

**2004 PERFORMANCE OF
REGIONAL HIGH-OCCUPANCY VEHICLE
FACILITIES ON FREEWAYS IN THE
WASHINGTON REGION**

September 23, 2005

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**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD**

ABSTRACT FORM

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REPORT ABSTRACT: This report contains a summary of data collected from high-occupancy vehicle (HOV) facilities located along Interstate highways and one toll road in the Washington, D.C. metropolitan region.	
SUBJECT: 2004 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 2004 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 2004:

- I-95/I-395 (Shirley Highway) in Northern Virginia (fully-barrier-separated HOV lanes);
- I-66 inside 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), which has a new concurrent-flow HOV lane; and
- 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, and 1999. Trends and changes are emphasized for the HOV-restricted periods inbound and outbound. The following major trends were observed:

- All of the HOV lanes in Spring 2004 were observed to carry more persons per lane during the HOV-restricted periods than adjacent non-HOV lanes, with the exceptions of the new concurrent-flow HOV lane on U.S. 50 John Hanson Highway, where per-lane person movements were found to be approximately the same in the HOV and non-HOV lanes, and the concurrent-flow HOV lane on I-270 at Md. 187 during the P.M. peak period.
- All of the HOV lanes provide savings in travel times when compared to non-HOV alternatives, especially the barrier-separated HOV lanes in the I-95/I-395 corridor in Northern Virginia.
- There generally has been a decline in average auto occupancy on the HOV facilities in Northern Virginia, particularly in the barrier-separated lanes, due in part to the hybrid vehicle exemption.

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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; and 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 (Shirley Highway) 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;
- Virginia Route 267 (Dulles Toll Road), where operation of concurrent-flow HOV lanes began in December 1998, connecting to I-66 via the Dulles Connector; and
- U.S. 50 (John Hanson Highway) in Prince George's County, Maryland.

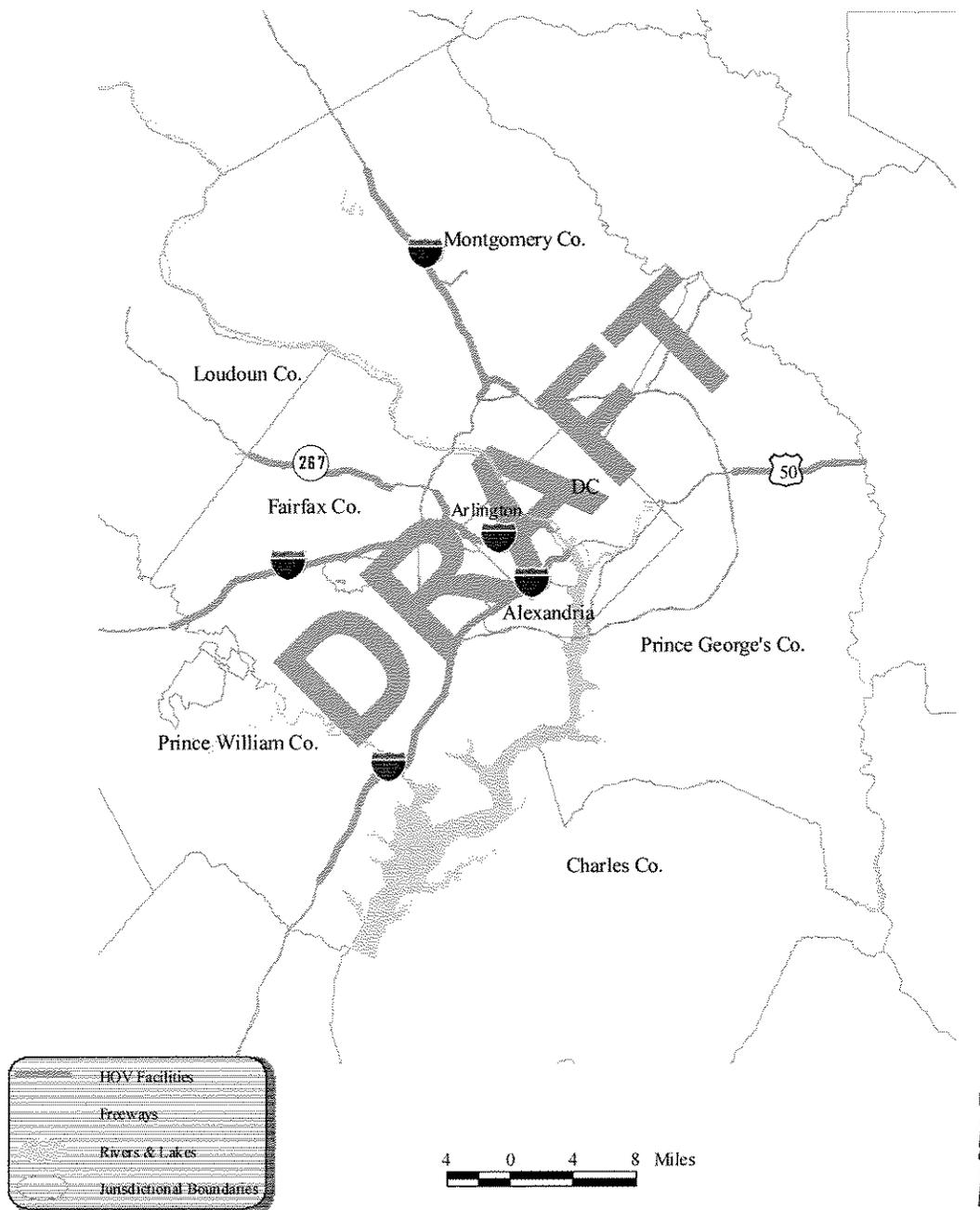
The Shirley Highway and I-66 HOV facilities provide direct access to the core employment centers of the region. I-270 and the I-270 Spur end at the Capital Beltway (I-495) and the new U.S. 50 HOV lanes end just prior to the Beltway. Va. 267's HOV system connects directly to I-66, providing access to 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 2004. 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, and 1999. Comparisons are given in this report between HOV performance in 2004 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; 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
Regional HOV Facilities**



