	1.13	4.25	3	1,436	1,621	7	2	213	84	1,918	16	1,461	0	0	
18:45 - 19:00	1,257	154	14	0	1.13	3.14	7	1,432	1,616	9	1	287	42	1,945	15	1,457	0	0	
19:00 - 19:15	1,087	164	26	1	1.18	3.44	2	1,280	1,510	7	3	213	126	1,849	12	1,302	0	0	
19:15 - 19:30	897	130	24	2	1.20	4.08	5	1,058	1,268	6	1	176	42	1,486	17	1,082	0	0	
19:30 - 19:45	741	129	22	2	1.22	3.88	1	895	1,093	7	4	223	168	1,484	13	915	0	0	
19:45 - 20:00	373	66	15	1	1.25	4.00	0	455	569	3	1	88	42	699	14	474	0	0	

5-Hour Totals

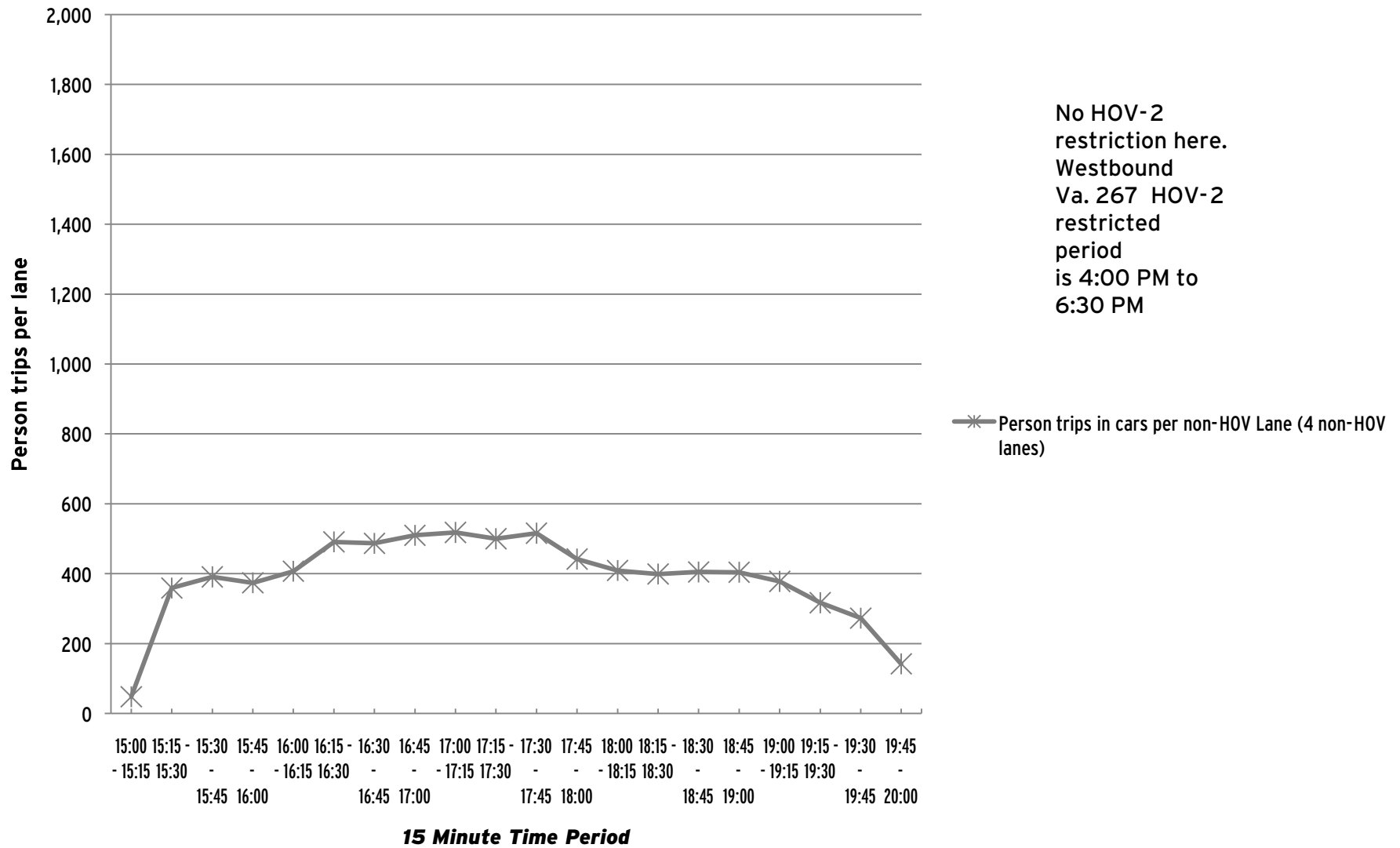
Vehicles	23,072	3,068	341	49	N/A	N/A	139	26,669	31,074	129	74	3,952	3,108	38,134	385	27,245	0	0
Persons	23,072	6,136	1,139	588			139											

Va. 267 HOV Restricted

	Period 5 Hours	Peak Hour (4:00 PM - 6:30 PM)	Peak Hour (4:45 PM 5:45 PM)
Highway Passengers	38,134	22,708	9,637
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	31,074	18,713	8,173
Autos and Motorcycles	26,669	15,991	6,865
Average Auto Occupancy (Includes Motorcycles)	1.17	1.17	1.19

Va. 267 Westbound at Main Toll Plaza P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval

No HOV-2
restriction here.
Westbound
Va. 267 HOV-2
restricted
period
is 4:00 PM to
6:30 PM



VA-267 westbound at Hunter Mill Road
 All Lanes Total
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	660	29	1	6	1.14	10.71	1	697	794	5	3	151	41	986	0	706	0	0	
15:15 - 15:30	1,176	95	7	6	1.14	7.23	5	1,289	1,465	1	6	0	164	1,629	0	1,296	0	0	
15:30 - 15:45	1,175	84	4	4	1.11	7.75	6	1,273	1,411	6	6	186	164	1,761	43	1,328	0	0	
15:45 - 16:00	1,176	106	6	7	1.15	8.31	2	1,297	1,498	5	9	100	328	1,926	64	1,375	0	0	
16:00 - 16:15	1,393	180	4	4	1.15	7.63	5	1,586	1,819	7	9	214	246	2,279	52	1,654	0	0	
16:15 - 16:30	1,507	208	7	6	1.17	7.54	8	1,736	2,029	4	7	119	205	2,353	44	1,791	0	0	
16:30 - 16:45	1,389	252	2	5	1.19	9.43	11	1,659	1,970	13	7	344	246	2,560	59	1,739	0	0	
16:45 - 17:00	1,599	199	0	6	1.15	12.00	7	1,811	2,076	4	12	137	410	2,623	22	1,849	0	0	
17:00 - 17:15	1,336	243	13	8	1.22	6.62	14	1,614	1,975	15	14	334	574	2,883	20	1,663	0	0	
17:15 - 17:30	1,529	204	11	4	1.16	5.60	8	1,756	2,029	8	19	200	779	3,008	15	1,798	0	0	
17:30 - 17:45	1,560	224	7	3	1.15	5.80	6	1,800	2,072	9	15	247	615	2,934	8	1,832	0	0	
17:45 - 18:00	1,630	203	8	3	1.14	5.82	6	1,850	2,106	8	13	216	533	2,855	30	1,901	0	0	
18:00 - 18:15	1,616	208	4	7	1.16	8.73	9	1,844	2,137	11	3	277	123	2,537	12	1,870	0	0	
18:15 - 18:30	1,341	212	7	4	1.17	6.55	11	1,575	1,848	18	6	227	246	2,321	17	1,617	0	0	
18:30 - 18:45	1,531	250	7	4	1.17	6.36	9	1,801	2,110	11	4	213	164	2,487	17	1,834	0	0	
18:45 - 19:00	1,359	163	2	3	1.13	8.40	4	1,531	1,731	18	4	287	164	2,182	18	1,571	0	0	
19:00 - 19:15	1,532	167	9	2	1.12	4.82	4	1,714	1,923	8	4	213	123	2,259	18	1,744	0	0	
19:15 - 19:30	1,409	67	10	1	1.07	4.27	6	1,493	1,596	6	5	176	41	1,813	19	1,523	0	0	
19:30 - 19:45	1,209	63	3	5	1.10	8.63	1	1,281	1,405	10	5	223	123	1,751	14	1,310	0	0	
19:45 - 20:00	627	51	1	2	1.11	9.00	5	686	761	6	2	88	0	849	15	709	0	0	

5-Hour Totals

Vehicles	26,754	3,208	113	90	N/A	N/A	128	30,293	34,755	173	153	3,952	5,289	43,996	487	31,110	0	0
Persons	26,754	6,416	377	1,080			128											

Va. 267 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (5:15 PM - 6:15 PM)
Highway Passengers	43,996	26,353
Rail Passengers	0	0
Auto and Motorcycle Passengers	34,755	20,061
Autos and Motorcycles	30,293	17,231
Average Auto Occupancy (Includes Motorcycles)	1.15	1.16

VA-267 westbound at Hunter Mill Road
 HOV Lane Total
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	+ MC Riders			Transit	Other	+Bus Passengers	+Bus Passengers				
15:00 - 15:15	157	13	1	0	1.09	3.00	1	172	187	5	1	151	41	379	0	179	0	0		
15:15 - 15:30	266	49	5	0	1.18	3.00	1	321	380	0	4	0	164	544	0	325	0	0		
15:30 - 15:45	257	55	3	2	1.27	7.00	3	320	405	6	4	186	164	755	3	333	0	0		
15:45 - 16:00	318	66	3	1	1.22	5.75	1	389	474	3	8	100	328	902	5	405	0	0		
16:00 - 16:15	71	93	2	3	1.76	8.60	4	173	304	7	6	214	246	764	0	186	0	0		
16:15 - 16:30	53	167	5	5	2.00	7.80	6	236	471	4	5	119	205	795	4	249	0	0		
16:30 - 16:45	87	216	2	4	1.83	9.00	9	318	582	12	6	344	246	1,172	3	339	0	0		
16:45 - 17:00	66	177	0	6	1.95	12.00	7	256	499	4	10	137	410	1,046	6	276	0	0		
17:00 - 17:15	104	197	12	4	1.81	5.44	12	329	597	11	14	334	574	1,505	9	363	0	0		
17:15 - 17:30	108	161	11	2	1.72	4.62	7	289	497	6	19	200	779	1,476	7	321	0	0		
17:30 - 17:45	105	153	7	1	1.66	4.25	5	271	450	8	15	247	615	1,312	4	298	0	0		
17:45 - 18:00	92	157	7	1	1.70	4.50	6	263	448	7	13	216	533	1,197	0	283	0	0		
18:00 - 18:15	94	172	3	2	1.72	6.60	5	276	476	9	3	277	123	876	4	292	0	0		
18:15 - 18:30	103	156	4	1	1.66	5.40	7	271	449	8	6	227	246	922	6	292	0	0		
18:30 - 18:45	317	115	2	2	1.32	7.50	5	441	582	7	4	213	164	959	7	460	0	0		
18:45 - 19:00	339	57	0	2	1.20	12.00	2	400	479	9	4	287	164	930	5	418	0	0		
19:00 - 19:15	302	44	3	0	1.14	3.00	2	351	401	7	3	213	123	737	1	362	0	0		
19:15 - 19:30	211	22	1	0	1.11	4.00	4	238	263	6	1	176	41	480	6	251	0	0		
19:30 - 19:45	158	25	2	0	1.16	3.00	1	186	215	7	3	223	123	561	4	200	0	0		
19:45 - 20:00	58	11	0	0	1.16	0.00	1	70	81	3	0	88	0	169	5	78	0	0		

5-Hour Totals

Vehicles	3,266	2,106	73	36	N/A	N/A	89	5,570	8,240	129	129	3,952	5,289	17,481	79	5,910	0	0
Persons	3,266	4,212	241	432			89											

Va. 267 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (5:15 PM - 6:15 PM)
Highway Passengers	17,481	4,861
Rail Passengers	0	0
Auto and Motorcycle Passengers	8,240	1,871
Autos and Motorcycles	5,570	1,099
Average Auto Occupancy (Includes Motorcycles)	1.48	1.70

VA-267 westbound at Hunter Mill Road
 Non-HOV Lane Total
 Spring 2010 - 5 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit			Other	+Bus Passengers						
15:00 - 15:15	503	16	0	6	1.16	12.00	0	525	607	0	2	0	0	607	0	527	0	0		
15:15 - 15:30	910	46	2	6	1.12	9.88	4	968	1,085	1	2	0	0	1,085	0	971	0	0		
15:30 - 15:45	918	29	1	2	1.06	9.00	3	953	1,006	0	2	0	0	1,006	40	995	0	0		
15:45 - 16:00	858	40	3	6	1.13	9.44	1	908	1,024	2	1	0	0	1,024	59	970	0	0		
16:00 - 16:15	1,322	87	2	1	1.07	6.00	1	1,413	1,515	0	3	0	0	1,515	52	1,468	0	0		
16:15 - 16:30	1,454	41	2	1	1.04	6.67	2	1,500	1,558	0	2	0	0	1,558	40	1,542	0	0		
16:30 - 16:45	1,302	36	0	1	1.04	12.00	2	1,341	1,388	1	1	0	0	1,388	56	1,400	0	0		
16:45 - 17:00	1,533	22	0	0	1.01	0.00	0	1,555	1,577	0	2	0	0	1,577	16	1,573	0	0		
17:00 - 17:15	1,232	46	1	4	1.07	10.40	2	1,285	1,378	4	0	0	0	1,378	11	1,300	0	0		
17:15 - 17:30	1,421	43	0	2	1.04	12.00	1	1,467	1,532	2	0	0	0	1,532	8	1,477	0	0		
17:30 - 17:45	1,455	71	0	2	1.06	12.00	1	1,529	1,622	1	0	0	0	1,622	4	1,534	0	0		
17:45 - 18:00	1,538	46	1	2	1.04	9.33	0	1,587	1,658	1	0	0	0	1,658	30	1,618	0	0		
18:00 - 18:15	1,522	36	1	5	1.06	10.50	4	1,568	1,661	2	0	0	0	1,661	8	1,578	0	0		
18:15 - 18:30	1,238	56	3	3	1.07	7.50	4	1,304	1,399	10	0	0	0	1,399	11	1,325	0	0		
18:30 - 18:45	1,214	135	5	2	1.12	5.71	4	1,360	1,528	4	0	0	0	1,528	10	1,374	0	0		
18:45 - 19:00	1,020	106	2	1	1.11	6.00	2	1,131	1,252	9	0	0	0	1,252	13	1,153	0	0		
19:00 - 19:15	1,230	123	6	2	1.12	5.50	2	1,363	1,522	1	1	0	0	1,522	17	1,382	0	0		
19:15 - 19:30	1,198	45	9	1	1.06	4.30	2	1,255	1,333	0	4	0	0	1,333	13	1,272	0	0		
19:30 - 19:45	1,051	38	1	5	1.09	10.50	0	1,095	1,190	3	2	0	0	1,190	10	1,110	0	0		
19:45 - 20:00	569	40	1	2	1.10	9.00	4	616	680	3	2	0	0	680	10	631	0	0		

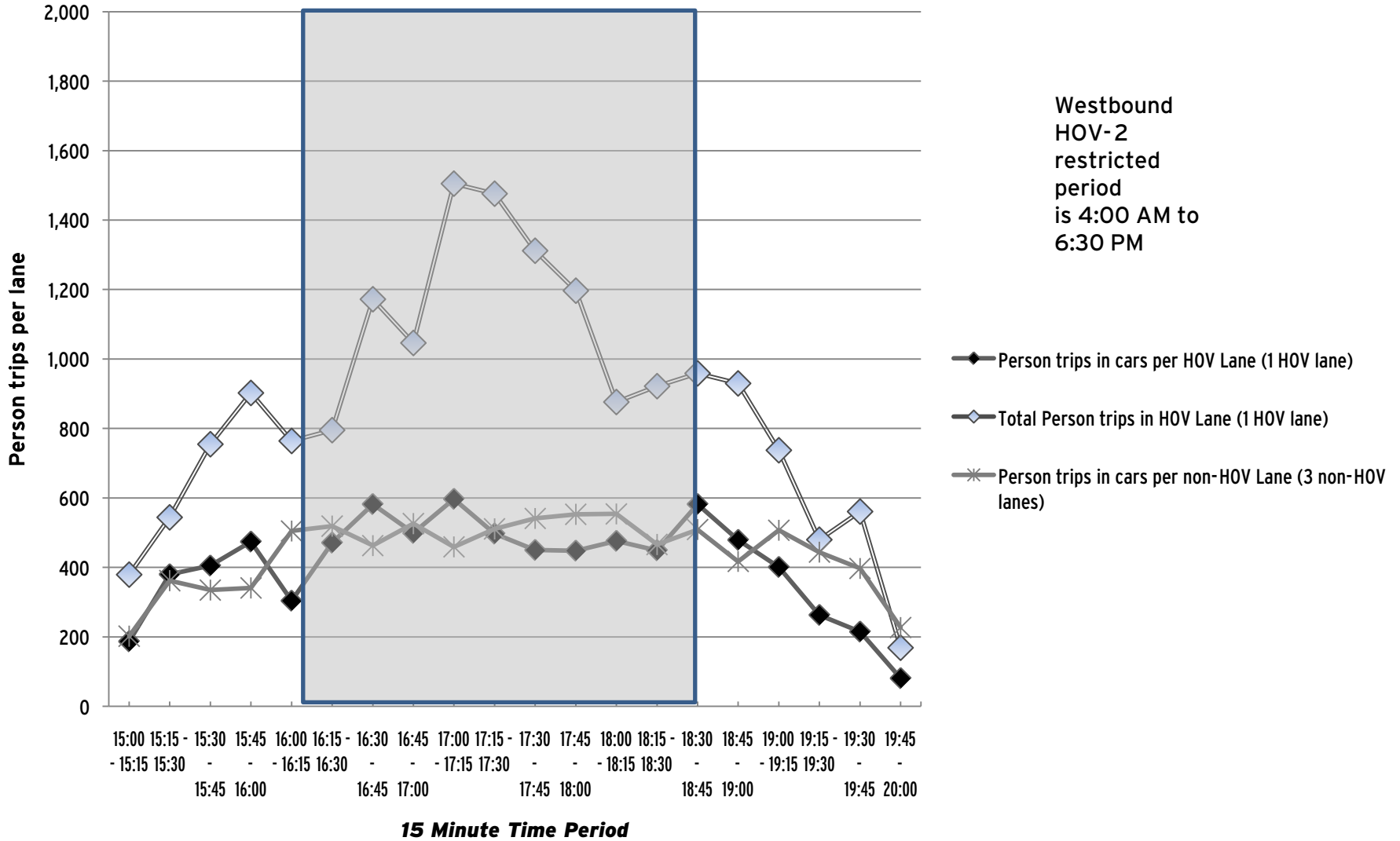
5-Hour Totals

Vehicles	23,488	1,102	40	54	N/A	N/A	39	24,723	26,515	44	24	0	0	26,515	408	25,200	0	0
Persons	23,488	2,204	136	648			39											

Va. 267 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (5:15 PM - 6:15 PM)
Highway Passengers	26,515	15,288
Rail Passengers	0	0
Auto and Motorcycle Passengers	26,515	15,288
Autos and Motorcycles	24,723	14,549
Average Auto Occupancy (Includes Motorcycles)	1.07	1.05

**Va. 267 Westbound
between Va. 7 (Leesburg Pike) and Va. 674 (Hunter Mill Road)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**



Va. 267 Westbound at Fairfax County Pky
 All Lanes Total
 Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Transit	Other	Transit	Other	+ MC Riders	Trucks				
15:00 - 15:15	489	6	1	0	1.02	3.00	1	497	505	4	2	136	0	641	0	503	0	0	
15:15 - 15:30	1,053	61	3	0	1.06	3.33	0	1,117	1,185	1	8	0	82	1,267	0	1,126	0	0	
15:30 - 15:45	1,055	84	3	4	1.12	8.14	4	1,150	1,284	3	9	67	82	1,433	39	1,203	0	0	
15:45 - 16:00	1,209	79	2	5	1.11	9.43	5	1,300	1,438	3	9	73	164	1,675	35	1,347	0	0	
16:00 - 16:15	1,282	96	5	2	1.09	5.86	2	1,387	1,517	2	3	67	82	1,666	49	1,441	0	0	
16:15 - 16:30	1,387	141	17	5	1.15	5.32	2	1,552	1,788	4	12	105	123	2,016	44	1,612	0	0	
16:30 - 16:45	1,593	146	6	5	1.12	7.36	6	1,756	1,972	5	8	139	123	2,234	27	1,796	0	0	
16:45 - 17:00	1,351	136	8	6	1.14	6.86	4	1,505	1,723	3	11	104	164	1,991	41	1,560	0	0	
17:00 - 17:15	1,629	150	3	7	1.13	9.30	5	1,794	2,027	3	7	103	205	2,335	31	1,836	0	0	
17:15 - 17:30	1,292	171	10	7	1.18	6.71	6	1,486	1,754	7	10	201	205	2,160	40	1,543	0	0	
17:30 - 17:45	1,112	222	2	1	1.18	6.33	3	1,340	1,578	3	11	103	205	1,886	31	1,385	0	0	
17:45 - 18:00	1,131	217	1	2	1.18	9.00	1	1,352	1,593	5	8	147	205	1,945	38	1,403	0	0	
18:00 - 18:15	1,173	221	0	2	1.17	12.00	5	1,401	1,644	4	10	139	164	1,947	17	1,432	0	0	
18:15 - 18:30	1,006	161	5	0	1.15	3.40	4	1,176	1,349	5	11	152	246	1,747	18	1,210	0	0	
18:30 - 18:45	954	232	1	1	1.21	7.50	2	1,190	1,435	3	7	103	123	1,661	37	1,237	0	0	
18:45 - 19:00	999	46	0	6	1.11	12.00	5	1,056	1,168	5	8	139	41	1,348	32	1,101	0	0	
19:00 - 19:15	947	83	2	3	1.12	8.40	1	1,036	1,156	5	8	156	82	1,394	21	1,071	0	0	
19:15 - 19:30	836	47	3	4	1.11	8.14	1	891	988	3	8	103	123	1,214	13	915	0	0	
19:30 - 19:45	736	29	1	1	1.05	7.50	0	767	809	6	10	167	0	976	19	802	0	0	
19:45 - 20:00	519	8	0	1	1.04	12.00	0	528	547	1	13	31	123	701	20	563	0	0	

5-Hour Totals

Vehicles	21,753	2,336	73	62	N/A	N/A	57	24,281	27,460	75	173	2,235	2,542	32,237	552	25,086	0	0
Persons	21,753	4,672	234	744			57											

Va. 267 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (4:15 PM - 5:15 PM)
Highway Passengers	32,237	19,927
Rail Passengers	0	0
Auto and Motorcycle Passengers	27,460	16,945
Autos and Motorcycles	24,281	14,749
Average Auto Occupancy (Includes Motorcycles)	1.13	1.14

Va. 267 Westbound at Fairfax County Pky
 HOV Lane Total
 Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
15:00 - 15:15	46	4	1	0	1.12	3.00	0	51	57	4	0	136	0	193	0	55	0	0		
15:15 - 15:30	176	32	2	0	1.17	3.00	0	210	246	0	2	0	82	328	0	212	0	0		
15:30 - 15:45	175	47	0	2	1.31	12.00	2	226	295	2	2	67	82	444	1	231	0	0		
15:45 - 16:00	219	58	1	4	1.36	10.20	4	286	390	2	4	73	164	627	3	295	0	0		
16:00 - 16:15	118	63	4	1	1.45	5.20	2	188	272	2	2	67	82	421	6	198	0	0		
16:15 - 16:30	78	103	9	3	1.79	5.33	2	195	350	3	3	105	123	578	2	203	0	0		
16:30 - 16:45	98	120	4	5	1.80	8.00	3	230	413	4	3	139	123	675	0	237	0	0		
16:45 - 17:00	98	123	7	5	1.81	6.75	3	236	428	3	4	104	164	696	10	253	0	0		
17:00 - 17:15	103	121	2	6	1.81	9.75	4	236	427	3	5	103	205	735	8	252	0	0		
17:15 - 17:30	113	129	10	6	1.82	6.38	5	263	478	5	5	201	205	884	16	289	0	0		
17:30 - 17:45	48	191	2	1	1.84	6.33	3	245	452	3	5	103	205	760	6	259	0	0		
17:45 - 18:00	54	203	0	2	1.87	12.00	1	260	485	4	5	147	205	837	16	285	0	0		
18:00 - 18:15	19	206	0	0	1.90	0.00	5	230	436	4	4	139	164	739	12	250	0	0		
18:15 - 18:30	22	150	4	0	1.89	3.00	2	178	336	4	6	152	246	734	9	197	0	0		
18:30 - 18:45	55	196	1	0	1.78	3.00	1	253	451	3	3	103	123	677	19	278	0	0		
18:45 - 19:00	189	18	0	4	1.29	12.00	3	214	276	4	1	139	41	456	12	231	0	0		
19:00 - 19:15	195	21	0	1	1.15	12.00	1	218	250	4	2	156	82	488	4	228	0	0		
19:15 - 19:30	142	8	0	1	1.13	12.00	0	151	170	3	3	103	123	396	1	158	0	0		
19:30 - 19:45	101	23	0	0	1.19	0.00	0	124	147	5	0	167	0	314	4	133	0	0		
19:45 - 20:00	116	5	0	1	1.13	12.00	0	122	138	1	3	31	123	292	2	128	0	0		

5-Hour Totals																			
Vehicles	2,165	1,821	47	42	N/A	N/A	41	4,116	6,497	63	62	2,235	2,542	11,274	131	4,372	0	0	
Persons	2,165	3,642	145	504			41												

	Va. 267 HOV Restricted		
	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (4:15 PM - 5:15 PM)	
Highway Passengers	11,274	7,059	2,684
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	6,497	4,077	1,618
Autos and Motorcycles	4,116	2,261	897
Average Auto Occupancy (Includes Motorcycles)	1.58	1.80	1.80

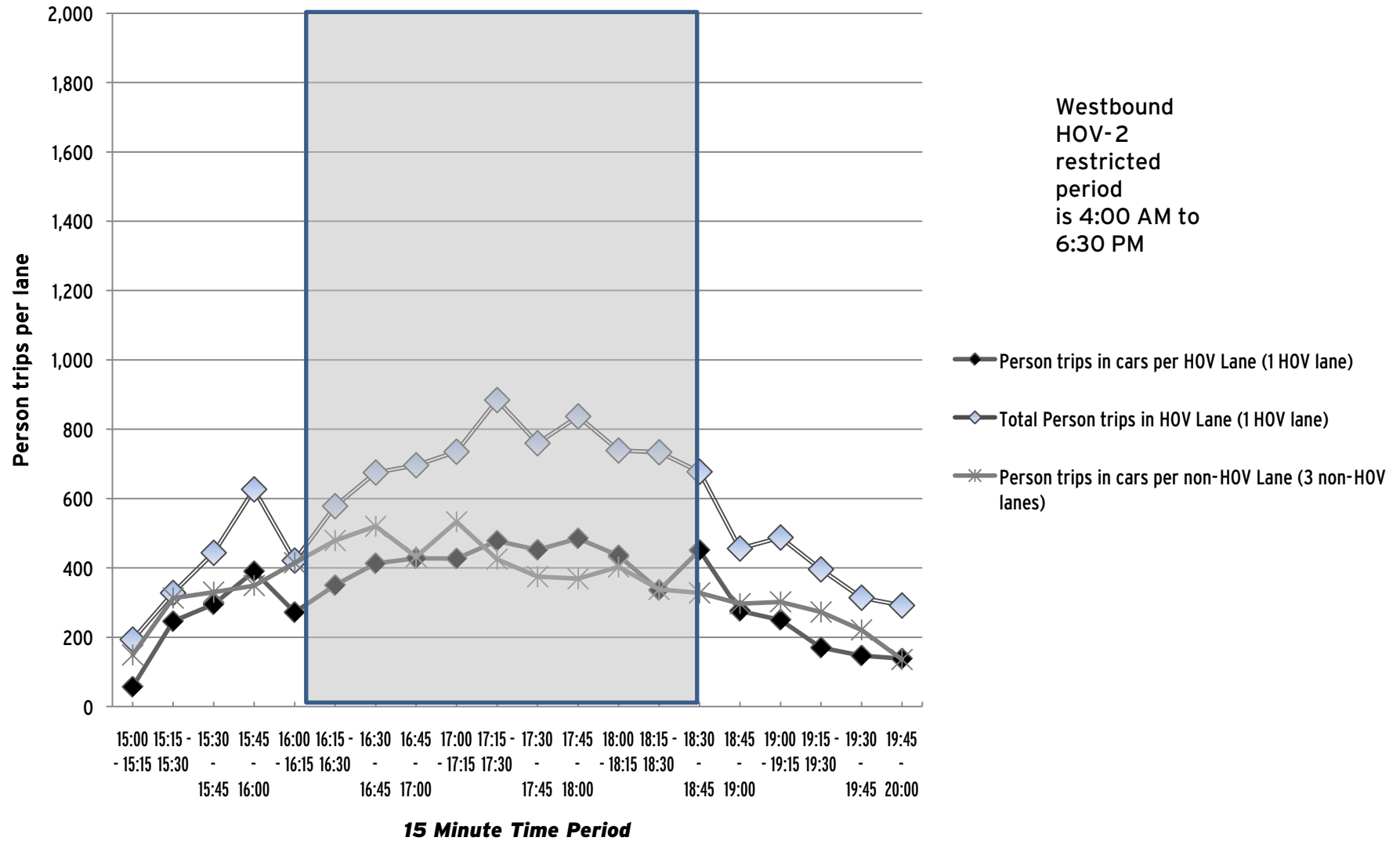
Va. 267 Westbound at Fairfax County Pky
 Non-HOV Lane Total
 Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+ MC Riders +Bus Passengers	Trucks			
15:00 - 15:15	443	2	0	0	1.00	0.00	1	446	448	0	2	0	0	448	0	448	0	0
15:15 - 15:30	877	29	1	0	1.04	4.00	0	907	939	1	6	0	0	939	0	914	0	0
15:30 - 15:45	880	37	3	2	1.07	6.60	2	924	989	1	7	0	0	989	38	972	0	0
15:45 - 16:00	990	21	1	1	1.03	7.50	1	1,014	1,048	1	5	0	0	1,048	32	1,052	0	0
16:00 - 16:15	1,164	33	1	1	1.04	7.50	0	1,199	1,245	0	1	0	0	1,245	43	1,243	0	0
16:15 - 16:30	1,309	38	8	2	1.06	5.30	0	1,357	1,438	1	9	0	0	1,438	42	1,409	0	0
16:30 - 16:45	1,495	26	2	0	1.02	4.50	3	1,526	1,559	1	5	0	0	1,559	27	1,559	0	0
16:45 - 17:00	1,253	13	1	1	1.02	7.50	1	1,269	1,295	0	7	0	0	1,295	31	1,307	0	0
17:00 - 17:15	1,526	29	1	1	1.03	7.50	1	1,558	1,600	0	2	0	0	1,600	23	1,584	0	0
17:15 - 17:30	1,179	42	0	1	1.04	12.00	1	1,223	1,276	2	5	0	0	1,276	24	1,254	0	0
17:30 - 17:45	1,064	31	0	0	1.03	0.00	0	1,095	1,126	0	6	0	0	1,126	25	1,126	0	0
17:45 - 18:00	1,077	14	1	0	1.01	3.00	0	1,092	1,108	1	3	0	0	1,108	22	1,118	0	0
18:00 - 18:15	1,154	15	0	2	1.03	12.00	0	1,171	1,208	0	6	0	0	1,208	5	1,182	0	0
18:15 - 18:30	984	11	1	0	1.02	5.00	2	998	1,013	1	5	0	0	1,013	9	1,013	0	0
18:30 - 18:45	899	36	0	1	1.05	12.00	1	937	984	0	4	0	0	984	18	959	0	0
18:45 - 19:00	810	28	0	2	1.06	12.00	2	842	892	1	7	0	0	892	20	870	0	0
19:00 - 19:15	752	62	2	2	1.11	7.50	0	818	906	1	6	0	0	906	17	843	0	0
19:15 - 19:30	694	39	3	3	1.11	7.50	1	740	818	0	5	0	0	818	12	757	0	0
19:30 - 19:45	635	6	1	1	1.03	7.50	0	643	662	1	10	0	0	662	15	669	0	0
19:45 - 20:00	403	3	0	0	1.01	0.00	0	406	409	0	10	0	0	409	18	435	0	0

5-Hour Totals																		
Vehicles	19,588	515	26	20	N/A	N/A	16	20,165	20,963	12	111	0	0	20,963	421	20,714	0	0
Persons	19,588	1,030	89	240			16											

	Va. 267 HOV Restricted		
	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (4:15 PM - 5:15 PM)	
Highway Passengers	20,963	12,868	5,892
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	20,963	12,868	5,892
Autos and Motorcycles	20,165	12,488	5,710
Average Auto Occupancy (Includes Motorcycles)	1.04	1.03	1.03

**Va. 267 Westbound
between Va. 602 (Reston Parkway) and Va. 7100 (Fairfax County Parkway)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**



VA-267 at Va-28 and the Greenway
 All Lanes Total
 Spring 2010 - 28 April 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	Trucks			
15:00 - 15:15	305	5	2	0	1.04	4.00	0	312	323	0	2	0	82	405	0	314	0	0	
15:15 - 15:30	878	42	6	0	1.06	3.50	0	926	983	0	2	0	82	1,065	0	928	0	0	
15:30 - 15:45	1,007	42	0	3	1.07	12.00	3	1,055	1,130	0	9	0	369	1,499	26	1,090	0	0	
15:45 - 16:00	1,170	33	1	5	1.07	10.50	2	1,211	1,301	0	5	0	205	1,506	46	1,262	0	0	
16:00 - 16:15	1,272	28	3	0	1.03	3.00	2	1,305	1,339	0	4	0	164	1,503	52	1,361	0	0	
16:15 - 16:30	1,523	54	0	2	1.05	12.00	2	1,581	1,657	0	4	0	164	1,821	44	1,632	0	0	
16:30 - 16:45	1,529	42	4	2	1.05	6.17	6	1,583	1,656	0	13	0	533	2,189	37	1,633	0	0	
16:45 - 17:00	1,488	42	0	1	1.03	12.00	3	1,534	1,587	0	6	0	246	1,833	40	1,580	0	0	
17:00 - 17:15	1,433	51	1	1	1.04	7.50	3	1,489	1,553	0	6	0	246	1,799	28	1,524	0	0	
17:15 - 17:30	1,530	53	0	1	1.04	12.00	3	1,587	1,651	0	8	0	328	1,979	23	1,618	0	0	
17:30 - 17:45	1,711	104	6	2	1.08	5.63	5	1,828	1,969	0	6	0	246	2,215	34	1,868	0	0	
17:45 - 18:00	1,648	75	2	0	1.05	3.50	1	1,726	1,806	0	1	0	41	1,847	31	1,758	0	0	
18:00 - 18:15	1,561	49	1	0	1.03	3.00	5	1,616	1,667	0	1	0	41	1,708	37	1,654	0	0	
18:15 - 18:30	1,527	50	1	0	1.03	3.00	3	1,581	1,633	0	3	0	123	1,756	24	1,608	0	0	
18:30 - 18:45	1,451	76	4	0	1.05	3.00	0	1,531	1,615	0	6	0	246	1,861	43	1,580	0	0	
18:45 - 19:00	1,049	62	5	1	1.08	5.17	4	1,121	1,208	0	2	0	82	1,290	33	1,156	0	0	
19:00 - 19:15	780	52	4	1	1.09	5.00	2	839	911	0	6	0	246	1,157	39	884	0	0	
19:15 - 19:30	735	49	1	3	1.11	9.75	0	788	872	0	4	0	164	1,036	22	814	0	0	
19:30 - 19:45	551	58	3	0	1.10	3.00	1	613	677	0	2	0	82	759	24	639	0	0	
19:45 - 20:00	395	88	1	1	1.21	7.50	0	485	586	0	3	0	123	709	16	504	0	0	

5-Hour Totals

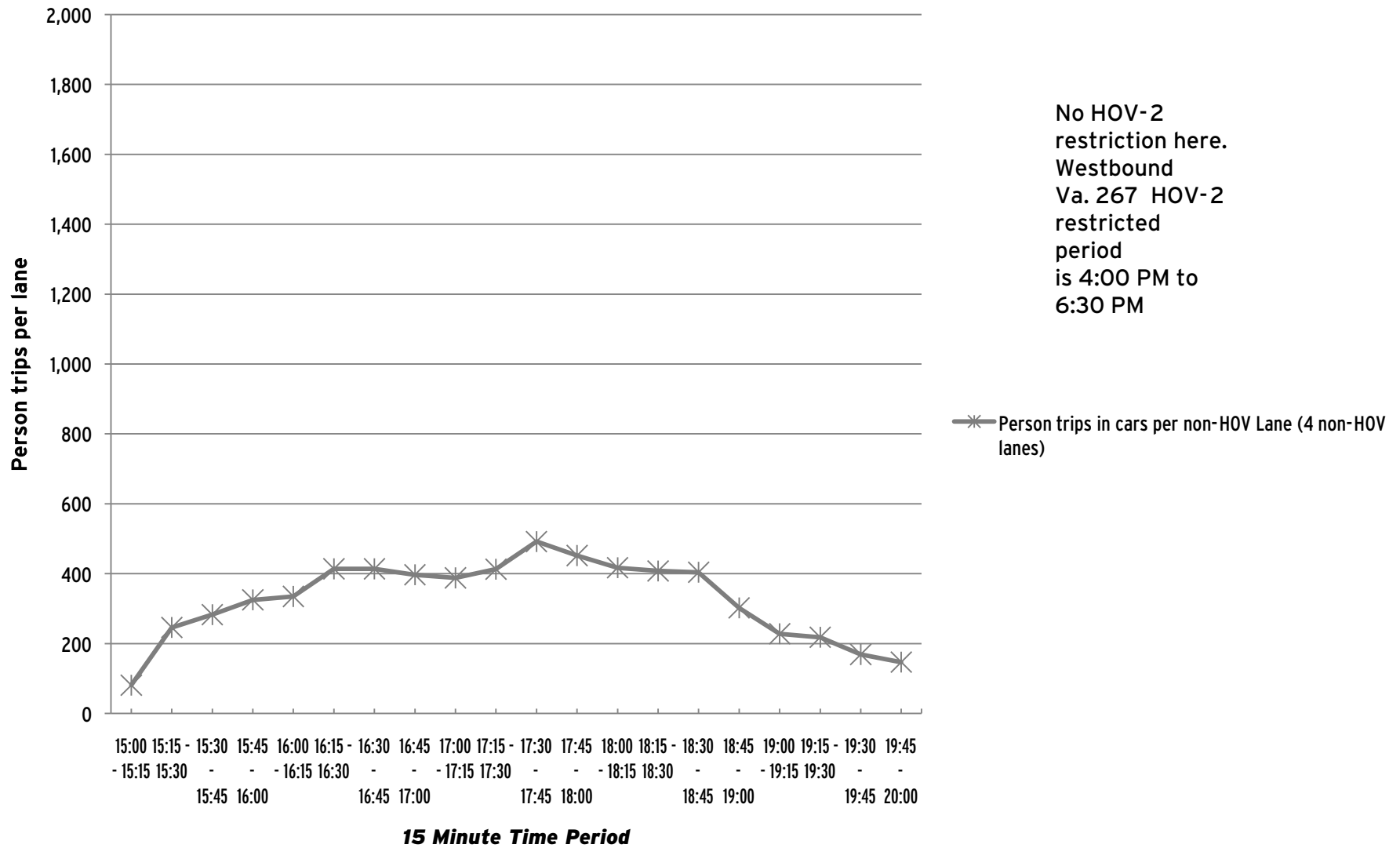
Vehicles	23,543	1,055	45	23	N/A	N/A	45	24,711	26,124	0	93	0	3,813	29,937	599	25,407	0	0
Persons	23,543	2,110	150	276			45											

Va. 267 HOV Restricted

	Period 5 Hours (4:00 PM - 6:30 PM)	Peak Hour (5:15 PM - 6:15 PM)
Highway Passengers	29,937	18,650
Rail Passengers	0	0
Auto and Motorcycle Passengers	26,124	16,518
Autos and Motorcycles	24,711	15,830
Average Auto Occupancy (Includes Motorcycles)	1.06	1.05

**Va. 267 Westbound at Va. 28 (Sully Road)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

No HOV-2
restriction here.
Westbound
Va. 267 HOV-2
restricted
period
is 4:00 PM to
6:30 PM



I-270 N at Rockledge Dr
 All Lanes Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Passengers	Trucks			
15:00 - 15:15	660	99	1	1	1.15	7.50	1	762	874	0	0	0	0	874	0	762	0	0	
15:15 - 15:30	1,069	129	1	2	1.13	9.00	4	1,205	1,358	0	1	0	0	1,358	0	1,206	0	0	
15:30 - 15:45	995	157	13	6	1.21	5.84	3	1,174	1,423	1	0	11	0	1,434	6	1,182	0	0	
15:45 - 16:00	1,074	187	10	4	1.20	5.64	7	1,282	1,534	2	2	22	82	1,638	5	1,292	0	0	
16:00 - 16:15	1,046	166	10	4	1.19	5.57	5	1,231	1,461	1	1	11	41	1,513	8	1,242	0	0	
16:15 - 16:30	1,055	172	12	1	1.17	4.08	3	1,243	1,455	2	4	19	82	1,556	6	1,256	1,778	0	
16:30 - 16:45	1,115	211	6	5	1.21	7.09	4	1,341	1,619	1	1	11	41	1,671	8	1,356	0	0	
16:45 - 17:00	831	176	15	0	1.20	3.00	4	1,026	1,232	3	2	26	82	1,340	9	1,043	2,169	0	
17:00 - 17:15	902	167	5	0	1.16	3.20	8	1,082	1,260	2	0	28	0	1,288	11	1,095	0	0	
17:15 - 17:30	855	219	19	2	1.26	4.05	2	1,097	1,380	2	2	34	82	1,496	3	1,105	2,687	0	
17:30 - 17:45	1,033	217	5	5	1.22	7.50	4	1,264	1,546	2	0	27	0	1,573	2	1,268	0	0	
17:45 - 18:00	940	213	10	3	1.23	5.08	2	1,168	1,434	2	1	23	0	1,457	2	1,173	2,349	0	
18:00 - 18:15	1,031	211	17	2	1.21	4.05	1	1,262	1,531	2	0	21	0	1,552	2	1,266	0	0	
18:15 - 18:30	1,041	201	10	2	1.19	4.58	3	1,257	1,501	2	0	17	0	1,518	1	1,260	1,877	0	
18:30 - 18:45	1,111	176	6	1	1.15	4.43	2	1,296	1,496	3	0	25	0	1,521	2	1,301	0	0	
18:45 - 19:00	974	170	6	0	1.16	3.00	6	1,156	1,338	1	0	11	0	1,349	2	1,159	1,160	0	
19:00 - 19:15	856	110	2	0	1.12	3.50	6	974	1,089	2	0	15	0	1,104	0	977	0	0	
19:15 - 19:30	752	92	6	0	1.12	3.17	1	851	956	1	0	11	0	967	2	854	0	0	
19:30 - 19:45	620	89	5	0	1.14	3.00	5	719	818	0	0	0	0	818	0	719	0	0	
19:45 - 20:00	560	50	8	0	1.11	3.13	1	619	686	1	0	11	0	697	1	621	0	0	

5-Hour Totals

Vehicles	18,520	3,212	167	38	N/A	N/A	72	22,009	25,991	30	14	323	410	26,724	70	22,137	12,020	0
Persons	18,520	6,424	519	456			72											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:45 PM - 4:45 PM)
Highway Passengers	26,724	5,875
Rail Passengers	12,020	1,778
Auto and Motorcycle Passengers	25,991	6,069
Autos and Motorcycles	22,009	5,097
Average Auto Occupancy (Includes Motorcycles)	1.18	1.19

Rail system patronage 4 PM to 7 PM only

I-270 N at Rockledge Dr
 HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
15:00 - 15:15	328	83	1	0	1.21	3.00	1	413	498	0	0	0	0	498	0	413	0	0		
15:15 - 15:30	251	83	0	1	1.28	12.00	4	339	433	0	0	0	0	433	0	339	0	0		
15:30 - 15:45	52	108	11	0	1.75	3.00	3	174	304	1	0	11	0	315	0	175	0	0		
15:45 - 16:00	52	150	10	3	1.92	5.15	6	221	425	2	2	22	82	529	0	225	0	0		
16:00 - 16:15	47	141	10	0	1.81	3.00	2	200	361	1	1	11	41	413	0	202	0	0		
16:15 - 16:30	42	154	9	1	1.89	4.10	1	207	392	2	2	19	82	493	0	211	0	0		
16:30 - 16:45	35	192	4	5	2.07	8.00	3	239	494	1	1	11	41	546	0	246	0	0		
16:45 - 17:00	50	156	14	0	1.82	3.00	4	224	408	2	2	26	82	516	0	231	0	0		
17:00 - 17:15	33	151	5	0	1.82	3.20	8	197	359	2	0	28	0	387	0	199	0	0		
17:15 - 17:30	28	196	18	0	1.96	3.17	2	244	479	2	2	34	82	595	0	249	0	0		
17:30 - 17:45	33	188	5	2	1.96	5.57	2	230	450	2	0	27	0	477	0	232	0	0		
17:45 - 18:00	11	181	8	0	1.98	3.00	2	202	399	2	0	23	0	422	0	204	0	0		
18:00 - 18:15	43	182	16	0	1.90	3.13	0	241	457	2	0	21	0	478	0	243	0	0		
18:15 - 18:30	112	165	8	2	1.71	4.90	2	289	493	2	0	17	0	510	0	291	0	0		
18:30 - 18:45	289	95	3	0	1.26	3.00	2	389	490	3	0	25	0	515	0	392	0	0		
18:45 - 19:00	250	101	3	0	1.30	3.00	4	358	465	1	0	11	0	476	0	359	0	0		
19:00 - 19:15	211	43	1	0	1.17	3.00	4	259	304	2	0	15	0	319	0	262	0	0		
19:15 - 19:30	194	29	3	0	1.15	3.00	1	227	262	1	0	11	0	273	0	228	0	0		
19:30 - 19:45	170	33	2	0	1.18	3.00	3	208	245	0	0	0	0	245	0	208	0	0		
19:45 - 20:00	171	31	3	0	1.18	3.00	1	206	243	1	0	11	0	254	0	207	0	0		

5-Hour Totals																			
Vehicles	2,402	2,462	134	14	N/A	N/A	55	5,067	7,961	29	10	323	410	8,694	0	5,116	0	0	
Persons	2,402	4,924	412	168			55												

	I-270 HOV Restricted		
	Period 5 Hours	Peak Hour (3:30 PM - 6:30 PM)	Peak Hour (3:45 PM - 4:45 PM)
Highway Passengers	8,694	5,681	1,962
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	7,961	5,021	1,672
Autos and Motorcycles	5,067	2,668	867
Average Auto Occupancy (Includes Motorcycles)	1.57	1.88	1.93