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 1970's, COG/TPB has provided an automated matching service for car-pools and van-pools through its Commuter Connections program, formerly the Ride Finders Network and Commuter Club. Signs with Commuter Connections' telephone number have been placed along all four 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 car- and van-pools in 1975, with a restriction of HOV-4, which was reduced to HOV-3 in 1989. During the early and mid-1990's, 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 Virginia Route 234 (Business) in Prince William County just north of Manassas.

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/Maryland 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 Eij Highway to the I-270 "split" in North Bethesda. Northbound, a conventional lane was converted to HOV from the "split" to Maryland 118 at Germantown, and a new lane for HOV use was opened from Maryland 118 to Maryland 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.

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 9-mile stretch of U.S.50 John Hanson Highway in October 2002.

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III. DESCRIPTION OF THE HOV CORRIDORS

Summaries of physical characteristics and operational policies effective in the Spring of 2004 are presented in this chapter. All corridors have an extensive system of park-and-ride lots to support car-pool formation.¹ 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. A description of the operating characteristics for all of the HOV facilities monitored is presented in Table 1.

I-395/I-95 (Shirley Highway)

The HOV lanes in this corridor are entirely barrier-separated, and reversible, so 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 Virginia Route 234 (Dumfries Road) near Dumfries, Prince William County to South Eads Street near the Pentagon in Arlington County. Several HOV-only ramps provide direct access to the HOV lanes from park-and-ride facilities in Prince William County. 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. In southbound operation, non-HOV users may use the HOV lanes between the Turkeycock Run area (south of Virginia Route 236, Duke Street) and Springfield.

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. A map of the corridor is presented in Figure 2.

The corridor is also served by the Virginia Railway Express (VRE) Fredericksburg Line. The Metrorail Blue Line terminates in the corridor at Franconia-Springfield. Numerous bus lines serve the corridor, including Metrobus, the City of Alexandria's DASH, Fairfax Connector, PRTC OmniRide and private motor coach companies serving communities in Stafford and Spotsylvania Counties and the City of Fredericksburg.

¹ Please see the COG/TPB report *Washington Regional Park-and-Ride 1995 Inventory and Analysis* for a detailed description of lot locations and utilization.