I-270 N at Rockledge Dr
 Non-HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	332	16	0	1	1.08	12.00	0	349	376	0	0	0	0	376	0	349	0	0	
15:15 - 15:30	818	46	1	1	1.07	7.50	0	866	925	0	1	0	0	925	0	867	0	0	
15:30 - 15:45	943	49	2	6	1.12	9.75	0	1,000	1,119	0	0	0	0	1,119	6	1,007	0	0	
15:45 - 16:00	1,022	37	0	1	1.05	12.00	1	1,061	1,109	0	0	0	0	1,109	5	1,067	0	0	
16:00 - 16:15	999	25	0	4	1.07	12.00	3	1,031	1,100	0	0	0	0	1,100	8	1,040	0	0	
16:15 - 16:30	1,013	18	3	0	1.03	4.00	2	1,036	1,063	0	2	0	0	1,063	6	1,045	0	0	
16:30 - 16:45	1,080	19	2	0	1.02	3.00	1	1,102	1,125	0	0	0	0	1,125	8	1,110	0	0	
16:45 - 17:00	781	20	1	0	1.03	3.00	0	802	824	1	0	0	0	824	9	812	0	0	
17:00 - 17:15	869	16	0	0	1.02	0.00	0	885	901	0	0	0	0	901	11	896	0	0	
17:15 - 17:30	827	23	1	2	1.06	9.33	0	853	901	0	0	0	0	901	3	856	0	0	
17:30 - 17:45	1,000	29	0	3	1.06	12.00	2	1,034	1,096	0	0	0	0	1,096	2	1,036	0	0	
17:45 - 18:00	929	32	2	3	1.07	8.40	0	966	1,035	0	1	0	0	1,035	2	969	0	0	
18:00 - 18:15	988	29	1	2	1.05	9.00	1	1,021	1,074	0	0	0	0	1,074	2	1,023	0	0	
18:15 - 18:30	929	36	2	0	1.04	3.00	1	968	1,008	0	0	0	0	1,008	1	969	0	0	
18:30 - 18:45	822	81	3	1	1.11	5.50	0	907	1,006	0	0	0	0	1,006	2	909	0	0	
18:45 - 19:00	724	69	3	0	1.09	3.00	2	798	873	0	0	0	0	873	2	800	0	0	
19:00 - 19:15	645	67	1	0	1.10	4.00	2	715	785	0	0	0	0	785	0	715	0	0	
19:15 - 19:30	558	63	3	0	1.11	3.33	0	624	694	0	0	0	0	694	2	626	0	0	
19:30 - 19:45	450	56	3	0	1.12	3.00	2	511	573	0	0	0	0	573	0	511	0	0	
19:45 - 20:00	389	19	5	0	1.07	3.20	0	413	443	0	0	0	0	443	1	414	0	0	

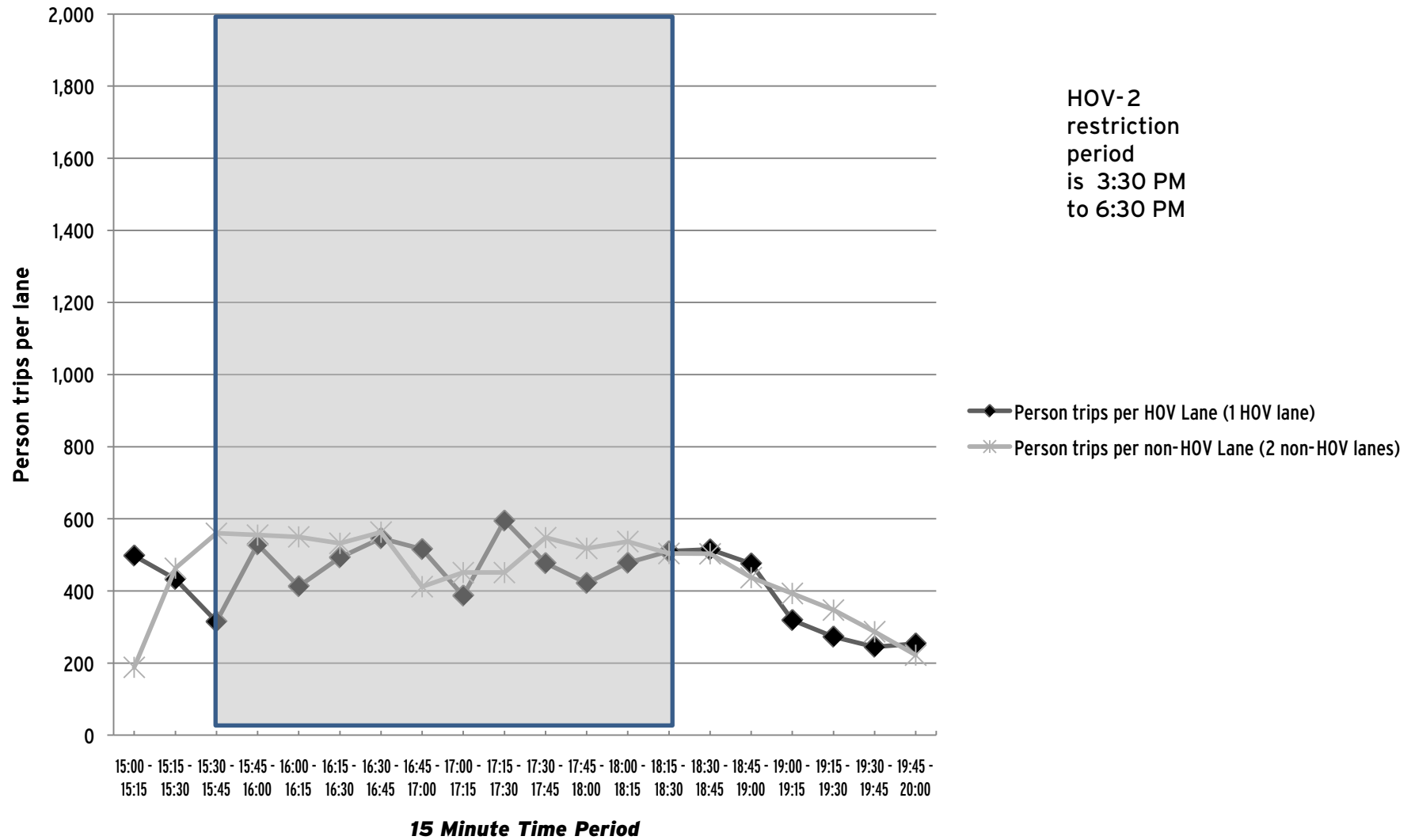
5-Hour Totals

Vehicles	16,118	750	33	24	N/A	N/A	17	16,942	18,030	1	4	0	0	18,030	70	17,021	0	0
Persons	16,118	1,500	107	288			17											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:45 PM - 4:45 PM)
Highway Passengers	18,030	12,355
Rail Passengers	0	0
Auto and Motorcycle Passengers	18,030	12,355
Autos and Motorcycles	16,942	11,759
Average Auto Occupancy (Includes Motorcycles)	1.06	1.05

**I-270 northbound between Rockledge Drive and I-270/I-270 Spur lane
merge
Spring 2010
Observed person trips per lane by 15 minute interval**



I-270 N at Democracy Blvd
 All Lanes Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	Other		Transit	Other	+Bus Passengers					
15:00 - 15:15	1,150	113	10	15	1.23	8.40	3	1,291	1,589	1	0	0	0	1,589	0	1,292	0	0	
15:15 - 15:30	1,170	125	7	11	1.20	8.72	3	1,316	1,580	0	2	0	82	1,662	0	1,318	0	0	
15:30 - 15:45	1,100	161	17	23	1.35	8.25	3	1,304	1,755	0	9	0	369	2,124	51	1,364	0	0	
15:45 - 16:00	1,055	143	19	13	1.27	6.84	8	1,238	1,568	0	7	0	246	1,814	42	1,289	0	0	
16:00 - 16:15	1,160	143	19	8	1.20	5.81	3	1,333	1,606	0	3	0	82	1,688	60	1,396	0	0	
16:15 - 16:30	993	324	18	5	1.31	5.26	3	1,343	1,765	0	4	0	123	1,888	48	1,395	0	0	
16:30 - 16:45	1,078	199	17	5	1.22	5.14	7	1,306	1,596	0	4	0	41	1,637	44	1,355	0	0	
16:45 - 17:00	978	226	18	5	1.26	5.04	10	1,237	1,556	1	1	0	41	1,597	27	1,267	0	0	
17:00 - 17:15	953	208	11	4	1.23	5.53	4	1,180	1,456	0	1	0	41	1,497	31	1,213	0	0	
17:15 - 17:30	991	245	18	2	1.24	3.95	3	1,259	1,563	0	4	0	123	1,686	44	1,307	0	0	
17:30 - 17:45	993	166	6	1	1.17	4.86	3	1,169	1,362	0	2	0	82	1,444	21	1,192	0	0	
17:45 - 18:00	1,017	122	13	1	1.14	3.71	3	1,156	1,316	0	1	0	41	1,357	23	1,180	0	0	
18:00 - 18:15	1,044	166	11	4	1.19	5.53	7	1,232	1,466	0	1	0	41	1,507	25	1,258	0	0	
18:15 - 18:30	975	213	13	8	1.27	6.43	5	1,214	1,541	0	6	0	246	1,787	27	1,247	0	0	
18:30 - 18:45	1,079	170	4	4	1.18	7.63	2	1,259	1,482	0	5	0	164	1,646	14	1,278	0	0	
18:45 - 19:00	925	138	6	0	1.14	3.00	1	1,070	1,220	0	1	0	0	1,220	31	1,102	0	0	
19:00 - 19:15	1,139	81	4	1	1.08	4.80	2	1,227	1,327	0	0	0	0	1,327	26	1,253	0	0	
19:15 - 19:30	1,009	56	3	0	1.06	3.33	3	1,071	1,134	1	0	0	0	1,134	29	1,101	0	0	
19:30 - 19:45	930	48	0	0	1.05	0.00	3	981	1,029	0	0	0	0	1,029	37	1,018	0	0	
19:45 - 20:00	962	18	0	2	1.04	12.00	3	985	1,025	0	0	0	0	1,025	2	987	0	0	

5-Hour Totals																			
Vehicles	20,701	3,065	214	112	N/A	N/A	79	24,171	28,936	3	51	0	1,722	30,658	582	24,812	0	0	
Persons	20,701	6,130	682	1,344			79												

	I-270 HOV Restricted		
	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:30 PM - 4:30 PM)	
Highway Passengers	30,658	20,026	7,514
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	28,936	18,550	6,694
Autos and Motorcycles	24,171	14,971	5,218
Average Auto Occupancy (Includes Motorcycles)	1.20	1.24	1.28

I-270 N at Democracy Blvd
 HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	339	87	9	1	1.27	3.90	1	437	553	0	0	0	0	553	0	437	0	0	
15:15 - 15:30	216	99	5	2	1.42	6.14	2	324	459	0	2	0	82	541	0	326	0	0	
15:30 - 15:45	118	140	14	3	1.74	4.76	2	277	481	0	9	0	369	850	6	292	0	0	
15:45 - 16:00	64	125	16	8	2.14	6.25	8	221	472	0	6	0	246	718	0	227	0	0	
16:00 - 16:15	71	116	18	3	1.90	4.48	3	211	400	0	2	0	82	482	4	217	0	0	
16:15 - 16:30	15	158	17	5	2.29	5.36	2	197	451	0	3	0	123	574	3	203	0	0	
16:30 - 16:45	1	166	16	4	2.26	4.90	6	193	437	0	1	0	41	478	0	194	0	0	
16:45 - 17:00	2	203	18	4	2.21	4.73	8	235	520	0	1	0	41	561	2	238	0	0	
17:00 - 17:15	2	174	8	3	2.18	5.55	3	190	414	0	1	0	41	455	3	194	0	0	
17:15 - 17:30	1	218	18	1	2.10	3.53	3	241	507	0	3	0	123	630	0	244	0	0	
17:30 - 17:45	34	137	5	1	1.91	5.17	2	179	341	0	2	0	82	423	0	181	0	0	
17:45 - 18:00	39	100	12	1	1.87	3.69	3	155	290	0	1	0	41	331	4	160	0	0	
18:00 - 18:15	43	142	11	1	1.87	3.92	7	204	381	0	1	0	41	422	1	206	0	0	
18:15 - 18:30	44	188	13	5	2.06	5.50	4	254	523	0	6	0	246	769	1	261	0	0	
18:30 - 18:45	245	130	3	1	1.39	5.50	0	379	527	0	4	0	164	691	1	384	0	0	
18:45 - 19:00	232	71	1	0	1.24	3.00	0	304	377	0	0	0	0	377	1	305	0	0	
19:00 - 19:15	377	16	0	1	1.07	12.00	1	395	422	0	0	0	0	422	1	396	0	0	
19:15 - 19:30	346	7	0	0	1.02	0.00	1	354	361	0	0	0	0	361	1	355	0	0	
19:30 - 19:45	315	38	0	0	1.11	0.00	0	353	391	0	0	0	0	391	0	353	0	0	
19:45 - 20:00	342	7	0	0	1.02	0.00	2	351	358	0	0	0	0	358	1	352	0	0	

5-Hour Totals

Vehicles	2,846	2,322	184	44	N/A	N/A	58	5,454	8,665	0	42	0	1,722	10,387	29	5,525	0	0
Persons	2,846	4,644	589	528			58											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	10,387	6,693
Rail Passengers	0	0
Auto and Motorcycle Passengers	8,665	5,217
Autos and Motorcycles	5,454	2,557
Average Auto Occupancy (Includes Motorcycles)	1.59	2.04

I-270 N at Democracy Blvd
 Non-HOV Lane Total
 Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	+Bus Passengers			
15:00 - 15:15	811	26	1	14	1.21	11.40	2	854	1,036		1	0	0	0	1,036	0	855	0	0
15:15 - 15:30	954	26	2	9	1.13	10.36	1	992	1,121		0	0	0	0	1,121	0	992	0	0
15:30 - 15:45	982	21	3	20	1.24	10.83	1	1,027	1,274		0	0	0	0	1,274	45	1,072	0	0
15:45 - 16:00	991	18	3	5	1.08	8.63	0	1,017	1,096		0	1	0	0	1,096	42	1,062	0	0
16:00 - 16:15	1,089	27	1	5	1.07	10.50	0	1,122	1,206		0	1	0	0	1,206	56	1,179	0	0
16:15 - 16:30	978	166	1	0	1.15	3.00	1	1,146	1,314		0	1	0	0	1,314	45	1,192	0	0
16:30 - 16:45	1,077	33	1	1	1.04	7.50	1	1,113	1,159		0	3	0	0	1,159	44	1,161	0	0
16:45 - 17:00	976	23	0	1	1.03	12.00	2	1,002	1,036		1	0	0	0	1,036	25	1,029	0	0
17:00 - 17:15	951	34	3	1	1.05	5.50	1	990	1,042		0	0	0	0	1,042	28	1,019	0	0
17:15 - 17:30	990	27	0	1	1.04	12.00	0	1,018	1,056		0	1	0	0	1,056	44	1,063	0	0
17:30 - 17:45	959	29	1	0	1.03	3.00	1	990	1,021		0	0	0	0	1,021	21	1,011	0	0
17:45 - 18:00	978	22	1	0	1.02	4.00	0	1,001	1,026		0	0	0	0	1,026	19	1,020	0	0
18:00 - 18:15	1,001	24	0	3	1.06	12.00	0	1,028	1,085		0	0	0	0	1,085	24	1,052	0	0
18:15 - 18:30	931	25	0	3	1.06	12.00	1	960	1,018		0	0	0	0	1,018	26	986	0	0
18:30 - 18:45	834	40	1	3	1.09	9.75	2	880	955		0	1	0	0	955	13	894	0	0
18:45 - 19:00	693	67	5	0	1.10	3.00	1	766	843		0	1	0	0	843	30	797	0	0
19:00 - 19:15	762	65	4	0	1.09	3.00	1	832	905		0	0	0	0	905	25	857	0	0
19:15 - 19:30	663	49	3	0	1.08	3.33	2	717	773		1	0	0	0	773	28	746	0	0
19:30 - 19:45	615	10	0	0	1.02	0.00	3	628	638		0	0	0	0	638	37	665	0	0
19:45 - 20:00	620	11	0	2	1.05	12.00	1	634	667		0	0	0	0	667	1	635	0	0

5-Hour Totals

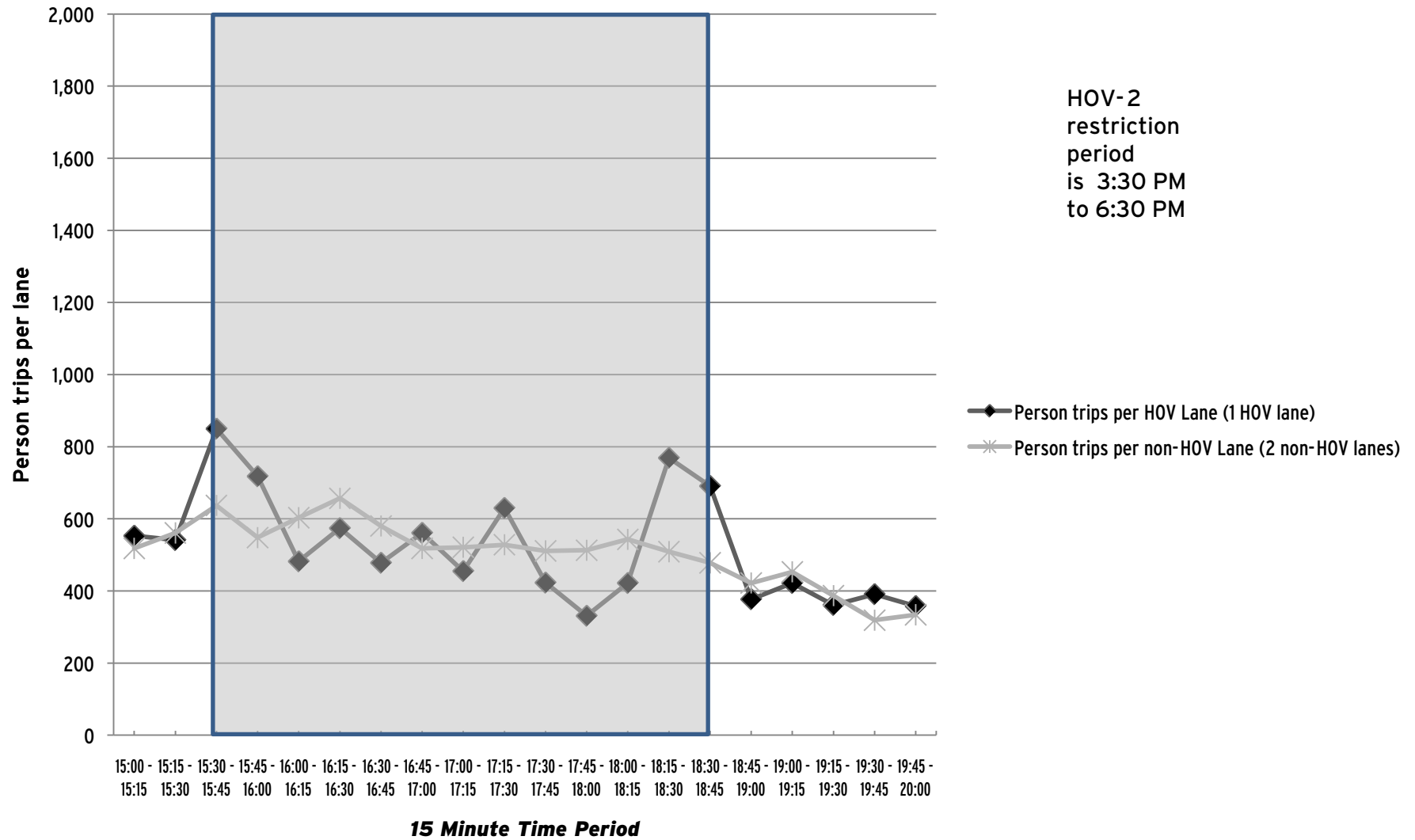
Vehicles	17,855	743	30	68	N/A	N/A	21	18,717	20,271	3	9	0	0	20,271	553	19,287	0	0
Persons	17,855	1,486	93	816			21											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	20,271	13,333
Rail Passengers	0	0
Auto and Motorcycle Passengers	20,271	13,333
Autos and Motorcycles	18,717	12,414
Average Auto Occupancy (Includes Motorcycles)	1.08	1.07

**I-270Y (I-270 Spur) northbound between Democracy Boulevard and
I-270/I-270 Spur merge
Spring 2010**

Observed person trips per lane by 15 minute interval



I-270 North between the "Split" and Montrose Road (max load point)

All Lanes Total

Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	1,810	212	11	16	1.20	8.33	4	2,053	2,463	1	0	0	0	2,463	0	2,054	0	0	
15:15 - 15:30	2,239	254	8	13	1.17	8.76	7	2,521	2,938	0	3	0	82	3,020	0	2,524	0	0	
15:30 - 15:45	2,095	318	30	29	1.28	7.47	6	2,478	3,178	1	9	11	369	3,558	57	2,546	0	0	
15:45 - 16:00	2,129	330	29	17	1.23	6.48	15	2,520	3,102	2	9	22	328	3,452	47	2,581	0	0	
16:00 - 16:15	2,206	309	29	12	1.20	5.73	8	2,564	3,067	1	4	11	123	3,201	68	2,638	0	0	
16:15 - 16:30	2,048	496	30	6	1.25	4.83	6	2,586	3,220	2	8	19	205	3,444	54	2,651	1,778	0	
16:30 - 16:45	2,193	410	23	10	1.21	5.79	11	2,647	3,215	1	5	11	82	3,308	52	2,711	0	0	
16:45 - 17:00	1,809	402	33	5	1.23	4.24	14	2,263	2,788	4	3	26	123	2,937	36	2,310	2,169	0	
17:00 - 17:15	1,855	375	16	4	1.20	4.95	12	2,262	2,716	2	1	28	41	2,785	42	2,308	0	0	
17:15 - 17:30	1,846	464	37	4	1.25	4.00	5	2,356	2,943	2	6	34	205	3,182	47	2,412	2,687	0	
17:30 - 17:45	2,026	383	11	6	1.20	6.41	7	2,433	2,908	2	2	27	82	3,017	23	2,460	0	0	
17:45 - 18:00	1,957	335	23	4	1.18	4.37	5	2,324	2,750	2	2	23	41	2,814	25	2,353	2,349	0	
18:00 - 18:15	2,075	377	28	6	1.20	4.71	8	2,494	2,997	2	1	21	41	3,059	27	2,524	0	0	
18:15 - 18:30	2,016	414	23	10	1.23	5.76	8	2,471	3,042	2	6	17	246	3,305	28	2,507	1,877	0	
18:30 - 18:45	2,190	346	10	5	1.17	6.13	4	2,555	2,978	3	5	25	164	3,167	16	2,579	0	0	
18:45 - 19:00	1,899	308	12	0	1.15	3.00	7	2,226	2,558	1	1	11	0	2,569	33	2,261	1,160	0	
19:00 - 19:15	1,995	191	6	1	1.10	4.43	8	2,201	2,416	2	0	15	0	2,431	26	2,230	0	0	
19:15 - 19:30	1,761	148	9	0	1.09	3.22	4	1,922	2,090	2	0	11	0	2,101	31	1,955	0	0	
19:30 - 19:45	1,550	137	5	0	1.09	3.00	8	1,700	1,847	0	0	0	0	1,847	37	1,737	0	0	
19:45 - 20:00	1,522	68	8	2	1.07	4.90	4	1,604	1,711	1	0	11	0	1,722	3	1,608	0	0	

5-Hour Totals

Vehicles	39,221	6,277	381	150	N/A	N/A	151	46,180	54,927	33	65	323	2,132	57,382	652	46,949	12,020	0
Persons	39,221	12,554	1,201	1,800			151											

I-270 HOV Restricted

	Period	Peak Hour	
5 Hours	(3:30 PM - 6:30 PM)	(3:45 PM - 4:45 PM)	
Highway Passengers	57,382	38,062	12,740
Rail Passengers	12,020	10,860	1,778 <i>Rail system patronage 4 PM to 7 PM only</i>
Auto and Motorcycle Passengers	54,927	35,926	12,604
Autos and Motorcycles	46,180	29,398	10,317
Average Auto Occupancy (Includes Motorcycles)	1.19	1.22	1.22

I-270 North between the "Split" and Montrose Road (max load point)

HOV Lane Total

Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
15:00 - 15:15	667	170	10	1	1.24	3.82	2	850	1,051	0	0	0	0	1,051	0	850	0	0		
15:15 - 15:30	467	182	5	3	1.35	6.88	6	663	892	0	2	0	82	974	0	665	0	0		
15:30 - 15:45	170	248	25	3	1.74	4.07	5	451	785	1	9	11	369	1,165	6	467	0	0		
15:45 - 16:00	116	275	26	11	2.03	5.86	14	442	897	2	8	22	328	1,247	0	452	0	0		
16:00 - 16:15	118	257	28	3	1.85	4.00	5	411	761	1	3	11	123	895	4	419	0	0		
16:15 - 16:30	57	312	26	6	2.09	4.97	3	404	843	2	5	19	205	1,067	3	414	0	0		
16:30 - 16:45	36	358	20	9	2.16	5.86	9	432	931	1	2	11	82	1,024	0	440	0	0		
16:45 - 17:00	52	359	32	4	2.02	4.06	12	459	928	2	3	26	123	1,077	2	469	0	0		
17:00 - 17:15	35	325	13	3	2.00	4.81	11	387	773	2	1	28	41	842	3	393	0	0		
17:15 - 17:30	29	414	36	1	2.03	3.35	5	485	986	2	5	34	205	1,225	0	493	0	0		
17:30 - 17:45	67	325	10	3	1.93	5.38	4	409	791	2	2	27	82	900	0	413	0	0		
17:45 - 18:00	50	281	20	1	1.93	3.43	5	357	689	2	1	23	41	753	4	364	0	0		
18:00 - 18:15	86	324	27	1	1.88	3.46	7	445	838	2	1	21	41	900	1	449	0	0		
18:15 - 18:30	156	353	21	7	1.87	5.29	6	543	1,016	2	6	17	246	1,279	1	552	0	0		
18:30 - 18:45	534	225	6	1	1.32	4.43	2	768	1,017	3	4	25	164	1,206	1	776	0	0		
18:45 - 19:00	482	172	4	0	1.27	3.00	4	662	842	1	0	11	0	853	1	664	0	0		
19:00 - 19:15	588	59	1	1	1.11	7.50	5	654	726	2	0	15	0	741	1	658	0	0		
19:15 - 19:30	540	36	3	0	1.07	3.00	2	581	623	1	0	11	0	634	1	583	0	0		
19:30 - 19:45	485	71	2	0	1.13	3.00	3	561	636	0	0	0	0	636	0	561	0	0		
19:45 - 20:00	513	38	3	0	1.08	3.00	3	557	601	1	0	11	0	612	1	559	0	0		

5-Hour Totals

Vehicles	5,248	4,784	318	58	N/A	N/A	113	10,521	16,626	29	52	323	2,132	19,081	29	10,641	0	0
Persons	5,248	9,568	1,001	696			113											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:45 PM - 4:45 PM)
Highway Passengers	19,081	12,374
Rail Passengers	0	0
Auto and Motorcycle Passengers	16,626	10,238
Autos and Motorcycles	10,521	5,225
Average Auto Occupancy (Includes Motorcycles)	1.58	1.96

I-270 North between the "Split" and Montrose Road (max load point)

Non-HOV Lane Total

Spring 2010 - 25 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	Trucks			
15:00 - 15:15	1,143	42	1	15	1.17	11.44	2	1,203	1,412	1	0	0	0	0	1,412	0	1,204	0	0
15:15 - 15:30	1,772	72	3	10	1.10	9.92	1	1,858	2,046	0	1	0	0	0	2,046	0	1,859	0	0
15:30 - 15:45	1,925	70	5	26	1.18	10.55	1	2,027	2,393	0	0	0	0	0	2,393	51	2,079	0	0
15:45 - 16:00	2,013	55	3	6	1.06	9.00	1	2,078	2,205	0	1	0	0	0	2,205	47	2,129	0	0
16:00 - 16:15	2,088	52	1	9	1.07	11.10	3	2,153	2,306	0	1	0	0	0	2,306	64	2,219	0	0
16:15 - 16:30	1,991	184	4	0	1.09	3.75	3	2,182	2,377	0	3	0	0	0	2,377	51	2,237	0	0
16:30 - 16:45	2,157	52	3	1	1.03	5.25	2	2,215	2,284	0	3	0	0	0	2,284	52	2,271	0	0
16:45 - 17:00	1,757	43	1	1	1.03	7.50	2	1,804	1,860	2	0	0	0	0	1,860	34	1,841	0	0
17:00 - 17:15	1,820	50	3	1	1.04	5.50	1	1,875	1,943	0	0	0	0	0	1,943	39	1,915	0	0
17:15 - 17:30	1,817	50	1	3	1.05	10.00	0	1,871	1,957	0	1	0	0	0	1,957	47	1,919	0	0
17:30 - 17:45	1,959	58	1	3	1.05	9.75	3	2,024	2,117	0	0	0	0	0	2,117	23	2,047	0	0
17:45 - 18:00	1,907	54	3	3	1.05	7.67	0	1,967	2,061	0	1	0	0	0	2,061	21	1,989	0	0
18:00 - 18:15	1,989	53	1	5	1.05	10.50	1	2,049	2,159	0	0	0	0	0	2,159	26	2,075	0	0
18:15 - 18:30	1,860	61	2	3	1.05	8.40	2	1,928	2,026	0	0	0	0	0	2,026	27	1,955	0	0
18:30 - 18:45	1,656	121	4	4	1.10	7.63	2	1,787	1,961	0	1	0	0	0	1,961	15	1,803	0	0
18:45 - 19:00	1,417	136	8	0	1.10	3.00	3	1,564	1,716	0	1	0	0	0	1,716	32	1,597	0	0
19:00 - 19:15	1,407	132	5	0	1.09	3.20	3	1,547	1,690	0	0	0	0	0	1,690	25	1,572	0	0
19:15 - 19:30	1,221	112	6	0	1.09	3.33	2	1,341	1,467	1	0	0	0	0	1,467	30	1,372	0	0
19:30 - 19:45	1,065	66	3	0	1.06	3.00	5	1,139	1,211	0	0	0	0	0	1,211	37	1,176	0	0
19:45 - 20:00	1,009	30	5	2	1.06	5.71	1	1,047	1,110	0	0	0	0	0	1,110	2	1,049	0	0

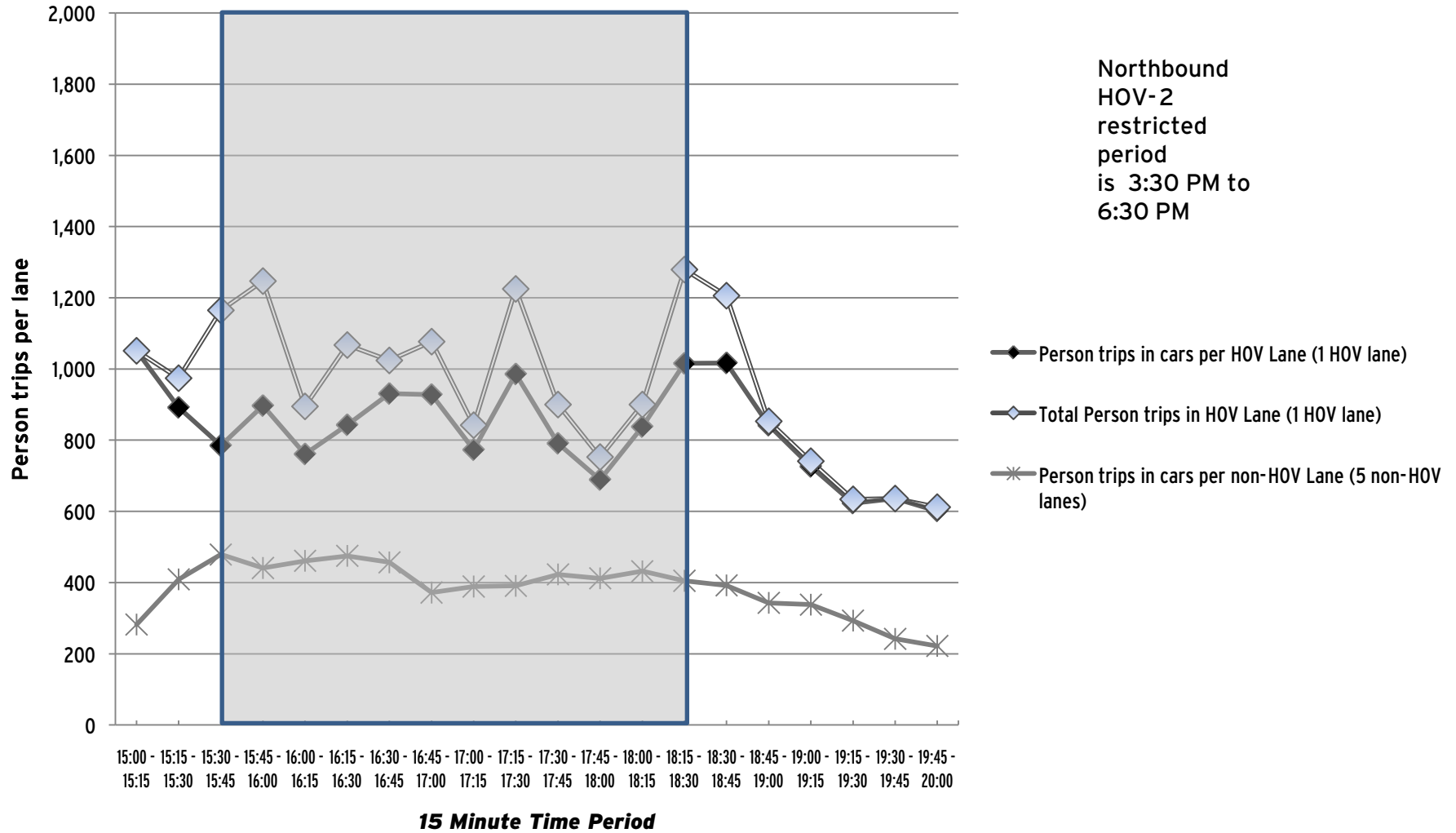
5-Hour Totals

Vehicles	33,973	1,493	63	92	N/A	N/A	38	35,659	38,301	4	13	0	0	38,301	623	36,308	0	0
Persons	33,973	2,986	200	1,104			38											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:45 PM - 4:45 PM)
Highway Passengers	38,301	25,688
Rail Passengers	0	0
Auto and Motorcycle Passengers	38,301	25,688
Autos and Motorcycles	35,659	24,173
Average Auto Occupancy (Includes Motorcycles)	1.07	1.06

I-270 Northbound between I-270/I-270 Spur merge and Montrose Road P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-270 northbound Between Montrose Road and Md. 189 (Falls Road)

All Lanes Total

Spring 2010 - 27 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	1,248	163	6	8	1.19	8.64	9	1,434	1,704	0	4	0	0	1,704	0	1,441	0	0	
15:15 - 15:30	2,061	291	12	15	1.20	8.15	6	2,385	2,869	6	13	0	123	2,992	0	2,404	0	0	
15:30 - 15:45	2,025	327	15	10	1.20	6.68	7	2,384	2,853	2	13	11	123	2,987	33	2,433	0	0	
15:45 - 16:00	1,825	289	2	20	1.24	11.23	10	2,146	2,660	2	10	22	123	2,805	102	2,262	0	0	
16:00 - 16:15	1,851	253	15	7	1.17	5.91	14	2,140	2,501	3	5	11	82	2,594	76	2,228	0	0	
16:15 - 16:30	1,873	279	9	10	1.19	7.84	9	2,180	2,589	3	13	19	328	2,936	71	2,267	0	0	
16:30 - 16:45	1,975	292	8	10	1.18	8.17	8	2,293	2,714	1	14	11	574	3,299	65	2,373	0	0	
16:45 - 17:00	1,821	339	7	5	1.19	7.00	10	2,182	2,593	2	8	26	246	2,865	68	2,263	0	0	
17:00 - 17:15	1,853	333	10	8	1.20	7.17	11	2,215	2,659	4	6	28	205	2,892	57	2,283	0	0	
17:15 - 17:30	1,437	221	3	4	1.16	8.57	2	1,667	1,941	2	4	34	82	2,057	29	1,702	0	0	
17:30 - 17:45	1,497	240	3	4	1.17	9.00	4	1,748	2,044	4	3	27	82	2,153	45	1,800	0	0	
17:45 - 18:00	1,727	240	0	5	1.15	12.00	2	1,974	2,269	4	2	23	82	2,374	22	2,002	0	0	
18:00 - 18:15	2,065	356	22	4	1.18	4.69	5	2,452	2,904	2	3	21	82	3,007	26	2,483	0	0	
18:15 - 18:30	1,844	320	8	3	1.17	5.82	2	2,177	2,550	3	7	17	246	2,813	29	2,217	0	0	
18:30 - 18:45	1,552	269	4	1	1.16	5.00	2	1,828	2,117	3	5	25	164	2,306	37	1,873	0	0	
18:45 - 19:00	1,834	248	10	3	1.14	5.23	3	2,098	2,401	1	4	11	82	2,494	31	2,134	0	0	
19:00 - 19:15	1,886	182	4	9	1.14	9.31	3	2,084	2,374	5	2	15	41	2,430	38	2,130	0	0	
19:15 - 19:30	2,020	147	5	13	1.14	9.50	3	2,188	2,488	3	5	11	164	2,663	40	2,237	0	0	
19:30 - 19:45	1,611	133	16	1	1.10	4.06	4	1,765	1,950	0	1	0	41	1,991	38	1,804	0	0	
19:45 - 20:00	1,209	113	7	1	1.11	4.50	0	1,330	1,471	1	7	11	164	1,646	50	1,388	0	0	

5-Hour Totals

Vehicles	35,214	5,035	166	141	N/A	N/A	114	40,670	47,651	51	129	323	3,034	51,008	857	41,724	0	0
Persons	35,214	10,070	561	1,692			114											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:15 PM - 4:15 PM)
Highway Passengers	51,008	32,782
Rail Passengers	0	0
Auto and Motorcycle Passengers	47,651	30,277
Autos and Motorcycles	40,670	25,558
Average Auto Occupancy (Includes Motorcycles)	1.17	1.20

I-270 northbound Between Montrose Road and Md. 189 (Falls Road)

HOV Lane Total

Spring 2010 - 27 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	305	109	3	3	1.35	7.83	7	427	577	0	0	0	0	577	0	427	0	0	
15:15 - 15:30	311	160	2	5	1.46	9.43	2	480	699	0	3	0	123	822	0	483	0	0	
15:30 - 15:45	44	209	7	3	1.95	5.80	7	270	527	0	3	11	123	661	0	274	0	0	
15:45 - 16:00	54	211	1	10	2.15	11.18	6	282	605	1	3	22	123	750	3	291	0	0	
16:00 - 16:15	37	202	8	7	2.13	7.20	8	262	557	0	2	11	82	650	2	270	0	0	
16:15 - 16:30	35	201	8	8	2.19	7.63	7	259	566	1	8	19	328	913	2	271	0	0	
16:30 - 16:45	39	236	8	8	2.16	7.69	5	296	639	0	14	11	574	1,224	1	312	0	0	
16:45 - 17:00	37	244	6	5	2.05	7.36	7	299	613	1	6	26	246	885	2	311	0	0	
17:00 - 17:15	33	265	3	4	2.01	8.14	8	313	628	1	5	28	205	861	1	321	0	0	
17:15 - 17:30	28	178	1	1	1.91	7.50	2	210	401	1	2	34	82	517	3	217	0	0	
17:30 - 17:45	12	218	0	1	1.98	12.00	2	233	462	1	2	27	82	571	7	244	0	0	
17:45 - 18:00	81	209	0	5	1.89	12.00	2	297	561	1	2	23	82	666	2	303	0	0	
18:00 - 18:15	41	225	9	1	1.91	4.00	4	280	535	1	2	21	82	638	2	286	0	0	
18:15 - 18:30	44	225	3	1	1.89	5.75	1	274	518	1	6	17	246	781	1	284	0	0	
18:30 - 18:45	35	221	1	1	1.90	7.50	1	259	493	1	4	25	164	682	0	266	0	0	
18:45 - 19:00	351	82	1	2	1.24	9.00	1	437	543	0	2	11	82	636	1	441	0	0	
19:00 - 19:15	386	69	1	1	1.18	7.50	2	459	541	1	1	15	41	597	0	462	0	0	
19:15 - 19:30	327	54	2	2	1.21	7.50	1	386	466	0	4	11	164	641	0	392	0	0	
19:30 - 19:45	313	45	0	0	1.13	0.00	2	360	405	0	1	0	41	446	2	363	0	0	
19:45 - 20:00	138	25	2	0	1.18	3.00	0	165	194	0	4	11	164	369	0	170	0	0	

5-Hour Totals

Vehicles	2,651	3,388	66	68	N/A	N/A	75	6,248	10,530	11	74	323	3,034	13,887	29	6,388	0	0
Persons	2,651	6,776	212	816			75											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:15 PM - 4:15 PM)
Highway Passengers	13,887	9,117
Rail Passengers	0	0
Auto and Motorcycle Passengers	10,530	6,612
Autos and Motorcycles	6,248	3,275
Average Auto Occupancy (Includes Motorcycles)	1.69	2.02

I-270 northbound Between Montrose Road and Md. 189 (Falls Road)

Non-HOV Lane Total

Spring 2010 - 27 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	943	54	3	5	1.12	9.25	2	1,007	1,127	0	4	0	0	1,127	0	1,014	0	0	
15:15 - 15:30	1,750	131	10	10	1.14	7.70	4	1,905	2,170	6	10	0	0	2,170	0	1,921	0	0	
15:30 - 15:45	1,981	118	8	7	1.10	7.27	0	2,114	2,326	1	10	0	0	2,326	33	2,159	0	0	
15:45 - 16:00	1,771	78	1	10	1.10	11.27	4	1,864	2,055	0	7	0	0	2,055	99	1,971	0	0	
16:00 - 16:15	1,814	51	7	0	1.04	3.14	6	1,878	1,944	2	3	0	0	1,944	74	1,958	0	0	
16:15 - 16:30	1,838	78	1	2	1.05	9.00	2	1,921	2,023	1	5	0	0	2,023	69	1,996	0	0	
16:30 - 16:45	1,936	56	0	2	1.04	12.00	3	1,997	2,075	0	0	0	0	2,075	64	2,061	0	0	
16:45 - 17:00	1,784	95	1	0	1.05	3.00	3	1,883	1,980	0	2	0	0	1,980	66	1,952	0	0	
17:00 - 17:15	1,820	68	7	4	1.07	6.55	3	1,902	2,031	2	1	0	0	2,031	56	1,962	0	0	
17:15 - 17:30	1,409	43	2	3	1.06	9.00	0	1,457	1,540	0	2	0	0	1,540	26	1,485	0	0	
17:30 - 17:45	1,485	22	3	3	1.04	8.50	2	1,515	1,582	2	1	0	0	1,582	38	1,556	0	0	
17:45 - 18:00	1,646	31	0	0	1.02	0.00	0	1,677	1,708	2	0	0	0	1,708	20	1,699	0	0	
18:00 - 18:15	2,024	131	13	3	1.09	5.13	1	2,172	2,369	0	1	0	0	2,369	24	2,197	0	0	
18:15 - 18:30	1,800	95	5	2	1.07	5.86	1	1,903	2,032	1	1	0	0	2,032	28	1,933	0	0	
18:30 - 18:45	1,517	48	3	0	1.04	3.33	1	1,569	1,624	0	1	0	0	1,624	37	1,607	0	0	
18:45 - 19:00	1,483	166	9	1	1.12	4.10	2	1,661	1,858	0	2	0	0	1,858	30	1,693	0	0	
19:00 - 19:15	1,500	113	3	8	1.13	9.64	1	1,625	1,833	3	1	0	0	1,833	38	1,668	0	0	
19:15 - 19:30	1,693	93	3	11	1.12	10.07	2	1,802	2,022	2	1	0	0	2,022	40	1,845	0	0	
19:30 - 19:45	1,298	88	16	1	1.10	4.06	2	1,405	1,545	0	0	0	0	1,545	36	1,441	0	0	
19:45 - 20:00	1,071	88	5	1	1.10	5.00	0	1,165	1,277	0	3	0	0	1,277	50	1,218	0	0	

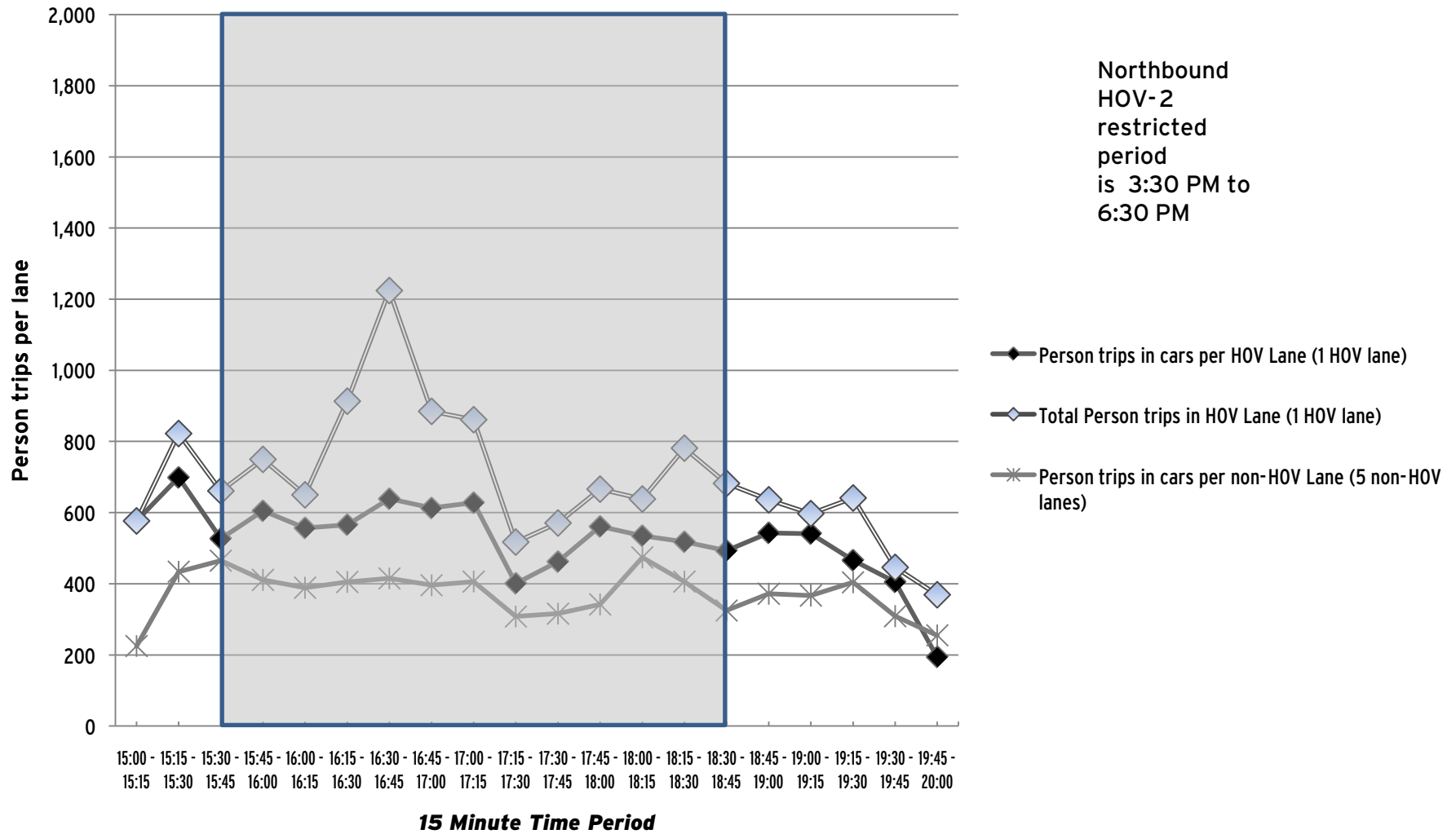
5-Hour Totals

Vehicles	32,563	1,647	100	73	N/A	N/A	39	34,422	37,121	22	55	0	0	37,121	828	35,336	0	0
Persons	32,563	3,294	349	876			39											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (3:15 PM - 4:15 PM)
Highway Passengers	37,121	23,665
Rail Passengers	0	0
Auto and Motorcycle Passengers	37,121	23,665
Autos and Motorcycles	34,422	22,283
Average Auto Occupancy (Includes Motorcycles)	1.08	1.06