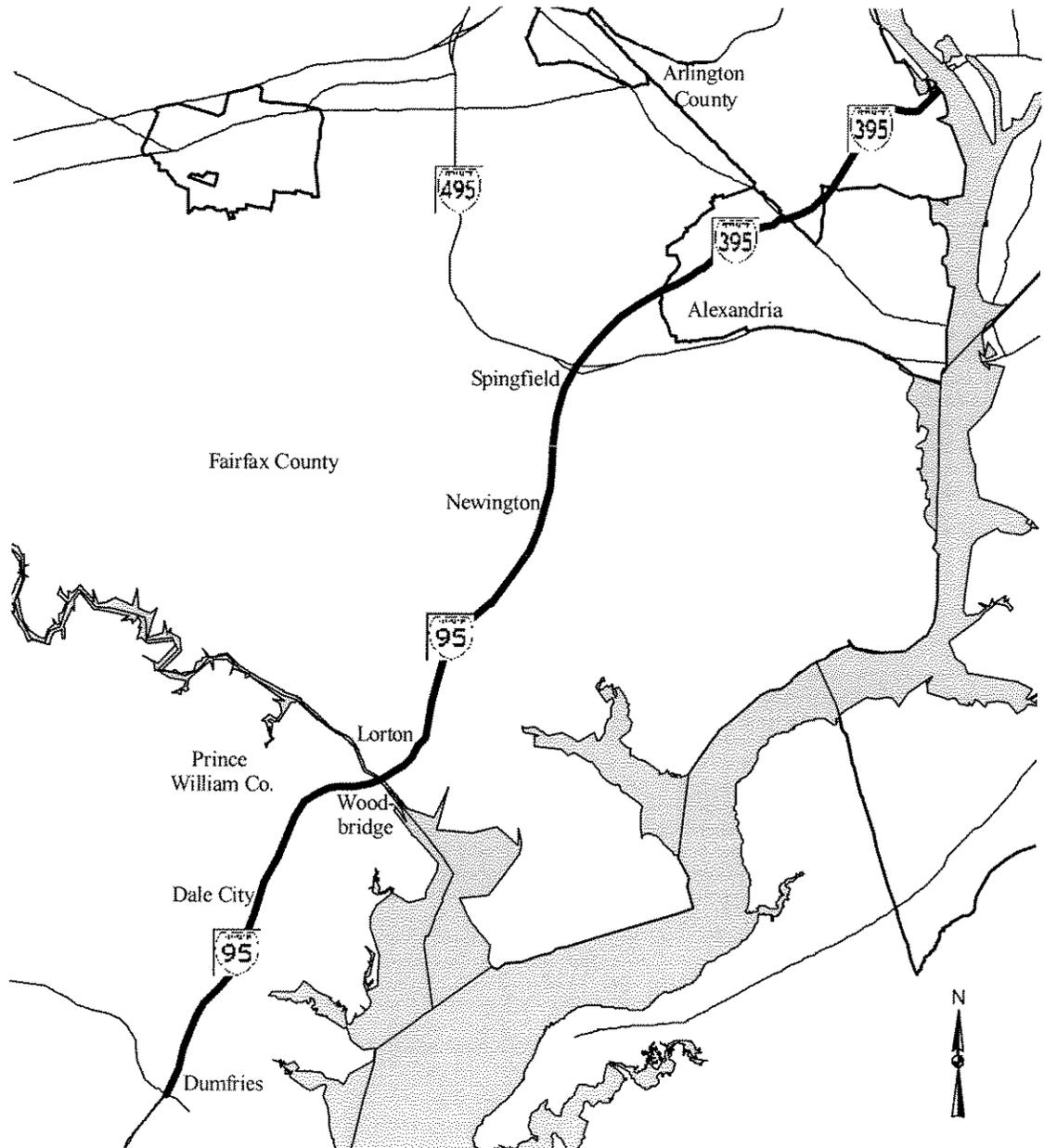
Table 1
2004 HOV Facility Summary

Facility Name	Length	Facility Description	Occupancy Requirement	AM HOV Period/ Direction	PM HOV Period/ Direction	Truck Restrictions	Motorcycles Restrictions ¹
I-95/I-395 Shirley Highway	28 miles	2 Lanes Barrier Separated, Reversible	3	6:00 - 9:00 AM (Northbound)	3:30 - 6:00 PM (Southbound)	Permitted with Occupancy Compliance North of Dale City, Prohibited South of Dale City	Permitted
I-66	28 miles	1 Lane Concurrent Flow Outside of the Beltway, 2 Lane exclusive facility inside the Beltway	2	5:30-9:30 AM Outside Beltway; 6:30- 9:00 AM Inside Beltway (Eastbound)	3:00-7:00 PM Outside Beltway; 4:00- 6:30 AM Inside Beltway (Westbound)	Prohibited	Permitted
I-270	9 miles Southbound; 18 miles Northbound	1 Lane Concurrent Flow	2	6:00- 9:00 AM (Southbound)	3:30- 6:30 PM (Northbound)	Prohibited	Permitted
VA 267 (Dulles Toll Road)	23 miles ²	1 Lane Concurrent Flow	2	6:30- 9:00 AM (Eastbound)	4:00- 6:30 PM (Westbound)	Permitted with Occupancy Compliance outside Beltway	Permitted
US 50	9 miles	1 Lane Concurrent Flow	2	(HOV Restrictions Effective 24-Hours)		Prohibited	Permitted

Notes: ¹ Motorcycles are permitted on all facilities

² Length includes the Washington Dulles Airport Access road and I-66 segment to the T.R. Bridge.