I-270 Northbound between Montrose Road and Md. 189 (Falls Road) P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-270 Northbound between Shady Grove Road and I-370

All Lanes Total

Spring 2010 - 26 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	1,916	246	7	7	1.15	7.50	6	2,182	2,519	0	4	0	0	2,519	25	2,212	0	0	
15:15 - 15:30	1,870	192	4	8	1.14	9.33	7	2,081	2,373	7	5	0	0	2,373	34	2,128	0	0	
15:30 - 15:45	1,640	259	7	9	1.19	8.13	8	1,923	2,296	3	11	11	287	2,594	64	2,002	0	0	
15:45 - 16:00	1,637	242	6	12	1.20	9.00	6	1,903	2,289	4	8	22	205	2,516	83	1,999	0	0	
16:00 - 16:15	1,626	248	7	6	1.17	7.15	17	1,904	2,232	3	12	11	246	2,489	73	1,992	0	0	
16:15 - 16:30	2,308	219	15	6	1.12	5.62	18	2,566	2,882	2	12	19	328	3,229	63	2,645	1,254	0	
16:30 - 16:45	2,344	108	2	5	1.07	9.57	11	2,470	2,638	2	5	11	82	2,731	51	2,528	0	0	
16:45 - 17:00	2,397	118	3	3	1.06	7.50	9	2,530	2,687	3	5	26	41	2,754	40	2,578	1,482	0	
17:00 - 17:15	2,349	139	3	3	1.07	7.67	12	2,506	2,685	3	3	28	123	2,836	27	2,539	0	0	
17:15 - 17:30	2,421	62	4	1	1.03	5.00	6	2,494	2,576	2	4	34	82	2,692	31	2,531	1,768	0	
17:30 - 17:45	1,635	434	16	2	1.23	4.06	13	2,100	2,589	4	1	27	0	2,616	26	2,131	0	0	
17:45 - 18:00	1,619	255	9	1	1.15	4.10	11	1,895	2,181	2	3	23	82	2,286	26	1,926	1,463	0	
18:00 - 18:15	1,521	303	6	3	1.19	6.11	12	1,845	2,194	2	1	21	0	2,215	29	1,877	0	0	
18:15 - 18:30	1,670	270	4	3	1.16	7.00	13	1,960	2,272	3	3	17	0	2,289	28	1,994	1,132	0	
18:30 - 18:45	1,796	200	7	7	1.14	7.50	5	2,015	2,306	3	1	25	0	2,331	31	2,050	0	0	
18:45 - 19:00	2,198	163	6	0	1.07	3.00	12	2,379	2,554	3	3	11	41	2,606	39	2,424	666	0	
19:00 - 19:15	2,019	29	2	1	1.02	6.33	4	2,055	2,100	3	2	15	82	2,197	23	2,084	0	0	
19:15 - 19:30	1,272	48	2	1	1.05	6.67	9	1,332	1,397	1	0	11	0	1,408	23	1,356	0	0	
19:30 - 19:45	1,158	43	2	2	1.06	7.75	5	1,210	1,280	0	0	0	0	1,280	21	1,231	0	0	
19:45 - 20:00	1,182	58	1	0	1.05	4.00	7	1,248	1,309	1	0	11	0	1,320	41	1,290	0	0	

5-Hour Totals

Vehicles	36,578	3,636	113	80	N/A	N/A	191	40,598	45,359	51	83	323	1,599	47,281	778	41,517	7,765	0
Persons	36,578	7,272	358	960			191											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (4:15 PM - 5:15 PM)	
Highway Passengers	47,281	31,247	11,550
Rail Passengers	7,765	7,099	2,736
Auto and Motorcycle Passengers	45,359	29,521	10,892
Autos and Motorcycles	40,598	26,096	10,072
Average Auto Occupancy (Includes Motorcycles)	1.12	1.13	1.08

I-270 Northbound between Shady Grove Road and I-370
 HOV Lane Total
 Spring 2010 - 26 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	319	129	1	1	1.31	7.50	2	452	594	0	0	0	0	594	0	452	0	0	
15:15 - 15:30	285	126	2	5	1.45	10.00	5	423	612	0	3	0	0	612	0	426	0	0	
15:30 - 15:45	58	162	2	6	2.00	9.75	3	231	463	1	7	11	287	761	6	245	0	0	
15:45 - 16:00	22	152	4	9	2.36	9.23	3	190	449	2	5	22	205	676	6	203	0	0	
16:00 - 16:15	12	169	3	5	2.13	8.63	14	203	433	1	6	11	246	690	2	212	0	0	
16:15 - 16:30	127	114	2	5	1.67	9.43	9	257	430	2	8	19	328	777	5	272	0	0	
16:30 - 16:45	181	59	1	4	1.42	10.20	7	252	357	1	2	11	82	450	3	258	0	0	
16:45 - 17:00	201	45	0	3	1.31	12.00	6	255	333	2	1	26	41	400	1	259	0	0	
17:00 - 17:15	169	28	0	3	1.29	12.00	10	210	271	2	3	28	123	422	0	215	0	0	
17:15 - 17:30	183	26	2	0	1.14	3.50	4	215	246	2	2	34	82	362	0	219	0	0	
17:30 - 17:45	31	200	5	1	1.89	4.50	10	247	468	2	0	27	0	495	1	250	0	0	
17:45 - 18:00	21	195	6	0	1.90	3.17	9	231	439	2	2	23	82	544	0	235	0	0	
18:00 - 18:15	35	182	2	0	1.82	3.00	9	228	414	2	0	21	0	435	1	231	0	0	
18:15 - 18:30	47	141	1	0	1.73	3.00	7	196	339	2	0	17	0	356	3	201	0	0	
18:30 - 18:45	282	63	0	1	1.21	12.00	1	347	421	3	0	25	0	446	1	351	0	0	
18:45 - 19:00	283	18	0	0	1.06	0.00	5	306	324	1	1	11	41	376	4	312	0	0	
19:00 - 19:15	278	10	0	1	1.07	12.00	3	292	313	2	2	15	82	410	2	299	0	0	
19:15 - 19:30	279	16	2	1	1.11	6.67	4	302	335	1	0	11	0	346	0	303	0	0	
19:30 - 19:45	224	18	0	1	1.12	12.00	5	248	277	0	0	0	0	277	0	248	0	0	
19:45 - 20:00	239	27	1	0	1.11	4.00	5	272	302	1	0	11	0	313	0	273	0	0	

5-Hour Totals

Vehicles	3,276	1,880	34	46	N/A	N/A	121	5,357	7,820	29	42	323	1,599	9,742	35	5,464	0	0
Persons	3,276	3,760	111	552			121											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (4:15 PM - 5:15 PM)
Highway Passengers	9,742	6,368
Rail Passengers	0	0
Auto and Motorcycle Passengers	7,820	4,642
Autos and Motorcycles	5,357	2,715
Average Auto Occupancy (Includes Motorcycles)	1.46	1.71

I-270 Northbound between Shady Grove Road and I-370

Non-HOV Lane Total

Spring 2010 - 26 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses		Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders	Transit	Other	Transit	Other	+ MC Riders	+Bus Passengers			
15:00 - 15:15	1,597	117	6	6	1.11	7.50	4	1,730	1,925	0	4	0	0	1,925	25	1,760	0	0	
15:15 - 15:30	1,585	66	2	3	1.06	8.40	2	1,658	1,761	7	2	0	0	1,761	34	1,702	0	0	
15:30 - 15:45	1,582	97	5	3	1.08	6.50	5	1,692	1,833	2	4	0	0	1,833	58	1,757	0	0	
15:45 - 16:00	1,615	90	2	3	1.07	8.40	3	1,713	1,840	2	3	0	0	1,840	77	1,796	0	0	
16:00 - 16:15	1,614	79	4	1	1.06	4.80	3	1,701	1,799	2	6	0	0	1,799	71	1,780	0	0	
16:15 - 16:30	2,181	105	13	1	1.06	3.71	9	2,309	2,452	0	4	0	0	2,452	58	2,373	0	0	
16:30 - 16:45	2,163	49	1	1	1.03	8.00	4	2,218	2,281	1	3	0	0	2,281	48	2,270	0	0	
16:45 - 17:00	2,196	73	3	0	1.03	3.00	3	2,275	2,354	1	4	0	0	2,354	39	2,319	0	0	
17:00 - 17:15	2,180	111	3	0	1.05	3.33	2	2,296	2,414	1	0	0	0	2,414	27	2,324	0	0	
17:15 - 17:30	2,238	36	2	1	1.02	6.00	2	2,279	2,330	0	2	0	0	2,330	31	2,312	0	0	
17:30 - 17:45	1,604	234	11	1	1.14	3.83	3	1,853	2,121	2	1	0	0	2,121	25	1,881	0	0	
17:45 - 18:00	1,598	60	3	1	1.05	5.50	2	1,664	1,742	0	1	0	0	1,742	26	1,691	0	0	
18:00 - 18:15	1,486	121	4	3	1.10	7.00	3	1,617	1,780	0	1	0	0	1,780	28	1,646	0	0	
18:15 - 18:30	1,623	129	3	3	1.10	7.67	6	1,764	1,933	1	3	0	0	1,933	25	1,793	0	0	
18:30 - 18:45	1,514	137	7	6	1.13	7.15	4	1,668	1,885	0	1	0	0	1,885	30	1,699	0	0	
18:45 - 19:00	1,915	145	6	0	1.08	3.00	7	2,073	2,230	2	2	0	0	2,230	35	2,112	0	0	
19:00 - 19:15	1,741	19	2	0	1.01	3.50	1	1,763	1,787	1	0	0	0	1,787	21	1,785	0	0	
19:15 - 19:30	993	32	0	0	1.03	0.00	5	1,030	1,062	0	0	0	0	1,062	23	1,053	0	0	
19:30 - 19:45	934	25	2	1	1.04	6.33	0	962	1,003	0	0	0	0	1,003	21	983	0	0	
19:45 - 20:00	943	31	0	0	1.03	0.00	2	976	1,007	0	0	0	0	1,007	41	1,017	0	0	

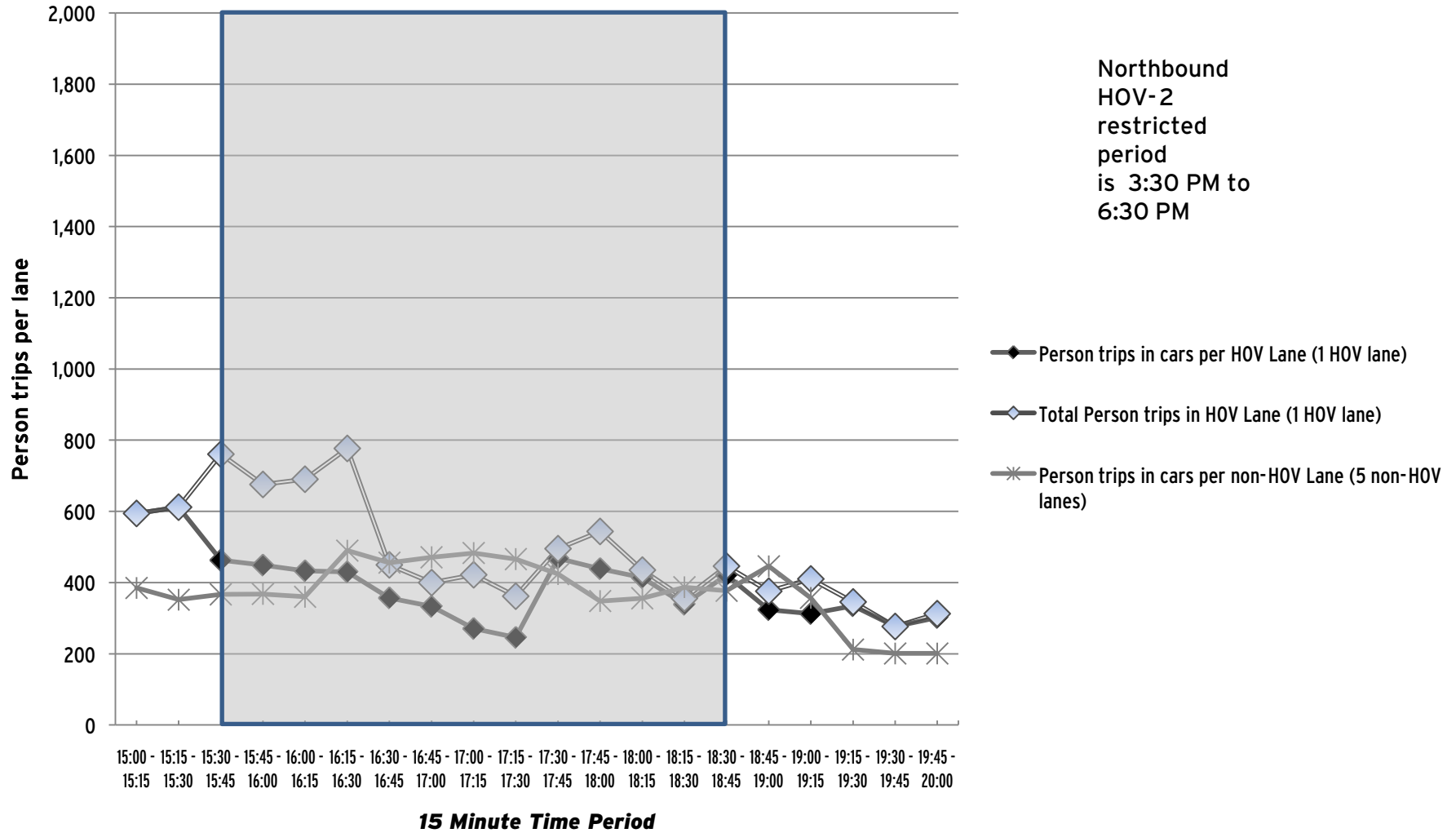
5-Hour Totals

Vehicles	33,302	1,756	79	34	N/A	N/A	70	35,241	37,539	22	41	0	0	37,539	743	36,053	0	0
Persons	33,302	3,512	247	408			70											

I-270 HOV Restricted

	Period (3:30 PM - 6:30 PM)	Peak Hour (4:15 PM - 5:15 PM)
Highway Passengers	37,539	24,879
Rail Passengers	0	0
Auto and Motorcycle Passengers	37,539	24,879
Autos and Motorcycles	35,241	23,381
Average Auto Occupancy (Includes Motorcycles)	1.07	1.06

I-270 Northbound between Shady Grove Road and I-370 P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-270 northbound between Middlebrook Road and Md. 118 (Germantown Road)

All Lanes Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	1,321	61	3	2	1.07	7.40	1	1,388	1,481	5	4	12	82	1,575	0	1,400	0	0	
15:15 - 15:30	1,473	101	8	5	1.11	6.77	1	1,588	1,764	2	7	12	41	1,817	0	1,598	0	0	
15:30 - 15:45	1,529	125	7	6	1.12	7.38	5	1,672	1,880	8	4	36	41	1,957	77	1,763	0	0	
15:45 - 16:00	1,337	179	10	7	1.18	7.00	1	1,534	1,815	5	7	24	205	2,044	70	1,617	0	0	
16:00 - 16:15	1,346	136	15	10	1.18	6.64	5	1,512	1,789	7	7	36	205	2,030	66	1,592	0	0	
16:15 - 16:30	1,316	307	10	25	1.36	9.51	11	1,669	2,274	3	3	24	41	2,339	50	1,725	0	0	
16:30 - 16:45	1,265	279	6	29	1.38	10.49	10	1,589	2,200	8	4	36	82	2,318	58	1,661	0	0	
16:45 - 17:00	1,224	333	12	20	1.37	9.19	9	1,598	2,193	8	3	48	82	2,323	116	1,725	0	0	
17:00 - 17:15	1,383	238	2	18	1.27	11.10	3	1,644	2,084	8	5	48	82	2,214	105	1,762	0	0	
17:15 - 17:30	998	290	6	8	1.30	8.21	8	1,310	1,701	7	2	48	0	1,749	98	1,417	0	0	
17:30 - 17:45	1,367	116	2	1	1.09	6.00	3	1,489	1,620	6	3	48	82	1,750	71	1,569	0	0	
17:45 - 18:00	1,546	96	2	4	1.09	9.00	4	1,652	1,796	6	2	60	41	1,897	43	1,703	0	0	
18:00 - 18:15	1,862	66	7	0	1.04	3.14	3	1,938	2,019	4	5	48	41	2,108	37	1,984	0	0	
18:15 - 18:30	1,926	50	0	0	1.03	0.00	8	1,984	2,034	5	1	48	41	2,123	23	2,013	0	0	
18:30 - 18:45	1,560	100	3	3	1.08	7.67	1	1,667	1,807	5	1	60	41	1,908	32	1,705	0	0	
18:45 - 19:00	1,384	194	9	19	1.26	9.14	2	1,608	2,030	7	1	48	41	2,119	31	1,647	0	0	
19:00 - 19:15	1,523	216	2	15	1.22	10.94	2	1,758	2,143	2	0	24	0	2,167	47	1,807	0	0	
19:15 - 19:30	1,436	119	4	4	1.11	7.75	4	1,567	1,740	5	0	36	0	1,776	105	1,677	0	0	
19:30 - 19:45	1,211	117	3	5	1.14	9.00	1	1,337	1,518	2	0	12	0	1,530	84	1,423	0	0	
19:45 - 20:00	1,145	48	4	0	1.05	3.50	2	1,199	1,257	3	2	24	0	1,281	70	1,274	0	0	

5-Hour Totals

Vehicles	28,152	3,171	115	181	N/A	N/A	84	31,703	37,145	106	61	732	1,148	39,025	1,183	33,062	0	0
Persons	28,152	6,342	395	2,172			84											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (5:45 PM - 6:45 PM)
Highway Passengers	39,025	24,852
Rail Passengers	0	0
Auto and Motorcycle Passengers	37,145	23,405
Autos and Motorcycles	31,703	19,591
Average Auto Occupancy (Includes Motorcycles)	1.17	1.19

I-270 northbound between Middlebrook Road and Md. 118 (Germantown Road)

HOV Lane Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	220	30	2	2	1.22	7.50	0	254	310	1	2	12	82	404	0	260	0	0	
15:15 - 15:30	221	56	6	2	1.33	5.75	0	285	379	1	1	12	41	432	0	287	0	0	
15:30 - 15:45	186	89	7	6	1.59	7.38	2	290	462	3	1	36	41	539	5	299	0	0	
15:45 - 16:00	120	102	5	5	1.73	7.80	0	232	402	2	5	24	205	631	0	239	0	0	
16:00 - 16:15	134	92	15	5	1.72	5.30	2	248	426	3	5	36	205	667	3	259	0	0	
16:15 - 16:30	184	114	6	15	1.91	9.52	4	323	616	2	1	24	41	681	6	332	0	0	
16:30 - 16:45	173	96	5	16	1.97	9.90	3	293	576	3	2	36	82	694	9	307	0	0	
16:45 - 17:00	148	143	11	11	1.96	8.32	4	317	621	4	2	48	82	751	6	329	0	0	
17:00 - 17:15	213	103	1	13	1.75	11.36	1	331	579	4	2	48	82	709	8	345	0	0	
17:15 - 17:30	81	101	4	6	1.90	8.50	3	195	371	4	0	48	0	419	8	207	0	0	
17:30 - 17:45	141	81	2	0	1.38	3.00	2	226	311	4	2	48	82	441	5	237	0	0	
17:45 - 18:00	93	48	2	4	1.65	9.00	0	147	243	5	1	60	41	344	9	162	0	0	
18:00 - 18:15	83	28	6	0	1.35	3.17	1	118	159	4	1	48	41	248	3	126	0	0	
18:15 - 18:30	74	25	0	0	1.25	0.00	1	100	125	4	1	48	41	214	2	107	0	0	
18:30 - 18:45	150	28	0	1	1.22	12.00	0	179	218	5	1	60	41	319	0	185	0	0	
18:45 - 19:00	314	67	2	9	1.44	10.45	1	393	564	4	1	48	41	653	5	403	0	0	
19:00 - 19:15	371	34	0	12	1.40	12.00	1	418	584	2	0	24	0	608	2	422	0	0	
19:15 - 19:30	303	29	2	3	1.20	8.80	1	338	406	3	0	36	0	442	13	354	0	0	
19:30 - 19:45	228	47	1	3	1.30	10.00	0	279	362	1	0	12	0	374	2	282	0	0	
19:45 - 20:00	239	14	2	0	1.07	3.50	0	255	274	2	0	24	0	298	3	260	0	0	

5-Hour Totals

Vehicles	3,676	1,327	79	113	N/A	N/A	26	5,221	7,988	61	28	732	1,148	9,868	89	5,402	0	0
Persons	3,676	2,654	276	1,356			26											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (5:45 PM - 6:45 PM)
Highway Passengers	9,868	6,338
Rail Passengers	0	0
Auto and Motorcycle Passengers	7,988	4,891
Autos and Motorcycles	5,221	2,820
Average Auto Occupancy (Includes Motorcycles)	1.53	1.37

I-270 northbound between Middlebrook Road and Md. 118 (Germantown Road)

Non-HOV Lane Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total		Buses Transit	Other	Bus Passengers		Total Auto Pers.		Total Vehicles	Rail Metro	Comm.
									Auto Persons + MC Riders	+ MC Riders			Transit	Other	+ MC Riders	+Bus Passengers			
15:00 - 15:15	1,101	31	1	0	1.03	7.00	1	1,134	1,171	4	2	0	0	1,171	0	1,140	0	0	
15:15 - 15:30	1,252	45	2	3	1.06	8.40	1	1,303	1,385	1	6	0	0	1,385	0	1,311	0	0	
15:30 - 15:45	1,343	36	0	0	1.03	0.00	3	1,382	1,418	5	3	0	0	1,418	72	1,464	0	0	
15:45 - 16:00	1,217	77	5	2	1.09	5.86	1	1,302	1,413	3	2	0	0	1,413	70	1,378	0	0	
16:00 - 16:15	1,212	44	0	5	1.08	12.00	3	1,264	1,363	4	2	0	0	1,363	63	1,333	0	0	
16:15 - 16:30	1,132	193	4	10	1.23	9.50	7	1,346	1,658	1	2	0	0	1,658	44	1,393	0	0	
16:30 - 16:45	1,092	183	1	13	1.25	11.36	7	1,296	1,624	5	2	0	0	1,624	49	1,354	0	0	
16:45 - 17:00	1,076	190	1	9	1.23	11.10	5	1,281	1,572	4	1	0	0	1,572	110	1,396	0	0	
17:00 - 17:15	1,170	135	1	5	1.15	10.50	2	1,313	1,505	4	3	0	0	1,505	97	1,417	0	0	
17:15 - 17:30	917	189	2	2	1.19	7.50	5	1,115	1,330	3	2	0	0	1,330	90	1,210	0	0	
17:30 - 17:45	1,226	35	0	1	1.04	12.00	1	1,263	1,309	2	1	0	0	1,309	66	1,332	0	0	
17:45 - 18:00	1,453	48	0	0	1.03	0.00	4	1,505	1,553	1	1	0	0	1,553	34	1,541	0	0	
18:00 - 18:15	1,779	38	1	0	1.02	3.00	2	1,820	1,860	0	4	0	0	1,860	34	1,858	0	0	
18:15 - 18:30	1,852	25	0	0	1.01	0.00	7	1,884	1,909	1	0	0	0	1,909	21	1,906	0	0	
18:30 - 18:45	1,410	72	3	2	1.07	6.80	1	1,488	1,589	0	0	0	0	1,589	32	1,520	0	0	
18:45 - 19:00	1,070	127	7	10	1.21	8.29	1	1,215	1,466	3	0	0	0	1,466	26	1,244	0	0	
19:00 - 19:15	1,152	182	2	3	1.16	8.40	1	1,340	1,559	0	0	0	0	1,559	45	1,385	0	0	
19:15 - 19:30	1,133	90	2	1	1.09	6.00	3	1,229	1,334	2	0	0	0	1,334	92	1,323	0	0	
19:30 - 19:45	983	70	2	2	1.09	8.00	1	1,058	1,156	1	0	0	0	1,156	82	1,141	0	0	
19:45 - 20:00	906	34	2	0	1.04	3.50	2	944	983	1	2	0	0	983	67	1,014	0	0	

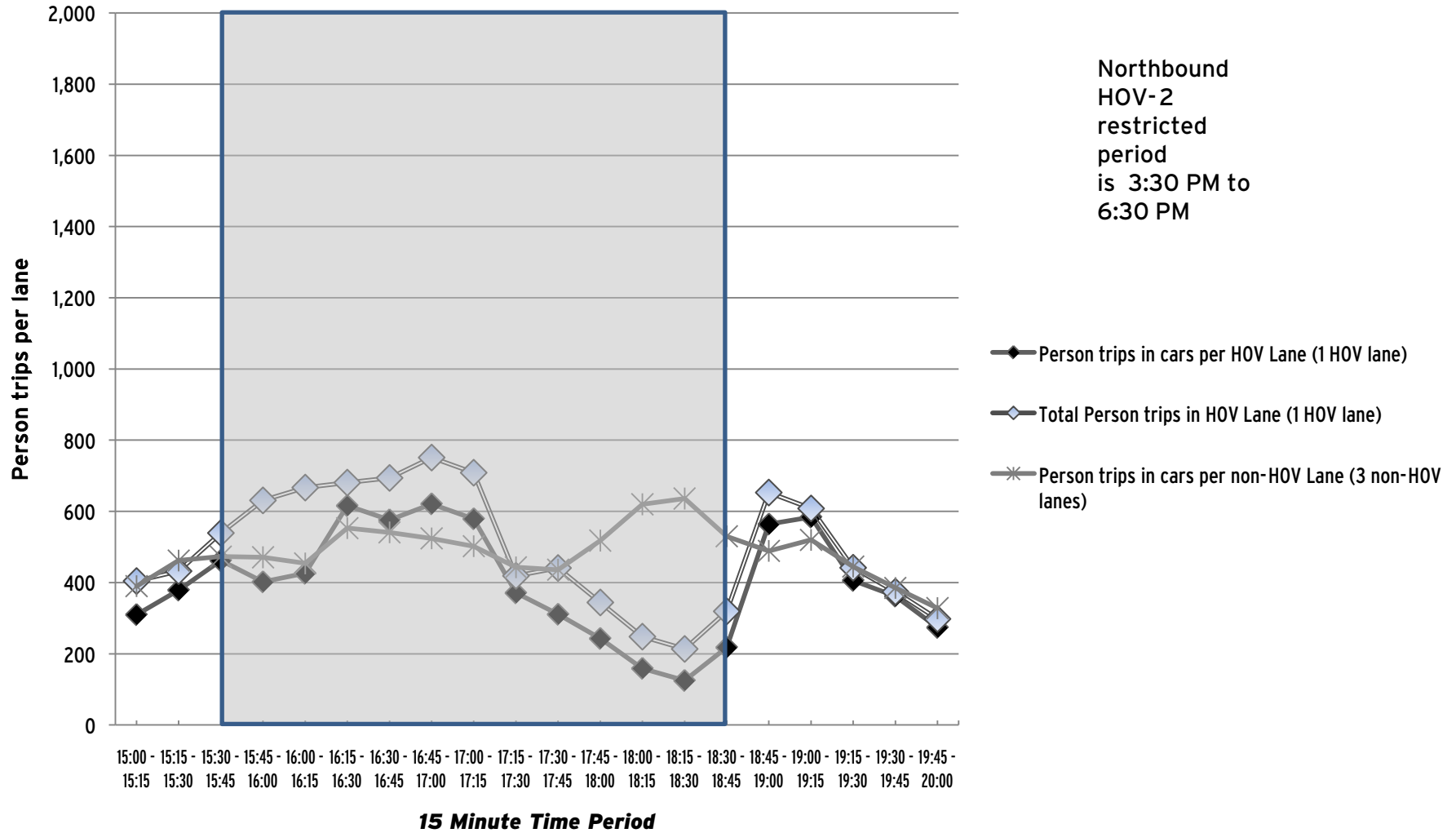
5-Hour Totals

Vehicles	24,476	1,844	36	68	N/A	N/A	58	26,482	29,157	45	33	0	0	29,157	1,094	27,660	0	0
Persons	24,476	3,688	119	816			58											

I-270 HOV Restricted

	Period (3:30 PM - 6:30 PM)	Peak Hour (5:45 PM - 6:45 PM)
Highway Passengers	29,157	18,514
Rail Passengers	0	0
Auto and Motorcycle Passengers	29,157	18,514
Autos and Motorcycles	26,482	16,771
Average Auto Occupancy (Includes Motorcycles)	1.10	1.03

I-270 Northbound between Middlebrook Road and Md. 118 (Germantown Road) P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-270 Northbound between Md. 117 (Clopper Road) and Md. 124 (Quince Orchard Road)

All Lanes Total

Spring 2010 - 2 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	1,621	55	2	4	1.07	10.33	0	1,682	1,793	5	2	12	0	1,805	5	1,694	0	0	
15:15 - 15:30	1,758	95	0	13	1.13	12.00	10	1,876	2,114	4	2	12	0	2,126	10	1,893	0	0	
15:30 - 15:45	1,653	213	2	4	1.14	9.00	10	1,882	2,143	5	2	36	82	2,261	90	1,980	0	0	
15:45 - 16:00	1,659	280	6	13	1.22	9.21	9	1,967	2,403	5	4	35	123	2,561	107	2,083	0	0	
16:00 - 16:15	1,471	288	6	11	1.24	8.94	15	1,791	2,214	3	4	36	82	2,332	94	1,892	0	0	
16:15 - 16:30	1,275	302	5	14	1.29	9.68	8	1,604	2,071	3	5	32	205	2,308	106	1,720	0	0	
16:30 - 16:45	1,384	342	5	22	1.34	10.37	14	1,767	2,362	6	3	36	123	2,521	91	1,867	0	0	
16:45 - 17:00	1,457	295	4	15	1.26	10.16	9	1,780	2,249	6	6	63	246	2,558	36	1,828	0	0	
17:00 - 17:15	1,499	296	5	6	1.21	8.27	11	1,817	2,193	5	11	65	451	2,709	36	1,870	0	0	
17:15 - 17:30	1,524	281	6	11	1.23	8.88	15	1,837	2,252	5	6	71	246	2,569	33	1,881	0	0	
17:30 - 17:45	1,644	338	8	5	1.20	6.54	11	2,006	2,416	5	3	64	123	2,603	36	2,050	0	0	
17:45 - 18:00	1,715	299	5	1	1.16	4.67	14	2,034	2,355	6	3	72	123	2,550	24	2,067	0	0	
18:00 - 18:15	1,947	259	13	1	1.13	3.93	15	2,235	2,535	5	3	58	123	2,716	52	2,295	0	0	
18:15 - 18:30	2,123	214	7	1	1.10	4.13	6	2,351	2,590	6	4	54	164	2,808	55	2,416	0	0	
18:30 - 18:45	1,901	107	4	4	1.08	7.50	4	2,020	2,179	6	4	63	123	2,365	55	2,085	0	0	
18:45 - 19:00	1,602	126	9	14	1.17	8.52	2	1,753	2,052	4	2	48	41	2,141	67	1,826	0	0	
19:00 - 19:15	1,500	91	7	9	1.13	8.13	6	1,613	1,818	5	1	28	41	1,887	38	1,657	0	0	
19:15 - 19:30	896	139	5	10	1.24	9.00	8	1,058	1,317	4	1	36	41	1,394	27	1,091	0	0	
19:30 - 19:45	877	82	5	10	1.21	9.07	5	979	1,182	2	2	12	41	1,235	24	1,007	0	0	
19:45 - 20:00	742	72	1	6	1.17	10.71	10	831	971	3	0	24	0	995	26	860	0	0	

5-Hour Totals

Vehicles	30,248	4,174	105	174	N/A	N/A	182	34,883	41,209	93	68	857	2,378	44,444	1,012	36,062	0	0
Persons	30,248	8,348	343	2,088			182											

I-270 HOV Restricted

	Period 5 Hours	Peak Hour (3:30 PM - 6:30 PM)	Peak Hour (5:45 PM - 6:45 PM)
Highway Passengers	44,444	30,496	10,439
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	41,209	27,783	9,659
Autos and Motorcycles	34,883	23,071	8,640
Average Auto Occupancy (Includes Motorcycles)	1.18	1.20	1.12

I-270 Northbound between Md. 117 (Clopper Road) and Md. 124 (Quince Orchard Road)
 HOV Lane Total
 Spring 2010 - 2 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	425	50	1	3	1.19	10.75	0	479	568	1	0	12	0	580	0	480	0	0	
15:15 - 15:30	355	93	0	11	1.46	12.00	4	463	677	1	0	12	0	689	0	464	0	0	
15:30 - 15:45	47	208	0	4	1.95	12.00	7	266	518	3	2	36	82	636	5	276	0	0	
15:45 - 16:00	19	276	4	12	2.30	9.75	8	319	735	3	3	35	123	893	4	329	0	0	
16:00 - 16:15	20	268	6	8	2.17	8.29	14	316	686	3	2	36	82	804	2	323	0	0	
16:15 - 16:30	22	251	5	6	2.12	8.00	8	292	620	3	5	32	205	857	6	308	0	0	
16:30 - 16:45	19	274	5	10	2.24	9.07	10	318	713	3	3	36	123	872	6	330	0	0	
16:45 - 17:00	15	256	3	5	2.10	8.63	8	287	604	5	6	63	246	913	1	299	0	0	
17:00 - 17:15	14	279	5	4	2.08	7.44	10	312	649	5	11	65	451	1,165	2	331	0	0	
17:15 - 17:30	21	257	3	1	1.93	5.25	14	296	570	5	6	71	246	887	4	311	0	0	
17:30 - 17:45	58	306	8	4	1.95	6.08	11	387	754	5	3	64	123	941	1	396	0	0	
17:45 - 18:00	72	296	5	1	1.83	4.67	9	383	701	6	3	72	123	896	2	394	0	0	
18:00 - 18:15	69	255	12	1	1.84	4.00	13	350	644	5	3	58	123	825	9	367	0	0	
18:15 - 18:30	132	214	7	1	1.67	4.13	4	358	597	5	4	54	164	815	1	368	0	0	
18:30 - 18:45	328	48	2	1	1.16	6.00	3	382	445	6	3	63	123	631	5	396	0	0	
18:45 - 19:00	337	46	7	0	1.16	3.14	2	392	453	4	1	48	41	542	4	401	0	0	
19:00 - 19:15	287	34	3	0	1.12	3.00	4	328	368	3	1	28	41	437	1	333	0	0	
19:15 - 19:30	180	27	2	1	1.19	6.00	6	216	258	3	1	36	41	335	0	221	0	0	
19:30 - 19:45	170	23	0	1	1.17	12.00	3	197	231	1	1	12	41	284	0	199	0	0	
19:45 - 20:00	89	13	1	0	1.14	3.00	1	104	119	2	0	24	0	143	0	106	0	0	

5-Hour Totals

Vehicles	2,679	3,474	79	74	N/A	N/A	139	6,445	10,910	72	58	857	2,378	14,145	53	6,632	0	0
Persons	2,679	6,948	256	888			139											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (5:45 PM - 6:45 PM)
Highway Passengers	14,145	3,167
Rail Passengers	0	0
Auto and Motorcycle Passengers	10,910	2,387
Autos and Motorcycles	6,445	1,473
Average Auto Occupancy (Includes Motorcycles)	1.69	2.01

I-270 Northbound between Md. 117 (Clopper Road) and Md. 124 (Quince Orchard Road)

Non-HOV Lane Total

Spring 2010 - 2 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
15:00 - 15:15	1,196	5	1	1	1.02	9.50	0	1,203	1,225	4	2	0	0	1,225	5	1,214	0	0		
15:15 - 15:30	1,403	2	0	2	1.02	12.00	6	1,413	1,437	3	2	0	0	1,437	10	1,429	0	0		
15:30 - 15:45	1,606	5	2	0	1.01	3.00	3	1,616	1,625	2	0	0	0	1,625	85	1,704	0	0		
15:45 - 16:00	1,640	4	2	1	1.01	6.33	1	1,648	1,668	2	1	0	0	1,668	103	1,754	0	0		
16:00 - 16:15	1,451	20	0	3	1.04	12.00	1	1,475	1,528	0	2	0	0	1,528	92	1,569	0	0		
16:15 - 16:30	1,253	51	0	8	1.11	12.00	0	1,312	1,451	0	0	0	0	1,451	100	1,412	0	0		
16:30 - 16:45	1,365	68	0	12	1.14	12.00	4	1,449	1,649	3	0	0	0	1,649	85	1,537	0	0		
16:45 - 17:00	1,442	39	1	10	1.10	11.27	1	1,493	1,645	1	0	0	0	1,645	35	1,529	0	0		
17:00 - 17:15	1,485	17	0	2	1.03	12.00	1	1,505	1,544	0	0	0	0	1,544	34	1,539	0	0		
17:15 - 17:30	1,503	24	3	10	1.09	10.00	1	1,541	1,682	0	0	0	0	1,682	29	1,570	0	0		
17:30 - 17:45	1,586	32	0	1	1.03	12.00	0	1,619	1,662	0	0	0	0	1,662	35	1,654	0	0		
17:45 - 18:00	1,643	3	0	0	1.00	0.00	5	1,651	1,654	0	0	0	0	1,654	22	1,673	0	0		
18:00 - 18:15	1,878	4	1	0	1.00	3.00	2	1,885	1,891	0	0	0	0	1,891	43	1,928	0	0		
18:15 - 18:30	1,991	0	0	0	1.00	0.00	2	1,993	1,993	1	0	0	0	1,993	54	2,048	0	0		
18:30 - 18:45	1,573	59	2	3	1.06	8.40	1	1,638	1,734	0	1	0	0	1,734	50	1,689	0	0		
18:45 - 19:00	1,265	80	2	14	1.17	10.88	0	1,361	1,599	0	1	0	0	1,599	63	1,425	0	0		
19:00 - 19:15	1,213	57	4	9	1.13	9.31	2	1,285	1,450	2	0	0	0	1,450	37	1,324	0	0		
19:15 - 19:30	716	112	3	9	1.26	9.75	2	842	1,059	1	0	0	0	1,059	27	870	0	0		
19:30 - 19:45	707	59	5	9	1.22	8.86	2	782	951	1	1	0	0	951	24	808	0	0		
19:45 - 20:00	653	59	0	6	1.17	12.00	9	727	852	1	0	0	0	852	26	754	0	0		

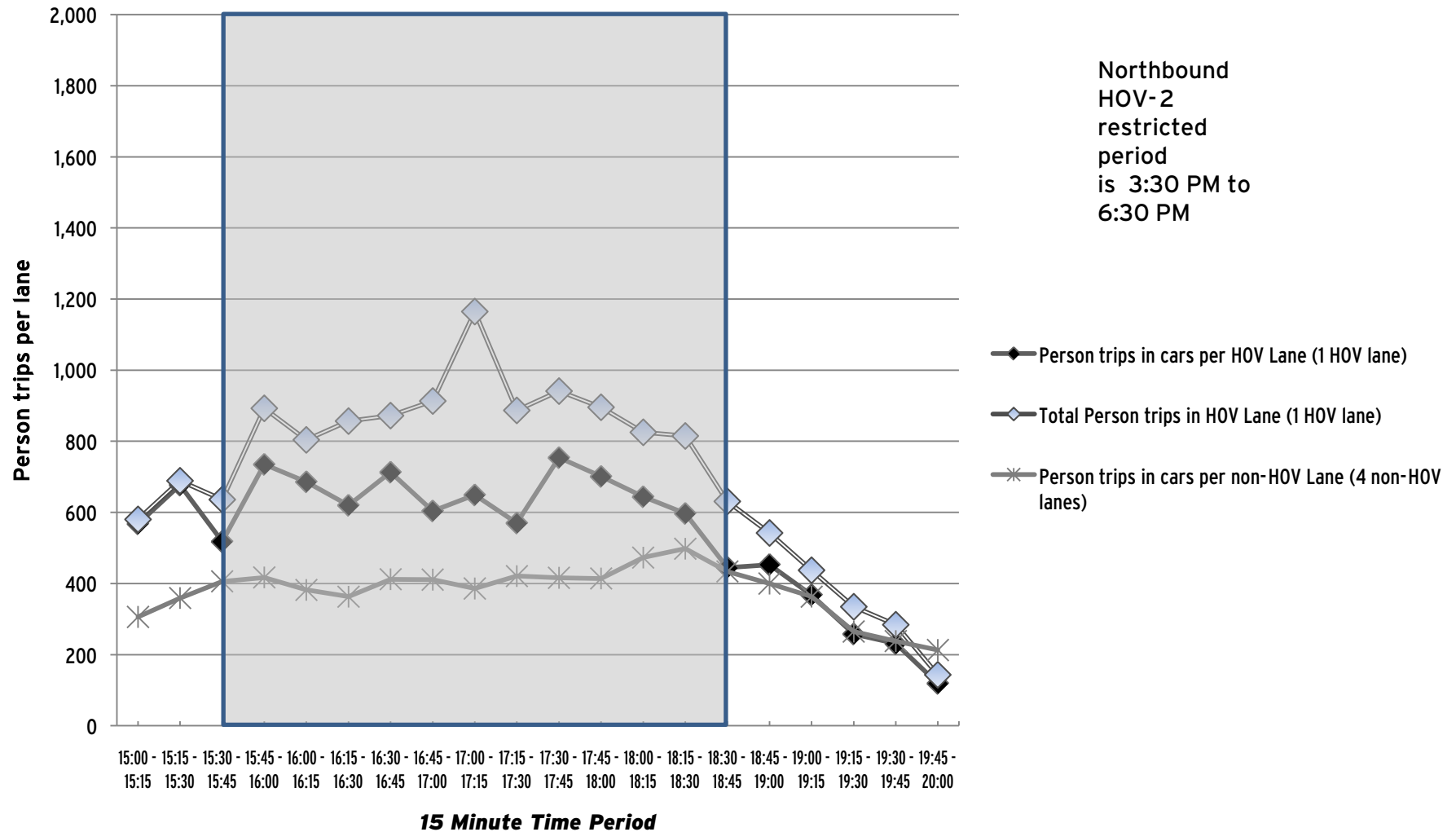
5-Hour Totals

Vehicles	27,569	700	26	100	N/A	N/A	43	28,438	30,299	21	10	0	0	30,299	959	29,430	0	0
Persons	27,569	1,400	87	1,200			43											

I-270 HOV Restricted

	Period 5 Hours (3:30 PM - 6:30 PM)	Peak Hour (5:45 PM - 6:45 PM)
Highway Passengers	30,299	19,992
Rail Passengers	0	0
Auto and Motorcycle Passengers	30,299	19,992
Autos and Motorcycles	28,438	19,187
Average Auto Occupancy (Includes Motorcycles)	1.07	1.04

I-270 Northbound between Md. 117 (Clopper Road) and Md. 124 (Quince Orchard Road) P.M. Peak Period - Spring 2010 Observed person trips per lane by 15 minute interval



I-270 N between Md. 121 (Clarksburg Road) and Md. 109 (Old Hundred Road) at Scalehouse

Non-HOV Lane Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks				
15:00 - 15:15	503	40	0	3	1.13	12.00	2	548	621	0	3	0	123	744	0	551	0	0	
15:15 - 15:30	817	107	2	4	1.17	11.20	0	930	1,087	0	3	0	123	1,210	0	933	0	0	
15:30 - 15:45	723	129	6	7	1.25	10.50	3	868	1,089	0	2	0	82	1,171	28	898	0	0	
15:45 - 16:00	739	172	5	9	1.31	11.45	2	927	1,211	0	6	0	246	1,457	49	982	0	0	
16:00 - 16:15	739	124	4	6	1.23	9.44	4	877	1,076	0	6	0	246	1,322	32	915	0	0	
16:15 - 16:30	717	27	0	0	1.04	0.00	3	747	774	0	1	0	41	815	41	789	0	0	
16:30 - 16:45	576	4	8	0	1.06	19.00	0	588	622	0	2	0	82	704	43	633	0	0	
16:45 - 17:00	550	1	2	0	1.01	7.00	0	553	559	0	3	0	123	682	27	583	0	0	
17:00 - 17:15	651	2	0	0	1.00	0.00	4	657	659	0	2	0	82	741	28	687	0	0	
17:15 - 17:30	603	12	1	1	1.04	16.00	2	619	645	0	3	0	123	768	20	642	0	0	
17:30 - 17:45	692	123	2	2	1.18	7.50	2	821	970	0	1	0	41	1,011	34	856	0	0	
17:45 - 18:00	797	83	2	2	1.12	10.33	3	887	997	0	5	0	205	1,202	20	912	0	0	
18:00 - 18:15	763	99	1	1	1.13	7.50	1	865	977	0	2	0	82	1,059	23	890	0	0	
18:15 - 18:30	835	93	1	0	1.10	3.00	2	931	1,026	0	1	0	41	1,067	25	957	0	0	
18:30 - 18:45	806	60	0	2	1.09	12.00	3	871	953	0	0	0	0	953	20	891	0	0	
18:45 - 19:00	758	29	0	0	1.04	0.00	1	788	817	0	1	0	41	858	17	806	0	0	
19:00 - 19:15	806	30	0	0	1.04	0.00	0	836	866	0	0	0	0	866	16	852	0	0	
19:15 - 19:30	640	11	0	0	1.02	0.00	1	652	663	0	2	0	82	745	18	672	0	0	
19:30 - 19:45	563	25	0	0	1.04	0.00	1	589	614	0	0	0	0	614	31	620	0	0	
19:45 - 20:00	399	5	0	0	1.01	0.00	0	404	409	0	0	0	0	409	24	428	0	0	

5-Hour Totals

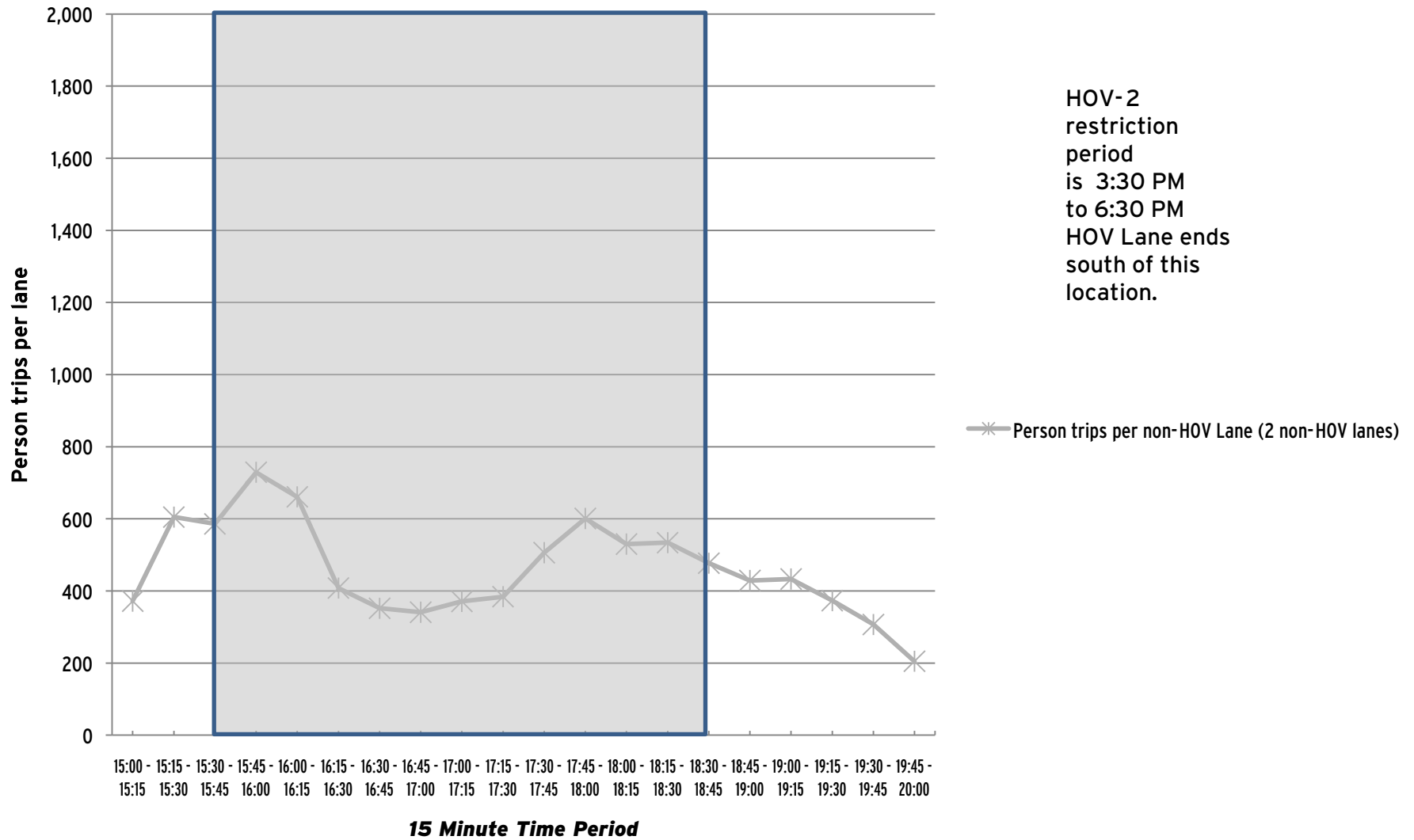
Vehicles	13,677	1,176	34	37	N/A	N/A	34	14,958	16,635	0	43	0	1,763	18,398	496	15,497	0	0
Persons	13,677	2,352	128	444			34											

HOV Restricted

	Period 5 Hours (3:30 PM - 6:00 PM)	Peak Hour (3:15 PM 4:15 PM)
Highway Passengers	18,398	9,873
Rail Passengers	0	0
Auto and Motorcycle Passengers	16,635	8,602
Autos and Motorcycles	14,958	7,544
Average Auto Occupancy (Includes Motorcycles)	1.11	1.14

**I-270 northbound between Md. 121 (Clarksburg Road) and Md. 109 (Old Hundred Road)
Spring 2010**

Observed person trips per lane by 15 minute interval



U.S. 50 Eastbound between Md. 410 and New Carrollton
 All Lanes Total
 Spring 2010 - 20 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	218	28	8	1	1.21	4.00	2	257	312	0	1	0	37	349	0	258	0	0	
15:15 - 15:30	817	64	3	5	1.14	8.88	0	889	1,016	0	0	0	0	1,016	0	894	0	0	
15:30 - 15:45	859	50	2	3	1.10	8.60	0	914	1,002	0	10	0	370	1,372	1	926	0	0	
15:45 - 16:00	963	58	3	5	1.12	8.75	4	1,033	1,153	0	3	0	111	1,264	22	1,061	0	0	
16:00 - 16:15	932	48	1	8	1.14	11.11	3	992	1,131	0	4	0	148	1,279	14	1,012	0	0	
16:15 - 16:30	1,018	42	1	5	1.09	10.50	5	1,071	1,170	0	8	0	296	1,466	15	1,096	926	0	
16:30 - 16:45	968	61	0	3	1.09	12.00	0	1,032	1,126	0	4	0	148	1,274	17	1,053	0	0	
16:45 - 17:00	1,092	74	0	3	1.09	12.00	2	1,171	1,278	0	4	0	148	1,426	17	1,192	1,145	0	
17:00 - 17:15	1,037	51	3	1	1.06	5.50	0	1,092	1,161	0	5	0	185	1,346	10	1,107	0	0	
17:15 - 17:30	950	43	2	1	1.06	6.33	1	997	1,056	0	3	0	111	1,167	10	1,010	1,228	0	
17:30 - 17:45	854	47	1	4	1.10	10.20	1	907	1,000	0	5	0	185	1,185	3	915	0	0	
17:45 - 18:00	956	78	7	0	1.09	3.14	0	1,041	1,134	0	3	0	111	1,245	8	1,052	949	0	
18:00 - 18:15	907	44	3	3	1.09	7.67	2	959	1,043	0	3	0	111	1,154	8	970	0	0	
18:15 - 18:30	939	42	0	2	1.06	12.00	3	986	1,050	0	3	0	111	1,161	10	999	659	0	
18:30 - 18:45	784	31	3	2	1.07	6.80	6	826	886	0	3	0	111	997	7	836	0	0	
18:45 - 19:00	646	27	3	1	1.07	5.75	1	678	724	0	3	0	111	835	9	690	351	0	
19:00 - 19:15	527	28	1	0	1.05	3.00	1	557	587	0	1	0	37	624	3	561	0	0	
19:15 - 19:30	476	31	0	1	1.08	12.00	1	509	551	0	2	0	74	625	8	519	0	0	
19:30 - 19:45	501	26	2	0	1.06	3.00	1	530	560	0	0	0	0	560	5	535	0	0	
19:45 - 20:00	364	14	1	0	1.04	4.00	0	379	396	0	4	0	148	544	6	389	0	0	

5-Hour Totals

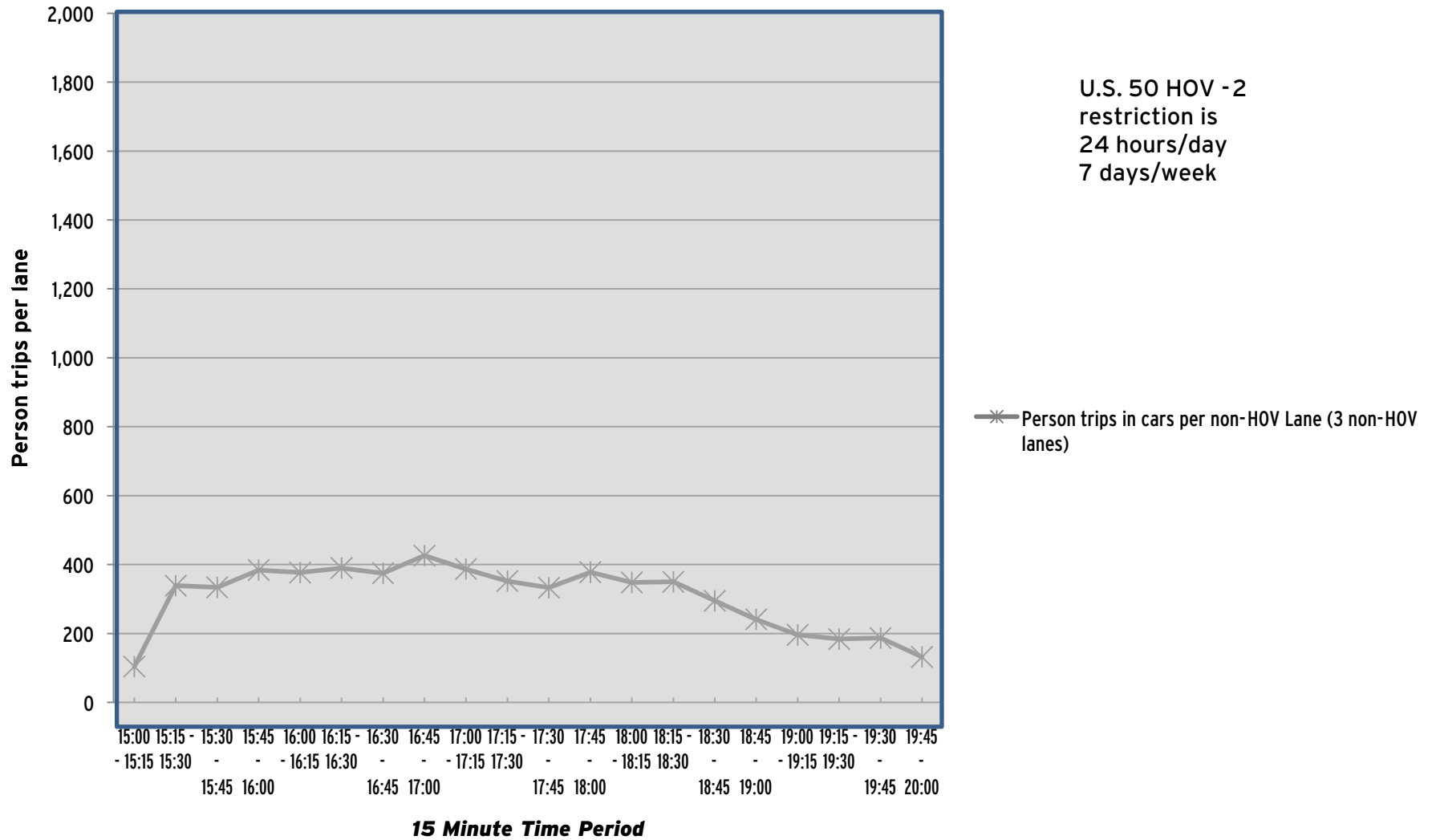
Vehicles	15,808	887	44	48	N/A	N/A	33	16,820	18,336	0	69	0	2,553	20,889	173	17,075	5,258	0	
Persons	15,808	1,774	145	576			33												

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (4:15 PM - 5:15 PM)
Highway Passengers	20,889	5,512
Rail Passengers	5,258	2,071 <i>Rail system patronage 4 PM to 7 PM only</i>
Auto and Motorcycle Passengers	18,336	4,735
Autos and Motorcycles	16,820	4,366
Average Auto Occupancy (Includes Motorcycles)	1.09	1.08

**U.S. 50 Eastbound between
Md. 410 (East West Highway) and I-95/I-495
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

U.S. 50 HOV -2
restriction is
24 hours/day
7 days/week



U.S. 50 Eastbound between I-95/I-495 and Md. 704 (M.L. King, Jr. Highway)

All Lanes Total

Spring 2010 - 20 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers	Trucks			
15:00 - 15:15	1,306	180	20	9	1.21	5.79	8	1,523	1,842	1	3	28	111	1,981	0	1,527	0	0
15:15 - 15:30	1,322	262	36	2	1.22	3.53	5	1,627	1,985	1	5	18	185	2,188	0	1,633	0	0
15:30 - 15:45	1,346	276	24	5	1.23	4.72	4	1,655	2,039	1	14	9	518	2,566	31	1,701	0	0
15:45 - 16:00	1,364	373	43	7	1.30	4.38	10	1,797	2,339	0	7	0	259	2,598	33	1,837	0	0
16:00 - 16:15	1,276	314	55	9	1.32	4.44	11	1,665	2,199	1	10	12	370	2,581	25	1,701	0	0
16:15 - 16:30	1,710	71	4	4	1.07	7.50	5	1,794	1,917	2	7	35	259	2,211	26	1,829	0	0
16:30 - 16:45	1,612	85	4	2	1.07	6.33	7	1,710	1,827	2	6	47	222	2,096	23	1,741	0	0
16:45 - 17:00	1,411	157	10	5	1.15	6.47	6	1,589	1,828	0	3	0	111	1,939	23	1,615	0	0
17:00 - 17:15	1,587	87	4	6	1.10	8.40	7	1,691	1,852	1	2	26	74	1,952	13	1,707	0	0
17:15 - 17:30	1,572	100	2	0	1.06	3.00	8	1,682	1,786	2	3	64	111	1,961	16	1,703	0	0
17:30 - 17:45	1,478	242	11	1	1.16	4.17	3	1,735	2,015	0	5	0	185	2,200	24	1,764	0	0
17:45 - 18:00	1,423	314	25	2	1.22	3.70	6	1,770	2,157	1	6	21	222	2,400	9	1,786	0	0
18:00 - 18:15	1,273	391	15	3	1.27	4.83	1	1,683	2,143	1	5	36	185	2,364	9	1,698	0	0
18:15 - 18:30	1,176	360	6	1	1.25	4.57	6	1,549	1,934	2	2	48	74	2,056	12	1,565	0	0
18:30 - 18:45	1,224	271	7	1	1.20	4.25	12	1,515	1,812	0	3	0	111	1,923	22	1,540	0	0
18:45 - 19:00	1,186	57	3	0	1.05	3.00	4	1,250	1,313	1	4	9	148	1,470	18	1,273	0	0
19:00 - 19:15	1,117	62	2	0	1.06	3.00	2	1,183	1,249	0	0	0	0	1,249	21	1,204	0	0
19:15 - 19:30	1,056	41	5	2	1.07	6.14	7	1,111	1,188	1	3	23	111	1,322	14	1,129	0	0
19:30 - 19:45	870	28	1	0	1.03	3.00	4	903	933	1	1	11	37	981	9	914	0	0
19:45 - 20:00	539	22	0	1	1.06	12.00	1	563	596	0	0	0	0	596	15	578	0	0

5-Hour Totals

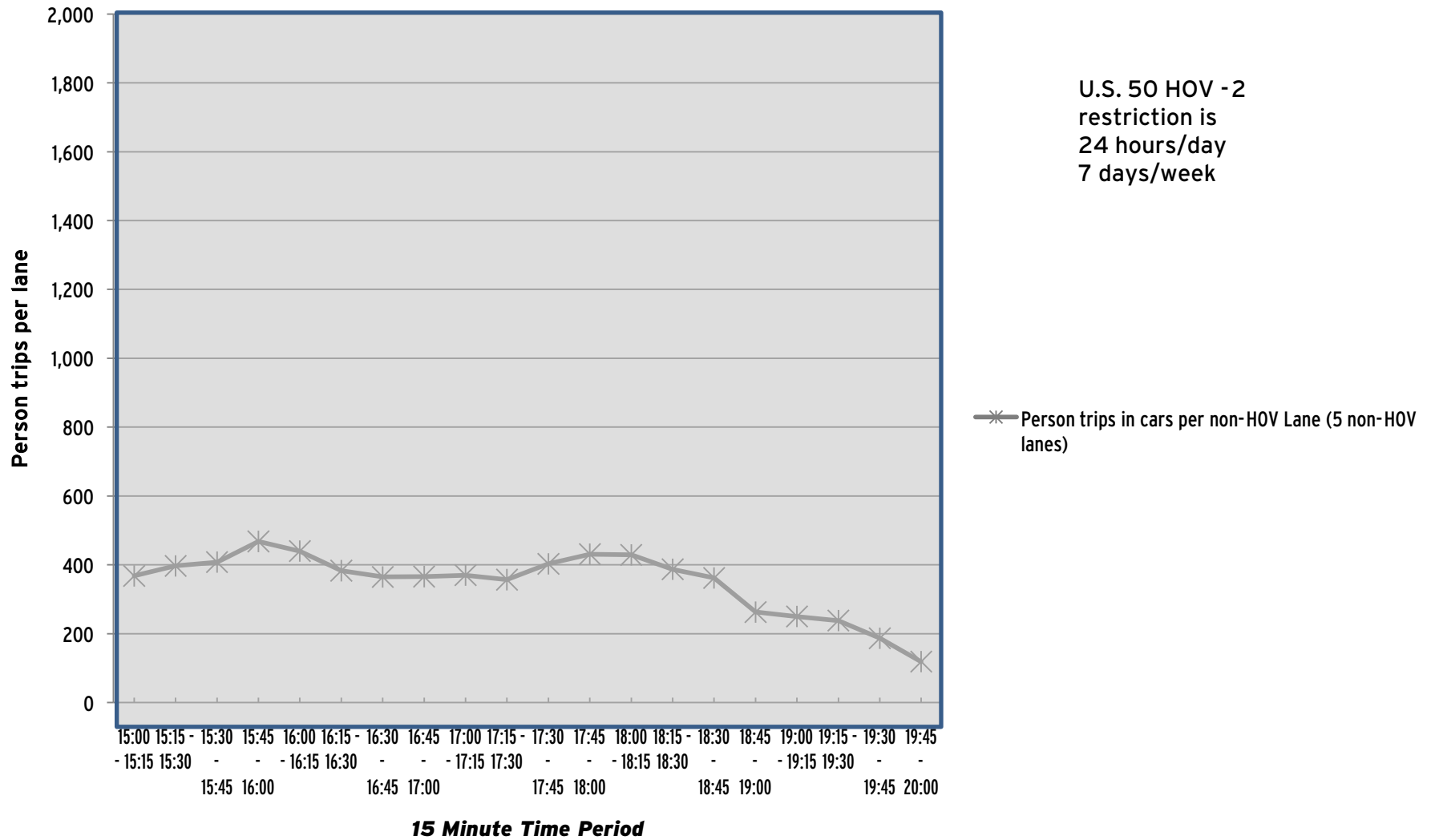
Vehicles	25,848	3,693	277	60	N/A	N/A	117	29,995	34,954	18	89	387	3,293	38,634	343	30,445	0	0
Persons	25,848	7,386	883	720			117											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (3:45 PM - 4:45 PM)
Highway Passengers	38,634	9,486
Rail Passengers	0	0
Auto and Motorcycle Passengers	34,954	8,282
Autos and Motorcycles	29,995	6,966
Average Auto Occupancy (Includes Motorcycles)	1.17	1.19

**U.S. 50 Eastbound between
I-95/I-495 and Md. 704 (Martin Luther King Highway)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

U.S. 50 HOV -2
restriction is
24 hours/day
7 days/week



U.S. 50 Eastbound between Md. 704 (M.L. King Jr. Highway) and Md. 197 (Collington Road)

All Lanes Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
15:00 - 15:15	1,181	82	2	3	1.09	8.40	4	1,272	1,391	1	6	28	0	1,419	0	1,279	0	0		
15:15 - 15:30	1,368	87	1	3	1.08	9.75	6	1,465	1,587	1	6	18	111	1,716	0	1,472	0	0		
15:30 - 15:45	1,455	87	3	2	1.07	6.80	2	1,549	1,665	1	4	9	111	1,785	52	1,606	0	0		
15:45 - 16:00	1,502	95	5	0	1.07	3.20	0	1,602	1,708	0	6	0	74	1,782	56	1,664	0	0		
16:00 - 16:15	1,276	114	8	6	1.14	7.00	2	1,406	1,604	1	3	12	74	1,690	80	1,490	0	0		
16:15 - 16:30	1,235	120	3	7	1.15	9.50	4	1,369	1,574	2	5	35	148	1,757	75	1,451	0	0		
16:30 - 16:45	1,095	150	14	6	1.20	6.10	4	1,269	1,521	2	7	47	185	1,753	48	1,326	0	0		
16:45 - 17:00	1,101	121	1	11	1.20	11.25	1	1,235	1,479	0	6	0	111	1,590	75	1,316	0	0		
17:00 - 17:15	1,130	116	7	4	1.14	6.27	1	1,258	1,432	1	5	26	148	1,606	38	1,302	0	0		
17:15 - 17:30	1,221	139	5	3	1.13	6.38	0	1,368	1,550	2	5	64	111	1,725	39	1,414	0	0		
17:30 - 17:45	1,389	206	6	1	1.14	4.43	3	1,605	1,835	0	8	0	259	2,094	46	1,659	0	0		
17:45 - 18:00	1,467	219	3	3	1.15	7.67	4	1,696	1,955	1	5	21	148	2,124	40	1,742	0	0		
18:00 - 18:15	1,397	158	4	2	1.12	6.17	4	1,565	1,754	1	4	36	111	1,901	45	1,615	0	0		
18:15 - 18:30	1,296	157	2	0	1.11	3.00	4	1,459	1,620	2	3	48	74	1,742	40	1,504	0	0		
18:30 - 18:45	1,132	128	2	3	1.13	8.40	4	1,269	1,434	0	1	0	37	1,471	50	1,320	0	0		
18:45 - 19:00	826	107	1	2	1.14	9.00	0	936	1,067	1	3	9	37	1,113	39	979	0	0		
19:00 - 19:15	750	55	3	0	1.08	3.00	3	811	872	0	1	0	0	872	32	844	0	0		
19:15 - 19:30	713	74	2	0	1.10	3.50	7	796	875	1	4	23	74	972	35	836	0	0		
19:30 - 19:45	627	27	1	0	1.04	3.00	1	656	685	1	2	11	0	696	34	693	0	0		
19:45 - 20:00	476	17	1	0	1.04	4.00	1	495	515	0	2	0	0	515	23	520	0	0		

5-Hour Totals

Vehicles	22,637	2,259	74	56	N/A	N/A	55	25,081	28,123	18	86	387	1,813	30,323	847	26,032	0	0
Persons	22,637	4,518	241	672			55											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	30,323	7,861
Rail Passengers	0	0
Auto and Motorcycle Passengers	28,123	7,164
Autos and Motorcycles	25,081	6,325
Average Auto Occupancy (Includes Motorcycles)	1.12	1.13

U.S. 50 Eastbound between Md. 704 (M.L. King Jr. Highway) and Md. 197 (Collington Road)

HOV Lane Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks				
15:00 - 15:15	18	62	2	0	1.79	3.00	2	84	150	1	0	28	0	178	0	85	0	0	
15:15 - 15:30	54	74	1	2	1.73	9.00	3	134	232	1	3	18	111	361	0	138	0	0	
15:30 - 15:45	80	76	3	2	1.64	6.80	2	163	268	1	3	9	111	388	0	167	0	0	
15:45 - 16:00	59	64	5	0	1.59	3.20	0	128	203	0	2	0	74	277	0	130	0	0	
16:00 - 16:15	111	92	7	5	1.75	6.92	2	217	380	1	2	12	74	466	1	221	0	0	
16:15 - 16:30	142	100	3	7	1.72	9.50	4	256	441	2	4	35	148	624	3	265	0	0	
16:30 - 16:45	109	119	11	5	1.82	6.25	4	248	451	2	5	47	185	683	0	255	0	0	
16:45 - 17:00	182	105	1	10	1.73	11.18	1	299	516	0	3	0	111	627	3	305	0	0	
17:00 - 17:15	162	90	4	3	1.51	6.86	0	259	390	1	4	26	148	564	0	264	0	0	
17:15 - 17:30	159	115	5	3	1.56	6.38	0	282	440	2	3	64	111	615	2	289	0	0	
17:30 - 17:45	30	200	6	0	1.89	3.17	3	239	452	0	7	0	259	711	1	247	0	0	
17:45 - 18:00	9	219	3	3	2.09	7.67	4	238	497	1	4	21	148	666	1	244	0	0	
18:00 - 18:15	4	153	3	2	2.10	6.60	3	165	346	1	3	36	111	493	0	169	0	0	
18:15 - 18:30	0	156	2	0	1.99	3.00	4	162	322	2	2	48	74	444	0	166	0	0	
18:30 - 18:45	3	118	1	2	2.11	9.00	4	128	270	0	1	0	37	307	1	130	0	0	
18:45 - 19:00	75	63	0	1	1.53	12.00	0	139	213	1	1	9	37	259	0	141	0	0	
19:00 - 19:15	77	18	0	0	1.19	0.00	0	95	113	0	0	0	0	113	1	96	0	0	
19:15 - 19:30	55	38	0	0	1.40	0.00	3	96	134	1	2	23	74	231	0	99	0	0	
19:30 - 19:45	44	6	0	0	1.12	0.00	0	50	56	1	0	11	0	67	0	51	0	0	
19:45 - 20:00	35	4	0	0	1.10	0.00	1	40	44	0	0	0	0	44	0	40	0	0	

5-Hour Totals

Vehicles	1,408	1,872	57	45	N/A	N/A	40	3,422	5,918	18	49	387	1,813	8,118	13	3,502	0	0
Persons	1,408	3,744	186	540			40											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	8,118	2,314
Rail Passengers	0	0
Auto and Motorcycle Passengers	5,918	1,617
Autos and Motorcycles	3,422	804
Average Auto Occupancy (Includes Motorcycles)	1.73	2.01

U.S. 50 Eastbound between Md. 704 (M.L. King Jr. Highway) and Md. 197 (Collington Road)

Non-HOV Lane Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers	Trucks			
15:00 - 15:15	1,163	20	0	3	1.04	12.00	2	1,188	1,241	0	6	0	0	1,241	0	1,194	0	0
15:15 - 15:30	1,314	13	0	1	1.02	12.00	3	1,331	1,355	0	3	0	0	1,355	0	1,334	0	0
15:30 - 15:45	1,375	11	0	0	1.01	0.00	0	1,386	1,397	0	1	0	0	1,397	52	1,439	0	0
15:45 - 16:00	1,443	31	0	0	1.02	0.00	0	1,474	1,505	0	4	0	0	1,505	56	1,534	0	0
16:00 - 16:15	1,165	22	1	1	1.03	7.50	0	1,189	1,224	0	1	0	0	1,224	79	1,269	0	0
16:15 - 16:30	1,093	20	0	0	1.02	0.00	0	1,113	1,133	0	1	0	0	1,133	72	1,186	0	0
16:30 - 16:45	986	31	3	1	1.05	5.50	0	1,021	1,070	0	2	0	0	1,070	48	1,071	0	0
16:45 - 17:00	919	16	0	1	1.03	12.00	0	936	963	0	3	0	0	963	72	1,011	0	0
17:00 - 17:15	968	26	3	1	1.04	5.25	1	999	1,042	0	1	0	0	1,042	38	1,038	0	0
17:15 - 17:30	1,062	24	0	0	1.02	0.00	0	1,086	1,110	0	2	0	0	1,110	37	1,125	0	0
17:30 - 17:45	1,359	6	0	1	1.01	12.00	0	1,366	1,383	0	1	0	0	1,383	45	1,412	0	0
17:45 - 18:00	1,458	0	0	0	1.00	0.00	0	1,458	1,458	0	1	0	0	1,458	39	1,498	0	0
18:00 - 18:15	1,393	5	1	0	1.01	4.00	1	1,400	1,408	0	1	0	0	1,408	45	1,446	0	0
18:15 - 18:30	1,296	1	0	0	1.00	0.00	0	1,297	1,298	0	1	0	0	1,298	40	1,338	0	0
18:30 - 18:45	1,129	10	1	1	1.02	7.50	0	1,141	1,164	0	0	0	0	1,164	49	1,190	0	0
18:45 - 19:00	751	44	1	1	1.07	7.50	0	797	854	0	2	0	0	854	39	838	0	0
19:00 - 19:15	673	37	3	0	1.06	3.00	3	716	759	0	1	0	0	759	31	748	0	0
19:15 - 19:30	658	36	2	0	1.06	3.50	4	700	741	0	2	0	0	741	35	737	0	0
19:30 - 19:45	583	21	1	0	1.04	3.00	1	606	629	0	2	0	0	629	34	642	0	0
19:45 - 20:00	441	13	1	0	1.04	4.00	0	455	471	0	2	0	0	471	23	480	0	0

5-Hour Totals

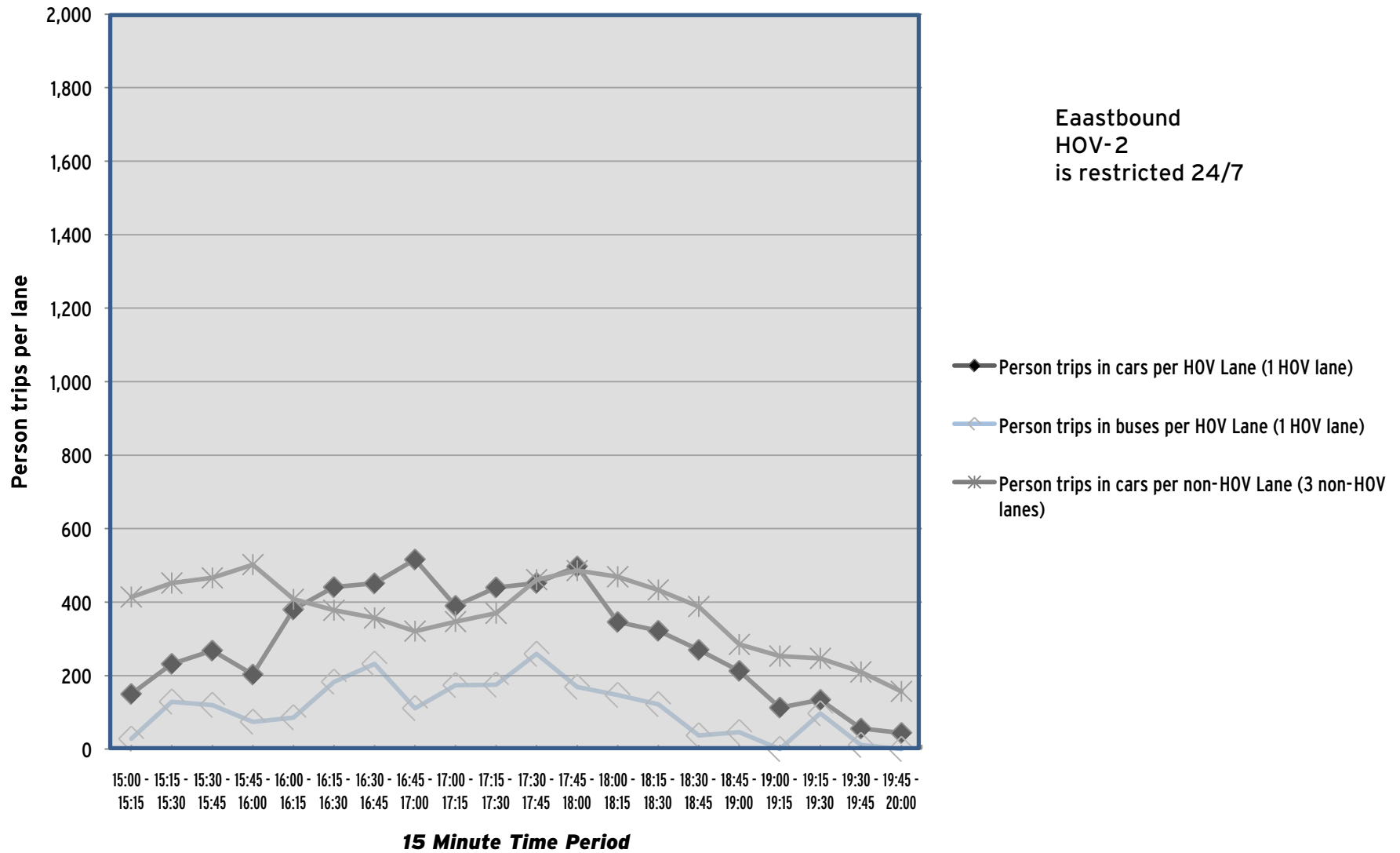
Vehicles	21,229	387	17	11	N/A	N/A	15	21,659	22,205	0	37	0	0	22,205	834	22,530	0	0
Persons	21,229	774	55	132			15											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	22,205	5,547
Rail Passengers	0	0
Auto and Motorcycle Passengers	22,205	5,547
Autos and Motorcycles	21,659	5,521
Average Auto Occupancy (Includes Motorcycles)	1.03	1.00

**U.S. 50 Eastbound between
Md. 704 (Martin Luther King Highway) and Md. 197 (Collington Road)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

Eastbound
HOV-2
is restricted 24/7



U.S. 50 Eastbound between Md. 197 (Collington Road) and U.S. 301/Md. 3 (Collington Road)

All Lanes Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	3	3	3	0	2.00	3.00	0	9	18	0	0	0	0	18	0	9	0	0	
15:15 - 15:30	204	18	1	0	1.09	3.00	0	223	243	1	3	16	37	296	0	227	0	0	
15:30 - 15:45	821	32	0	1	1.05	12.00	0	854	897	1	2	16	37	950	0	857	0	0	
15:45 - 16:00	1,116	24	0	0	1.02	0.00	0	1,140	1,164	1	3	16	74	1,254	12	1,156	0	0	
16:00 - 16:15	1,187	34	1	2	1.05	9.00	2	1,226	1,284	2	4	32	74	1,390	54	1,286	0	0	
16:15 - 16:30	1,050	43	1	5	1.09	10.50	0	1,099	1,199	2	5	32	148	1,379	61	1,167	0	0	
16:30 - 16:45	1,148	77	4	7	1.13	8.73	0	1,236	1,398	1	3	16	111	1,525	42	1,282	0	0	
16:45 - 17:00	1,071	58	1	4	1.09	10.40	0	1,134	1,239	1	5	16	111	1,366	40	1,180	0	0	
17:00 - 17:15	1,068	46	3	14	1.18	10.41	0	1,131	1,337	2	8	32	111	1,480	24	1,165	0	0	
17:15 - 17:30	1,144	28	2	4	1.07	9.67	0	1,178	1,258	1	2	16	74	1,348	11	1,192	0	0	
17:30 - 17:45	1,149	37	0	0	1.03	0.00	1	1,187	1,224	2	4	32	148	1,404	22	1,215	0	0	
17:45 - 18:00	1,240	21	0	0	1.02	0.00	3	1,264	1,285	1	2	16	74	1,375	13	1,280	0	0	
18:00 - 18:15	1,239	30	0	0	1.02	0.00	2	1,271	1,301	1	3	16	111	1,428	54	1,329	0	0	
18:15 - 18:30	1,180	42	0	0	1.03	0.00	0	1,222	1,264	1	2	16	74	1,354	71	1,296	0	0	
18:30 - 18:45	1,115	23	0	0	1.02	0.00	1	1,139	1,162	1	1	16	37	1,215	57	1,198	0	0	
18:45 - 19:00	988	85	4	5	1.14	8.00	5	1,087	1,235	1	1	16	37	1,288	80	1,169	0	0	
19:00 - 19:15	771	69	1	8	1.19	11.00	4	853	1,012	0	0	0	0	1,012	53	906	0	0	
19:15 - 19:30	676	79	2	2	1.14	7.50	0	759	864	0	0	0	0	864	15	774	0	0	
19:30 - 19:45	704	70	0	1	1.10	12.00	0	775	856	0	2	0	37	893	25	802	0	0	
19:45 - 20:00	431	49	1	1	1.13	8.00	0	482	545	0	3	0	0	545	30	515	0	0	

5-Hour Totals

Vehicles	18,305	868	24	54	N/A	N/A	18	19,269	20,785	19	53	304	1,295	22,384	664	20,005	0	0
Persons	18,305	1,736	78	648			18											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	22,384	5,561
Rail Passengers	0	0
Auto and Motorcycle Passengers	20,785	5,074
Autos and Motorcycles	19,269	4,944
Average Auto Occupancy (Includes Motorcycles)	1.08	1.03

U.S. 50 Eastbound between Md. 197 (Collington Road) and U.S. 301/Md. 3 (Collington Road)

HOV Lane Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks				
15:00 - 15:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0	
15:15 - 15:30	4	9	0	0	1.69	0.00	0	13	22	1	1	16	37	75	0	15	0	0	
15:30 - 15:45	5	15	0	0	1.75	0.00	0	20	35	1	1	16	37	88	0	22	0	0	
15:45 - 16:00	8	20	0	0	1.71	0.00	0	28	48	1	2	16	74	138	0	31	0	0	
16:00 - 16:15	0	23	0	0	2.00	0.00	0	23	46	2	2	32	74	152	0	27	0	0	
16:15 - 16:30	2	16	0	0	1.89	0.00	0	18	34	2	4	32	148	214	0	24	0	0	
16:30 - 16:45	5	15	0	0	1.75	0.00	0	20	35	1	3	16	111	162	0	24	0	0	
16:45 - 17:00	1	10	0	0	1.91	0.00	0	11	21	1	3	16	111	148	0	15	0	0	
17:00 - 17:15	4	13	0	0	1.76	0.00	0	17	30	2	3	32	111	173	0	22	0	0	
17:15 - 17:30	0	5	0	0	2.00	0.00	0	5	10	1	2	16	74	100	0	8	0	0	
17:30 - 17:45	7	24	0	0	1.75	0.00	1	32	56	2	4	32	148	236	0	38	0	0	
17:45 - 18:00	6	12	0	0	1.67	0.00	0	18	30	1	2	16	74	120	0	21	0	0	
18:00 - 18:15	15	20	0	0	1.57	0.00	0	35	55	1	3	16	111	182	0	39	0	0	
18:15 - 18:30	3	16	0	0	1.84	0.00	0	19	35	1	2	16	74	125	2	24	0	0	
18:30 - 18:45	5	4	0	0	1.44	0.00	0	9	13	1	1	16	37	66	0	11	0	0	
18:45 - 19:00	1	9	0	0	1.82	0.00	1	11	20	1	1	16	37	73	0	13	0	0	
19:00 - 19:15	2	12	0	0	1.86	0.00	0	14	26	0	0	0	0	26	0	14	0	0	
19:15 - 19:30	3	5	0	0	1.63	0.00	0	8	13	0	0	0	0	13	0	8	0	0	
19:30 - 19:45	1	11	0	0	1.92	0.00	0	12	23	0	1	0	37	60	0	13	0	0	
19:45 - 20:00	3	7	0	1	2.64	12.00	0	11	29	0	0	0	0	29	0	11	0	0	

5-Hour Totals

Vehicles	76	247	1	1	N/A	N/A	2	327	587	19	35	304	1,295	2,186	2	383	0	0
Persons	76	494	3	12			2											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	2,186	663
Rail Passengers	0	0
Auto and Motorcycle Passengers	587	176
Autos and Motorcycles	327	104
Average Auto Occupancy (Includes Motorcycles)	1.80	1.69

U.S. 50 Eastbound between Md. 197 (Collington Road) and U.S. 301/Md. 3 (Collington Road)

Non-HOV Lane Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+Bus Passengers	Trucks			
15:00 - 15:15	2	2	2	0	2.00	3.00	0	6	12	0	0	0	0	12	0	6	0	0
15:15 - 15:30	200	9	1	0	1.05	3.00	0	210	221	0	2	0	0	221	0	212	0	0
15:30 - 15:45	816	17	0	1	1.03	12.00	0	834	862	0	1	0	0	862	0	835	0	0
15:45 - 16:00	1,108	4	0	0	1.00	0.00	0	1,112	1,116	0	1	0	0	1,116	12	1,125	0	0
16:00 - 16:15	1,187	11	1	2	1.03	9.00	2	1,203	1,238	0	2	0	0	1,238	54	1,259	0	0
16:15 - 16:30	1,048	27	1	5	1.08	10.50	0	1,081	1,165	0	1	0	0	1,165	61	1,143	0	0
16:30 - 16:45	1,143	62	4	7	1.12	8.73	0	1,216	1,363	0	0	0	0	1,363	42	1,258	0	0
16:45 - 17:00	1,070	48	1	4	1.08	10.40	0	1,123	1,218	0	2	0	0	1,218	40	1,165	0	0
17:00 - 17:15	1,064	33	3	14	1.17	10.41	0	1,114	1,307	0	5	0	0	1,307	24	1,143	0	0
17:15 - 17:30	1,144	23	2	4	1.06	9.67	0	1,173	1,248	0	0	0	0	1,248	11	1,184	0	0
17:30 - 17:45	1,142	13	0	0	1.01	0.00	0	1,155	1,168	0	0	0	0	1,168	22	1,177	0	0
17:45 - 18:00	1,234	9	0	0	1.01	0.00	3	1,246	1,255	0	0	0	0	1,255	13	1,259	0	0
18:00 - 18:15	1,224	10	0	0	1.01	0.00	2	1,236	1,246	0	0	0	0	1,246	54	1,290	0	0
18:15 - 18:30	1,177	26	0	0	1.02	0.00	0	1,203	1,229	0	0	0	0	1,229	69	1,272	0	0
18:30 - 18:45	1,110	19	0	0	1.02	0.00	1	1,130	1,149	0	0	0	0	1,149	57	1,187	0	0
18:45 - 19:00	987	76	4	5	1.13	8.00	4	1,076	1,215	0	0	0	0	1,215	80	1,156	0	0
19:00 - 19:15	769	57	1	8	1.18	11.00	4	839	986	0	0	0	0	986	53	892	0	0
19:15 - 19:30	673	74	2	2	1.13	7.50	0	751	851	0	0	0	0	851	15	766	0	0
19:30 - 19:45	703	59	0	1	1.09	12.00	0	763	833	0	1	0	0	833	25	789	0	0
19:45 - 20:00	428	42	1	0	1.10	4.00	0	471	516	0	3	0	0	516	30	504	0	0

5-Hour Totals

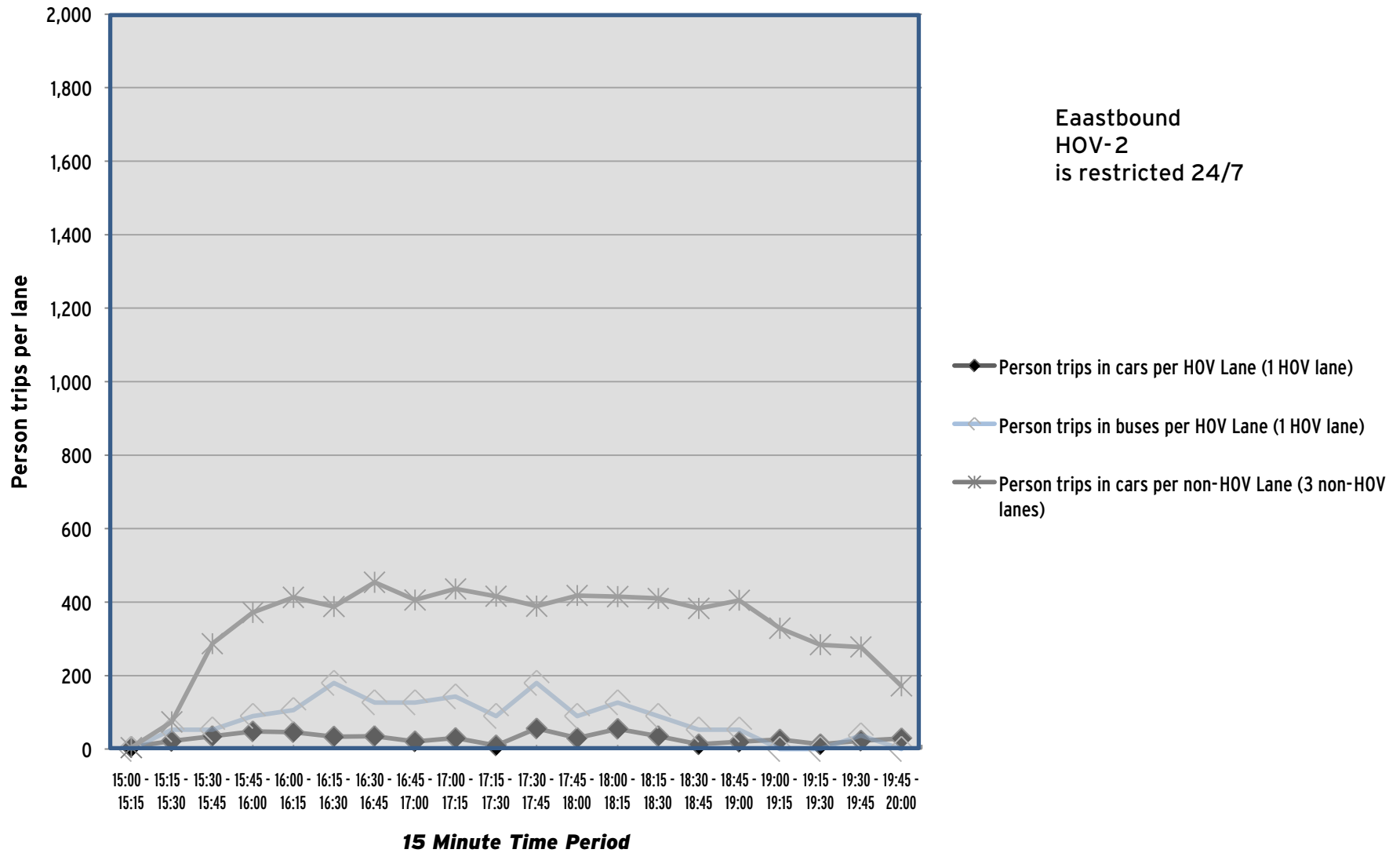
Vehicles	18,229	621	23	53	N/A	N/A	16	18,942	20,198	0	18	0	0	20,198	662	19,622	0	0
Persons	18,229	1,242	75	636			16											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	20,198	4,898
Rail Passengers	0	0
Auto and Motorcycle Passengers	20,198	4,898
Autos and Motorcycles	18,942	4,840
Average Auto Occupancy (Includes Motorcycles)	1.07	1.01

**U.S. 50 Eastbound between
Md. 197 (Collington Road) and Md. 3/U.S. 301 (Crain Highway)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

Eastbound
HOV-2
is restricted 24/7



U.S. 50/U.S. 301 Eastbound between Md. 3 (Crain Highway) and Md. 424 (Davidsonville Road)

All Lanes Total

Spring 2010 - 13 May 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers						
15:00 - 15:15	591	72	3	2	1.15	6.80	2	670	771	0	3	0	111	882	0	673	0	0	0	
15:15 - 15:30	670	103	2	3	1.18	8.80	0	778	920	0	3	0	111	1,031	0	781	0	0	0	
15:30 - 15:45	635	108	1	3	1.19	10.00	10	757	901	0	6	0	222	1,123	67	830	0	0	0	
15:45 - 16:00	815	86	4	3	1.14	7.00	7	915	1,043	0	6	0	222	1,265	46	967	0	0	0	
16:00 - 16:15	775	68	1	7	1.17	10.88	4	855	1,002	0	5	0	185	1,187	52	912	0	0	0	
16:15 - 16:30	886	61	2	6	1.14	10.13	2	957	1,091	0	4	0	148	1,239	42	1,003	0	0	0	
16:30 - 16:45	914	77	1	3	1.11	10.00	3	998	1,111	0	10	0	370	1,481	44	1,052	0	0	0	
16:45 - 17:00	926	69	1	3	1.10	10.00	2	1,001	1,106	0	6	0	222	1,328	34	1,041	0	0	0	
17:00 - 17:15	954	90	5	6	1.16	8.00	1	1,056	1,223	0	3	0	111	1,334	51	1,110	0	0	0	
17:15 - 17:30	905	67	0	3	1.10	12.00	1	976	1,076	0	4	0	148	1,224	32	1,012	0	0	0	
17:30 - 17:45	871	60	5	7	1.16	8.25	1	944	1,091	0	4	0	148	1,239	33	981	0	0	0	
17:45 - 18:00	920	71	7	1	1.10	4.38	0	999	1,097	0	7	0	259	1,356	32	1,038	0	0	0	
18:00 - 18:15	885	65	2	4	1.12	9.00	0	956	1,069	0	7	0	259	1,328	34	997	0	0	0	
18:15 - 18:30	845	53	2	1	1.08	6.33	5	906	975	0	5	0	185	1,160	39	950	0	0	0	
18:30 - 18:45	755	66	0	1	1.09	12.00	8	830	907	0	3	0	111	1,018	42	875	0	0	0	
18:45 - 19:00	655	51	2	3	1.12	8.40	0	711	799	0	3	0	111	910	58	772	0	0	0	
19:00 - 19:15	561	45	3	2	1.12	6.60	0	611	684	0	1	0	37	721	36	648	0	0	0	
19:15 - 19:30	618	51	1	4	1.14	10.20	0	674	771	0	2	0	74	845	31	707	0	0	0	
19:30 - 19:45	530	42	5	0	1.10	3.60	0	577	632	0	3	0	111	743	31	611	0	0	0	
19:45 - 20:00	344	21	5	0	1.09	3.80	0	370	405	0	1	0	37	442	38	409	0	0	0	