Figure 2
I-95 / I-395 HOV Corridor



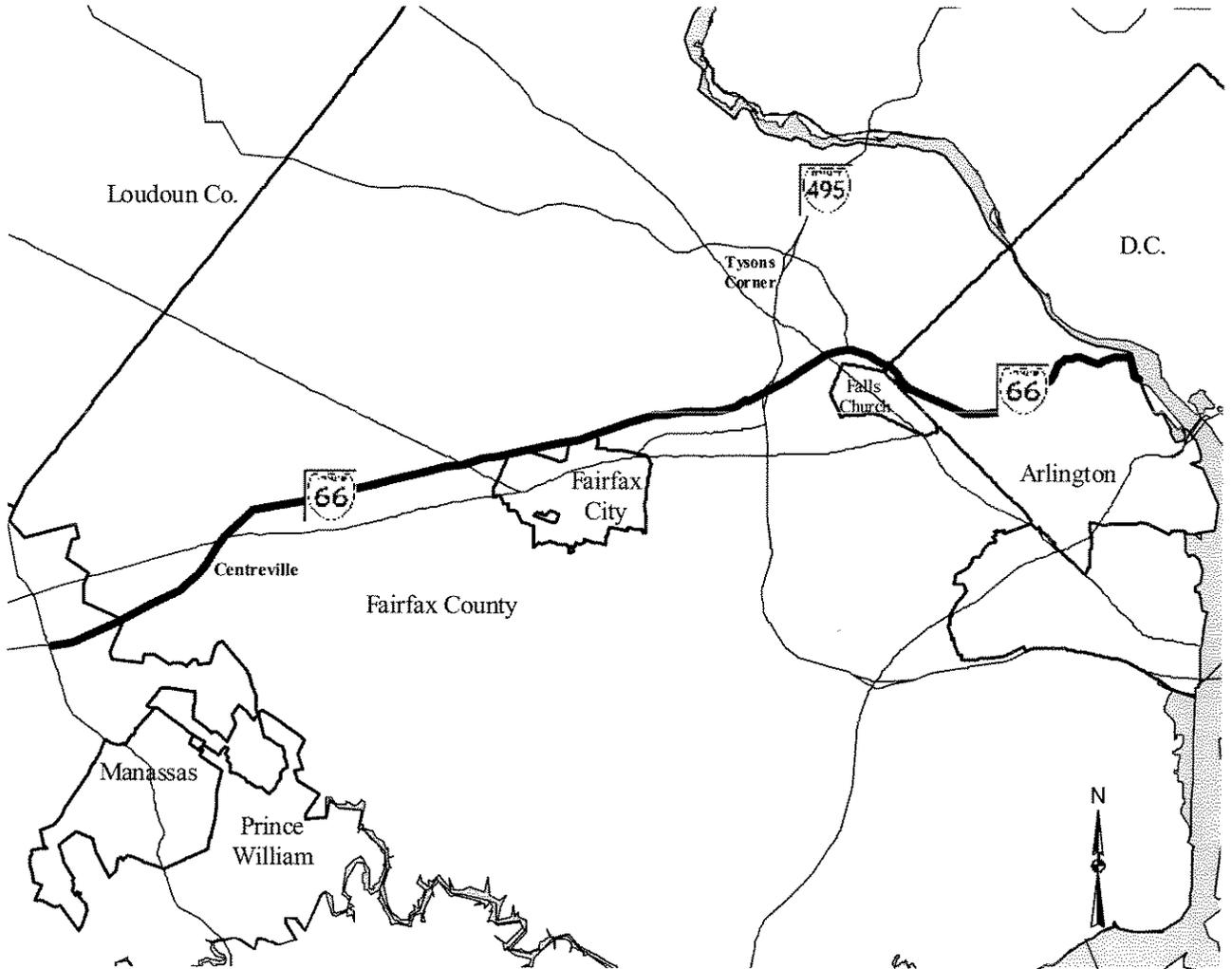
I-66

This HOV corridor consists of two distinct sections. Between the Capital Beltway (I-495) and Rosslyn, I-66 is restricted to HOV use only during the peak commute period in the peak direction. The Dulles Connector Road is subject to the same HOV restrictions as I-66 between Virginia Route 123 (Dolley Madison Boulevard) at McLean and I-66. Single-occupant vehicles (SOV) 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 Virginia Route 234 Business near Manassas and the Beltway, the HOV facility is a concurrent-flow lane. The entire HOV corridor is about 27 miles in length, about 9 miles inside the Beltway and 18 miles outside the Beltway.