5-Hour Totals

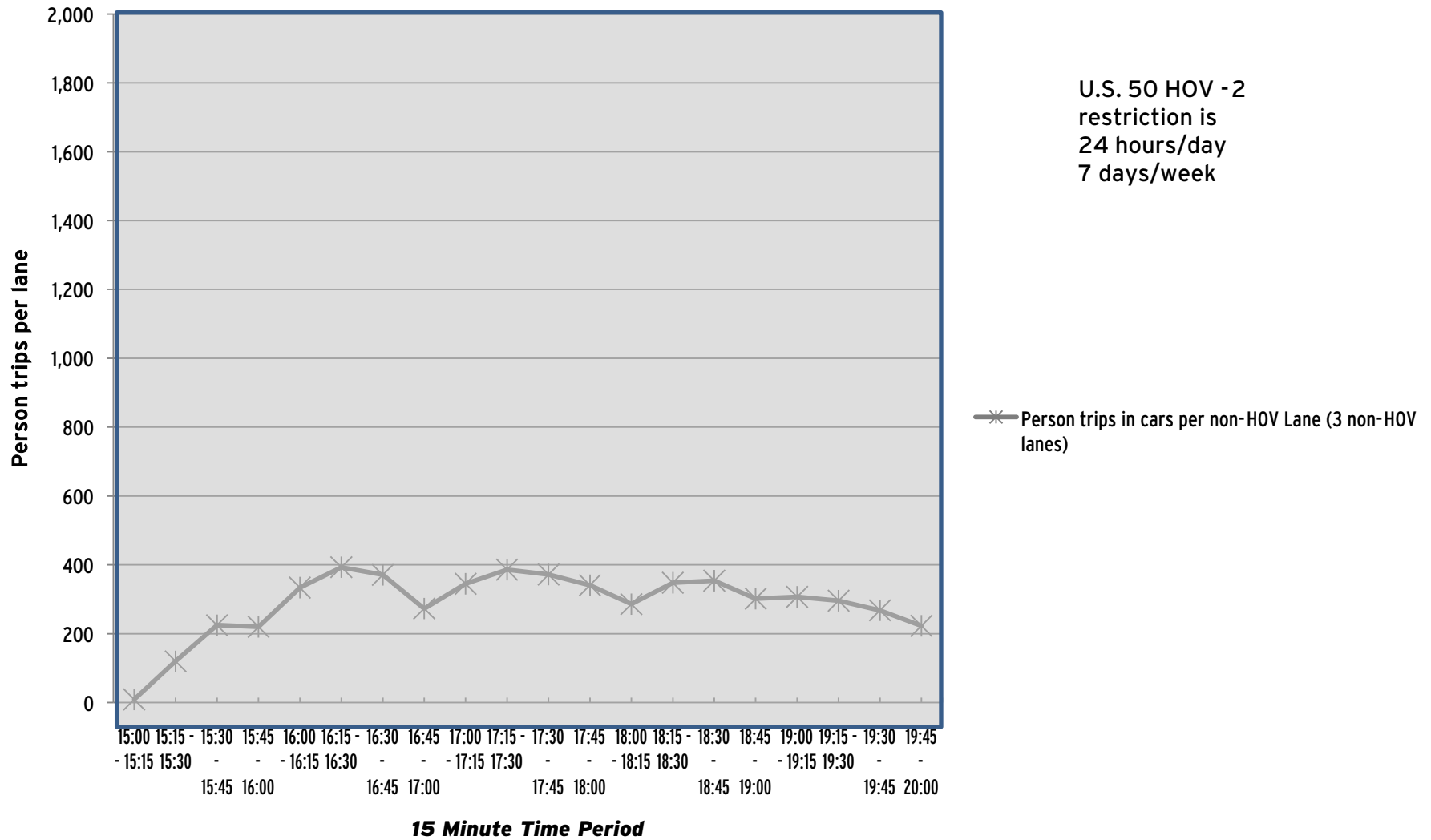
Vehicles	15,055	1,326	52	62	N/A	N/A	46	16,541	18,674	0	86	0	3,182	21,856	742	17,369	0	0
Persons	15,055	2,652	177	744			46											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	21,856	5,367
Rail Passengers	0	0
Auto and Motorcycle Passengers	18,674	4,516
Autos and Motorcycles	16,541	4,027
Average Auto Occupancy (Includes Motorcycles)	1.13	1.12

**U.S. 50 Eastbound at
Md. 424 (Davidsonville Road)
P.M. Peak Period - Spring 2010
Observed person trips per lane by 15 minute interval**

U.S. 50 HOV -2
restriction is
24 hours/day
7 days/week



U.S. 50 Westbound (off-peak) between Md. 197 (Collington Road) and Md. 704 (M. L. King, Jr. Highway)

All Lanes Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
15:00 - 15:15	826	19	0	1	1.04	12.00	1	847	877	1	7	26	0	903	0	855	0	0		
15:15 - 15:30	1,039	24	0	1	1.03	12.00	2	1,066	1,101	0	4	0	0	1,101	0	1,070	0	0		
15:30 - 15:45	1,038	27	0	0	1.03	0.00	1	1,066	1,093	2	3	36	0	1,129	61	1,132	0	0		
15:45 - 16:00	1,070	27	1	0	1.03	4.00	0	1,098	1,128	0	4	0	0	1,128	70	1,172	0	0		
16:00 - 16:15	889	37	1	0	1.04	3.00	0	927	966	1	1	7	0	973	104	1,033	0	0		
16:15 - 16:30	721	18	0	1	1.04	12.00	1	741	770	2	1	40	0	810	92	836	0	0		
16:30 - 16:45	775	32	2	1	1.06	6.00	0	810	857	0	3	0	0	857	61	874	0	0		
16:45 - 17:00	686	17	0	0	1.02	0.00	0	703	720	2	4	37	37	794	73	782	0	0		
17:00 - 17:15	745	22	3	0	1.04	3.00	0	770	798	1	2	20	0	818	38	811	0	0		
17:15 - 17:30	809	16	0	0	1.02	0.00	0	825	841	2	2	22	0	863	41	870	0	0		
17:30 - 17:45	1,146	11	0	1	1.02	12.00	0	1,158	1,180	2	1	20	0	1,200	46	1,207	0	0		
17:45 - 18:00	1,254	33	1	0	1.03	6.00	0	1,288	1,326	1	1	22	0	1,348	44	1,334	0	0		
18:00 - 18:15	1,200	34	0	0	1.03	0.00	1	1,235	1,269	2	1	20	0	1,289	51	1,289	0	0		
18:15 - 18:30	1,118	38	0	0	1.03	0.00	0	1,156	1,194	0	2	0	0	1,194	53	1,211	0	0		
18:30 - 18:45	983	29	1	1	1.04	7.50	0	1,014	1,056	2	2	42	0	1,098	54	1,072	0	0		
18:45 - 19:00	605	51	1	1	1.10	7.50	0	658	722	1	2	22	0	744	60	721	0	0		
19:00 - 19:15	661	38	3	0	1.06	3.00	5	707	751	0	1	0	0	751	60	768	0	0		
19:15 - 19:30	603	45	3	0	1.08	3.33	2	653	705	1	2	20	0	725	42	698	0	0		
19:30 - 19:45	575	18	1	0	1.03	3.00	5	599	619	2	2	42	0	661	42	645	0	0		
19:45 - 20:00	358	7	0	0	1.02	0.00	0	365	372	0	0	0	0	372	27	392	0	0		

5-Hour Totals

Vehicles	17,101	543	17	7	N/A	N/A	18	17,686	18,345	22	45	376	37	18,758	1,019	18,772	0	0
Persons	17,101	1,086	56	84			18											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	18,758	5,031
Rail Passengers	0	0
Auto and Motorcycle Passengers	18,345	4,969
Autos and Motorcycles	17,686	4,837
Average Auto Occupancy (Includes Motorcycles)	1.04	1.03

U.S. 50 Westbound (off-peak) between Md. 197 (Collington Road) and Md. 704 (M. L. King, Jr. Highway)

HOV Lane Total

Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+Bus Passengers	Trucks					
15:00 - 15:15	0	18	0	0	1.95	0.00	1	19	37	1	0	26	0	63	0	20	0	0		
15:15 - 15:30	2	20	0	0	1.91	0.00	0	22	42	0	0	0	0	42	0	22	0	0		
15:30 - 15:45	0	22	0	0	2.00	0.00	0	22	44	2	0	36	0	80	0	24	0	0		
15:45 - 16:00	0	17	1	0	2.11	4.00	0	18	38	0	0	0	0	38	0	18	0	0		
16:00 - 16:15	2	15	0	0	1.88	0.00	0	17	32	1	0	7	0	39	0	18	0	0		
16:15 - 16:30	7	1	0	1	2.20	12.00	1	10	22	2	0	40	0	62	0	12	0	0		
16:30 - 16:45	3	2	0	0	1.40	0.00	0	5	7	0	0	0	0	7	0	5	0	0		
16:45 - 17:00	10	1	0	0	1.09	0.00	0	11	12	2	1	37	37	86	0	14	0	0		
17:00 - 17:15	5	0	0	0	1.00	0.00	0	5	5	1	0	20	0	25	0	6	0	0		
17:15 - 17:30	4	3	0	0	1.43	0.00	0	7	10	2	0	22	0	32	0	9	0	0		
17:30 - 17:45	13	7	0	0	1.35	0.00	0	20	27	2	0	20	0	47	0	22	0	0		
17:45 - 18:00	1	31	1	0	2.09	6.00	0	33	69	1	0	22	0	91	0	34	0	0		
18:00 - 18:15	0	31	0	0	2.00	0.00	0	31	62	2	0	20	0	82	0	33	0	0		
18:15 - 18:30	0	32	0	0	2.00	0.00	0	32	64	0	0	0	0	64	0	32	0	0		
18:30 - 18:45	1	21	0	0	1.95	0.00	0	22	43	2	0	42	0	85	0	24	0	0		
18:45 - 19:00	1	2	0	0	1.67	0.00	0	3	5	1	0	22	0	27	0	4	0	0		
19:00 - 19:15	12	2	0	0	1.13	0.00	1	15	17	0	0	0	0	17	0	15	0	0		
19:15 - 19:30	9	3	0	0	1.23	0.00	1	13	16	1	0	20	0	36	0	14	0	0		
19:30 - 19:45	10	2	0	0	1.14	0.00	2	14	16	2	0	42	0	58	0	16	0	0		
19:45 - 20:00	4	0	0	0	1.00	0.00	0	4	4	0	0	0	0	4	0	4	0	0		

5-Hour Totals

Vehicles	84	230	2	1	N/A	N/A	6	323	572	22	1	376	37	985	0	346	0	0
Persons	84	460	10	12			6											

U.S. 50 HOV Restricted

	5 Hours Period 24/7	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	985	284
Rail Passengers	0	0
Auto and Motorcycle Passengers	572	222
Autos and Motorcycles	323	116
Average Auto Occupancy (Includes Motorcycles)	1.77	1.91

U.S. 50 Westbound (off-peak) between Md. 197 (Collington Road) and Md. 704 (M. L. King, Jr. Highway)

Non-HOV Lane Total
Spring 2010 - 3 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	+ Bus Passengers					
15:00 - 15:15	826	1	0	1	1.01	12.00	0	828	840	0	7	0	0	840	0	835	0	0	
15:15 - 15:30	1,037	4	0	1	1.01	12.00	2	1,044	1,059	0	4	0	0	1,059	0	1,048	0	0	
15:30 - 15:45	1,038	5	0	0	1.00	0.00	1	1,044	1,049	0	3	0	0	1,049	61	1,108	0	0	
15:45 - 16:00	1,070	10	0	0	1.01	0.00	0	1,080	1,090	0	4	0	0	1,090	70	1,154	0	0	
16:00 - 16:15	887	22	1	0	1.03	3.00	0	910	934	0	1	0	0	934	104	1,015	0	0	
16:15 - 16:30	714	17	0	0	1.02	0.00	0	731	748	0	1	0	0	748	92	824	0	0	
16:30 - 16:45	772	30	2	1	1.06	6.00	0	805	850	0	3	0	0	850	61	869	0	0	
16:45 - 17:00	676	16	0	0	1.02	0.00	0	692	708	0	3	0	0	708	73	768	0	0	
17:00 - 17:15	740	22	3	0	1.04	3.00	0	765	793	0	2	0	0	793	38	805	0	0	
17:15 - 17:30	805	13	0	0	1.02	0.00	0	818	831	0	2	0	0	831	41	861	0	0	
17:30 - 17:45	1,133	4	0	1	1.01	12.00	0	1,138	1,153	0	1	0	0	1,153	46	1,185	0	0	
17:45 - 18:00	1,253	2	0	0	1.00	0.00	0	1,255	1,257	0	1	0	0	1,257	44	1,300	0	0	
18:00 - 18:15	1,200	3	0	0	1.00	0.00	1	1,204	1,207	0	1	0	0	1,207	51	1,256	0	0	
18:15 - 18:30	1,118	6	0	0	1.01	0.00	0	1,124	1,130	0	2	0	0	1,130	53	1,179	0	0	
18:30 - 18:45	982	8	1	1	1.02	7.50	0	992	1,013	0	2	0	0	1,013	54	1,048	0	0	
18:45 - 19:00	604	49	1	1	1.09	7.50	0	655	717	0	2	0	0	717	60	717	0	0	
19:00 - 19:15	649	36	3	0	1.06	3.00	4	692	734	0	1	0	0	734	60	753	0	0	
19:15 - 19:30	594	42	3	0	1.08	3.33	1	640	689	0	2	0	0	689	42	684	0	0	
19:30 - 19:45	565	16	1	0	1.03	3.00	3	585	603	0	2	0	0	603	42	629	0	0	
19:45 - 20:00	354	7	0	0	1.02	0.00	0	361	368	0	0	0	0	368	27	388	0	0	

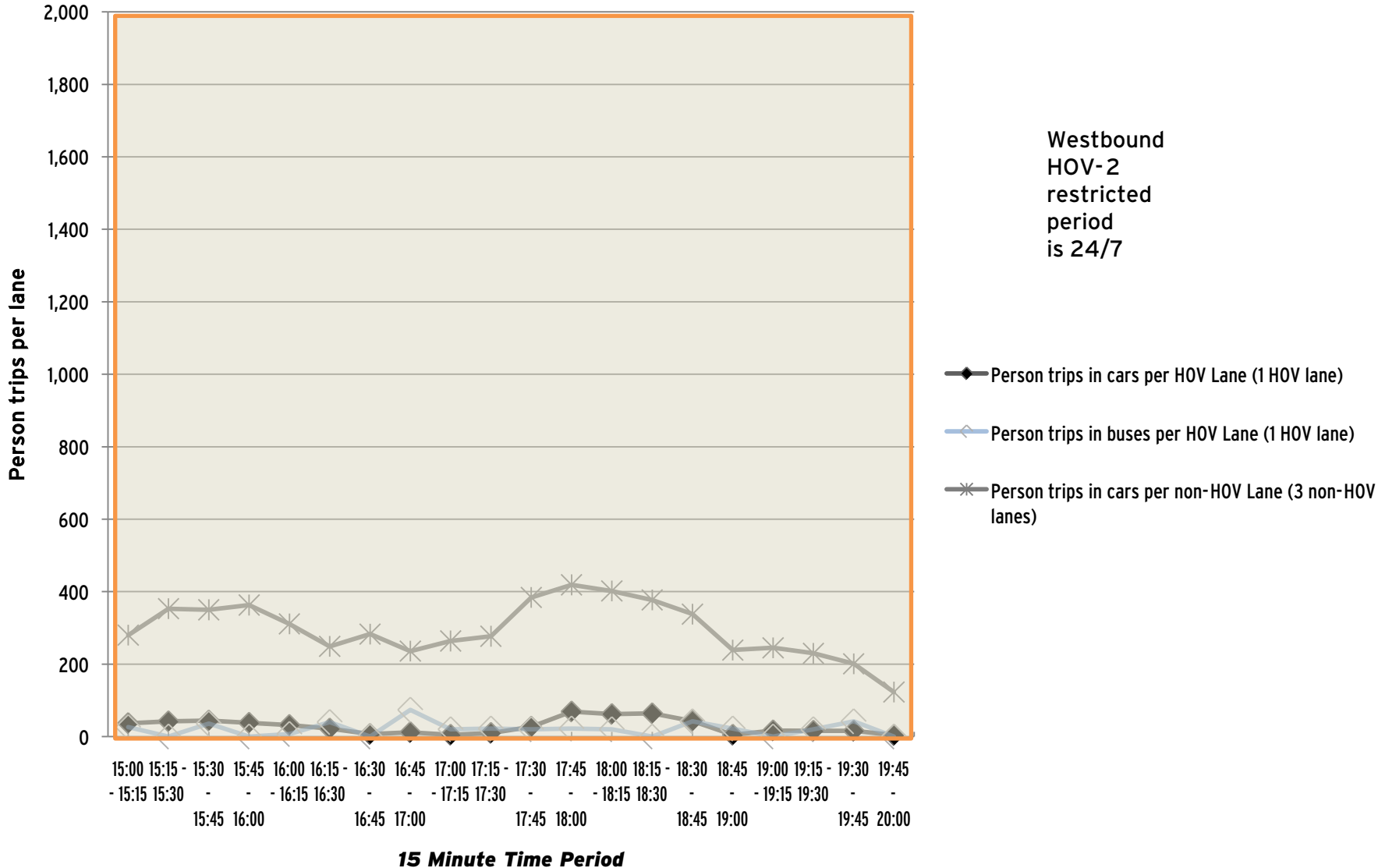
5-Hour Totals

Vehicles	17,017	313	15	6	N/A	N/A	12	17,363	17,773	0	44	0	0	17,773	1,019	18,426	0	0
Persons	17,017	626	46	72			12											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	17,773	4,747
Rail Passengers	0	0
Auto and Motorcycle Passengers	17,773	4,747
Autos and Motorcycles	17,363	4,721
Average Auto Occupancy (Includes Motorcycles)	1.02	1.01

**U.S. 50 (John Hanson Highway) Westbound (OFF-PEAK flow)
Md. 197 (Collington Road) and Md. 704 (Martin Luther King Highway)
Observed person trips per lane by 15 minute interval**



U.S. 50 Westbound (off-peak) between U.S. 301/Md. 3 (Crain Highway) and Md. 197 (Collington Road)

All Lanes Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Pers. + MC Riders + Bus Passengers		Trucks	Total Vehicles	Rail Metro	Comm.
										Transit	Other	Transit	Other	Transit	Other				
15:00 - 15:15	2	2	2	0	2.00	3.00	0	6	12	0	0	0	0	12	0	6	0	0	
15:15 - 15:30	304	11	0	0	1.03	0.00	0	315	326	0	3	0	37	363	0	318	0	0	
15:30 - 15:45	814	25	0	0	1.03	0.00	0	839	864	0	14	0	37	901	0	853	0	0	
15:45 - 16:00	785	20	0	0	1.02	0.00	0	805	825	0	5	0	37	862	27	837	0	0	
16:00 - 16:15	451	123	1	4	1.29	10.20	1	580	749	0	5	0	74	823	56	641	0	0	
16:15 - 16:30	466	136	2	3	1.29	8.40	0	607	780	0	2	0	74	854	34	643	0	0	
16:30 - 16:45	464	135	1	2	1.26	9.00	1	603	762	0	4	0	111	873	53	660	0	0	
16:45 - 17:00	461	143	1	4	1.31	10.20	3	612	801	0	4	0	37	838	43	659	0	0	
17:00 - 17:15	555	124	2	0	1.19	3.00	0	681	809	0	18	0	111	920	46	745	0	0	
17:15 - 17:30	516	43	0	1	1.10	12.00	0	560	614	0	2	0	37	651	27	589	0	0	
17:30 - 17:45	569	107	0	0	1.16	0.00	1	677	784	0	4	0	74	858	44	725	0	0	
17:45 - 18:00	505	184	6	0	1.28	3.00	1	696	892	0	4	0	37	929	30	730	0	0	
18:00 - 18:15	400	96	0	0	1.19	0.00	0	496	592	0	1	0	37	629	32	529	0	0	
18:15 - 18:30	397	125	0	0	1.24	0.00	0	522	647	0	1	0	37	684	26	549	0	0	
18:30 - 18:45	545	69	0	1	1.13	12.00	0	615	695	0	1	0	37	732	36	652	0	0	
18:45 - 19:00	298	150	3	1	1.37	5.25	2	454	621	0	4	0	37	658	22	480	0	0	
19:00 - 19:15	324	143	3	1	1.34	5.25	0	471	631	0	1	0	0	631	37	509	0	0	
19:15 - 19:30	307	151	7	0	1.35	3.00	2	467	632	0	5	0	0	632	30	502	0	0	
19:30 - 19:45	267	106	1	0	1.29	3.00	2	376	484	0	2	0	37	521	50	428	0	0	
19:45 - 20:00	290	80	1	2	1.28	9.00	1	374	478	0	1	0	0	478	40	415	0	0	

5-Hour Totals

Vehicles	8,720	1,973	30	19	N/A	N/A	14	10,756	12,998	0	81	0	851	13,849	633	11,470	0	0
Persons	8,720	3,946	90	228			14											

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	13,849	3,440
Rail Passengers	0	0
Auto and Motorcycle Passengers	12,998	3,218
Autos and Motorcycles	10,756	2,831
Average Auto Occupancy (Includes Motorcycles)	1.21	1.14

U.S. 50 Westbound (off-peak) between U.S. 301/Md. 3 (Crain Highway) and Md. 197 (Collington Road)

HOV Lane Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Pers. + MC Riders		Trucks	Total Vehicles	Rail Metro	Comm.
									+ MC Riders	Transit	Other	Transit	Other	+ Bus Passengers	Trucks					
15:00 - 15:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	0	6	0	3	0	0	0	
15:15 - 15:30	3	8	0	0	1.73	0.00	0	11	19	0	1	0	37	56	0	12	0	0	0	
15:30 - 15:45	5	15	0	0	1.75	0.00	0	20	35	0	1	0	37	72	0	21	0	0	0	
15:45 - 16:00	8	20	0	0	1.71	0.00	0	28	48	0	1	0	37	85	0	29	0	0	0	
16:00 - 16:15	0	23	0	0	2.00	0.00	0	23	46	0	2	0	74	120	0	25	0	0	0	
16:15 - 16:30	2	16	0	0	1.89	0.00	0	18	34	0	2	0	74	108	0	20	0	0	0	
16:30 - 16:45	5	15	0	0	1.75	0.00	0	20	35	0	3	0	111	146	0	23	0	0	0	
16:45 - 17:00	1	10	0	0	1.91	0.00	0	11	21	0	1	0	37	58	0	12	0	0	0	
17:00 - 17:15	4	13	0	0	1.76	0.00	0	17	30	0	3	0	111	141	0	20	0	0	0	
17:15 - 17:30	0	5	0	0	2.00	0.00	0	5	10	0	1	0	37	47	0	6	0	0	0	
17:30 - 17:45	7	24	0	0	1.75	0.00	1	32	56	0	2	0	74	130	0	34	0	0	0	
17:45 - 18:00	6	12	0	0	1.67	0.00	0	18	30	0	1	0	37	67	0	19	0	0	0	
18:00 - 18:15	15	20	0	0	1.57	0.00	0	35	55	0	1	0	37	92	0	36	0	0	0	
18:15 - 18:30	3	16	0	0	1.84	0.00	0	19	35	0	1	0	37	72	2	22	0	0	0	
18:30 - 18:45	5	4	0	0	1.44	0.00	0	9	13	0	1	0	37	50	0	10	0	0	0	
18:45 - 19:00	1	9	0	0	1.82	0.00	1	11	20	0	1	0	37	57	0	12	0	0	0	
19:00 - 19:15	2	12	0	0	1.86	0.00	0	14	26	0	0	0	0	26	0	14	0	0	0	
19:15 - 19:30	3	5	0	0	1.63	0.00	0	8	13	0	0	0	0	13	0	8	0	0	0	
19:30 - 19:45	1	11	0	0	1.92	0.00	0	12	23	0	1	0	37	60	0	13	0	0	0	
19:45 - 20:00	3	7	0	1	2.64	12.00	0	11	29	0	0	0	0	29	0	11	0	0	0	

5-Hour Totals

Vehicles	75	246	1	1	N/A	N/A	2	325	584	0	23	0	851	1,435	2	350	0	0
Persons	75	492	3	12			2											

U.S. 50 HOV Restricted

	5 Hours Period 24/7	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	1,435	385
Rail Passengers	0	0
Auto and Motorcycle Passengers	584	163
Autos and Motorcycles	325	89
Average Auto Occupancy (Includes Motorcycles)	1.80	1.83

U.S. 50 Westbound (off-peak) between U.S. 301/Md. 3 (Crain Highway) and Md. 197 (Collington Road)

Non-HOV Lane Total

Spring 2010 - 1 June 2010

Time	1 Vehicles	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC	Total	Buses Transit	Bus Passengers		Total Auto Pers.	Trucks	Total	Rail	Comm.
									Auto Persons + MC Riders		Transit	Other	+ MC Riders +Bus Passengers		Vehicles	Metro	
15:00 - 15:15	1	1	1	0	2.00	3.00	0	3	6	0	0	0	6	0	3	0	0
15:15 - 15:30	301	3	0	0	1.01	0.00	0	304	307	0	2	0	307	0	306	0	0
15:30 - 15:45	809	10	0	0	1.01	0.00	0	819	829	0	13	0	829	0	832	0	0
15:45 - 16:00	777	0	0	0	1.00	0.00	0	777	777	0	4	0	777	27	808	0	0
16:00 - 16:15	451	100	1	4	1.26	10.20	1	557	703	0	3	0	703	56	616	0	0
16:15 - 16:30	464	120	2	3	1.27	8.40	0	589	746	0	0	0	746	34	623	0	0
16:30 - 16:45	459	120	1	2	1.25	9.00	1	583	727	0	1	0	727	53	637	0	0
16:45 - 17:00	460	133	1	4	1.30	10.20	3	601	780	0	3	0	780	43	647	0	0
17:00 - 17:15	551	111	2	0	1.17	3.00	0	664	779	0	15	0	779	46	725	0	0
17:15 - 17:30	516	38	0	1	1.09	12.00	0	555	604	0	1	0	604	27	583	0	0
17:30 - 17:45	562	83	0	0	1.13	0.00	0	645	728	0	2	0	728	44	691	0	0
17:45 - 18:00	499	172	6	0	1.27	3.00	1	678	862	0	3	0	862	30	711	0	0
18:00 - 18:15	385	76	0	0	1.16	0.00	0	461	537	0	0	0	537	32	493	0	0
18:15 - 18:30	394	109	0	0	1.22	0.00	0	503	612	0	0	0	612	24	527	0	0
18:30 - 18:45	540	65	0	1	1.13	12.00	0	606	682	0	0	0	682	36	642	0	0
18:45 - 19:00	297	141	3	1	1.36	5.25	1	443	601	0	3	0	601	22	468	0	0
19:00 - 19:15	322	131	3	1	1.32	5.25	0	457	605	0	1	0	605	37	495	0	0
19:15 - 19:30	304	146	7	0	1.35	3.00	2	459	619	0	5	0	619	30	494	0	0
19:30 - 19:45	266	95	1	0	1.27	3.00	2	364	461	0	1	0	461	50	415	0	0
19:45 - 20:00	287	73	1	1	1.24	7.50	1	363	449	0	1	0	449	40	404	0	0

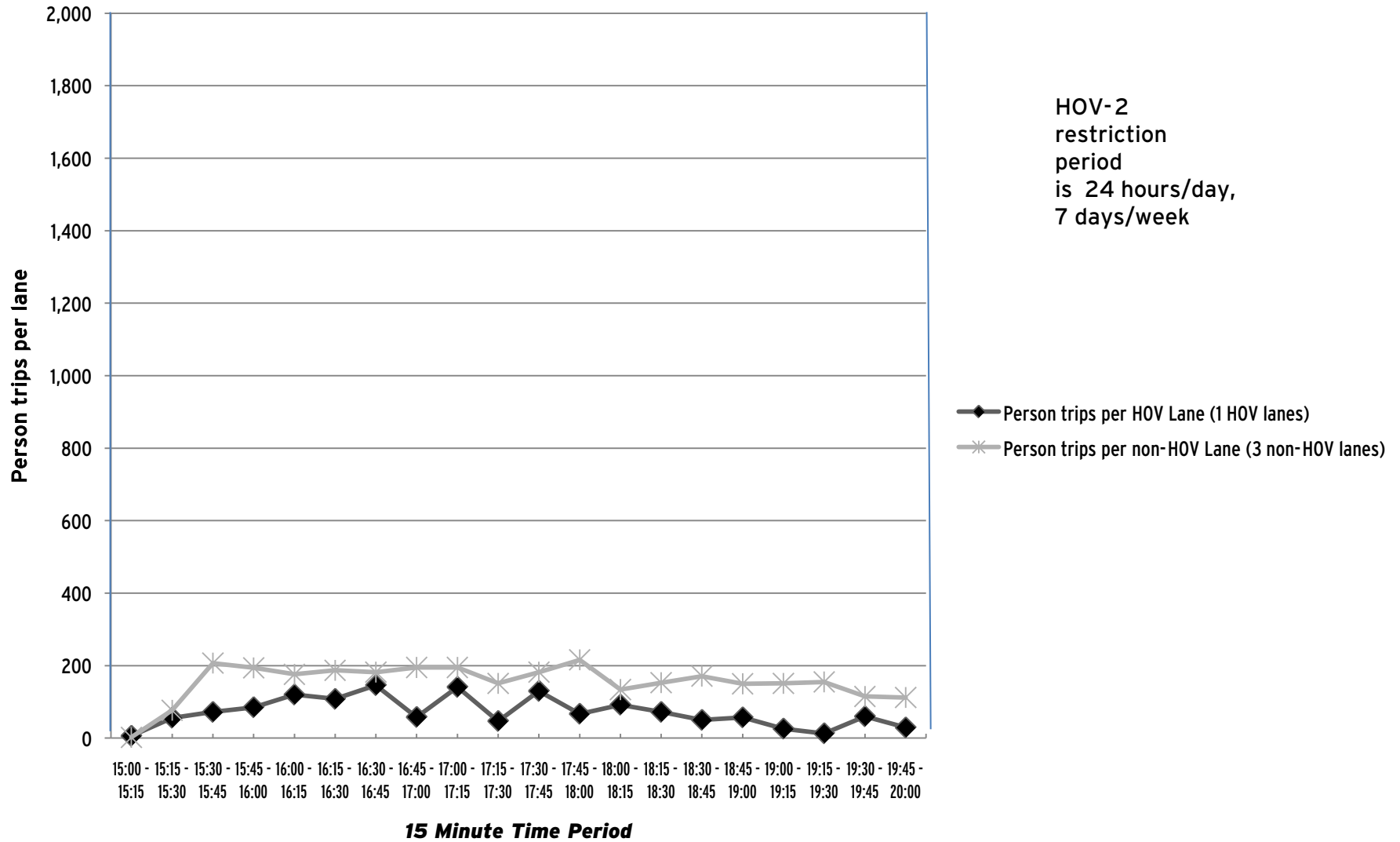
5-Hour Totals

Vehicles	8,645	1,727	29	18	N/A	N/A	12	10,431	12,414	0	58	0	0	12,414	631	11,120	0	0	
Persons	8,645	3,454	87	216			12												

U.S. 50 HOV Restricted

	Period 24/7 5 Hours	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	12,414	3,055
Rail Passengers	0	0
Auto and Motorcycle Passengers	12,414	3,055
Autos and Motorcycles	10,431	2,742
Average Auto Occupancy (Includes Motorcycles)	1.19	1.11

**U.S. 50 westbound (OFF-PEAK FLOW)
between Md. 3/U.S. 301 and Md. 197 (Collington Road)
Spring 2010
Observed person trips per lane by 15 minute interval**



APPENDIX C

A.M. TRAVEL TIME RUN ROUTES (HOV AND NON-HOV) AND DATA

Travel time run routes were designed to show the differences in speeds and elapsed times between the HOV and non-HOV modes. The HOV routes maximize use of HOV lanes in each corridor, and provide examples of the maximum savings in travel time that can be associated with the current configuration of these HOV facilities. Non-HOV routes parallel the HOV routes on the same facility, except for I-66 (between I-495 and the T. Roosevelt Bridge (Potomac River), where the non-HOV route follows I-495 to U.S. 50 (Arlington Boulevard) and re-joins I-66 at the west end of the span) and Va. 267/Dulles Connector/I-66 (the non-HOV route follows I-495 to the George Washington Memorial Parkway and re-joins I-66 at the T. Roosevelt Bridge).

**I-95/I-395 (Northbound - A.M. Peak Direction)
Spring, 2010**

ENTIRE ROUTE	30.5 miles	HOV	non-HOV	
Mean of Elapsed Times		0:38:54	1:21:07	
Mean time savings				0:42:13
Standard Deviation of Elapsed Times		0:08:52	0:28:13	
Average speeds		49	25	
HOV PORTION OF ROUTE	27.6 miles			
Mean of Elapsed Times		0:34:30	1:16:12	
Mean time savings				0:41:42
Standard Deviation of Elapsed Times		0:08:44	0:27:45	
Average speeds		50	24	
HOV PORTION OF ROUTE (outside Beltway)	18 miles			
Mean of Elapsed Times		0:17:32	0:31:28	
Mean time savings				0:13:56
Standard Deviation of Elapsed Times		0:04:45	0:09:37	
Average speeds		64	37	
HOV PORTION OF ROUTE (inside Beltway)	9.6 miles			
Mean of Elapsed Times		0:16:58	0:44:44	
Mean time savings				0:27:46
Standard Deviation of Elapsed Times		0:04:46	0:23:34	
Average speeds		36	16	

Average speeds are rounded to nearest mile

I-95/I-395 (Northbound - A.M. Peak Direction)
Spring, 2010

Run Date: 04-Mar-10
Start Time: 07:30:00 AM st

Run Date: 11-Mar-10
Start Time: 07:15:00 AM

Run Date: 10-Mar-10
Start Time: 07:00:00 AM

Run Date: 09-Mar-10
Start Time: 07:00:00 AM

Landmarks	Mile Point	Times		Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Ramp From VA 619 W to I-95 North	0.00	07:30:00 AM	07:30:00 AM	07:15:00 AM	07:15:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM
Begin Barrier-separated HOV lanes	1.80	07:31:43 AM	07:31:51 AM	07:16:50 AM	07:16:59 AM	07:01:47 AM	07:01:52 AM	07:01:44 AM	07:01:50 AM
VA 234 Overpass	2.40	07:32:26 AM	07:32:43 AM	07:17:31 AM	07:17:54 AM	07:02:35 AM	07:02:23 AM	07:02:24 AM	07:02:25 AM
Dumfries Scales	3.60	07:33:31 AM	07:33:16 AM	07:18:30 AM	07:18:34 AM	07:03:31 AM	07:03:25 AM	07:03:27 AM	07:02:25 AM
VA 784 (Dale Boulevard)	6.10	07:35:41 AM	07:35:21 AM	07:20:42 AM	07:20:58 AM	07:05:50 AM	07:05:30 AM	07:04:31 AM	07:11:10 AM
VA 2000 (Opitz Boulevard)	6.70	07:36:11 AM	07:35:49 AM	07:21:10 AM	07:21:29 AM	07:06:20 AM	07:05:58 AM	07:05:41 AM	07:16:15 AM
VA 3000 (Prince William Parkway)	8.20	07:37:30 AM	07:37:07 AM	07:22:25 AM	07:22:50 AM	07:07:31 AM	07:08:47 AM	07:07:32 AM	07:22:25 AM
Occoquan River Bridge	10.50	07:39:23 AM	07:40:19 AM	07:24:30 AM	07:25:55 AM	07:09:27 AM	07:12:37 AM	07:09:34 AM	07:26:50 AM
VA 642 (Lorton Road)	13.20	07:41:49 AM	07:43:58 AM	07:26:55 AM	07:29:50 AM	07:12:47 AM	07:17:55 AM	07:12:09 AM	07:35:15 AM
VA 7100 (Fairfax County Parkway)	16.50	07:44:28 AM	07:50:34 AM	07:29:48 AM	07:31:37 AM	07:14:10 AM	07:23:04 AM	07:14:53 AM	07:43:27 AM
VA 644 (Franconia Road)	19.00	07:46:49 AM	07:57:00 AM	07:32:08 AM	07:34:31 AM	07:17:28 AM	07:26:02 AM	07:28:37 AM	07:49:10 AM
I-495 (Capital Beltway)	19.80	07:47:34 AM	07:58:47 AM	07:32:57 AM	07:36:00 AM	07:18:20 AM	07:27:58 AM	07:31:50 AM	07:50:55 AM
VA 648 (Edsall Road)	20.80	07:48:24 AM	08:01:49 AM	07:33:59 AM	07:38:38 AM	07:19:00 AM	07:31:08 AM	07:37:28 AM	07:53:50 AM
VA 234 (Duke Street)	22.50	07:49:59 AM	08:21:28 AM	07:35:19 AM	07:44:10 AM	07:21:30 AM	07:40:19 AM	07:45:24 AM	07:59:10 AM
Seminary Road	24.10	07:54:17 AM	08:34:43 AM	07:37:03 AM	07:49:47 AM	07:24:52 AM	07:45:31 AM	07:49:50 AM	08:03:00 AM
VA 7 (King Street)	25.00	07:55:58 AM	08:38:47 AM	07:38:50 AM	07:50:55 AM	07:25:50 AM	07:47:34 AM	07:51:04 AM	08:05:00 AM
VA 120 (Glebe Road)	26.30	07:58:44 AM	08:43:34 AM	07:41:01 AM	07:53:50 AM	07:29:45 AM	07:49:45 AM	07:52:27 AM	08:08:02 AM
Arlington Ridge Road	27.50	08:00:17 AM	08:45:31 AM	07:43:54 AM	07:55:35 AM	07:31:38 AM	07:51:00 AM	07:53:34 AM	08:12:00 AM
End HOV-restricted lanes									
Virginia End of the 14th Street Bridge	29.40	08:05:42 AM	08:57:28 AM	07:49:16 AM	08:04:16 AM	07:34:15 AM	07:56:59 AM	07:58:12 AM	08:25:00 AM
DC End of the 14th Street Bridge	29.80	08:04:41 AM	08:58:22 AM	07:50:16 AM	08:04:28 AM	07:37:10 AM	07:57:46 AM	07:58:59 AM	08:26:00 AM
14th & C Streets, SW	30.50	08:07:59 AM	09:01:27 AM	07:52:50 AM	08:07:34 AM	07:38:42 AM	07:59:56 AM	08:00:34 AM	08:29:02 AM
Elapsed Times (entire route)		00:37:59	01:31:27	00:37:50	00:52:34	00:38:42	00:59:56	01:00:34	01:29:02
Average speeds (MPH - entire route)		48.11	20.01	48.31	34.79	47.24	30.51	30.20	20.55
Elapsed Times (HOV portion of route)		00:33:59	01:25:37	00:32:26	00:47:17	00:32:28	00:55:07	00:56:28	01:23:10
Average speeds (MPH - HOV portion of route)		48.65	19.33	51.02	35.01	50.96	30.04	29.31	19.91
Elapsed Times (HOV portion of route outside Beltway)		00:15:51	00:26:56	00:16:07	00:19:01	00:16:33	00:26:06	00:30:06	00:49:05
Average speeds (MPH - HOV portion of route outside Beltway)		67.92	40.02	66.98	56.79	65.13	41.37	35.87	22.00
Elapsed Times (HOV portion of route inside Beltway)		00:18:08	00:58:41	00:16:19	00:28:16	00:15:55	00:29:01	00:26:22	00:34:05
Average speeds (MPH - HOV portion of route inside Beltway)		31.75	9.81	35.26	20.37	36.07	19.85	21.83	16.90

Average speeds above are rounded to nearest 1/100's of a mile

I-95/I-395 (Northbound - A.M. Peak Direction)
Spring, 2010

Run Date: 24-Feb-10
Start Time: 06:45:00 AM

Run Date: 02-Mar-10
Start Time: 07:00:00 AM

Run Date: 23-Feb-10
Start Time: 07:00:00 AM

Run Date: 31-Mar-10
Start Time: 06:45:00 AM

Run Date: 27-Apr-10
Start Time: 07:45:00 AM

Landmarks	Mile Point	Times		Times		Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Ramp From VA 619 W to I-95 North	0.00	06:45:00 AM	06:45:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	06:45:00 AM	06:45:00 AM	07:45:00 AM	07:45:00 AM
Begin Barrier-separated HOV lanes	1.80	06:46:44 AM	06:46:54 AM	07:01:45 AM	07:01:44 AM	07:01:59 AM	07:01:50 AM	06:46:41 AM	06:46:37 AM	07:46:37 AM	07:46:37 AM
VA 234 Overpass	2.40	06:47:26 AM	06:47:15 AM	07:02:30 AM	07:02:15 AM	07:02:55 AM	07:02:15 AM	06:47:24 AM	06:47:24 AM	07:47:22 AM	07:47:15 AM
Dumfries Scales	3.60	06:48:50 AM	06:48:17 AM	07:05:30 AM	07:03:24 AM	07:03:30 AM	07:03:37 AM	06:48:30 AM	06:48:30 AM	07:48:27 AM	07:48:10 AM
VA 784 (Dale Boulevard)	6.10	06:49:57 AM	06:50:21 AM	07:05:30 AM	07:05:34 AM	07:05:40 AM	07:05:55 AM	06:50:44 AM	06:50:42 AM	07:49:31 AM	07:50:12 AM
VA 2000 (Opitz Boulevard)	6.70	06:51:37 AM	06:50:52 AM	07:06:05 AM	07:06:12 AM	07:06:15 AM	07:06:24 AM	06:51:14 AM	06:51:13 AM	07:51:18 AM	07:50:42 AM
VA 3000 (Prince William Parkway)	8.20	06:53:18 AM	06:52:41 AM	07:07:25 AM	07:07:32 AM	07:07:37 AM	07:07:45 AM	06:52:35 AM	06:53:30 AM	07:52:40 AM	07:51:55 AM
Occoquan River Bridge	10.50	06:53:34 AM	06:58:41 AM	07:09:42 AM	07:14:16 AM	07:11:57 AM	07:21:09 AM	06:54:31 AM	06:59:15 AM	07:54:50 AM	07:54:45 AM
VA 642 (Lorton Road)	13.20	06:56:05 AM	07:08:01 AM	07:11:54 AM	07:21:34 AM	07:13:02 AM	07:29:43 AM	06:57:09 AM	07:01:54 AM	07:57:46 AM	07:57:29 AM
VA 7100 (Fairfax County Parkway)	16.50	06:57:18 AM	07:13:05 AM	07:14:30 AM	07:25:14 AM	07:14:50 AM	07:31:14 AM	06:59:52 AM	07:07:47 AM	07:59:50 AM	08:03:42 AM
VA 644 (Franconia Road)	19.00	07:00:35 AM	07:16:59 AM	07:17:00 AM	07:27:49 AM	07:17:19 AM	07:42:31 AM	07:02:05 AM	07:10:42 AM	08:02:20 AM	08:08:29 AM
I-495 (Capital Beltway)	19.80	07:01:10 AM	07:22:22 AM	07:17:38 AM	07:29:52 AM	07:18:02 AM	07:45:56 AM	07:03:06 AM	07:12:54 AM	08:03:02 AM	08:14:40 AM
VA 648 (Edsall Road)	20.80	07:02:54 AM	07:31:32 AM	07:18:37 AM	07:31:12 AM	07:18:58 AM	07:51:06 AM	07:04:09 AM	07:16:19 AM	08:03:56 AM	08:19:50 AM
VA 234 (Duke Street)	22.50	07:04:17 AM	07:58:08 AM	07:20:15 AM	07:37:30 AM	07:19:55 AM	07:59:29 AM	07:05:20 AM	07:19:00 AM	08:05:22 AM	08:26:30 AM
Seminary Road	24.10	07:05:42 AM	08:17:04 AM	07:22:25 AM	07:43:48 AM	07:23:38 AM	08:05:04 AM	07:07:09 AM	07:22:29 AM	08:06:40 AM	08:36:50 AM
VA 7 (King Street)	25.00	07:07:00 AM	08:23:54 AM	07:24:10 AM	07:46:45 AM	07:27:12 AM	08:07:46 AM	07:07:55 AM	07:27:04 AM	08:07:27 AM	08:40:34 AM
VA 120 (Glebe Road)	26.30	07:09:14 AM	08:27:21 AM	07:27:25 AM	07:49:55 AM	07:30:16 AM	08:10:29 AM	07:09:11 AM	07:28:59 AM	08:09:34 AM	08:46:45 AM
Arlington Ridge Road	27.50	07:11:13 AM	08:36:02 AM	07:30:10 AM	07:51:38 AM	07:31:44 AM	08:13:40 AM	07:10:26 AM	07:29:15 AM	08:09:34 AM	08:50:58 AM
End HOV-restricted lanes											
Virginia End of the 14th Street Bridge	29.40	07:20:12 AM	08:58:14 AM	07:31:35 AM	07:56:10 AM	07:38:02 AM	08:38:52 AM	07:12:43 AM	07:35:26 AM	08:16:20 AM	09:09:35 AM
DC End of the 14th Street Bridge	29.80	07:19:40 AM	08:59:16 AM	07:34:15 AM	07:56:53 AM	07:37:02 AM	08:37:43 AM	07:13:31 AM	07:36:24 AM	08:17:04 AM	09:10:37 AM
14th & C Streets, SW	30.50	07:22:50 AM	09:02:14 AM	07:35:35 AM	07:58:17 AM	07:40:38 AM	08:41:37 AM	07:14:57 AM	07:37:40 AM	08:16:03 AM	09:12:20 AM
Elapsed Times (entire route)		00:37:50	02:17:14	00:35:35	00:58:17	00:40:38	01:41:37	00:29:57	00:52:40	00:31:03	01:27:20
Average speeds (MPH - entire route)		48.37	13.33	51.43	31.40	45.04	18.01	61.10	34.75	58.94	20.95
Elapsed Times (HOV portion of route)		00:33:28	02:11:20	00:29:50	00:54:26	00:36:03	01:37:02	00:26:02	00:48:49	00:29:43	01:22:58
Average speeds (MPH - HOV portion of route)		49.48	12.61	55.51	30.42	45.94	17.07	63.61	33.92	55.73	19.96
Elapsed Times (HOV portion of route outside Beltway)		00:14:26	00:35:28	00:15:53	00:28:08	00:16:03	00:44:06	00:16:25	00:26:17	00:16:25	00:28:03
Average speeds (MPH - HOV portion of route outside Beltway)		74.83	30.45	68.00	38.39	67.29	24.49	65.79	41.09	65.79	38.50
Elapsed Times (HOV portion of route inside Beltway)		00:19:02	01:35:52	00:13:57	00:26:18	00:20:00	00:52:56	00:09:37	00:22:32	00:13:18	00:54:55
Average speeds (MPH - HOV portion of route inside Beltway)		30.26	6.01	41.29	21.90	28.80	10.88	59.90	25.56	43.31	10.49

**Spring 2010
I-66 (Eastbound - A.M. Peak Direction)**

ENTIRE ROUTE		HOV	non-HOV	
Mean of Elapsed Times	35.3 miles	36.4 miles	1:14:11	1:51:01
Mean time savings				0:36:50
Standard Deviation of Elapsed Times			0:17:40	0:31:13
Average speeds			30	21
HOV PORTION OF ROUTE	28.38 miles	28.8 miles		
Mean of Elapsed Times			1:05:41	1:41:51
Mean time savings				0:36:10
Standard Deviation of Elapsed Times			0:17:41	0:29:23
Average speeds			31	20
HOV PORTION OF ROUTE (Concurrent-flow HOV, Outside I-495/Beltway)	17.88 miles	17.3 miles		
Mean of Elapsed Times			0:45:29	0:56:55
Mean time savings				0:11:26
Standard Deviation of Elapsed Times			0:12:11	0:17:13
Average speeds			30	24
HOV PORTION OF ROUTE (Exclusive HOV, Inside I-495/Beltway)	10.5 miles	11.5 miles		
Mean of Elapsed Times			0:20:12	0:44:55
Mean time savings				0:24:44
Standard Deviation of Elapsed Times			0:08:19	0:21:02
Average speeds			35	18

Average speeds are rounded to nearest mile

Spring 2010
I-66 (Eastbound - A.M. Peak Direction)

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Run Date: 24-Feb-10		Run Date: 02-Mar-10		Run Date: 30-Mar-10		Run Date: 04-Mar-10	
			Start Time: 07:00:00 AM		Start Time: 07:00:00 AM		Start Time: 07:15:00 AM		Start Time: 07:50:00 AM	
			Times (HOV)	Times (Non- HOV)	Times (HOV)	Times (Non- HOV)	Times (HOV)	Times (Non- HOV)	Times (HOV)	Times (Non- HOV)
U.S. 15	0.00	0.00	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:15:00 AM	07:15:00 AM	07:50:00 AM	07:50:00 AM
Carolina Road - Va. 625 Overpass	0.56	0.40	07:00:25 AM	07:00:39 AM	07:00:34 AM	07:00:27 AM	07:16:05 AM	07:15:40 AM	07:50:37 AM	07:50:50 AM
Gainesville Entrance ramp - U.S. 29 N to I-66 E (Begin concurrent-flow HOV lane)	2.60	2.60	07:01:36 AM	07:01:37 AM	07:02:27 AM	07:02:15 AM	07:18:00 AM	07:16:02 AM	07:52:21 AM	07:52:22 AM
Va. 234 Bypass (Prince William Parkway)	3.80	3.80	07:03:06 AM	07:03:07 AM	07:03:47 AM	07:03:25 AM	07:19:20 AM	07:17:32 AM	07:53:34 AM	07:53:52 AM
Va. 234 Business (Sudley Road)	4.05	4.00	07:03:47 AM	07:02:56 AM	07:03:55 AM	07:03:43 AM	07:19:35 AM	07:19:29 AM	07:53:51 AM	07:54:02 AM
Bull Run (Prince William Co./Fairfax Co. line)	6.32	6.90	07:06:59 AM	07:10:18 AM	07:06:15 AM	07:06:39 AM	07:22:08 AM	07:22:03 AM	07:56:20 AM	07:56:26 AM
U.S. 29 (at Centreville)	8.45	8.30	07:08:39 AM	07:13:58 AM	07:07:57 AM	07:10:01 AM	07:23:40 AM	07:23:34 AM	07:58:27 AM	08:01:25 AM
Va. 28 (Sully Road)	11.70	11.70	07:12:03 AM	07:18:48 AM	07:10:59 AM	07:13:28 AM	07:26:58 AM	07:26:53 AM	08:01:52 AM	08:09:20 AM
Va. 7100 (Fairfax Co. Parkway)	12.70	12.70	07:13:19 AM	07:20:44 AM	07:12:01 AM	07:15:32 AM	07:28:01 AM	07:28:00 AM	08:03:01 AM	08:10:45 AM
Monument Drive	15.20	15.20	07:15:33 AM	07:28:18 AM	07:15:50 AM	07:20:39 AM	07:30:15 AM	07:30:15 AM	08:05:10 AM	08:14:10 AM
U.S. 50 (Lee Jackson Highway)	16.60	16.60	07:24:10 AM	07:36:58 AM	07:20:15 AM	07:25:30 AM	07:31:30 AM	07:31:26 AM	08:06:28 AM	08:15:30 AM
Va. 123 (Chain Bridge Road)	17.50	17.50	07:32:58 AM	07:41:32 AM	07:24:25 AM	07:30:15 AM	07:32:25 AM	07:32:15 AM	08:08:40 AM	08:16:45 AM
Va. 243 (Nutley Street)	19.60	19.60	07:38:58 AM	07:50:46 AM	07:31:31 AM	07:38:20 AM	07:34:35 AM	07:34:32 AM	08:15:51 AM	08:25:10 AM
Va. 650 (Gallows Road)	21.90	21.90	07:44:38 AM	07:59:22 AM	07:36:40 AM	07:45:08 AM	07:38:15 AM	07:39:19 AM	08:28:13 AM	08:39:20 AM
(Non-HOV exit I-66 - enter I-495 S)	24.20	24.20	07:50:06 AM	08:26:00 AM	07:44:14 AM	07:48:45 AM	07:40:16 AM	07:41:37 AM	08:44:05 AM	08:57:00 AM
(End concurrent-flow HOV lane)	--	--	--	--	--	--	--	--	--	--
(Begin exclusive HOV facility)	--	--	--	--	--	--	--	--	--	--
I-495	24.50	--	07:50:46 AM	--	07:44:54 AM	--	07:40:34 AM	--	08:44:43 AM	--
U.S. 29 (Lee Highway)	--	24.90	--	08:27:00 AM	--	07:51:44 AM	--	07:42:49 AM	--	08:57:30 AM
(Non-HOV exit I-495 - enter U.S. 50 E)	--	--	--	--	--	--	--	--	--	--
Va. 7 (Leesburg Pike)	26.10	--	07:53:56 AM	--	07:46:37 AM	--	07:42:10 AM	--	08:46:16 AM	--
Va. 267 (Dulles Connector)	26.60	--	08:02:13 AM	--	07:47:08 AM	--	07:42:45 AM	--	08:46:40 AM	--
U.S. 29/Lee Highway Overpass	28.30	--	08:12:23 AM	--	07:50:50 AM	--	07:44:25 AM	--	08:51:04 AM	--
Va. 7247 (Jaguar Trail)	--	26.60	--	08:37:00 AM	--	07:53:14 AM	--	07:45:21 AM	--	09:00:00 AM
Va. 1720 (Graham Road)	--	27.30	--	08:39:00 AM	--	07:58:15 AM	--	07:49:03 AM	--	09:02:00 AM
Va. 649 (Annandale Road)	--	28.50	--	08:46:17 AM	--	08:05:32 AM	--	07:54:18 AM	--	09:08:00 AM
South Street	--	29.00	--	08:47:00 AM	--	08:06:20 AM	--	07:55:12 AM	--	09:09:00 AM
Va. 7 (Leesburg Pike)	--	29.50	--	08:47:56 AM	--	08:06:59 AM	--	07:55:53 AM	--	09:02:01 AM
Va. 120 (N. Glebe Road)	31.10	--	08:17:13 AM	--	07:55:04 AM	--	07:47:17 AM	--	08:55:08 AM	--
Va. 120 (Glebe Road)	--	32.60	--	08:52:18 AM	--	08:15:01 AM	--	08:04:44 AM	--	09:16:00 AM
U.S. 29/Lee Highway Underpass/Lyon Village	32.30	--	08:18:34 AM	--	07:56:10 AM	--	07:48:30 AM	--	08:57:06 AM	--
Va. 124 (Spout Run Parkway)	32.60	--	08:20:29 AM	--	07:56:31 AM	--	07:48:50 AM	--	08:58:06 AM	--
Rosslyn Tunnel	34.00	--	08:24:15 AM	--	07:57:40 AM	--	07:50:12 AM	--	09:01:39 AM	--
(End exclusive HOV facility east of Rosslyn Tunnel)	--	--	--	--	--	--	--	--	--	--
(Non-HOV Re-enter I-66 east of Rosslyn)	--	--	--	--	--	--	--	--	--	--
T. Roosevelt Bridge (Va. end)	34.70	35.70	08:28:10 AM	09:14:15 AM	07:57:59 AM	08:27:14 AM	07:51:20 AM	08:09:40 AM	09:06:45 AM	09:26:00 AM
T. Roosevelt Bridge (D.C. end)	35.10	36.10	08:29:36 AM	09:15:05 AM	07:59:28 AM	08:28:04 AM	07:52:45 AM	08:10:20 AM	09:08:19 AM	09:27:30 AM
23rd Street & Constitution Avenue, N.W.	35.30	36.40	08:32:17 AM	09:18:00 AM	08:00:29 AM	08:30:35 AM	07:56:20 AM	08:16:19 AM	09:12:52 AM	09:30:00 AM
Elapsed Times (entire route)			01:32:17	02:18:00	01:00:29	01:30:35	00:41:20	01:01:19	01:22:52	01:40:00
Average speeds (MPH - entire route)			22.95	15.83	35.02	24.11	51.24	35.62	25.56	21.84
Elapsed Times (concurrent-flow HOV outside Beltway)			00:47:00	01:22:53	00:40:27	00:45:20	00:20:56	00:24:05	00:50:31	01:03:08
Average speeds (MPH - concurrent-flow HOV outside Beltway)			26.04	14.77	30.26	27.00	58.47	50.82	24.23	19.39
Elapsed Times (exclusive HOV inside Beltway)			00:38:04	00:48:15	00:13:45	00:38:29	00:11:04	00:28:03	00:22:40	00:29:00
Average speeds (MPH - exclusive HOV inside Beltway)			16.55	14.30	45.82	17.93	56.93	24.60	27.79	23.79
Elapsed Times (HOV portion of route)			01:25:04	02:11:08	00:54:12	01:23:49	00:32:00	00:52:08	01:13:11	01:32:08
Average speeds (MPH - HOV portion of route)			21.79	14.14	34.21	22.12	57.94	35.56	25.33	20.12

Spring 2010
I-66 (Eastbound - A.M. Peak Direction)

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Run Date: 09-Mar-10		Run Date: 10-Mar-10		Run Date: 11-Mar-10		Run Date: 23-Feb-10	
			Start Time: 07:00:00 AM		Start Time: 07:00:00 AM		Start Time: 07:15:00 AM		Start Time: 07:00:00 AM	
			Times (HOV)	Times (Non- HOV)	Times (HOV)	Times (Non- HOV)	Times (HOV)	Times (Non- HOV)	Times (HOV)	Times (Non- HOV)
U.S. 15	0.00	0.00	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:15:00 AM	07:15:00 AM	07:00:00 AM	07:00:00 AM
Carolina Road - Va. 625 Overpass	0.56	0.40	07:00:37 AM	07:00:44 AM	07:00:25 AM	07:01:16 AM	07:15:34 AM	07:15:38 AM	07:00:32 AM	07:00:33 AM
Gainesville Entrance ramp - U.S. 29 N to I-66 E (Begin concurrent-flow HOV lane)	2.60	2.60	07:02:27 AM	07:02:37 AM	07:02:23 AM	07:03:06 AM	07:17:28 AM	07:17:59 AM	07:02:22 AM	07:02:36 AM
Va. 234 Bypass (Prince William Parkway)	3.80	3.80	07:03:47 AM	07:04:07 AM	07:03:43 AM	07:04:36 AM	07:18:48 AM	07:19:29 AM	07:03:42 AM	07:03:46 AM
Va. 234 Bypass (Prince William Parkway)	4.05	4.00	07:03:59 AM	07:04:24 AM	07:03:45 AM	07:04:43 AM	07:19:05 AM	07:19:10 AM	07:03:50 AM	07:04:02 AM
Va. 234 Business (Sudley Road)	6.32	6.90	07:07:01 AM	07:14:48 AM	07:06:30 AM	07:14:18 AM	07:21:46 AM	07:23:15 AM	07:07:00 AM	07:12:27 AM
Bull Run (Prince William Co./Fairfax Co. line)	8.45	8.30	07:09:02 AM	07:17:50 AM	07:08:30 AM	07:18:04 AM	07:23:26 AM	07:26:14 AM	07:08:41 AM	07:17:20 AM
U.S. 29 (at Centreville)	11.70	11.70	07:12:27 AM	07:23:21 AM	07:11:47 AM	07:21:29 AM	07:26:36 AM	07:30:50 AM	07:12:40 AM	07:21:58 AM
Va. 28 (Sully Road)	12.70	12.70	07:14:04 AM	07:25:54 AM	07:13:05 AM	07:24:00 AM	07:27:45 AM	07:32:10 AM	07:13:50 AM	07:23:24 AM
Va. 7100 (Fairfax Co. Parkway)	15.20	15.20	07:19:14 AM	07:29:42 AM	07:17:27 AM	07:25:15 AM	07:30:20 AM	07:34:45 AM	07:18:30 AM	07:25:58 AM
Monument Drive	16.60	16.60	07:23:58 AM	07:35:14 AM	07:23:20 AM	07:37:18 AM	07:32:32 AM	07:40:50 AM	07:24:20 AM	07:33:16 AM
U.S. 50 (Lee Jackson Highway)	17.50	17.50	07:29:50 AM	07:39:10 AM	07:25:15 AM	07:41:13 AM	07:38:30 AM	07:44:51 AM	07:31:05 AM	07:37:47 AM
Va. 123 (Chain Bridge Road)	19.60	19.60	07:35:00 AM	07:47:04 AM	07:33:40 AM	07:48:31 AM	07:42:30 AM	07:51:23 AM	07:38:15 AM	07:45:55 AM
Va. 243 (Nutley Street)	21.90	21.90	07:47:50 AM	08:03:00 AM	07:38:50 AM	07:55:00 AM	07:52:41 AM	08:02:38 AM	07:42:25 AM	07:54:35 AM
Va. 650 (Gallows Road)	24.20	24.20	08:07:52 AM	08:11:00 AM	07:51:00 AM	07:59:19 AM	08:09:32 AM	08:22:47 AM	07:46:35 AM	07:58:49 AM
<i>(Non-HOV exit I-66 - enter I-495 S)</i>	--	--								
(End concurrent-flow HOV lane)										
(Begin exclusive HOV facility)										
I-495	24.50	--	08:08:47 AM	--	07:51:20 AM	--	08:10:08 AM	--	07:47:00 AM	--
U.S. 29 (Lee Highway)	--	24.90	--	08:18:00 AM	--	08:05:21 AM	--	08:23:55 AM	--	08:00:08 AM
<i>(Non-HOV exit I-495 - enter U.S. 50 E)</i>	--	--								
Va. 7 (Leesburg Pike)	26.10	--	08:10:27 AM	--	07:53:00 AM	--	08:11:46 AM	--	07:48:30 AM	--
Va. 267 (Dulles Connector)	26.60	--	08:11:39 AM	--	07:53:50 AM	--	08:13:12 AM	--	07:49:02 AM	--
U.S. 29/Lee Highway Overpass	28.30	--	08:20:36 AM	--	07:58:00 AM	--	08:21:07 AM	--	07:55:45 AM	--
Va. 7247 (Jaguar Trail)	--	26.60	--	08:20:00 AM	--	08:08:36 AM	--	08:28:45 AM	--	08:10:00 AM
Va. 1720 (Graham Road)	--	27.30	--	08:22:00 AM	--	08:10:05 AM	--	08:35:52 AM	--	08:15:00 AM
Va. 649 (Annandale Road)	--	28.50	--	08:28:00 AM	--	08:15:32 AM	--	08:43:35 AM	--	08:22:00 AM
South Street	--	29.00	--	08:28:55 AM	--	08:17:17 AM	--	08:45:05 AM	--	08:33:00 AM
Va. 7 (Leesburg Pike)	--	29.50	--	08:29:30 AM	--	08:17:57 AM	--	08:46:51 AM	--	08:40:00 AM
Va. 120 (N. Glebe Road)	31.10	--	08:24:40 AM	--	08:01:40 AM	--	08:25:51 AM	--	08:00:45 AM	--
Va. 120 (Glebe Road)	--	32.60	--	08:36:00 AM	--	08:25:45 AM	--	08:54:07 AM	--	08:54:00 AM
U.S. 29/Lee Highway Underpass/Lyon Village	32.30	--	08:25:55 AM	--	08:03:17 AM	--	08:27:07 AM	--	08:02:05 AM	--
Va. 124 (Spout Run Parkway)	32.60	--	08:26:11 AM	--	08:03:40 AM	--	08:27:22 AM	--	08:02:25 AM	--
Rosslyn Tunnel	34.00	--	08:27:34 AM	--	08:04:55 AM	--	08:28:51 AM	--	08:03:55 AM	--
(End exclusive HOV facility east of Rosslyn Tunnel)										
<i>(Non-HOV Re-enter I-66 east of Rosslyn)</i>	--	--								
T. Roosevelt Bridge (Va. end)	34.70	35.70	08:30:26 AM	08:52:00 AM	08:06:15 AM	08:42:42 AM	08:29:19 AM	08:59:50 AM	08:05:00 AM	09:33:00 AM
T. Roosevelt Bridge (D.C. end)	35.10	36.10	08:31:51 AM	08:53:00 AM	08:07:15 AM	08:43:46 AM	08:32:45 AM	09:05:45 AM	08:08:00 AM	09:38:00 AM
23rd Street & Constitution Avenue, N.W.	35.30	36.40	08:35:07 AM	08:55:00 AM	08:09:26 AM	08:44:24 AM	08:35:57 AM	09:07:52 AM	08:11:00 AM	09:46:00 AM
Elapsed Times (entire route)			01:35:07	01:55:00	01:09:26	01:44:24	01:20:57	01:52:52	01:11:00	02:46:00
Average speeds (MPH - entire route)			22.27	18.99	30.50	20.92	26.16	19.35	29.83	13.16
Elapsed Times (concurrent-flow HOV outside Beltway)			01:04:05	01:06:53	00:47:17	00:54:43	00:50:44	01:03:18	00:42:53	00:55:03
Average speeds (MPH - concurrent-flow HOV outside Beltway)			19.10	18.30	25.89	22.37	24.13	19.34	28.54	22.23
Elapsed Times (exclusive HOV inside Beltway)			00:22:34	00:41:00	00:15:15	00:43:23	00:19:47	00:37:03	00:18:25	01:34:11
Average speeds (MPH - exclusive HOV inside Beltway)			27.92	16.83	41.31	15.90	31.84	18.62	34.21	7.33
Elapsed Times (HOV portion of route)			01:06:39	01:47:53	01:02:32	01:38:06	01:10:31	01:40:21	01:01:18	02:29:14
Average speeds (MPH - HOV portion of route)			21.40	17.19	29.65	18.90	26.29	18.48	30.24	12.42

Spring, 2010

I-66/VA.267(Dulles Toll Road) (A.M. Peak Direction- Eastbound)

ENTIRE ROUTE (Includes I-66 HOV inside Beltway)	23.4 miles	24.6 miles	HOV	non-HOV	
Mean of Elapsed Times			0:47:05	1:17:13	
Mean time savings					0:30:08
Standard Deviation of Elapsed Times			0:07:09	0:16:25	
Average speeds			29	20	
HOV PORTION OF ROUTE (Va. 267 & Dulles Connector)	14.9 miles	10.6 miles			
Mean of Elapsed Times			0:24:32	0:31:33	
Mean time savings					0:07:01
Standard Deviation of Elapsed Times			0:07:01	0:16:54	
Average speeds			29	25	
INSIDE BELTWAY (I-66 (Dulles Connector to T.R. Bridge))	7.1 miles	--			
Mean of Elapsed Times			0:17:13	--	--
Standard Deviation of Elapsed Times			0:02:57	--	
Average speeds			27	--	

Average speeds are rounded to nearest whole number

Spring, 2010

I-66/VA.267(Dulles Toll Road) (A.M. Peak Direction- Eastbound)

Run Date: 10-Mar-10 Start Time: 07:00:00 AM Run Date: 11-Mar-10 Start Time: 07:15:00 AM Run Date: 09-Mar-10 Start Time: 07:00:00 AM Run Date: 24-Feb-10 Start Time: 07:00:00 AM

Landmarks	HOV Mile Point	Non-HOV Mile Point	Times		Times		Times		Times	
			(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Va. 28/Sully Road Toll Plaza	0.00	0.00	07:00:00 AM	07:00:00 AM	07:15:00 AM	07:15:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM
Va. 657	0.90	0.90	07:01:02 AM	07:03:20 AM	07:16:04 AM	07:18:17 AM	07:01:43 AM	07:06:52 AM	07:01:10 AM	07:01:46 AM
Va. 7100- Fairfax Co. Parkway	2.50	2.50	07:02:54 AM	07:06:01 AM	07:17:54 AM	07:19:59 AM	07:05:07 AM	07:13:59 AM	07:03:30 AM	07:06:33 AM
Va. 602- Reston Parkway	3.50	3.50	07:04:15 AM	07:07:28 AM	07:19:42 AM	07:22:37 AM	07:08:22 AM	07:16:58 AM	07:06:50 AM	07:09:16 AM
Va. 828- Wiehle Avenue	4.60	4.60	07:06:35 AM	07:11:07 AM	07:21:24 AM	07:24:40 AM	07:10:53 AM	07:20:56 AM	07:09:25 AM	07:12:32 AM
Va. 674- Hunter Mill Road	6.00	6.00	07:09:14 AM	07:14:42 AM	07:25:14 AM	07:28:14 AM	07:14:20 AM	07:25:00 AM	07:12:40 AM	07:17:31 AM
Va. 7- Leesburg Pike	9.80	9.80	07:14:20 AM	07:21:07 AM	07:31:28 AM	07:35:24 AM	07:19:57 AM	07:32:59 AM	07:20:15 AM	07:24:38 AM
Va. 684- Spring Hill Road	10.60	10.60	07:15:52 AM	07:22:37 AM	07:32:36 AM	07:36:52 AM	07:21:30 AM	07:34:38 AM	07:21:50 AM	07:26:03 AM
<i>Non-HOV Leave Va. 267 - Enter I-495 N to G.W. Mem. Pkwy.</i>	--	--								
Va. 123- Dolley Madison Boulevard	12.40	--	07:18:39 AM	--	07:36:46 AM	--	07:24:09 AM	--	07:24:20 AM	--
End Dulles Connector - begin I-66	14.90	--	07:19:42 AM	--	07:37:52 AM	--	07:27:28 AM	--	07:28:20 AM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	16.90	--	07:33:25 AM	--	07:48:40 AM	--	07:47:01 AM	--	07:36:49 AM
Va. 124- Spout Run	20.60	--	07:28:13 AM	--	07:50:47 AM	--	07:36:17 AM	--	07:41:40 AM	--
T. Roosevelt Bridge(Va. End)	22.70	--	07:30:41 AM	--	07:54:52 AM	--	07:38:56 AM	--	07:45:00 AM	--
<i>HOV and Non-HOV routes converge on T.R. Bridge</i>	--	--								
T. Roosevelt Bridge(D.C. End)	23.10	24.40	07:32:24 AM	07:54:01 AM	07:56:25 AM	08:14:51 AM	07:41:26 AM	08:30:28 AM	07:46:40 AM	08:13:41 AM
23rd Street & Constitution Avenue, N.W.	23.40	24.60	07:35:20 AM	07:57:19 AM	07:59:56 AM	08:17:00 AM	07:44:27 AM	08:33:08 AM	07:50:50 AM	08:17:29 AM
Elapsed Times (entire route)			00:35:20	00:57:19	00:44:56	01:02:00	00:44:27	01:33:08	00:50:50	01:17:29
Average speeds (MPH - entire route)			39.74	25.75	31.25	23.81	31.59	15.85	27.62	19.05
Elapsed Times (HOV portion of route)			00:19:42	00:10:48	00:17:36	00:21:52	00:21:30	00:34:38	00:21:50	00:26:03
Average speeds (MPH - HOV portion of route)			45.38	58.89	36.14	29.09	29.58	18.36	29.13	24.41
Elapsed Times (I-66 portion only)			00:15:38	--	00:22:04	--	00:16:59	--	00:22:30	--
Average speeds (I-66 portion only)			32.62	--	23.11	--	30.03	--	22.67	--
All runs made with E-ZPass (electronic toll payment)										

Average speeds are rounded to nearest whole number

Spring, 2010

I-66/VA.267(Dulles Toll Road) (A.M. Peak Direction- Eastbound)

Landmarks	HOV Mile Point	Non- HOV Mile Point	Run Date: 2-Mar-10		Run Date: 16-Mar-10		Run Date: 17-Mar-10	
			Start Time:	7:00:00 AM	Start Time:	6:45:00 AM	Start Time:	6:45:00 AM
			Times	Times	Times	Times	Times	Times
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
Va. 28/Sully Road Toll Plaza	0.00	0.00	7:00:00 AM	7:00:00 AM	6:45:00 AM	6:45:00 AM	6:45:00 AM	6:45:00 AM
Va. 657	0.90	0.90	7:01:17 AM	7:01:49 AM	6:46:42 AM	6:46:05 AM	6:46:02 AM	6:46:12 AM
Va. 7100- Fairfax Co. Parkway	2.50	2.50	7:03:28 AM	7:16:49 AM	6:52:21 AM	6:50:40 AM	6:47:34 AM	6:47:38 AM
Va. 602- Reston Parkway	3.50	3.50	7:10:11 AM	7:28:01 AM	6:55:15 AM	6:55:44 AM	6:48:36 AM	6:48:37 AM
Va. 828- Wiehle Avenue	4.60	4.60	7:18:16 AM	7:38:15 AM	6:59:24 AM	7:02:36 AM	6:49:55 AM	6:50:11 AM
Va. 674- Hunter Mill Road	6.00	6.00	7:27:01 AM	7:49:42 AM	7:03:10 AM	7:09:39 AM	6:51:40 AM	6:52:29 AM
Va. 7- Leesburg Pike	9.80	9.80	7:37:36 AM	8:00:10 AM	7:11:57 AM	7:18:36 AM	6:56:13 AM	6:58:29 AM
Va. 684- Spring Hill Road	10.60	10.60	7:38:30 AM	8:00:42 AM	7:13:04 AM	7:20:14 AM	6:57:41 AM	7:00:14 AM
<i>Non-HOV Leave Va. 267 - Enter I-495 N to G.</i>	--	--						
Va. 123- Dolley Madison Boulevard	12.40	--	7:40:09 AM	--	7:14:57 AM	--	6:59:47 AM	--
End Dulles Connector - begin I-66	14.90	--	7:42:28 AM	--	7:17:33 AM	--	7:02:25 AM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	16.90	--	8:09:01 AM	--	7:30:22 AM	--	7:09:03 AM
Va. 124- Spout Run	20.60	--	7:53:10 AM	--	7:26:36 AM	--	7:09:17 AM	--
T. Roosevelt Bridge(Va. End)	22.70	--	7:56:09 AM	--	7:28:56 AM	--	7:10:58 AM	--
<i>HOV and Non-HOV routes converge on T.R. E</i>	--	--						
T. Roosevelt Bridge(D.C. End)	23.10	24.40	7:57:02 AM	8:32:36 AM	7:30:04 AM	7:56:50 AM	7:12:06 AM	7:19:03 AM
23rd Street & Constitution Avenue, N.W.	23.40	24.60	7:59:01 AM	8:38:40 AM	7:32:56 AM	7:59:40 AM	7:13:52 AM	7:21:15 AM
Elapsed Times (entire route)			0:59:01	38:40.0	47:56.0	14:40.0	28:52.0	36:15.0
Average speeds (MPH - entire route)			6:57:36 PM	02:24.0	57:36.0	28:48.0	21:36.0	16:48.0
Elapsed Times (HOV portion of route)			0:38:30	00:42.0	28:04.0	35:14.0	12:41.0	15:14.0
Average speeds (MPH - HOV portion of route)			12:28:48	31:12.0	50:24.0	12:00.0	21:36.0	00:00.0
Elapsed Times (I-66 portion only)			16:33.0	--	15:23.0	--	11:27.0	--
Average speeds (I-66 portion only)			40:48.0	--	36:00.0	--	57:36.0	--

All runs made with E-ZPass (electronic toll payment)

Spring, 2010
I-270 (A.M. Peak Direction - Southbound)

ENTIRE ROUTE		HOV	non-HOV	
Mean of Elapsed Times	24.1 miles	00:36:58	00:42:30	
Mean time savings				00:05:31
Standard Deviation of Elapsed Times		00:06:19	00:08:16	
Average speeds		40	35	
HOV PORTION OF ROUTE	8.8 miles			
Mean of Elapsed Times		00:12:29	00:18:02	
Mean time savings				00:05:32
Standard Deviation of Elapsed Times		00:02:47	00:02:34	
Average speeds		44	30	

Average speeds above are rounded to nearest mile

Spring, 2010
I-270 (A.M. Peak Direction - Southbound)

Landmarks	Mile Point	Run Date: 16-Mar-10		Run Date: 23-Mar-10		Run Date: 17-Mar-10		Run Date: 30-Mar-10	
		Start Time: 06:45:00 AM		Start Time: 07:30:00 AM		Start Time: 06:45:00 AM		Start Time: 07:00:00 AM	
		Times		Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	06:45:00 AM	06:45:00 AM	07:30:00 AM	07:30:00 AM	06:45:00 AM	06:45:00 AM	07:00:00 AM	07:00:00 AM
Hyattstown scales	1.50	06:47:33 AM	06:48:30 AM	07:31:55 AM	07:31:54 AM	06:48:34 AM	06:48:25 AM	07:02:42 AM	07:02:26 AM
Md. 121	3.90	06:50:35 AM	06:51:53 AM	07:34:27 AM	07:34:34 AM	06:51:35 AM	06:51:27 AM	07:05:54 AM	07:04:57 AM
Md. 27 (Father Hurley Blvd.)	6.50	06:53:04 AM	06:54:34 AM	07:37:40 AM	07:37:41 AM	06:54:45 AM	06:54:40 AM	07:07:10 AM	07:07:26 AM
Md. 118 (Germantown Rd.)	7.50	06:57:13 AM	06:57:14 AM	07:41:05 AM	07:41:08 AM	06:57:25 AM	06:57:17 AM	07:08:16 AM	07:08:21 AM
Middlebrook Rd.	8.30	07:00:14 AM	06:59:15 AM	07:43:36 AM	07:43:33 AM	06:58:45 AM	06:58:20 AM	07:08:57 AM	07:08:59 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:03:47 AM	07:06:16 AM	07:49:55 AM	07:49:55 AM	07:03:35 AM	07:00:50 AM	07:13:20 AM	07:13:09 AM
Md. 117 (Clopper Rd.)	11.50	07:05:21 AM	07:06:32 AM	07:51:00 AM	07:51:03 AM	07:04:20 AM	07:01:30 AM	07:14:10 AM	07:13:59 AM
Begin Concurrent-flow HOV									
I-370 (Sam Eig Hwy.)	13.00	07:07:38 AM	07:08:50 AM	07:52:23 AM	07:52:40 AM	07:05:58 AM	07:14:33 AM	07:14:56 AM	07:15:55 AM
Shady Grove Rd.	13.90	07:10:43 AM	07:10:59 AM	07:54:33 AM	07:57:18 AM	07:06:58 AM	07:14:40 AM	07:16:37 AM	07:17:01 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:13:35 AM	07:14:40 AM	07:58:28 AM	08:02:31 AM	07:12:07 AM	07:20:25 AM	07:19:02 AM	07:20:27 AM
Md. 189 (Falls Rd.)	16.80	07:15:17 AM	07:16:14 AM	07:59:27 AM	08:04:02 AM	07:16:57 AM	07:22:49 AM	07:19:58 AM	07:21:36 AM
Montrose Rd.	18.20	07:17:32 AM	07:18:23 AM	08:01:21 AM	08:06:42 AM	07:18:16 AM	07:26:10 AM	07:21:32 AM	07:23:54 AM
Tuckerman Lane (I-270 "split")	19.60	07:19:31 AM	07:20:13 AM	08:02:53 AM	08:08:27 AM	07:20:28 AM	07:27:53 AM	07:23:32 AM	07:25:31 AM
Md. 187 (Old Georgetown Rd.)	20.80	07:22:05 AM	07:21:25 AM	08:04:06 AM	08:09:57 AM	07:21:32 AM	07:29:45 AM	07:24:42 AM	07:28:23 AM
End HOV									
Md. 355/I-495 "split"	22.20	07:23:15 AM	07:22:53 AM	08:07:12 AM	08:12:20 AM	07:23:58 AM	07:31:24 AM	07:26:06 AM	07:30:12 AM
Exit 33 to Md. 185 (Connecticut Ave.)	24.10	07:24:10 AM	07:25:32 AM	08:13:31 AM	08:19:28 AM	07:27:10 AM	07:35:31 AM	07:28:21 AM	07:35:16 AM
Elapsed Times (entire route)		00:39:10	00:40:32	00:43:31	00:49:28	00:42:10	00:50:31	00:28:21	00:35:16
Average speeds (MPH - entire route)		36.92	35.67	33.23	29.23	34.29	28.62	51.01	41.00
Elapsed Times (HOV portion of route)		00:15:26	00:17:39	00:12:42	00:20:46	00:16:42	00:19:48	00:10:00	00:16:11
Average speeds (MPH - HOV portion of route)		34.21	29.92	41.57	25.43	31.62	26.67	52.80	32.63

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2010
 I-270 (A.M. Peak Direction - Southbound)

Run Date: 31-Mar-10 Run Date: 25-Mar-10 Run Date: 24-Mar-10
 Start Time: 07:00:00 AM Start Time: 06:45:00 AM Start Time: 06:30:00 AM

Landmarks	Mile Point	Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	07:00:00 AM	07:00:00 AM	06:45:00 AM	06:45:00 AM	06:30:00 AM	06:30:00 AM
Hyattstown scales	1.50	07:01:35 AM	07:01:42 AM	06:47:16 AM	06:48:06 AM	06:32:00 AM	06:31:02 AM
Md. 121	3.90	07:03:45 AM	07:03:54 AM	06:50:18 AM	06:51:01 AM	06:34:42 AM	06:34:47 AM
Md. 27 (Father Hurley Blvd.)	6.50	07:06:45 AM	07:06:55 AM	06:56:22 AM	06:57:20 AM	06:38:15 AM	06:38:42 AM
Md. 118 (Germantown Rd.)	7.50	07:09:05 AM	07:09:10 AM	07:00:11 AM	06:59:10 AM	06:41:40 AM	06:41:52 AM
Middlebrook Rd.	8.30	07:10:07 AM	07:10:24 AM	07:02:34 AM	07:03:41 AM	06:42:58 AM	06:43:12 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:13:20 AM	07:13:28 AM	07:08:41 AM	07:09:54 AM	06:48:20 AM	06:48:36 AM
Md. 117 (Clopper Rd.)	11.50	07:14:25 AM	07:14:29 AM	07:09:33 AM	07:11:00 AM	06:48:55 AM	06:49:41 AM
Begin Concurrent-flow HOV							
I-370 (Sam Eig Hwy.)	13.00	07:15:55 AM	07:16:05 AM	07:11:59 AM	07:14:10 AM	06:51:00 AM	06:51:15 AM
Shady Grove Rd.	13.90	07:17:35 AM	07:16:24 AM	07:13:40 AM	07:17:48 AM	06:52:05 AM	06:58:36 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:19:20 AM	07:18:44 AM	07:17:51 AM	07:22:57 AM	06:54:10 AM	06:57:40 AM
Md. 189 (Falls Rd.)	16.80	07:20:22 AM	07:22:11 AM	07:19:00 AM	07:24:11 AM	06:55:45 AM	06:58:57 AM
Montrose Rd.	18.20	07:21:52 AM	07:24:14 AM	07:20:45 AM	07:26:39 AM	06:57:18 AM	07:00:55 AM
Tuckerman Lane (I-270 "split")	19.60	07:23:10 AM	07:25:41 AM	07:22:38 AM	07:28:27 AM	06:58:52 AM	07:03:14 AM
Md. 187 (Old Georgetown Rd.)	20.80	07:24:28 AM	07:27:14 AM	07:23:39 AM	07:29:45 AM	07:00:00 AM	07:04:20 AM
End HOV							
Md. 355/I-495 "split"	21.80	07:25:20 AM	07:30:24 AM	07:24:46 AM	07:35:12 AM	07:01:23 AM	07:07:41 AM
Md. 355/I-495 "split"	22.20	07:25:40 AM	07:29:05 AM	07:25:24 AM	07:35:05 AM	07:01:45 AM	07:07:07 AM
Exit 33 to Md. 185 (Connecticut Ave.)	24.10	07:29:40 AM	07:30:29 AM	07:27:10 AM	07:36:51 AM	07:03:45 AM	07:09:20 AM
Elapsed Times (entire route)		00:29:40	00:30:29	00:42:10	00:51:51	00:33:45	00:39:20
Average speeds (MPH - entire route)		48.74	47.44	34.29	27.89	42.84	36.76
Elapsed Times (HOV portion of route)		00:09:25	00:14:19	00:12:47	00:21:02	00:10:23	00:16:26
Average speeds (MPH - HOV portion of route)		56.07	36.88	41.30	25.10	50.85	32.13

Spring, 2010
I-270 Spur (A.M. Peak Direction - Southbound)

ENTIRE ROUTE		HOV	non-HOV	
Mean of Elapsed Times	23 miles	00:40:58	00:39:36	
Mean time savings				00:01:22
Standard Deviation of Elapsed Times		00:06:31	00:17:39	
Average speeds		42	37	
HOV PORTION OF ROUTE				
Mean of Elapsed Times	8.6 miles	00:11:35	00:16:09	
Mean time savings				00:04:33
Standard Deviation of Elapsed Times		00:02:37	00:04:07	
Average speeds		46	34	

Average speeds below are rounded to nearest mile

Average speeds are rounded to nearest whole number

I-270 Spur (A.M. Peak Direction - Southbound)

Run Date: 24-Mar-10
Start Time: 06:30:00 AM

Run Date: 31-Mar-10
Start Time: 07:00:00 AM

Run Date: 30-Mar-10
Start Time: 07:10:00 AM

Landmarks	Mile Point	Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	06:30:00 AM	06:30:00 AM	07:00:00 AM	07:00:00 AM	07:10:00 AM	07:10:00 AM
Hyattstown scales	1.50	06:32:05 AM	06:32:04 AM	07:01:50 AM	07:01:46 AM	07:11:40 AM	07:11:36 AM
Md. 121	3.90	06:34:45 AM	06:34:45 AM	07:03:58 AM	07:02:51 AM	07:14:00 AM	07:13:50 AM
Md. 27 (Father Hurley Blvd.)	6.60	06:38:15 AM	06:38:16 AM	07:06:50 AM	07:05:57 AM	07:16:10 AM	07:16:05 AM
Md. 118 (Germantown Rd.)	7.60	06:41:43 AM	06:41:56 AM	07:09:08 AM	07:08:10 AM	07:17:09 AM	07:16:51 AM
Middlebrook Rd.	8.30	06:43:00 AM	06:43:15 AM	07:10:20 AM	07:09:20 AM	07:18:30 AM	07:17:16 AM
Md. 124 (Quince Orchard Rd.)	10.80	06:48:24 AM	06:48:32 AM	07:13:32 AM	07:12:05 AM	07:21:15 AM	07:20:09 AM
Md. 117 (Clopper Rd.)	11.50	06:49:10 AM	06:49:42 AM	07:14:31 AM	07:13:18 AM	07:22:20 AM	07:20:59 AM
Begin Concurrent-flow HOV							
I-370 (Sam Eig Hwy.)	13.00	06:50:13 AM	06:51:06 AM	07:15:58 AM	07:14:45 AM	07:23:45 AM	07:22:12 AM
Shady Grove Rd.	13.90	06:52:12 AM	06:52:42 AM	07:17:53 AM	07:16:19 AM	07:24:35 AM	07:22:56 AM
Md. 28 (W. Montgomery Ave.)	15.90	06:54:45 AM	06:57:29 AM	07:19:40 AM	07:17:58 AM	07:25:30 AM	07:27:33 AM
Md. 189 (Falls Rd.)	16.80	06:55:45 AM	06:58:46 AM	07:20:44 AM	07:20:35 AM	07:26:22 AM	07:28:42 AM
Montrose Rd.	18.20	06:57:18 AM	07:00:47 AM	07:22:14 AM	07:22:40 AM	07:28:40 AM	07:31:26 AM
Tuckerman Lane (I-270 "split")	19.60	06:58:52 AM	07:03:04 AM	07:23:34 AM	07:24:10 AM	07:29:51 AM	07:32:59 AM
Democracy Blvd.	20.70	07:00:05 AM	07:05:11 AM	07:24:27 AM	07:25:02 AM	07:31:00 AM	07:34:11 AM
End HOV		-		-		-	
End I-270 spur - begin I-495	21.60	07:00:58 AM	07:05:40 AM	07:25:50 AM	07:26:10 AM	07:32:31 AM	07:35:01 AM
Md. 191 (Bradley Blvd.)	21.70	07:01:05 AM	07:06:10 AM	07:27:30 AM	07:26:30 AM	07:32:51 AM	07:35:15 AM
Md. 190 (River Road)	23.00	07:02:09 AM	07:07:50 AM	07:29:49 AM	07:27:40 AM	07:34:22 AM	07:37:12 AM
Elapsed Times (entire route)		00:32:09	00:37:50	00:29:49	00:27:40	00:24:22	00:27:12
Average speeds (MPH - entire route)		42.92	36.48	46.28	49.88	56.63	50.74
Elapsed Times (HOV portion of route)		00:10:45	00:14:34	00:09:52	00:11:25	00:08:46	00:12:49
Average speeds (MPH - HOV portion of route)		48.00	35.42	52.30	45.20	58.86	40.26

Average speeds above are rounded to nearest 1/100's of a mile

I-270 Spur (A.M. Peak Direction - Southbound)

Run Date: 23-Mar-10
Start Time: 07:30:00 AM

Run Date: 17-Mar-10
Start Time: 06:45:00 AM

Run Date: 25-Mar-10
Start Time: 06:45:00 AM

Landmarks	Mile Point	Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	07:30:00 AM	07:30:00 AM	06:45:00 AM	06:45:00 AM	06:45:00 AM	06:45:00 AM
Hyattstown scales	1.50	07:31:35 AM	07:31:45 AM	06:47:54 AM	06:47:20 AM	06:48:21 AM	06:47:37 AM
Md. 121	3.90	07:34:13 AM	07:34:30 AM	06:51:26 AM	06:49:42 AM	06:51:01 AM	06:50:24 AM
Md. 27 (Father Hurley Blvd.)	6.60	07:37:28 AM	07:37:40 AM	06:55:07 AM	06:55:00 AM	06:57:09 AM	06:56:50 AM
Md. 118 (Germantown Rd.)	7.60	07:40:52 AM	07:41:50 AM	06:57:40 AM	06:57:41 AM	07:00:50 AM	07:00:39 AM
Middlebrook Rd.	8.30	07:43:21 AM	07:43:40 AM	06:58:58 AM	06:59:10 AM	07:03:10 AM	07:03:18 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:49:40 AM	07:49:50 AM	07:04:14 AM	07:04:32 AM	07:09:15 AM	07:06:06 AM
Md. 117 (Clopper Rd.)	11.50	07:50:50 AM	07:50:55 AM	07:05:12 AM	07:05:45 AM	07:10:12 AM	07:09:10 AM
Begin Concurrent-flow HOV							
I-370 (Sam Eig Hwy.)	13.00	07:52:23 AM	07:52:20 AM	07:07:18 AM	07:09:42 AM	07:13:00 AM	07:13:51 AM
Shady Grove Rd.	13.90	07:53:10 AM	07:54:45 AM	07:10:00 AM	07:11:20 AM	07:14:32 AM	07:15:10 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:55:20 AM	07:57:05 AM	07:16:06 AM	07:20:15 AM	07:18:33 AM	07:21:08 AM
Md. 189 (Falls Rd.)	16.80	07:57:50 AM	08:03:50 AM	07:17:41 AM	07:23:36 AM	07:19:45 AM	07:23:15 AM
Montrose Rd.	18.20	08:01:01 AM	08:06:30 AM	07:19:56 AM	07:27:35 AM	07:21:37 AM	07:26:07 AM
Tuckerman Lane (I-270 "split")	19.60	08:02:45 AM	08:08:20 AM	07:21:42 AM	07:29:30 AM	07:23:08 AM	07:27:59 AM
Democracy Blvd.	20.70	08:03:41 AM	08:09:40 AM	07:22:58 AM	07:30:56 AM	07:24:22 AM	07:28:50 AM
End HOV		-		-		-	
End I-270 spur - begin I-495	21.60	08:04:30 AM	08:12:15 AM	07:23:36 AM	07:31:42 AM	07:24:43 AM	07:30:00 AM
Md. 191 (Bradley Blvd.)	21.70	08:04:47 AM	08:13:25 AM	07:23:44 AM	07:32:20 AM	07:25:06 AM	07:30:50 AM
Md. 190 (River Road)	23.00	08:07:10 AM	08:17:48 AM	07:25:05 AM	07:33:55 AM	07:26:13 AM	07:33:10 AM
Elapsed Times (entire route)		00:37:10	00:47:48	00:40:05	00:48:55	00:41:13	00:48:10
Average speeds (MPH - entire route)		37.13	28.87	34.43	28.21	33.48	28.65
Elapsed Times (HOV portion of route)		00:12:07	00:19:55	00:16:18	00:22:00	00:11:43	00:16:09
Average speeds (MPH - HOV portion of route)		42.59	25.91	31.66	23.45	44.04	31.95

Spring, 2010
 U.S.50 (A.M. Peak Direction- Westbound)

Run Date: 25-Mar-10 Start Time: 07:00:00 AM
 Run Date: 24-Mar-10 Start Time: 07:00:00 AM
 Run Date: 23-Mar-10 Start Time: 07:00:00 AM
 Run Date: 23-Mar-10 Start Time: 07:00:00 AM
 Run Date: 23-Feb-10 Start Time: 06:45:00 AM

Landmarks	Mile Point	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM	06:45:00 AM
Patuxent River Bridge	2.30	07:02:47 AM	07:02:39 AM	07:02:37 AM	07:02:48 AM	07:02:38 AM	07:02:52 AM	07:02:38 AM	07:02:52 AM	07:02:38 AM	06:47:59 AM
Begin HOV lane on left	3.20	07:03:44 AM	07:03:33 AM	07:03:33 AM	07:03:40 AM	07:03:21 AM	07:03:35 AM	07:03:21 AM	07:03:35 AM	07:03:21 AM	06:47:59 AM
U.S.301/Md. 301	3.60	07:04:25 AM	07:03:47 AM	07:03:49 AM	07:03:58 AM	07:03:45 AM	07:04:02 AM	07:03:45 AM	07:04:02 AM	07:03:45 AM	06:48:39 AM
Md. 197	5.00	07:05:08 AM	07:05:01 AM	07:04:54 AM	07:05:10 AM	07:04:58 AM	07:05:15 AM	07:04:58 AM	07:05:15 AM	07:04:58 AM	06:49:51 AM
Church Road	6.60	07:06:38 AM	07:06:29 AM	07:06:22 AM	07:06:30 AM	07:06:20 AM	07:07:18 AM	07:06:20 AM	07:07:18 AM	07:06:20 AM	06:51:15 AM
Enterprise Road	8.20	07:08:01 AM	07:07:50 AM	07:07:45 AM	07:08:25 AM	07:07:46 AM	07:09:13 AM	07:07:46 AM	07:09:13 AM	07:07:46 AM	06:52:20 AM
Lottsford Vista Road	9.70	07:09:20 AM	07:09:10 AM	07:08:59 AM	07:09:58 AM	07:09:05 AM	07:10:34 AM	07:09:05 AM	07:10:34 AM	07:09:05 AM	06:53:55 AM
Md. 704(Martin Luther King, Jr. Highway)	10.70	07:10:32 AM	07:10:03 AM	07:09:50 AM	07:10:59 AM	07:09:55 AM	07:11:31 AM	07:09:55 AM	07:11:31 AM	07:09:55 AM	06:55:00 AM
End HOV lane	11.00	07:10:43 AM	07:10:13 AM	07:09:59 AM	07:11:10 AM	07:10:16 AM	07:11:53 AM	07:10:16 AM	07:11:53 AM	07:10:16 AM	06:55:57 AM
I-95/I-495	11.40	07:10:57 AM	07:10:23 AM	07:10:34 AM	07:11:37 AM	07:10:39 AM	07:12:18 AM	07:10:39 AM	07:12:18 AM	07:10:39 AM	06:56:06 AM
Md. 410(East West Highway)	12.60	07:12:09 AM	07:11:54 AM	07:12:10 AM	07:12:59 AM	07:12:25 AM	07:13:45 AM	07:12:25 AM	07:13:45 AM	07:12:25 AM	06:57:15 AM
Exit Md. 202 (Landover Rd.)	13.80	07:16:52 AM	07:16:43 AM	07:16:35 AM	07:18:15 AM	07:17:54 AM	07:17:28 AM	07:17:54 AM	07:17:28 AM	07:17:54 AM	07:00:55 AM
Elapsed Times (entire route)		00:16:52	00:16:43	00:16:35	00:18:15	00:17:54	00:17:28	00:17:54	00:17:28	00:17:54	00:17:28
Average speeds (MPH - entire route)		49.09	49.53	49.93	45.37	46.26	47.40	46.26	47.40	46.26	44.52
Elapsed Times (HOV portion of route)		00:06:59	00:06:40	00:06:26	00:07:30	00:06:55	00:08:18	00:06:55	00:08:18	00:06:55	00:08:18
Average speeds (MPH - HOV portion of route)		67.02	70.20	72.75	62.40	67.66	56.39	67.66	56.39	67.66	54.21

Average speeds above are rounded to nearest 1/100's of a mile

ENTIRE ROUTE	13.80			
Mean of Elapsed Times		00:17:02	00:17:42	
Mean time savings				00:00:40
Standard Deviation of Elapsed Times		00:00:52	00:00:44	
Average speeds		49	47	
HOV PORTION OF ROUTE	7.80			
Mean of Elapsed Times		00:07:03	00:07:53	
Mean time savings				00:00:50
Standard Deviation of Elapsed Times		00:00:34	00:00:48	
Average speeds		67	60	

Spring, 2010
 U.S.50 (A.M. Off-Peak Direction- Eastbound)

Run Date: 04-Mar-10 Run Date: 04-Mar-10
 Start Time: 7:30:00 Start Time: 7:00:00

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	0.00	07:30:00 AM	07:30:00 AM	07:00:00 AM	07:00:00 AM
Md. 410(East-West Highway)	1.80	07:32:09 AM	07:31:50 AM	07:02:13 AM	07:02:07 AM
Non-HOV run use Lane 2 until past Md. 704					
I-95/I495	2.90	07:33:12 AM	07:33:00 AM	07:03:23 AM	07:03:47 AM
Begin HOV lane	3.30	07:33:38 AM	07:33:43 AM	07:03:57 AM	07:03:56 AM
Md. 704(Martin Luther King, Jr. Highway)	3.80	07:33:50 AM	07:33:50 AM	07:04:07 AM	07:04:41 AM
Lottsford Vista Road	4.80	07:34:41 AM	07:34:31 AM	07:04:55 AM	07:05:09 AM
Enterprise Road	6.30	07:35:58 AM	07:35:42 AM	07:06:15 AM	07:06:54 AM
Church Road	7.90	07:37:12 AM	07:36:58 AM	07:07:35 AM	07:08:26 AM
Md. 197	9.50	07:38:26 AM	07:38:12 AM	07:08:59 AM	07:09:35 AM
Md.3/U.S.301	10.90	07:39:34 AM	07:39:18 AM	07:10:06 AM	07:10:35 AM
End HOV lane	11.70	07:40:03 AM	07:40:01 AM	07:10:40 AM	07:11:19 AM
Patuxent River	12.20	07:40:41 AM	07:40:35 AM	07:11:13 AM	07:11:52 AM
HOV and non-HOV runs move to right lane					
Md. 424 ramp	14.40	07:42:06 AM	07:41:51 AM	07:12:06 AM	07:13:35 AM
Elapsed Times (entire route)		00:12:06	00:11:51	00:12:06	00:13:35
Average speeds (MPH - entire route)		71	73	71	64
Elapsed Times (HOV portion of route)		00:06:25	00:06:18	00:06:43	00:07:23
Average speeds (MPH - HOV portion of route)		79	80	75	68

Average speeds above are rounded to nearest 1/100's of a mile

ENTIRE ROUTE	14.40			
Mean of Elapsed Times		00:12:06	00:12:43	
Mean time savings				00:00:37
Standard Deviation of Elapsed Times		00:00:00	00:00:52	
HOV PORTION OF ROUTE	8.40			
Mean of Elapsed Times		00:06:34	00:06:51	
Mean time savings				00:00:17
Standard Deviation of Elapsed Times		00:00:09	00:00:32	

APPENDIX D

P.M. TRAVEL TIME RUN ROUTES (HOV AND NON-HOV) AND DATA

Travel time run routes were designed to show the differences in speeds and elapsed times between the HOV and non-HOV modes. The HOV routes maximize use of HOV lanes in each corridor, and provide examples of the maximum savings in travel time that can be associated with the current configuration of these HOV facilities. Non-HOV routes parallel the HOV routes on the same facility, except for I-66 (between the T. Roosevelt Bridge (Potomac River) and I-495, where the non-HOV route follows U.S. 50 (Arlington Boulevard) to I-495 and re-joins I-66 at the I-495 interchange) and Va. 267/Dulles Connector/I-66 (the non-HOV route follows I-495 to the George Washington Memorial Parkway and re-joins I-66 at the T. Roosevelt Bridge).

**I-395/I-95 (Southbound - P.M. Peak Direction)
Spring, 2010**

		HOV	non-HOV	
ENTIRE ROUTE				
Mean of Elapsed Times	30.8 miles	0:36:18	1:20:34	
Mean time savings				0:44:16
Standard Deviation of Elapsed Times		0:06:52	0:19:48	
Average speeds		52	24	
HOV PORTION OF ROUTE	27.9 miles			
Mean of Elapsed Times		0:29:48	1:13:29	
Mean time savings				0:43:42
Standard Deviation of Elapsed Times		0:05:57	0:20:43	
Average speeds		58	24	
HOV PORTION OF ROUTE (inside Beltway)	10.2 miles			
Mean of Elapsed Times		0:09:04	0:18:04	
Mean time savings				0:09:00
Standard Deviation of Elapsed Times		0:00:21	0:02:45	
Average speeds		64	33	
HOV PORTION OF ROUTE (outside Beltway)	17.7 miles			
Mean of Elapsed Times		0:20:44	0:55:26	
Mean time savings				0:34:42
Standard Deviation of Elapsed Times		0:06:02	0:19:51	
Average speeds		56	22	

I-395/I-95 (Southbound - P.M. Peak Direction)
Spring, 2010

Run Date: 04-Mar-10
Start Time: 04:00:00 PM

Run Date: 11-Mar-10
Start Time: 04:45:00 PM

Run Date: 10-Mar-10
Start Time: 04:30:00 PM

Run Date: 09-Mar-10
Start Time: 04:15:00 PM

Run Date: 24-Feb-10
Start Time: 05:00:00 PM

Landmarks	Mile Point	Times		Times		Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
14th & C Streets SW	0.00	04:00:00 PM	04:00:00 PM	04:45:00 PM	04:45:00 PM	04:30:00 PM	04:30:00 PM	04:15:00 PM	04:15:00 PM	05:00:00 PM	05:00:00 PM
Begin barrier-separated lanes											
DC End of the 14th Street Bridge	0.60	04:00:54 PM	04:01:14 PM	04:46:11 PM	04:45:28 PM	04:30:55 PM	04:30:56 PM	04:16:05 PM	04:16:00 PM	05:01:14 PM	05:01:45 PM
Begin HOV restriction in barrier-separated lanes											
Virginia End of the 14th Street Bridge	1.10	04:01:31 PM	04:03:34 PM	04:46:43 PM	04:47:24 PM	04:31:36 PM	04:32:39 PM	04:16:44 PM	04:16:30 PM	05:01:51 PM	05:02:53 PM
Arlington Ridge Road	3.00	04:03:26 PM	04:04:25 PM	04:48:35 PM	04:49:00 PM	04:32:12 PM	04:35:22 PM	04:18:50 PM	04:18:32 PM	05:03:44 PM	05:05:01 PM
VA 120 (Glebe Road)	4.20	04:04:30 PM	04:06:51 PM	04:49:42 PM	04:50:56 PM	04:34:32 PM	04:37:59 PM	04:19:57 PM	04:20:33 PM	05:04:52 PM	05:07:28 PM
VA 7 (King Street)	5.50	04:05:35 PM	04:10:23 PM	04:50:47 PM	04:53:16 PM	04:35:37 PM	04:40:12 PM	04:21:12 PM	04:22:50 PM	05:06:25 PM	05:08:30 PM
Seminary Road	6.40	04:06:31 PM	04:13:58 PM	04:51:52 PM	04:56:09 PM	04:36:32 PM	04:44:26 PM	04:22:09 PM	04:25:54 PM	05:07:02 PM	05:12:10 PM
VA 236 (Duke Street)	8.10	04:08:02 PM	04:18:55 PM	04:53:21 PM	05:00:42 PM	04:38:01 PM	04:48:28 PM	04:23:40 PM	04:31:00 PM	05:08:33 PM	05:16:28 PM
VA 648 (Edsall Road)	9.80	04:09:31 PM	04:20:54 PM	04:54:49 PM	05:02:42 PM	04:39:33 PM	04:49:58 PM	04:25:07 PM	04:32:55 PM	05:10:38 PM	05:17:50 PM
I-495 (Capital Beltway)	10.80	04:10:30 PM	04:22:00 PM	04:55:44 PM	05:04:06 PM	04:40:48 PM	04:51:02 PM	04:26:07 PM	04:34:00 PM	05:11:02 PM	05:20:00 PM
VA 644 (Franconia Road)	11.70	04:11:14 PM	04:22:40 PM	04:57:22 PM	05:04:50 PM	04:41:32 PM	04:52:05 PM	04:26:57 PM	04:34:40 PM	05:11:50 PM	05:20:56 PM
Va 7100 FFX Co. Pkwy Overpass	14.40	04:13:32 PM	04:35:40 PM	04:58:26 PM	05:21:00 PM	04:42:01 PM	05:01:59 PM	04:27:27 PM	04:35:26 PM	05:14:31 PM	05:29:58 PM
VA 642 (Lorton Road)	17.50	04:16:28 PM	04:42:10 PM	05:02:08 PM	05:29:00 PM	04:46:38 PM	05:10:31 PM	04:32:19 PM	04:50:06 PM	05:17:15 PM	05:38:10 PM
Occoquan River Bridge Start	20.20	04:18:54 PM	04:49:22 PM	05:04:28 PM	05:34:45 PM	04:49:00 PM	05:16:00 PM	04:34:46 PM	04:57:56 PM	05:19:41 PM	05:45:58 PM
VA 3000 (Prince William Parkway)	22.60	04:21:00 PM	04:52:46 PM	05:06:33 PM	05:39:27 PM	04:51:06 PM	05:19:51 PM	04:36:59 PM	05:02:06 PM	05:21:13 PM	05:49:45 PM
VA 2000 (Opitz Boulevard)	24.20	04:22:21 PM	04:54:10 PM	05:06:54 PM	05:44:07 PM	04:52:26 PM	05:24:52 PM	04:38:22 PM	05:03:02 PM	05:22:45 PM	05:51:23 PM
VA 784 (Dale Boulevard)	24.70	04:22:53 PM	04:55:40 PM	05:08:22 PM	05:50:30 PM	04:52:56 PM	05:27:57 PM	04:39:01 PM	05:04:30 PM	05:23:56 PM	05:52:41 PM
Dumfries Scales	27.30	04:25:08 PM	05:04:10 PM	05:10:28 PM	06:03:38 PM	04:55:11 PM	06:18:59 PM	04:41:13 PM	05:05:40 PM	05:25:29 PM	06:05:00 PM
VA 234	28.50	04:26:11 PM	05:09:11 PM	05:12:32 PM	06:12:20 PM	05:00:22 PM	06:24:14 PM	04:42:25 PM	05:06:48 PM	05:26:30 PM	06:06:50 PM
End HOV Lanes	28.90	04:27:17 PM	05:11:20 PM	05:18:22 PM	06:14:06 PM	05:06:32 PM	06:25:41 PM	04:43:50 PM	05:10:00 PM	05:30:10 PM	06:09:00 PM
VA 619	30.80	04:31:54 PM	05:14:10 PM	05:26:07 PM	06:17:53 PM	05:11:12 PM	06:30:13 PM	04:47:36 PM	05:14:27 PM	05:35:00 PM	06:11:10 PM
Elapsed Times (entire route)		00:31:54	01:14:10	00:41:07	01:32:53	00:41:12	02:00:13	00:32:36	00:59:27	00:35:00	01:11:10
Average speeds (entire route)		57.93	24.92	44.95	19.90	44.85	15.37	56.69	31.08	52.80	25.97
Elapsed Times (HOV portion of route)		00:25:46	01:07:46	00:31:39	01:26:42	00:34:56	01:53:02	00:27:06	00:53:30	00:28:19	01:06:07
Average speeds (HOV portion of route)		64.73	24.61	52.70	19.24	47.75	14.76	61.55	31.18	58.91	25.23
Elapsed Times (HOV portion of route inside Beltway)		00:08:59	00:18:26	00:09:01	00:16:42	00:09:12	00:18:23	00:09:23	00:17:30	00:09:11	00:17:07
Average speeds (MPH - HOV portion of route inside Beltway)		64.79	31.57	64.55	34.85	63.26	31.66	62.02	33.26	63.38	34.00
Elapsed Times (HOV portion of route outside Beltway)		00:16:47	00:49:20	00:22:38	01:10:00	00:25:44	01:34:39	00:17:43	00:36:00	00:19:08	00:49:00
Average speeds (MPH - HOV portion of route outside Beltway)		64.71	22.01	47.98	15.51	42.20	11.47	61.30	30.17	56.76	22.16

I-395/I-95 (Southbound - P.M. Peak Direction)
Spring, 2010

Run Date: 02-Mar-10
Start Time: 04:30:00 PM

Run Date: 23-Feb-10
Start Time: 04:00:00 PM

Run Date: 31-Mar-10
Start Time: 04:15:00 PM

Run Date: 27-Apr-10
Start Time: 04:20:00 PM

Landmarks	Mile Point	Times		Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
14th & C Streets SW	0.00	04:30:00 PM	04:30:00 PM	04:00:00 PM	04:00:00 PM	04:15:00 PM	04:15:00 PM	04:20:00 PM	04:20:00 PM
Begin barrier-separated lanes									
DC End of the 14th Street Bridge	0.60	04:31:02 PM	04:31:15 PM	04:00:57 PM	04:00:53 PM	04:15:57 PM	04:16:03 PM	04:20:52 PM	04:21:05 PM
Begin HOV restriction in barrier-separated lanes									
Virginia End of the 14th Street Bridge	1.10	04:31:35 PM	04:32:04 PM	04:01:28 PM	04:01:27 PM	04:16:36 PM	04:17:16 PM	04:21:25 PM	04:21:50 PM
Arlington Ridge Road	3.00	04:33:41 PM	04:37:52 PM	04:03:25 PM	04:03:34 PM	04:18:30 PM	04:19:22 PM	04:23:25 PM	04:23:56 PM
VA 120 (Glebe Road)	4.20	04:34:48 PM	04:41:11 PM	04:04:20 PM	04:04:50 PM	04:19:30 PM	04:21:56 PM	04:24:29 PM	04:26:15 PM
VA 7 (King Street)	5.50	04:36:02 PM	04:44:47 PM	04:05:20 PM	04:06:23 PM	04:20:40 PM	04:25:50 PM	04:25:47 PM	04:28:11 PM
Seminary Road	6.40	04:36:54 PM	04:47:15 PM	04:06:15 PM	04:08:29 PM	04:21:30 PM	04:28:04 PM	04:26:40 PM	04:31:11 PM
VA 236 (Duke Street)	8.10	04:38:27 PM	04:53:04 PM	04:07:37 PM	04:12:41 PM	04:22:52 PM	04:33:03 PM	04:28:12 PM	04:35:38 PM
VA 648 (Edsall Road)	9.80	04:40:10 PM	04:55:25 PM	04:08:59 PM	04:14:38 PM	04:24:19 PM	04:34:58 PM	04:29:42 PM	04:37:24 PM
I-495 (Capital Beltway)	10.80	04:41:08 PM	04:56:38 PM	04:09:54 PM	04:15:57 PM	04:25:12 PM	04:36:01 PM	04:30:39 PM	04:38:27 PM
VA 644 (Franconia Road)	11.70	04:41:54 PM	04:57:10 PM	04:10:41 PM	04:16:58 PM	04:25:58 PM	04:37:00 PM	04:31:24 PM	04:39:12 PM
Va 7100 FFX Co. Pkwy Overpass	14.40	04:44:00 PM	05:06:56 PM	04:13:04 PM	04:28:30 PM	04:28:16 PM	04:50:44 PM	04:33:46 PM	04:47:23 PM
VA 642 (Lorton Road)	17.50	04:47:40 PM	05:17:20 PM	04:15:33 PM	04:30:49 PM	04:30:46 PM	04:59:12 PM	04:36:35 PM	04:54:35 PM
Occoquan River Bridge Start	20.20	04:50:17 PM	05:25:03 PM	04:17:40 PM	04:37:17 PM	04:33:02 PM	05:06:39 PM	04:39:01 PM	05:00:55 PM
VA 3000 (Prince William Parkway)	22.60	04:52:44 PM	05:29:33 PM	04:19:32 PM	04:41:00 PM	04:35:03 PM	05:11:10 PM	04:41:21 PM	05:04:40 PM
VA 2000 (Opitz Boulevard)	24.20	04:53:00 PM	05:40:00 PM	04:20:40 PM	04:42:26 PM	04:36:17 PM	05:19:40 PM	04:42:30 PM	05:06:00 PM
VA 784 (Dale Boulevard)	24.70	04:54:17 PM	05:42:07 PM	04:20:49 PM	04:42:56 PM	04:36:44 PM	05:23:50 PM	04:43:00 PM	05:06:30 PM
Dumfries Scales	27.30	04:57:10 PM	05:45:04 PM	04:22:58 PM	04:45:21 PM	04:38:50 PM	05:35:01 PM	04:45:12 PM	05:08:50 PM
VA 234	28.50	04:58:24 PM	05:48:00 PM	04:23:50 PM	04:46:45 PM	04:52:33 PM	05:39:52 PM	04:46:15 PM	05:09:55 PM
End HOV Lanes	28.90	05:00:34 PM	05:51:15 PM	04:24:54 PM	04:49:40 PM	04:59:17 PM	05:47:07 PM	04:46:41 PM	05:18:52 PM
VA 619	30.80	05:05:27 PM	05:53:12 PM	04:28:04 PM	04:54:19 PM	05:05:21 PM	05:47:07 PM	04:50:58 PM	05:37:34 PM
Elapsed Times (entire route)		00:35:27	01:23:12	00:28:04	00:54:19	00:50:21	01:32:07	00:30:58	01:17:34
Average speeds (entire route)		52.13	22.21	65.84	34.02	36.70	20.06	59.68	23.82
Elapsed Times (HOV portion of route)		00:28:59	01:19:11	00:23:26	00:48:13	00:42:41	01:29:51	00:25:16	00:57:02
Average speeds (HOV portion of route)		57.55	21.07	71.18	34.59	39.08	18.56	66.02	29.25
Elapsed Times (HOV portion of route inside Beltway)		00:09:33	00:24:34	00:08:26	00:14:30	00:08:36	00:18:45	00:09:14	00:16:37
Average speeds (MPH - HOV portion of route inside Beltway)		60.94	23.69	69.01	40.14	67.67	31.04	63.03	35.03
Elapsed Times (HOV portion of route outside Beltway)		00:19:26	00:54:37	00:15:00	00:33:43	00:34:05	01:11:06	00:16:02	00:40:25
Average speeds (MPH - HOV portion of route outside Beltway)		55.88	19.88	72.40	32.21	31.86	15.27	67.73	26.87

**Spring 2010
I-66 (Westbound - P.M. Peak Direction)**

ENTIRE ROUTE	32.8 miles 34.4 miles			
Mean of Elapsed Times		0:50:14	1:15:22	
Mean time savings				0:25:09
Standard Deviation of Elapsed Times		0:07:47	0:13:01	
Average speeds		43	30	
HOV PORTION OF ROUTE	30.7 miles 32.3 miles			
Mean of Elapsed Times		0:43:41	1:08:03	
Mean time savings				0:24:23
Standard Deviation of Elapsed Times		0:07:30	0:12:41	
Average speeds		43	29	
HOV PORTION OF ROUTE (Exclusive HOV, Inside I-495)	10.4 miles 12.2 miles			
Mean of Elapsed Times		0:12:43	0:29:01	
Mean time savings				0:16:18
Standard Deviation of Elapsed Times		0:03:45	0:05:31	
Average speeds		51	23	
HOV PORTION OF ROUTE (Concurrent-flow HOV Outside I-495)	20.3 miles 20.1 miles			
Mean of Elapsed Times		0:30:57	0:39:02	
Mean time savings				0:08:05
Standard Deviation of Elapsed Times		0:08:09	0:08:16	
Average speeds		42	35	

Spring 2010

I-66 (Westbound - P.M. Peak Direction)

Run Date: 04-Mar-10
Start Time: 04:15:00 PM

Run Date: 11-Mar-10
Start Time: 04:45:00 PM

Run Date: 10-Mar-10
Start Time: 04:30:00 PM

Run Date: 09-Mar-10
Start Time: 04:15:00 PM

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Times		Times		Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)	(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Avenue, N.W.	0.00	0.00	04:15:00 PM	04:15:00 PM	04:45:00 PM	04:45:00 PM	04:30:00 PM	04:30:00 PM	04:15:00 PM	04:15:00 PM
T. Roosevelt Bridge (D.C. end)	0.30	0.30	04:15:39 PM	04:15:39 PM	04:45:37 PM	04:45:34 PM	04:30:40 PM	04:30:34 PM	04:15:31 PM	04:15:36 PM
T. Roosevelt Bridge (Va. end)	0.70	0.70	04:16:08 PM	04:16:13 PM	04:46:17 PM	04:46:19 PM	04:31:14 PM	04:31:11 PM	04:15:58 PM	04:16:08 PM
<i>(Non-HOV follow U.S. 50/Arlington Boulevard west)</i>	--	--								
(Begin exclusive HOV facility)										
Rosslyn Tunnel	1.40	--	04:17:02 PM		04:47:00 PM		04:32:07 PM		04:16:18 PM	
Va. 120 (Glebe Road)	--	3.80		04:20:06 PM		04:51:47 PM		04:37:03 PM		04:20:46 PM
Va. 120 (N. Glebe Road)	4.30	--	04:20:10 PM		04:50:07 PM		04:35:16 PM		04:19:53 PM	
South Street	--	7.40		04:28:01 PM		04:59:02 PM		04:45:40 PM		04:31:43 PM
Sycamore Street	6.70	--	04:22:24 PM		04:55:15 PM		04:37:40 PM		04:22:13 PM	
Va. 267 (Dulles Connector)	8.70	--	04:24:14 PM		04:57:11 PM		04:39:35 PM		04:24:11 PM	
Va. 7 (Leesburg Pike)	9.30	--	04:24:44 PM		04:57:38 PM		04:40:15 PM		04:24:48 PM	
<i>(Non-HOV exit U.S. 50 W - enter I-495 N)</i>	--	--								
U.S. 29 (Lee Highway)	--	11.10		04:48:43 PM		05:12:24 PM		05:03:55 PM		04:41:53 PM
(End exclusive HOV facility)										
(Begin concurrent-flow HOV lane)										
I-495	10.80	--	04:26:11 PM		04:59:10 PM		04:41:37 PM		04:25:56 PM	
<i>(Non-HOV exit I-495 N - enter I-66 W [Exit 9C])</i>	--	--								
Va. 650 (Gallows Road)	11.10	12.90	04:26:47 PM	05:05:20 PM	04:59:50 PM	05:15:22 PM	04:42:00 PM	05:05:05 PM	04:26:50 PM	04:44:13 PM
Va. 243 (Nutley Street)	13.50	15.10	04:39:35 PM	05:18:00 PM	05:08:18 PM	05:23:00 PM	04:47:58 PM	05:08:40 PM	04:34:10 PM	04:51:08 PM
Va. 123 (Chain Bridge Road)	15.80	17.40	05:00:54 PM	05:23:00 PM	05:16:30 PM	05:30:37 PM	04:54:26 PM	05:16:40 PM	04:40:20 PM	04:58:55 PM
U.S. 50 (Lee Jackson Highway)	17.90	19.50	05:02:42 PM	05:26:00 PM	05:19:07 PM	05:34:05 PM	04:56:30 PM	05:19:50 PM	04:42:59 PM	05:02:27 PM
Monument Drive	18.90	20.50	05:03:42 PM	05:27:00 PM	05:20:07 PM	05:35:05 PM	05:05:07 PM	05:20:40 PM	04:43:51 PM	05:03:19 PM
Va. 7100 (Fairfax Co. Parkway)	20.30	21.80	05:04:50 PM	05:28:00 PM	05:22:20 PM	05:36:30 PM	04:59:24 PM	05:22:50 PM	04:45:13 PM	05:04:43 PM
Va. 28 (Sully Road)	22.70	24.30	05:06:38 PM	05:32:00 PM	05:23:59 PM	05:39:28 PM	05:02:02 PM	05:26:26 PM	04:47:41 PM	05:08:18 PM
U.S. 29 (at Centreville)	23.80	25.40	05:07:37 PM	05:33:00 PM	05:25:02 PM	05:40:35 PM	05:03:03 PM	05:27:42 PM	04:48:58 PM	05:09:20 PM
Bull Run (Fairfax Co./Prince William Co. line)	27.00	28.70	05:11:12 PM	05:40:00 PM	05:29:35 PM	05:47:38 PM	05:07:25 PM	05:36:40 PM	04:52:10 PM	05:14:58 PM
Va. 234 Business	28.60	30.10	05:12:40 PM	05:41:00 PM	05:31:19 PM	05:49:56 PM	05:09:22 PM	05:39:14 PM	04:54:18 PM	05:17:39 PM
(End concurrent-flow HOV lane)	31.10	32.70	05:14:40 PM	05:42:00 PM	05:31:33 PM	05:51:56 PM	05:11:22 PM	05:41:14 PM	04:56:18 PM	05:19:39 PM
Va. 234 Bypass	31.40	33.00	05:14:59 PM	05:45:00 PM	05:33:55 PM	05:52:50 PM	05:10:51 PM	05:41:59 PM	04:57:15 PM	05:20:28 PM
Gainesville Exit ramp - I-66 W to U.S. 29 S	32.80	34.40	05:16:57 PM	05:46:00 PM	05:35:35 PM	05:54:28 PM	05:13:30 PM	05:44:25 PM	04:58:30 PM	05:22:19 PM
625 Overpass	34.90	36.70	05:18:55 PM	05:48:00 PM	05:37:30 PM	05:56:31 PM	05:15:38 PM	05:46:50 PM	05:00:58 PM	05:24:28 PM
U.S. 15	35.40	37.00	05:19:05 PM	05:50:00 PM	05:37:53 PM	05:57:01 PM	05:17:09 PM	05:47:05 PM	05:01:22 PM	05:25:05 PM
Elapsed Times (entire route)			01:04:05	01:35:00	00:52:53	01:12:01	00:47:09	01:17:05	00:46:22	01:10:05
Average speeds (MPH - entire route)			33.14	23.37	40.16	30.83	45.05	28.80	45.81	31.68
Elapsed Times (exclusive HOV inside Beltway)			00:10:03	00:32:30	00:12:53	00:26:05	00:10:23	00:32:44	00:09:58	00:25:45
Average speeds (MPH - exclusive HOV inside Beltway)			60.30	19.51	47.04	24.00	58.36	19.51	60.80	24.97
Elapsed Times (concurrent-flow HOV outside Beltway)			00:48:29	00:53:17	00:32:23	00:39:32	00:29:45	00:37:19	00:30:22	00:37:46
Average speeds (MPH - concurrent-flow HOV outside Beltway)			25.49	24.32	38.17	32.78	41.55	34.73	40.70	34.32
Elapsed Times (HOV portion of route)			00:58:32	01:25:47	00:45:16	01:05:37	00:40:08	01:10:03	00:40:20	01:03:31
Average speeds (MPH - HOV portion of route)			31.16	22.38	40.29	29.26	45.45	27.41	45.22	30.23

Spring 2010

I-66 (Westbound - P.M. Peak Direction)

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Run Date: 30-Mar-10		Run Date: 24-Feb-10		Run Date: 23-Feb-10		Run Date: 02-Mar-10	
			Start Time: 04:15:00 PM		Start Time: 05:00:00 PM		Start Time: 04:00:00 PM		Start Time: 04:30:00 PM	
			Times		Times		Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)	(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Avenue, N.W.	0.00	0.00	04:15:00 PM	04:15:00 PM	05:00:00 PM	05:00:00 PM	04:00:00 PM	04:00:00 PM	04:30:00 PM	04:30:00 PM
T. Roosevelt Bridge (D.C. end)	0.30	0.30	04:15:15 PM	04:15:38 PM	05:00:31 PM	05:00:37 PM	04:00:38 PM	04:00:30 PM	04:30:38 PM	04:30:37 PM
T. Roosevelt Bridge (Va. end)	0.70	0.70	04:15:55 PM	04:16:06 PM	05:01:04 PM	05:01:25 PM	04:01:10 PM	04:01:07 PM	04:31:55 PM	04:31:09 PM
(Non-HOV follow U.S. 50/Arlington Boulevard west)	--	--								
(Begin exclusive HOV facility)										
Rosslyn Tunnel	1.40	--	04:16:57 PM		05:01:54 PM		04:02:04 PM		04:33:04 PM	
Va. 120 (Glebe Road)	--	3.80		04:21:12 PM		05:07:27 PM		04:06:03 PM		04:36:10 PM
Va. 120 (N. Glebe Road)	4.30	--	04:19:48 PM		05:04:57 PM		04:05:30 PM		04:42:18 PM	
South Street	--	7.40		04:28:05 PM		05:17:30 PM		04:13:56 PM		04:45:15 PM
Sycamore Street	6.70	--	04:22:30 PM		05:07:29 PM		04:11:56 PM		04:48:28 PM	
Va. 267 (Dulles Connector)	8.70	--	04:26:03 PM		05:09:26 PM		04:14:00 PM		04:50:47 PM	
Va. 7 (Leesburg Pike)	9.30	--	04:26:41 PM		05:10:05 PM		04:14:40 PM		04:51:27 PM	
(Non-HOV exit U.S. 50 W - enter I-495 N)	--	--								
U.S. 29 (Lee Highway)	--	11.10		04:36:54 PM		05:35:30 PM		04:25:12 PM		05:07:13 PM
(End exclusive HOV facility)										
(Begin concurrent-flow HOV lane)										
I-495	10.80	--	04:27:56 PM		05:11:30 PM		04:16:18 PM		04:52:48 PM	
(Non-HOV exit I-495 N - enter I-66 W [Exit 9C])	--	--								
Va. 650 (Gallows Road)	11.10	12.90	04:28:28 PM	04:38:17 PM	05:11:41 PM	05:36:22 PM	04:17:10 PM	04:30:09 PM	04:53:23 PM	05:10:17 PM
Va. 243 (Nutley Street)	13.50	15.10	04:30:35 PM	04:41:10 PM	05:19:05 PM	05:43:15 PM	04:20:20 PM	04:34:14 PM	04:58:45 PM	05:19:16 PM
Va. 123 (Chain Bridge Road)	15.80	17.40	04:35:03 PM	04:46:02 PM	05:27:16 PM	05:51:30 PM	04:23:32 PM	04:44:21 PM	05:04:33 PM	05:29:26 PM
U.S. 50 (Lee Jackson Highway)	17.90	19.50	04:37:42 PM	04:49:20 PM	05:29:52 PM	05:53:55 PM	04:25:50 PM	04:44:40 PM	05:07:29 PM	05:33:14 PM
Monument Drive	18.90	20.50	04:38:42 PM	04:50:05 PM	05:30:48 PM	05:55:07 PM	04:26:27 PM	04:45:29 PM	05:06:33 PM	05:34:27 PM
Va. 7100 (Fairfax Co. Parkway)	20.30	21.80	04:39:49 PM	04:51:34 PM	05:32:09 PM	05:56:07 PM	04:28:38 PM	04:47:13 PM	05:08:49 PM	05:36:14 PM
Va. 28 (Sully Road)	22.70	24.30	04:42:03 PM	04:53:57 PM	05:34:50 PM	05:59:20 PM	04:30:58 PM	04:49:46 PM	05:12:20 PM	05:39:52 PM
U.S. 29 (at Centreville)	23.80	25.40	04:43:02 PM	04:54:50 PM	05:36:18 PM	06:01:03 PM	04:31:58 PM	04:51:10 PM	05:13:32 PM	05:42:25 PM
Bull Run (Fairfax Co./Prince William Co. line)	27.00	28.70	04:46:32 PM	04:58:55 PM	05:40:52 PM	06:06:04 PM	04:35:45 PM	04:55:03 PM	05:18:26 PM	05:49:40 PM
Va. 234 Business	28.60	30.10	04:48:05 PM	05:01:15 PM	05:42:48 PM	06:09:20 PM	04:37:24 PM	04:57:37 PM	05:20:02 PM	05:53:02 PM
(End concurrent-flow HOV lane)	31.10	32.70	04:50:05 PM	05:03:15 PM	05:44:53 PM	06:11:20 PM	04:39:24 PM	04:59:37 PM	05:20:50 PM	05:55:02 PM
Va. 234 Bypass	31.40	33.00	04:50:33 PM	05:04:15 PM	05:45:32 PM	06:11:50 PM	04:39:59 PM	05:00:10 PM	05:22:40 PM	05:56:09 PM
Gainesville Exit ramp - I-66 W to U.S. 29 S	32.80	34.40	04:51:55 PM	05:06:33 PM	05:46:52 PM	06:13:30 PM	04:41:33 PM	05:02:14 PM	05:24:17 PM	05:58:25 PM
625 Overpass	34.90	36.70	04:54:00 PM	05:08:50 PM	05:49:07 PM	06:15:44 PM	04:43:47 PM	05:05:07 PM	05:26:23 PM	06:00:52 PM
U.S. 15	35.40	37.00	04:54:47 PM	05:09:59 PM	05:49:32 PM	06:16:33 PM	04:44:17 PM	05:05:57 PM	05:27:43 PM	06:01:16 PM
Elapsed Times (entire route)			00:39:47	00:54:59	00:49:32	01:16:33	00:44:17	01:05:57	00:57:43	01:31:16
Average speeds (MPH - entire route)			53.39	40.38	42.88	29.00	47.96	33.66	36.80	24.32
Elapsed Times (exclusive HOV inside Beltway)			00:12:01	00:20:48	00:10:26	00:34:05	00:15:08	00:24:05	00:20:53	00:36:04
Average speeds (MPH - exclusive HOV inside Beltway)			50.43	31.21	58.08	18.35	40.04	26.00	29.02	17.33
Elapsed Times (concurrent-flow HOV outside Beltway)			00:22:09	00:26:21	00:33:23	00:35:50	00:23:06	00:34:25	00:28:02	00:47:49
Average speeds (MPH - concurrent-flow HOV outside Beltway)			55.80	49.18	37.02	36.17	53.51	37.66	44.09	27.10
Elapsed Times (HOV portion of route)			00:34:10	00:47:09	00:43:49	01:09:55	00:38:14	00:58:30	00:48:55	01:23:53
Average speeds (MPH - HOV portion of route)			53.39	40.72	41.63	27.46	47.71	32.82	37.29	22.89

Spring, 2010

I-66/VA.267(Dulles Toll Road) (P.M. Peak Direction- Westbound)

ENTIRE ROUTE (Includes I-66 HOV inside Beltway)	HOV	non-HOV	HOV	non-HOV	
Mean of Elapsed Times	24.2	25.2	0:26:56	0:41:32	
Mean time savings					0:14:36
Standard Deviation of Elapsed Times			0:02:10	0:07:34	
Average speeds			47	33	
HOV PORTION OF ROUTE (Va. 267 & Dulles Connector)	15.5	17.5			
Mean of Elapsed Times			0:16:50	0:29:36	
Mean time savings					0:12:46
Standard Deviation of Elapsed Times			0:01:11	0:06:23	
Average speeds			35	32	
INSIDE BELTWAY (I-66 T.R. Bridge to Dulles Connector)	8.7	--			
Mean of Elapsed Times			0:10:26	--	
Mean time savings					--
Standard Deviation of Elapsed Times			0:01:38	--	
Average speeds			45	--	

Spring, 2010

I-66/VA.267(Dulles Toll Road) (P.M. Peak Direction- Westbound)

Run Date: 16-Mar-10 Start Time: 04:33:00 PM
 Run Date: 17-Mar-10 Start Time: 04:00:00 PM
 Run Date: 02-Mar-10 Start Time: 04:33:00 PM
 Run Date: 24-Feb-10 Start Time: 05:10:00 PM

Landmarks	HOV Mile Point	Non-HOV Mile Point	Times		Times		Times		Times	
			(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
23rd Street & Constitution Ave, N.W.	0.00	0.00	04:33:00 PM	04:33:00 PM	04:00:00 PM	04:00:00 PM	04:33:00 PM	04:33:00 PM	05:10:00 PM	05:10:00 PM
<i>HOV and Non-HOV routes diverge on T.R. Bridge</i>										
Va. 124- Spout Run Parkway	2.70	--	04:36:47 PM	--	04:03:33 PM	--	04:36:33 PM	--	05:13:26 PM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	7.70	--	04:41:48 PM	--	04:09:44 PM	--	04:45:15 PM	--	05:20:30 PM
End I-66 - begin Dulles Connector	8.70	--	04:41:55 PM	--	04:10:44 PM	--	04:46:10 PM	--	05:19:25 PM	--
Va. 123- Dolley Madison Blvd.	11.00	--	04:44:10 PM	--	04:13:06 PM	--	04:48:34 PM	--	05:21:42 PM	--
<i>HOV and Non-HOV routes converge on Va. 267 west of I-495</i>										
Va. 684- Spring Hill Road	12.80	13.80	04:46:30 PM	04:52:21 PM	04:15:03 PM	04:21:33 PM	04:50:43 PM	05:03:10 PM	05:23:40 PM	05:34:10 PM
Va. 7- Leesburg Pike	13.50	14.50	04:47:38 PM	04:53:21 PM	04:16:05 PM	04:22:41 PM	04:51:48 PM	05:04:25 PM	05:24:57 PM	05:37:03 PM
Va. 674- Hunter Mill Road	17.30	18.30	04:51:10 PM	04:58:31 PM	04:19:43 PM	04:27:18 PM	04:56:03 PM	05:07:26 PM	05:29:53 PM	05:43:30 PM
Va. 828- Wiehle Avenue	18.70	19.70	04:52:37 PM	04:59:59 PM	04:21:09 PM	04:28:00 PM	04:57:44 PM	05:11:12 PM	05:31:48 PM	05:43:38 PM
Va. 602- Reston Parkway	19.80	20.80	04:53:40 PM	05:01:07 PM	04:22:09 PM	04:30:09 PM	04:58:50 PM	05:13:10 PM	05:33:07 PM	05:47:09 PM
Va. 7100- Fairfax Co. Parkway	20.70	21.70	04:54:40 PM	05:01:09 PM	04:23:01 PM	04:31:08 PM	04:59:50 PM	05:14:28 PM	05:34:08 PM	05:48:41 PM
Va. 657	22.40	23.40	04:56:10 PM	05:03:52 PM	04:24:38 PM	04:32:51 PM	05:01:33 PM	05:16:15 PM	05:35:53 PM	05:50:33 PM
Va. 28/Sully Road (SB) Toll Plaza	24.20	25.20	04:58:14 PM	05:05:49 PM	04:26:34 PM	04:33:09 PM	05:03:34 PM	05:18:28 PM	05:38:20 PM	05:53:17 PM
Elapsed Times (entire route)			00:25:14	00:32:49	00:26:34	00:33:09	00:30:34	00:45:28	00:28:20	00:43:17
Average speeds [MPH] (entire route)			58	46	55	46	48	33	51	35
Elapsed Times (HOV portion of route)			00:16:19	00:24:01	00:15:50	00:23:25	00:17:24	00:33:13	00:18:55	00:32:47
Average speeds (HOV portion of route)			42	44	43	45	39	32	36	32
Elapsed Times (I-66 portion only)			00:08:55	--	00:10:44	--	00:13:10	--	00:09:25	--
Average speeds (I-66 portion only)			59	--	49	--	40	--	55	--

All runs made with E-ZPass (electronic toll payment)

Average speeds are rounded to nearest whole number

Spring, 2010
 I-66/VA.267(Dulles Toll Road) (P.M. Peak Direction- Westbound)

Landmarks	HOV Mile Point	Non- HOV Mile Point	Run Date: 09-Mar-10		Run Date: 10-Mar-10		Run Date: 11-Mar-10	
			Start Time: 04:30:00 PM		Start Time: 04:30:00 PM		Start Time: 04:45:00 PM	
			Times		Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Ave, N.W.	0.00	0.00	04:30:00 PM	04:30:00 PM	04:30:00 PM	04:30:00 PM	04:45:00 PM	04:45:00 PM
<i>HOV and Non-HOV routes diverge on T.R. Bridge</i>								
Va. 124- Spout Run Parkway	2.70	--	04:33:38 PM	--	04:33:15 PM	--	04:47:03 PM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	7.70	--	04:43:28 PM	--	04:46:53 PM	--	04:53:42 PM
End I-66 - begin Dulles Connector	8.70	--	04:39:31 PM	--	04:38:55 PM	--	04:57:21 PM	--
Va. 123- Dolley Madison Blvd.	11.00	--	04:41:46 PM	--	04:41:08 PM	--	04:59:45 PM	--
<i>HOV and Non-HOV routes converge on Va. 267 west of I-495</i>								
Va. 684- Spring Hill Road	12.80	13.80	04:43:49 PM	04:58:49 PM	04:43:21 PM	04:58:54 PM	05:01:54 PM	05:06:34 PM
Va. 7- Leesburg Pike	13.50	14.50	04:44:39 PM	05:00:24 PM	04:44:13 PM	05:00:48 PM	05:02:55 PM	05:08:05 PM
Va. 674- Hunter Mill Road	17.30	18.30	04:48:33 PM	05:04:47 PM	04:47:41 PM	05:04:37 PM	05:07:33 PM	05:15:03 PM
Va. 828- Wiehle Avenue	18.70	19.70	04:50:15 PM	05:04:37 PM	04:49:09 PM	05:04:22 PM	05:09:16 PM	05:17:34 PM
Va. 602- Reston Parkway	19.80	20.80	04:51:19 PM	05:07:53 PM	04:50:13 PM	05:07:30 PM	05:10:34 PM	05:19:43 PM
Va. 7100- Fairfax Co. Parkway	20.70	21.70	04:52:12 PM	05:09:24 PM	04:51:08 PM	05:08:30 PM	05:11:55 PM	05:19:44 PM
Va. 657	22.40	23.40	04:53:53 PM	05:13:47 PM	04:52:44 PM	05:10:06 PM	05:13:38 PM	05:25:17 PM
Va. 28/Sully Road (SB) Toll Plaza	24.20	25.20	04:56:10 PM	05:22:34 PM	04:54:46 PM	05:11:55 PM	05:16:25 PM	05:27:40 PM
Elapsed Times (entire route)			00:26:10	00:52:34	00:24:46	00:41:55	00:31:25	00:42:40
Average speeds [MPH] (entire route)			55	29	59	36	46	35
Elapsed Times (HOV portion of route)			00:16:39	00:39:06	00:15:51	00:25:02	00:19:04	00:33:58
Average speeds (HOV portion of route)			41	27	43	42	36	31
Elapsed Times (I-66 portion only)			00:09:31	--	00:08:55	--	00:12:21	--
Average speeds (I-66 portion only)			55	--	59	--	42	--

All runs made with E-ZPass (electronic toll payment)

**Spring, 2010
I-270 (P.M. Peak Direction - Northbound)**

ENTIRE ROUTE		HOV	non-HOV	
Mean of Elapsed Times	24.8 miles	00:32:38	00:43:48	
Mean time savings				00:11:10
Standard Deviation of Elapsed Times		00:06:32	00:09:32	
Average speeds		47	35	
HOV PORTION OF ROUTE		18.4 miles		
Mean of Elapsed Times		00:21:03	00:31:25	
Mean time savings				00:10:22
Standard Deviation of Elapsed Times		00:02:25	00:05:09	
Average speeds		53	36	

Average speeds above are rounded to nearest mile

Spring, 2010

I-270 (P.M. Peak Direction - Northbound)

Landmarks	Mile Point	Run Date: 17-Mar-10		Run Date: 23-Mar-10		Run Date: 16-Mar-10		Run Date: 30-Mar-10	
		Start Time: 04:00:00 PM		Start Time: 04:00:00 PM		Start Time: 04:40:00 PM		Start Time: 04:15:00 PM	
		Times	Times	Times	Times				
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Enter I-495 from Md. 185 (Connecticut Avenue)	0.00	04:00:00 PM	04:00:00 PM	04:00:00 PM	04:00:00 PM	04:40:00 PM	04:40:00 PM	04:15:00 PM	04:15:00 PM
Begin I-270 concurrent-flow HOV lane	2.10	04:02:03 PM	04:02:00 PM	04:04:56 PM	04:05:23 PM	04:42:35 PM	04:42:32 PM	04:17:50 PM	04:17:25 PM
Md. 187 (Old Georgetown Rd.)	3.60	04:03:30 PM	04:03:09 PM	04:06:50 PM	04:08:50 PM	04:44:05 PM	04:45:08 PM	04:19:20 PM	04:18:57 PM
Tuckerman Lane (I-270 "split")	4.80	04:04:35 PM	04:06:21 PM	04:08:14 PM	04:14:27 PM	04:45:40 PM	04:49:04 PM	04:20:50 PM	04:21:33 PM
Montrose Rd.	6.20	04:06:05 PM	04:07:50 PM	04:10:26 PM	04:16:51 PM	04:46:57 PM	04:50:57 PM	04:22:08 PM	04:22:56 PM
Md. 189 (Falls Rd.)	7.60	04:07:32 PM	04:09:31 PM	04:11:56 PM	04:18:25 PM	04:48:19 PM	04:52:31 PM	04:23:30 PM	04:24:19 PM
Md. 28 (W. Montgomery Ave.)	8.60	04:08:36 PM	04:10:28 PM	04:12:52 PM	04:19:10 PM	04:49:15 PM	04:53:33 PM	04:24:20 PM	04:25:16 PM
Shady Grove Rd.	10.50	04:10:06 PM	04:12:14 PM	04:14:32 PM	04:21:15 PM	04:51:08 PM	04:55:28 PM	04:26:01 PM	04:27:02 PM
I-370 (Sam Eig Hwy.)	11.40	04:10:58 PM	04:13:08 PM	04:15:24 PM	04:22:25 PM	04:51:58 PM	04:56:50 PM	04:26:50 PM	04:27:54 PM
Md. 117 (Clopper Rd.)	12.90	04:12:30 PM	04:15:25 PM	04:17:15 PM	04:26:50 PM	04:53:45 PM	04:59:33 PM	04:28:10 PM	04:29:45 PM
Md. 124 (Quince Orchard Rd.)	13.50	04:13:16 PM	04:11:53 PM	04:18:02 PM	04:28:32 PM	04:54:50 PM	05:04:02 PM	04:28:49 PM	04:30:39 PM
Middlebrook Rd.	16.00	04:15:48 PM	04:21:20 PM	04:21:01 PM	04:33:14 PM	04:57:35 PM	05:06:18 PM	04:31:27 PM	04:36:47 PM
Md. 118 (Germantown Rd.)	16.80	04:16:41 PM	04:22:11 PM	04:21:56 PM	04:35:00 PM	04:58:12 PM	05:07:09 PM	04:32:15 PM	04:37:32 PM
Md. 27 (Father Hurley Blvd.)	17.80	04:17:48 PM	04:23:22 PM	04:23:05 PM	04:37:14 PM	04:59:15 PM	05:08:47 PM	04:33:13 PM	04:41:02 PM
Md. 121	20.50	04:20:45 PM	04:27:39 PM	04:26:36 PM	04:42:30 PM	05:03:18 PM	05:13:34 PM	04:36:40 PM	04:45:26 PM
(End concurrent-flow HOV lane)									
Hyattstown scales	22.90	04:24:14 PM	04:31:44 PM	04:31:00 PM	04:47:14 PM	05:07:10 PM	05:17:18 PM	04:40:30 PM	04:49:10 PM
Md. 109	24.80	04:26:02 PM	04:33:52 PM	04:33:00 PM	04:49:12 PM	05:08:50 PM	05:19:10 PM	04:42:10 PM	04:51:13 PM
Elapsed Times (entire route)		00:26:02	00:33:52	00:33:00	00:49:12	00:28:50	00:39:10	00:27:10	00:36:13
Average speeds (MPH - entire route)		57.16	43.94	45.09	30.24	51.61	37.99	54.77	41.09
Elapsed Times (HOV portion of route)		00:18:42	00:25:39	00:21:40	00:37:07	00:20:43	00:31:02	00:18:50	00:28:01
Average speeds (MPH - HOV portion of route)		59.04	43.04	50.95	29.74	53.29	35.57	58.62	39.41

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2010

I-270 (P.M. Peak Direction - Northbound)

Run Date: 31-Mar-10
Start Time: 04:50:00 PM

Run Date: 24-Mar-10
Start Time: 04:30:00 PM

Run Date: 25-Mar-10
Start Time: 04:30:00 PM

Landmarks	Mile Point	Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Enter I-495 from Md. 185 (Connecticut Avenue)	0.00	04:50:00 PM	04:50:00 PM	04:30:00 PM	04:30:00 PM	04:30:00 PM	04:30:00 PM
Begin I-270 concurrent-flow HOV lane	2.10	04:52:02 PM	05:04:22 PM	04:37:08 PM	04:32:48 PM	04:34:05 PM	04:34:30 PM
Md. 187 (Old Georgetown Rd.)	3.60	04:53:11 PM	05:06:32 PM	04:38:57 PM	04:35:26 PM	04:35:51 PM	04:39:05 PM
Tuckerman Lane (I-270 "split")	4.80	04:54:14 PM	05:09:05 PM	04:39:58 PM	04:39:04 PM	04:37:23 PM	04:44:05 PM
Montrose Rd.	6.20	04:55:21 PM	05:11:06 PM	04:41:40 PM	04:40:33 PM	04:39:21 PM	04:46:25 PM
Md. 189 (Falls Rd.)	7.60	04:56:41 PM	05:13:29 PM	04:43:00 PM	04:42:51 PM	04:40:50 PM	04:47:55 PM
Md. 28 (W. Montgomery Ave.)	8.60	04:57:38 PM	05:14:30 PM	04:44:10 PM	04:44:10 PM	04:41:40 PM	04:49:20 PM
Shady Grove Rd.	10.50	04:58:40 PM	05:15:29 PM	04:45:30 PM	04:45:40 PM	04:43:32 PM	04:51:00 PM
I-370 (Sam Eig Hwy.)	11.40	04:59:59 PM	05:16:01 PM	04:47:48 PM	04:46:04 PM	04:44:20 PM	04:51:50 PM
Md. 117 (Clopper Rd.)	12.90	05:01:29 PM	05:18:12 PM	04:48:37 PM	04:47:38 PM	04:46:02 PM	04:55:35 PM
Md. 124 (Quince Orchard Rd.)	13.50	05:04:02 PM	05:19:40 PM	04:49:59 PM	04:48:16 PM	04:46:50 PM	04:57:57 PM
Middlebrook Rd.	16.00	05:05:36 PM	05:22:10 PM	04:51:33 PM	04:52:13 PM	04:49:40 PM	05:03:15 PM
Md. 118 (Germantown Rd.)	16.80	05:06:40 PM	05:23:49 PM	04:52:21 PM	04:52:58 PM	04:50:40 PM	05:05:35 PM
Md. 27 (Father Hurley Blvd.)	17.80	05:07:52 PM	05:26:09 PM	04:53:25 PM	04:54:11 PM	04:51:45 PM	05:08:35 PM
Md. 121	20.50	05:17:52 PM	05:33:06 PM	04:57:06 PM	05:02:19 PM	04:55:41 PM	05:14:20 PM
(End concurrent-flow HOV lane)							
Hyattstown scales	22.90	05:31:21 PM	05:46:37 PM	05:05:16 PM	05:06:27 PM	04:59:45 PM	05:18:05 PM
Md. 109	24.80	05:34:29 PM	05:50:07 PM	05:07:42 PM	05:08:02 PM	05:01:12 PM	05:20:00 PM
Elapsed Times (entire route)		00:44:29	01:00:07	00:37:42	00:38:02	00:31:12	00:50:00
Average speeds (MPH - entire route)		33.45	24.75	39.47	39.12	47.69	29.76
Elapsed Times (HOV portion of route)		00:25:50	00:28:44	00:19:58	00:29:31	00:21:36	00:39:50
Average speeds (MPH - HOV portion of route)		42.74	38.42	55.29	37.40	51.11	27.72

Spring, 2010
I-270 Spur (P.M. Peak Direction - Northbound)

ENTIRE ROUTE	23 miles	HOV	non-HOV	
		00:30:57	00:40:06	
Mean time savings				00:09:09
Standard Deviation of Elapsed Times		00:04:36	00:08:19	
Average speeds		45	36	
HOV PORTION OF ROUTE	18.5 miles			
Mean of Elapsed Times		00:19:06	00:27:44	
Mean time savings				00:08:39
Standard Deviation of Elapsed Times		00:01:48	00:03:32	
Average speeds		59	41	

Average speeds above are rounded to nearest mile

Spring, 2010

I-270 Spur (P.M. Peak Direction - Northbound)

Run Date: 17-Mar-10	Run Date: 23-Mar-10	Run Date: 16-Mar-10	Run Date: 30-Mar-10
Start Time: 04:00:00 PM	Start Time: 04:00:00 PM	Start Time: 04:20:00 PM	Start Time: 04:00:00 PM

Landmarks	Mile Point	Times		Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 190 (River Road)	0.00	04:00:00 PM	04:00:00 PM	04:00:00 PM	04:00:00 PM	04:20:00 PM	04:20:00 PM	04:00:00 PM	04:00:00 PM
Begin concurrent-flow HOV	0.80	04:02:45 PM	04:03:17 PM	04:03:45 PM	04:02:41 PM	04:24:17 PM	04:25:22 PM	04:03:10 PM	04:03:25 PM
Md. 191 (Bradley Blvd.)	1.50	04:03:15 PM	04:03:49 PM	04:04:16 PM	04:05:06 PM	04:24:33 PM	04:25:48 PM	04:03:50 PM	04:03:37 PM
Begin I-270 Spur	1.70	04:03:45 PM	04:04:18 PM	04:04:36 PM	04:05:28 PM	04:24:53 PM	04:26:14 PM	04:04:11 PM	04:04:09 PM
Democracy Blvd.	2.50	04:04:34 PM	04:05:57 PM	04:05:26 PM	04:06:19 PM	04:25:45 PM	04:28:09 PM	04:04:39 PM	04:05:09 PM
Tuckerman Lane (I-270 "split")	3.60	04:05:54 PM	04:08:15 PM	04:06:40 PM	04:07:10 PM	04:27:06 PM	04:32:09 PM	04:05:06 PM	04:06:46 PM
Montrose Rd.	5.00	04:07:28 PM	04:09:41 PM	04:08:20 PM	04:09:26 PM	04:28:41 PM	04:33:51 PM	04:06:16 PM	04:08:20 PM
Md. 189 (Falls Rd.)	6.40	04:08:50 PM	04:11:09 PM	04:09:47 PM	04:10:38 PM	04:30:05 PM	04:34:37 PM	04:07:20 PM	04:09:50 PM
Md. 28 (W. Montgomery Ave.)	7.40	04:09:50 PM	04:12:09 PM	04:10:44 PM	04:11:33 PM	04:30:58 PM	04:34:51 PM	04:07:50 PM	04:10:45 PM
Shady Grove Rd.	9.30	04:11:42 PM	04:14:02 PM	04:12:39 PM	04:13:38 PM	04:32:40 PM	04:36:32 PM	04:08:22 PM	04:12:35 PM
I-370 (Sam Eig Hwy.)	10.20	04:12:10 PM	04:15:00 PM	04:13:34 PM	04:14:20 PM	04:33:26 PM	04:37:39 PM	04:09:04 PM	04:13:30 PM
Md. 117 (Clopper Rd.)	11.70	04:13:50 PM	04:16:30 PM	04:15:11 PM	04:16:11 PM	04:35:08 PM	04:39:07 PM	04:10:52 PM	04:15:05 PM
Md. 124 (Quince Orchard Rd.)	12.30	04:14:34 PM	04:17:06 PM	04:15:55 PM	04:16:52 PM	04:35:55 PM	04:41:06 PM	04:11:28 PM	04:16:30 PM
Middlebrook Rd.	14.80	04:17:17 PM	04:21:26 PM	04:18:38 PM	04:19:31 PM	04:38:38 PM	04:45:58 PM	04:14:16 PM	04:22:25 PM
Md. 118 (Germantown Rd.)	15.60	04:18:07 PM	04:22:15 PM	04:19:24 PM	04:20:14 PM	04:39:24 PM	04:46:46 PM	04:15:06 PM	04:23:25 PM
Md. 27 (Father Hurley Blvd.)	16.60	04:19:03 PM	04:23:16 PM	04:20:33 PM	04:21:26 PM	04:40:20 PM	04:48:00 PM	04:16:17 PM	04:26:20 PM
Md. 121	19.30	04:21:57 PM	04:27:40 PM	04:24:00 PM	04:24:58 PM	04:44:23 PM	04:53:47 PM	04:18:52 PM	04:31:00 PM
(End concurrent-flow HOV lane)									
Hyattstown scales	21.50	04:25:45 PM	04:31:22 PM	04:28:01 PM	04:28:57 PM	04:48:35 PM	04:57:39 PM	04:23:15 PM	04:39:50 PM
Md. 109	23.00	04:27:32 PM	04:33:08 PM	04:29:46 PM	04:30:15 PM	04:50:14 PM	04:59:32 PM	04:24:36 PM	04:36:40 PM
Elapsed Times (entire route)		00:27:32	00:33:08	00:29:46	00:30:15	00:30:14	00:39:32	00:24:36	00:36:40
Average speeds (MPH - entire route)		50.12	41.65	46.36	45.62	45.64	34.91	56.10	37.64
Elapsed Times (HOV portion of route)		00:19:12	00:24:23	00:20:15	00:22:17	00:20:06	00:28:25	00:15:42	00:27:35
Average speeds (MPH - HOV portion of route)		57.81	45.52	54.81	49.81	55.22	39.06	70.70	40.24

Spring, 2010

I-270 Spur (P.M. Peak Direction - Northbound)

Run Date: 31-Mar-10	Run Date: 24-Mar-10	Run Date: 25-Mar-10
Start Time: 04:30:00 PM	Start Time: 04:30:00 PM	Start Time: 04:15:00 PM

Landmarks	Mile Point	Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 190 (River Road)	0.00	04:30:00 PM	04:30:00 PM	04:30:00 PM	04:30:00 PM	04:15:00 PM	04:15:00 PM
Begin concurrent-flow HOV	0.80	04:36:42 PM	04:36:40 PM	04:35:22 PM	04:34:22 PM	04:18:58 PM	04:18:15 PM
Md. 191 (Bradley Blvd.)	1.50	04:37:15 PM	04:37:40 PM	04:35:34 PM	04:35:14 PM	04:19:25 PM	04:18:59 PM
Begin I-270 Spur	1.70	04:37:35 PM	04:57:40 PM	04:35:51 PM	04:35:46 PM	04:19:47 PM	04:19:45 PM
Democracy Blvd.	2.50	04:38:22 PM	04:39:23 PM	04:36:43 PM	04:38:00 PM	04:20:38 PM	04:21:15 PM
Tuckerman Lane (I-270 "split")	3.60	04:39:42 PM	04:41:07 PM	04:37:57 PM	04:40:09 PM	04:22:06 PM	04:23:11 PM
Montrose Rd.	5.00	04:40:53 PM	04:42:29 PM	04:39:50 PM	04:42:30 PM	04:23:41 PM	04:25:10 PM
Md. 189 (Falls Rd.)	6.40	04:42:12 PM	04:43:52 PM	04:41:13 PM	04:44:15 PM	04:25:08 PM	04:26:47 PM
Md. 28 (W. Montgomery Ave.)	7.40	04:43:04 PM	04:44:46 PM	04:42:10 PM	04:45:20 PM	04:26:00 PM	04:27:48 PM
Shady Grove Rd.	9.30	04:44:50 PM	04:49:54 PM	04:44:00 PM	04:46:20 PM	04:27:48 PM	04:29:36 PM
I-370 (Sam Eig Hwy.)	10.20	04:45:40 PM	04:50:54 PM	04:44:52 PM	04:48:15 PM	04:28:35 PM	04:30:31 PM
Md. 117 (Clopper Rd.)	11.70	04:47:00 PM	04:52:29 PM	04:46:17 PM	04:50:00 PM	04:30:15 PM	04:33:20 PM
Md. 124 (Quince Orchard Rd.)	12.30	04:47:37 PM	04:53:54 PM	04:47:00 PM	04:51:00 PM	04:30:50 PM	04:35:07 PM
Middlebrook Rd.	14.80	04:50:08 PM	04:59:49 PM	04:49:54 PM	04:55:06 PM	04:33:40 PM	04:38:45 PM
Md. 118 (Germantown Rd.)	15.60	04:50:50 PM	05:00:49 PM	04:50:40 PM	04:56:01 PM	04:34:30 PM	04:41:04 PM
Md. 27 (Father Hurley Blvd.)	16.60	04:51:46 PM	05:03:44 PM	04:51:44 PM	04:57:41 PM	04:35:45 PM	04:43:26 PM
Md. 121	19.30	04:54:33 PM	05:08:24 PM	04:54:53 PM	05:02:10 PM	04:40:00 PM	04:50:12 PM
(End concurrent-flow HOV lane)							
Hyattstown scales	21.50	05:08:10 PM	05:16:05 PM	04:59:12 PM	05:10:07 PM	04:44:56 PM	04:55:27 PM
Md. 109	23.00	05:09:00 PM	05:25:40 PM	05:03:46 PM	05:13:16 PM	04:46:45 PM	04:57:10 PM
Elapsed Times (entire route)		00:39:00	00:55:40	00:33:46	00:43:16	00:31:45	00:42:10
Average speeds (MPH - entire route)		35.38	24.79	40.87	31.90	43.46	32.73
Elapsed Times (HOV portion of route)		00:17:51	00:31:44	00:19:31	00:27:48	00:21:02	00:31:57
Average speeds (MPH - HOV portion of route)		62.18	34.98	56.87	39.93	52.77	34.74

Spring, 2010
 U.S.50 (P.M. Peak Direction- Eastbound)

Run Date: 25-Mar-10 Run Date: 04-Mar-10 Run Date: 24-Mar-10
 Start Time: 04:00:00 PM Start Time: 04:30:00 PM Start Time: 04:00:00 PM

Landmarks	Mile Point	Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	0.00	04:00:00 PM	04:00:00 PM	04:30:00 PM	04:30:00 PM	04:00:00 PM	04:00:00 PM
Md. 410(East-West Highway)	1.80	04:02:28 PM	04:02:28 PM	04:32:10 PM	04:32:24 PM	04:02:33 PM	04:02:33 PM
I-95/I495	2.90	04:03:39 PM	04:03:37 PM	04:33:15 PM	04:33:33 PM	04:03:43 PM	04:02:37 PM
Begin HOV lane	3.30	04:03:58 PM	04:04:00 PM	04:33:39 PM	04:33:56 PM	04:03:59 PM	04:04:15 PM
Md. 704(Martin Luther King, Jr. Highway)	3.80	04:06:20 PM	04:04:25 PM	04:36:00 PM	04:34:08 PM	04:04:22 PM	04:04:37 PM
Lottsford Vista Road	4.80	04:07:40 PM	04:11:09 PM	04:36:50 PM	04:35:49 PM	04:05:12 PM	04:05:33 PM
Enterprise Road	6.30	04:11:42 PM	04:14:39 PM	04:37:05 PM	04:37:22 PM	04:06:25 PM	04:06:45 PM
Church Road	7.90	04:13:00 PM	04:15:58 PM	04:37:38 PM	04:38:44 PM	04:07:40 PM	04:08:15 PM
Md. 197	9.50	04:14:25 PM	04:17:16 PM	04:38:45 PM	04:39:59 PM	04:09:00 PM	04:09:34 PM
Md.3/U.S.301	10.90	04:15:27 PM	04:18:28 PM	04:39:53 PM	04:41:14 PM	04:10:10 PM	04:10:43 PM
End HOV lane	11.70	04:16:04 PM	04:19:08 PM	04:40:31 PM	04:41:38 PM	04:10:49 PM	04:11:20 PM
Patuxent River	12.20	04:16:28 PM	04:19:34 PM	04:41:02 PM	04:42:20 PM	04:11:13 PM	04:11:49 PM
Md. 424 ramp	14.40	04:17:54 PM	04:21:03 PM	04:42:25 PM	04:43:52 PM	04:12:50 PM	04:13:22 PM
Elapsed Times (entire route)		00:17:54	00:21:03	00:12:25	00:13:52	00:12:50	00:13:22
Average speeds (MPH - entire route)		48.27	41.05	69.58	62.31	67.32	64.64
Elapsed Times (HOV portion of route)		00:12:06	00:15:08	00:06:52	00:07:42	00:06:50	00:07:05
Average speeds (MPH - HOV portion of route)		41.65	33.30	73.40	65.45	73.76	71.15

Average speeds above are rounded to nearest 1/100's of a mile

ENTIRE ROUTE	14.40			
Mean of Elapsed Times		00:14:23	00:15:53	
Mean time savings				00:01:29
Standard Deviation of Elapsed Times		00:02:02	00:03:24	
Average speeds		61	56	
HOV PORTION OF ROUTE	8.40			
Mean of Elapsed Times		00:08:09	00:09:34	
Mean time savings				00:01:25
Standard Deviation of Elapsed Times		00:02:10	00:03:27	
Average speeds		65	58	

Spring, 2010
 U.S.50 (P.M. Peak Direction- Eastbound)

Run Date: 03-Mar-10	Run Date: 23-Feb-10	Run Date: 23-Mar-10
Start Time: 05:30:00 PM	Start Time: 04:15:00 PM	Start Time: 04:00:00 PM

Landmarks	Times		Times		Times	
	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	05:30:00 PM	05:30:00 PM	04:15:00 PM	04:15:00 PM	04:00:00 PM	04:00:00 PM
Md. 410(East-West Highway)	05:32:40 PM	05:32:40 PM	04:17:52 PM	04:17:18 PM	04:02:57 PM	04:02:20 PM
I-95/I495	05:33:48 PM	05:33:59 PM	04:19:09 PM	04:18:36 PM	04:03:30 PM	04:03:27 PM
Begin HOV lane	05:33:52 PM	05:34:06 PM	04:18:59 PM	04:18:56 PM	04:03:52 PM	04:03:45 PM
Md. 704(Martin Luther King, Jr. Highway)	05:34:18 PM	05:35:28 PM	04:19:29 PM	04:19:11 PM	04:04:12 PM	04:04:09 PM
Lottsford Vista Road	05:35:00 PM	05:38:25 PM	04:19:45 PM	04:20:26 PM	04:05:09 PM	04:05:26 PM
Enterprise Road	05:36:35 PM	05:41:45 PM	04:21:04 PM	04:21:30 PM	04:06:35 PM	04:06:48 PM
Church Road	05:39:45 PM	05:43:26 PM	04:22:26 PM	04:22:41 PM	04:08:00 PM	04:08:17 PM
Md. 197	05:41:15 PM	05:46:12 PM	04:23:43 PM	04:24:26 PM	04:09:27 PM	04:09:41 PM
Md.3/U.S.301	05:42:18 PM	05:46:12 PM	04:24:45 PM	04:25:22 PM	04:10:39 PM	04:10:52 PM
End HOV lane	05:43:07 PM	05:46:43 PM	04:25:34 PM	04:25:57 PM	04:11:08 PM	04:11:36 PM
Patuxent River	05:43:42 PM	05:47:22 PM	04:26:02 PM	04:26:34 PM	04:11:48 PM	04:11:52 PM
Md. 424 ramp	05:45:30 PM	05:49:14 PM	04:28:28 PM	04:28:00 PM	04:14:13 PM	04:14:45 PM
Elapsed Times (entire route)	00:15:30	00:19:14	00:13:28	00:13:00	00:14:13	00:14:45
Average speeds (MPH - entire route)	55.74	44.92	64.16	66.46	60.77	58.58
Elapsed Times (HOV portion of route)	00:09:15	00:12:37	00:06:35	00:07:01	00:07:16	00:07:51
Average speeds (MPH - HOV portion of route)	54.49	39.95	76.56	71.83	69.36	64.20

Spring, 2010
 U.S.50 (P.M. Off-Peak Direction- Westbound)

Run Date: 04-Mar-10 Run Date: 03-Mar-10 Run Date: 23-Feb-10
 Start Time: 04:15:00 PM Start Time: 05:00:00 PM Start Time: 04:00:00 PM

Landmarks	Mile Point	Times		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	04:15:00 PM	04:15:00 PM	05:00:00 PM	05:00:00 PM	04:00:00 PM	04:00:00 PM
Patuxent River Bridge	2.30	04:17:20 PM	04:17:36 PM	05:02:49 PM	05:03:08 PM	04:01:47 PM	04:02:21 PM
Begin HOV lane on left	3.20	04:18:12 PM	04:17:59 PM	05:03:50 PM	05:03:35 PM	04:03:20 PM	04:03:08 PM
U.S.301/Md. 3	3.60	04:19:23 PM	04:18:41 PM	05:04:10 PM	05:04:19 PM	04:03:32 PM	04:03:25 PM
Md. 197	5.00	04:19:34 PM	04:19:58 PM	05:05:21 PM	05:05:37 PM	04:04:37 PM	04:04:36 PM
Church Road	6.60	04:20:40 PM	04:21:16 PM	05:06:44 PM	05:07:04 PM	04:05:55 PM	04:05:55 PM
Enterprise Road	8.20	04:21:58 PM	04:22:32 PM	05:08:06 PM	05:08:24 PM	04:07:15 PM	04:07:15 PM
Lottsford Vista Road	9.70	04:23:06 PM	04:23:42 PM	05:09:27 PM	05:09:47 PM	04:08:30 PM	04:08:30 PM
Md. 704(Martin Luther King, Jr. Highway)	10.70	04:24:10 PM	04:24:45 PM	05:10:57 PM	05:10:41 PM	04:09:09 PM	04:09:17 PM
End HOV lane	11.00	04:24:30 PM	04:24:58 PM	05:11:07 PM	05:10:56 PM	04:10:39 PM	04:09:33 PM
I-95/I-495	11.40	04:24:46 PM	04:25:15 PM	05:11:20 PM	05:11:29 PM	04:10:51 PM	04:09:49 PM
Md. 410(East West Highway)	12.60	04:25:42 PM	04:26:12 PM	05:12:40 PM	05:12:37 PM	04:11:34 PM	04:10:55 PM
Exit Md. 202 (Landover Rd.)	13.80	04:26:51 PM	04:27:13 PM	05:12:58 PM	05:13:58 PM	04:12:19 PM	04:11:59 PM
Elapsed Times (entire route)		00:11:51	00:12:13	00:12:58	00:13:58	00:12:19	00:11:59
Average speeds (MPH - entire route)		69.87	67.78	63.86	59.28	67.23	69.10
Elapsed Times (HOV portion of route)		00:06:18	00:06:59	00:07:17	00:07:21	00:07:19	00:06:25
Average speeds (MPH - HOV portion of route)		74.29	67.02	64.26	63.67	63.96	72.94

Average speeds above are rounded to nearest 1/100's of a mile

ENTIRE ROUTE	13.80			
Mean of Elapsed Times		00:12:23	00:12:43	
Mean time savings				00:00:21
Standard Deviation of Elapsed Times		00:00:27	00:00:53	
Average speeds		67	65	
HOV PORTION OF ROUTE	7.80			
Mean of Elapsed Times		00:06:58	00:06:55	
Mean time savings				--
Standard Deviation of Elapsed Times		00:00:28	00:00:23	
Average speeds		68	68	

I-95/I-495 - Wilson Bridge - Virginia to Maryland (Outer Loop)
 - Eastbound - Northbound P.M. Runs

Run Date: 03-Mar-10 Run Date: 27-Apr-10 Run Date: 27-Apr-10 Run Date: 27-Apr-10 Run Date: 27-Apr-10
 Start Time: 05:15:00 PM Start Time: 04:55:00 PM Start Time: 05:40:00 PM Start Time: 05:00:00 PM Start Time: 05:25:00 PM

Landmarks	Mile Point	Times		Times		Times		Times		Times	
		(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL
(Pre-HOV conditions)											
Start from Va. 613 (Van Dorn Street)	0.00	05:15:00 PM	05:15:00 PM	04:55:00 PM	04:55:00 PM	05:40:00 PM	05:40:00 PM	05:00:00 PM	05:00:00 PM	05:25:00 PM	05:25:00 PM
Eisenhower Avenue Connector	1.50	05:17:16 PM	05:17:24 PM	04:56:52 PM	04:56:59 PM	05:41:25 PM	05:41:38 PM	05:02:58 PM	05:01:50 PM	05:26:50 PM	05:26:57 PM
Va. 241 (Telegraph Road) overpass	3.30	05:20:07 PM	05:20:54 PM	04:58:50 PM	04:59:07 PM	05:42:51 PM	05:43:12 PM	05:04:31 PM	05:03:35 PM	05:28:27 PM	05:28:56 PM
Metrorail Yellow Line overpass	3.70	05:20:27 PM	05:21:07 PM	04:58:59 PM	04:59:24 PM	05:43:26 PM	05:43:54 PM	05:05:07 PM	05:04:15 PM	05:28:40 PM	05:29:20 PM
U.S. 1 (Richmond Highway) overpass	4.70	05:21:24 PM	05:22:10 PM	05:00:01 PM	05:00:20 PM	05:44:22 PM	05:44:57 PM	05:06:04 PM	05:05:08 PM	05:29:51 PM	05:30:18 PM
Washington Street overpass	5.00	05:21:42 PM	05:22:26 PM	05:00:13 PM	05:00:41 PM	05:44:43 PM	05:45:12 PM	05:06:15 PM	05:05:22 PM	05:30:10 PM	05:30:35 PM
Begin Woodrow Wilson Bridge	5.10	05:21:54 PM	05:22:45 PM	05:00:29 PM	05:00:58 PM	05:44:49 PM	05:45:28 PM	05:06:31 PM	05:05:31 PM	05:30:27 PM	05:30:48 PM
Draw span	5.60	05:22:25 PM	05:23:09 PM	05:00:50 PM	05:01:21 PM	05:45:11 PM	05:45:40 PM	05:06:54 PM	05:06:08 PM	05:30:58 PM	05:31:18 PM
End Woodrow Wilson Bridge	6.30	05:23:06 PM	05:23:57 PM	05:01:38 PM	05:02:01 PM	05:45:56 PM	05:46:29 PM	05:07:34 PM	05:06:54 PM	05:31:34 PM	05:32:02 PM
I-295 overpasses	6.80	05:23:33 PM	05:24:25 PM	05:02:03 PM	05:02:41 PM	05:46:31 PM	05:47:56 PM	05:08:05 PM	05:07:19 PM	05:32:04 PM	05:32:32 PM
Md. 210 (Indian Head Highway) overpass	7.90	05:24:35 PM	05:25:34 PM	05:03:10 PM	05:03:11 PM	05:47:24 PM	05:48:00 PM	05:08:57 PM	05:08:22 PM	05:33:01 PM	05:33:35 PM
Livingston Road underpass	8.40	05:25:05 PM	05:26:07 PM	05:03:25 PM	05:04:25 PM	05:47:57 PM	05:48:32 PM	05:09:27 PM	05:09:03 PM	05:33:39 PM	05:34:06 PM
End of Exit 4B ramp to Md. 414 (St. Barnabas Road) North	9.70	05:27:05 PM	05:27:47 PM	05:05:13 PM	05:06:06 PM	05:49:32 PM	05:50:07 PM	05:11:12 PM	05:11:30 PM	05:35:12 PM	05:35:47 PM
Elapsed Times (entire route)		00:12:05	00:12:47	00:10:13	00:11:06	00:09:32	00:10:07	00:11:12	00:11:30	00:10:12	00:10:47
Average speeds (MPH - entire route)		48.17	45.53	56.97	52.43	61.05	57.53	51.96	50.61	57.06	53.97

*Average speeds above are rounded to nearest 1/100's of a mile
 Average speeds below are rounded to nearest mile*

ENTIRE ROUTE	9.70		
Mean of Elapsed Times		00:10:39	00:11:15
Standard Deviation of Elapsed Times		00:01:00	00:01:00
Average speeds		55	52

I-95/I-495 - Wilson Bridge - Maryland to Virginia (Inner Loop Westbound - Southbound) P.M. Runs

Landmarks (Pre-HOV conditions)	Non-HOV Mile Point	Run Date: 03-Mar-10 Start Time: 04:35:00 PM		Run Date: 27-Apr-10 Start Time: 05:40:00 PM		Run Date: 27-Apr-10 Start Time: 04:45:00 PM		Run Date: 27-Apr-10 Start Time: 05:08:00 PM		Run Date: 27-Apr-10 Start Time: 04:40:00 PM	
		Times		Times		Times		Times		Times	
		(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL	(Non-HOV) THRU	(Non-HOV) LOCAL
Start Run - ramp from Md. 414 N to I-95 S	0.00	04:35:00 PM	04:35:00 PM	05:40:00 PM	05:40:00 PM	04:45:00 PM	04:45:00 PM	05:08:00 PM	05:08:00 PM	04:40:00 PM	04:40:00 PM
Livingston Road underpass	1.30	04:36:31 PM	04:36:36 PM	05:41:31 PM	05:40:50 PM	04:46:30 PM	04:46:15 PM	05:08:59 PM	05:09:18 PM	04:41:34 PM	04:41:15 PM
Md. 210 (Indian Head Highway) overpass	1.80	04:37:00 PM	04:37:00 PM	05:41:39 PM	05:41:22 PM	04:46:35 PM	04:46:42 PM	05:09:21 PM	05:09:40 PM	04:41:59 PM	04:41:39 PM
I-295 overpass	2.90	04:38:02 PM	04:38:05 PM	05:42:23 PM	05:42:35 PM	04:47:25 PM	04:47:41 PM	05:10:19 PM	05:10:38 PM	04:42:58 PM	04:42:42 PM
Begin Woodrow Wilson Bridge	3.40	04:38:35 PM	04:38:37 PM	05:42:49 PM	05:43:06 PM	04:49:33 PM	04:48:09 PM	05:10:50 PM	05:11:16 PM	04:43:27 PM	04:43:19 PM
Draw span	4.10	04:39:14 PM	04:39:16 PM	05:43:25 PM	05:43:53 PM	04:50:01 PM	04:48:53 PM	05:11:30 PM	05:12:04 PM	04:44:06 PM	04:43:56 PM
End Woodrow Wilson Bridge	4.50	04:39:43 PM	04:39:50 PM	05:43:52 PM	05:44:32 PM	04:50:37 PM	04:49:24 PM	05:11:59 PM	05:12:35 PM	04:44:35 PM	04:44:24 PM
Washington Street overpass	4.70	04:39:55 PM	04:40:11 PM	05:44:14 PM	05:44:43 PM	04:51:05 PM	04:49:45 PM	05:12:12 PM	05:12:50 PM	04:44:47 PM	04:44:35 PM
U.S. 1 (Richmond Highway) overpass	5.00	04:41:04 PM	04:41:35 PM	05:44:49 PM	05:44:52 PM	04:51:09 PM	04:49:57 PM	05:12:29 PM	05:13:01 PM	04:45:03 PM	04:44:51 PM
Metrorail Yellow Line overpass	6.00	04:46:14 PM	04:46:42 PM	05:46:52 PM	05:46:30 PM	04:52:08 PM	04:51:02 PM	05:13:33 PM	05:14:15 PM	04:45:54 PM	04:46:03 PM
Va. 241 (Telegraph Road) overpass	6.30	04:48:10 PM	04:48:32 PM	05:47:46 PM	05:47:00 PM	04:52:11 PM	04:53:30 PM	05:14:25 PM	05:15:10 PM	04:46:15 PM	04:46:31 PM
Eisenhower Avenue Connector	8.20	04:50:59 PM	04:51:39 PM	05:50:30 PM	05:50:19 PM	04:55:17 PM	04:54:20 PM	05:17:15 PM	05:18:09 PM	04:48:54 PM	04:48:59 PM
Elapsed Times (entire route)		00:15:59	00:16:39	00:10:30	00:10:19	00:10:17	00:09:20	00:09:15	00:10:09	00:08:54	00:08:59
Average speeds (MPH - entire route)		30.78	29.55	46.86	47.69	47.84	52.71	53.19	48.47	55.28	54.77

Average speeds above are rounded to nearest 1/100's of a mile
Average speeds below are rounded to nearest mile

ENTIRE ROUTE	8.20		
Mean of Elapsed Times		00:10:59	00:11:05
Standard Deviation of Elapsed Times		00:02:53	00:03:10
Average speeds		47	47

**APPENDIX E
COUNTING SITE LOCATIONS**

COUNTING SITE LOCATIONS

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
I-395-A	I-395 - Shirley Highway	A.M. - HOV and non-HOV roadways at Ramp "G" (at Jefferson Davis Highway underpass) P.M. - HOV and non-HOV roadways south of Boundary Channel Drive
I-395-B	I-395 - Shirley Highway	HOV and non-HOV roadways north of Va. 120 (S. Glebe Rd.)
I-395-C	I-395 - Shirley Highway	A.M. and P.M. non-HOV roadway north of Va. 648 (Edsall Road). A.M. and P.M. HOV roadway at Turkeycock Run ramps A.M. counts do not include slip ramp traffic from non-HOV to HOV roadway P.M. HOV roadway counts include slip ramp traffic from non-HOV to HOV roadway
I-95-A	I-95 - Shirley Highway	I-95 between Va. 7900 (Franconia-Springfield Parkway) and Va. 7100 (Fairfax County Parkway) [Newington] interchange
I-95-B	I-95	I-95 between Va. 234 and Va. 784 (counts taken at Dumfries Scales)
I-66-A	I-66 - T. Roosevelt Bridge	At D.C. end of bridge
I-66-B	I-66	At bridge over Spout Run Parkway
I-66-C	I-66	Between Fairfax Drive and N. Sycamore Street
I-66-D	I-66	Between Va. 7 (Leesburg Pike) and I-495
I-66-E	I-66 between I-495 and Va. 243 (Nutley Street)	A.M. - from Vienna Metro station parking deck P.M. - from west of Vienna Metro station - exiting traffic from I-66 to Va. 243 is added to count to compute correct

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
		link volume
I-66-F	I-66 between Va. 243 (Nutley Street) and Va. 123 (Chain Bridge Road)	West of Vienna Metro station
I-66-G	I-66 between U.S. 50 (Lee Jackson Highway) and Monument Drive	
I-66-H	I-66 between U.S. 29 (Lee Highway) and Va. 234 (Sudley Road)	At Bull Run rest area (west of Fairfax County/Prince William County line)
I-66-I	Va. 267 (Dulles Toll Road) and Dulles Access Road	Just east of Va. 123 interchange
I-270-A	I-270	I-270 north of Rockledge Drive
I-270-B	I-270 (main and C-D roadways)	I-270 south of Md. 189 (Falls Road)
I-270-C	I-270 (main and C-D roadways)	I-270 south of I-370/Sam Eig Highway
I-270-D	I-270	I-270 south of Md. 118 (Germantown Road)
I-270-E	I-270	I-270 between Md. 121 and Md. 109 (counts taken at Hyattstown scales)
I-270-F	I-270Y(I-270 Spur)	I-270 Spur north of Democracy Boulevard
VA-267-A	Va. 267 (Dulles Toll Road)	At main toll barrier
VA-267-B	Va. 267 (Dulles Toll Road)	Eastbound (A.M.): Between Trap Road and Va. 7 Westbound (P.M.): Between Trap Road and Hunter Mill Road
VA-267-C	Va. 267 (Dulles Toll Road)	Just east of Va. 7100
VA-267-D	Va. 267 (Dulles Toll Road)	(1) At Dulles Greenway main toll barrier (2) At Va. 28 ramp tolls
US-50-A	U.S. 50 (John Hanson Highway)	Between Ardwick Ardmore Road and Md. 410
US-50-B	U.S. 50 (John Hanson Highway)	Between I-95/I-495 and Md. 704

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
US-50-C	U.S. 50 (John Hanson Highway)	Between Md. 704 and Md. 197
US-50-D	U.S. 50 (John Hanson Highway)	Between Md. 197 and Md. 3/U.S. 301
US-50-E	U.S. 50/U.S.301 (John Hanson Highway)	Between Md.3/U.S.301 and Md. 424

**APPENDIX F
OCCUPANCY AND CLASSIFICATION DETAILS**

1. Field staff do not count persons that are not visible. With the exception of vanpool vans (please see discussion below); assumptions about auto occupancy are not made. In particular, this means that small children and persons sleeping in the back seat of vehicles passing a count station may not be seen.
2. Refer to Table F-1 to see how vehicles are classified.
3. Note that the occupancy count is performed only for the first six categories of vehicles.
4. Van-pool vans (full-sized domestic "stretch" vans with privacy windows and an overhang of at least three feet from the rear wheel to the rear bumper) or vans without privacy windows with eight or more occupants are tallied on the "V" button on the computer. Occupancies for vans with less than 8 passengers are tallied for the number of persons observed, as for a regular automobile.
4. All buses are counted in the vehicle classification procedure. Buses are classified as either "Transit Bus" or "Other Bus." Transit buses include Metrobuses and other public transit buses (Fairfax Connector, and Montgomery County Ride-On), whether they are in-service, not-in-service, or on charter. All other buses (including commuter buses) are classified as "Other Bus".

**TABLE F-1
VEHICLE CLASSIFICATION AND OCCUPANCY
FOR HOV FACILITY and CORDON COUNTS**

OBSERVED VEHICLES	CLASSIFICATION FOR HOV FACILITY AND CORDON COUNTS					OCCUPANCY COUNT	
	AUTO	TRUCK	MOTOR-CYCLE	VAN-POOL	BUS	YES	NO
Private Passenger Car	X					X	
Station Wagon	X					X	
Taxi, limousine and similar commercial auto	X					X	
Auto Pulling Trailer	X					X	
Recreational Vehicle	X					X	
Light, Single Unit Truck(2 axles/ exactly 4 tires) [includes pickup trucks and panel vans, conversion vans, Jeeps, sport utility vehicles, etc.]	X					X	
Medium Single Unit Truck (2 axles, 6 tires)		X					X
Heavy Single Unit Truck (3, 4 or 5 axles, 6-16 tires)		X					X

Tractor Trailer Truck (includes double trailer combinations)		X					X
Motorcycle (includes motorcycle with sidecar and three-wheeled motorcycles)			X				X
Moped			X				X
Van-pool Van				X			X
Metrobus (All)					X		X
Other Transit Buses (All)					X		X
All Other Buses (In-Service, Out of Service etc.)					X		X

APPENDIX G
VANPOOL MONITORING METHOD

The high occupancy of vanpool vans has presented some technical problems for monitoring vehicle occupancy. Further complications arise from the fact that nearly all vanpool vans have darkened or silvered windows (privacy windows) which prevent traffic monitoring technicians from determining van occupancies. In addition, the traffic counting software used to tally occupancies does not have a higher classification than seven occupants. To provide a consistent basis for monitoring vanpool vehicles, the following methodology was adopted in 1990, and has been used by all COG/TPB monitoring projects since then:

1. Vanpools are defined as vans with 8 or more occupants.
2. Field technicians are instructed to use the "V" button for vanpools.
3. Field technicians are trained to identify a vanpool as a stretch van with privacy windows and an overhang of at least three feet from the rear wheel to the rear bumper (15 passenger van); or a van without privacy windows having eight or more occupants.
4. As part of training, field technicians are also shown several real stretch vans as reference points. All other vehicles are classified by occupancy, so a van with 5, 6, or 7 visible occupants would be counted with other vehicles having that occupancy.

In 1989, COG/TPB conducted a mail-back survey of vanpool operators. From this survey, a vanpool factor of 12 persons per van-pool van was developed, and has been used for all Cordon Counts since 1990 and this HOV Facilities Count.

APPENDIX H
TRAVEL TIME RUN METHODOLOGY

For travel time runs, the "floating car" methodology was used to collect speed and elapsed time data. This methodology requires a driver to keep up with the average speed of traffic, which means that about half of the vehicles in traffic pass the data collection car, and the other half of the vehicles are passed by the data collectors.

A stopwatch and "run sheet" were used by the second person in the data collection vehicle to record elapsed times, using a set of well-defined landmarks along the route.

HOV trips maximized use of available HOV lanes at all times. When conducting travel time runs in concurrent flow HOV lanes, drivers were instructed to drive at speeds at which they were keeping up with other vehicles in the HOV lanes.

APPENDIX I
BUS ROUTES ON THE HOV NETWORK

APPENDIX J
GLOSSARY of ABBREVIATIONS and TERMS

GLOSSARY of ABBREVIATIONS and TERMS

Abbreviation or term	Definition
Average auto occupancy	The numerator of the calculation is the number of auto passengers and drivers observed, plus the number of van-pools counted times 12. The denominator is the number of autos, auto-like vehicles, motorcycles and van-pools counted.
Automobile	Passenger cars, includes station wagons, taxicabs and limousines.
Auto-like vehicle	Vans (excepting vanpool vans), pickup trucks, other light trucks, sport-utility vehicles, recreational vehicles and panel trucks with single rear wheels, and generally with a gross vehicle weight of less than 10,000 pounds.
Barrier-separated HOV lane	HOV lane or lanes that are separated from conventional lanes by steel or concrete barriers. HOV lanes in the I-95/I-395 corridor are barrier-separated, as are two short sections of the I-270 HOV facility.
Carpool	Autos or auto-like vehicles used to transport at least two persons (three persons in the I-95/I-395 corridor).
COG/TPB	Metropolitan Washington Council of Governments/National Capital Region Transportation Planning Board.
Commuter Bus	Bus service oriented to the outer jurisdictions (cities of Annapolis, Frederick, Fredericksburg and Manassas, and counties of Anne Arundel, Frederick (Md.), Calvert, Charles, Howard, Loudoun, Prince William, Queen Anne's, St. Mary's, Stafford and Warren). Service is provided under contract to public entities such as PRTC, Loudoun County, the MTA (all commuter bus service in Maryland serving work-end destinations in the Washington region is operated under MTA contract), and by private firms (in Virginia) such as Brooks Transit, Lee, National Coach Works, and Quick's. Does not include van-pools.
Commuter rail	Passenger rail service oriented towards the schedules of

Abbreviation or term**Definition**

	commuters, and operated by the MTA (MARC rail) and the VRE.
Concurrent-flow HOV lanes	<p>HOV lanes which are not separated from the conventional lanes by a physical barrier.</p> <p>Pavement markings and highway signing are used to distinguish concurrent-flow HOV lanes from conventional lanes.</p>
Conventional lanes	Lanes running parallel to HOV lanes (as part of the same highway facility) that are not HOV restricted.
Exclusive HOV facility	A highway facility dedicated to HOV traffic during the HOV restricted period.
HOV	<p>High-occupancy vehicle.</p> <p>Includes autos and auto-like vehicles meeting the HOV requirement, motorcycles (regardless of the number of riders) and transit, commuter, charter, long-haul, school and prison buses.</p> <p>Includes trucks meeting the HOV requirement (on some HOV facilities).</p>
HOV-2	Autos and auto-like vehicles with two (or more) occupants.
HOV-3	Autos and auto-like vehicles with three (or more) occupants.
HOV-4	Autos and auto-like vehicles with four (or more) occupants.
HOV requirement	<p>No facilities in the Washington region are designated HOV-4 as of Fall 1997.</p> <p>Minimum number of persons needed in a vehicle in order to legally use an HOV facility.</p> <p>Generally expressed as HOV-2, HOV-3 or HOV-4, and varies by facility.</p>

Abbreviation or term	Definition
HOV-restricted period	<p>The time during which an HOV facility is restricted to HOV use only.</p> <p>Varies by facility.</p>
LOS	<p>Level of Service. Describes how well a transportation facility is performing (LOS A means no congestion, while LOS E describes a facility operating just short of capacity, and LOS F describes a facility that is failing).</p>
MDOT	<p>Maryland Department of Transportation.</p>
Metro	<p>See WMATA.</p>
Motorcycles	<p>A motor-driven vehicle with two or three wheels and designed to routinely operate at freeway speeds.</p>
MTA	<p>Mass Transit Administration, a modal administration of the Maryland Department of Transportation.</p> <p>Operates commuter bus lines and the three MARC commuter rail lines between points in Maryland and Union Station in Washington.</p>
PRTC	<p>Potomac and Rappahannock Transportation Commission.</p>
SHA	<p>State Highway Administration, a modal administration of the Maryland Department of Transportation.</p>
SOV	<p>Single-occupant vehicle - term applies to autos and auto-like vehicles when exactly one person is using the vehicle.</p>
Transit Bus	<p>Includes buses that serve the inner and core jurisdictions of the region. Transit service operated by WMATA (Metrobus), the Cities of Alexandria (DASH) and Fairfax (CUE), Fairfax County (Connector), Montgomery County (Ride-On) and Prince George's County (THE BUS).</p>
Trucks	<p>Trucks and recreational vehicles with a gross vehicle weight of 10,000 pounds or more, with at least six tires in contact with the pavement.</p> <p>Includes dump trucks, tractor-trailers and other medium and heavy-duty commercial vehicles.</p>

Abbreviation or term**Definition**

	<p>Does not include pickup trucks, vans and panel trucks with exactly four tires in contact with the pavement.</p> <p>The number of passengers in a truck is not recorded as part of COG/TPB's monitoring methodology.</p>
Vanpool	<p>A passenger (window) van with 1 seat for the driver and 14 seats for passengers generally referred to as a 15 seat van.</p> <p>In this report, van-pools are assumed to carry 12 persons per vehicle. This factor is based on a survey of vanpool operators done in 1989.</p> <p>Vanpools are included in the calculation for average auto occupancy.</p>
VDOT	Virginia Department of Transportation
VRE	Virginia Railway Express.
	<p>Operates two commuter rail lines between Northern Virginia and Union Station in Washington.</p>
WMATA	<p>Washington Metropolitan Area Transit Authority, a public transportation partnership between the District of Columbia, Maryland and Virginia.</p> <p>Synonymously referred to as Metro.</p>