Direct access to employment centers in Washington, D.C. 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 Virginia Route 243 (Nutley Street) south of Vienna and Fairfax Drive in Arlington. Four rail transit stations serve this section of the Orange Line. 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
I-66 HOV Corridor



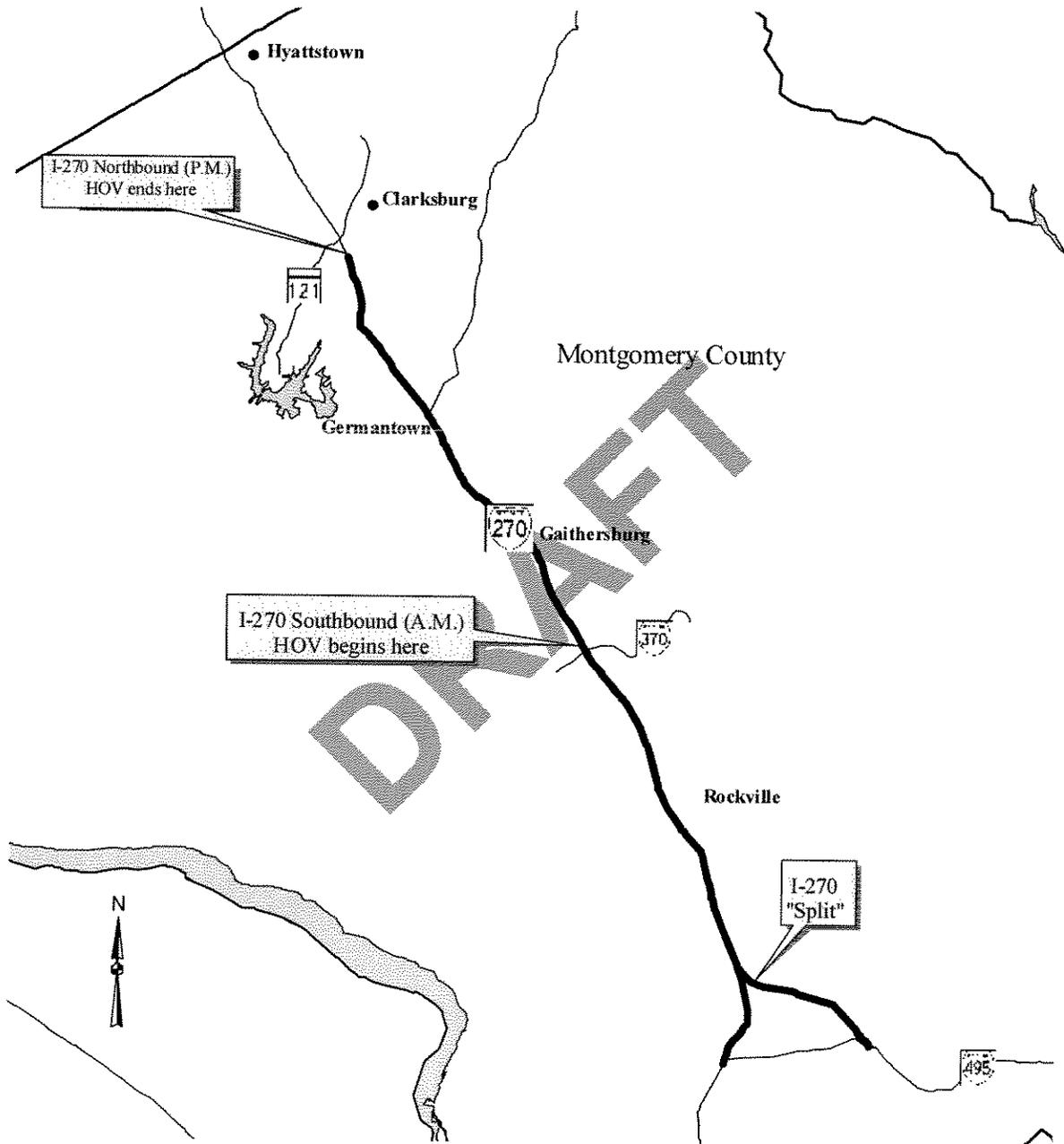
I-270

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 Spur is just under 2 miles long.

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 Maryland 121 near Clarksburg. A map of the I-270 corridor is shown in Figure 4.

The Metro Red Line serves the I-270 corridor from Shady Grove (I-370), and continues south to Bethesda and on to the downtown area of the District of Columbia. The Mass 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 Ride-On 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.

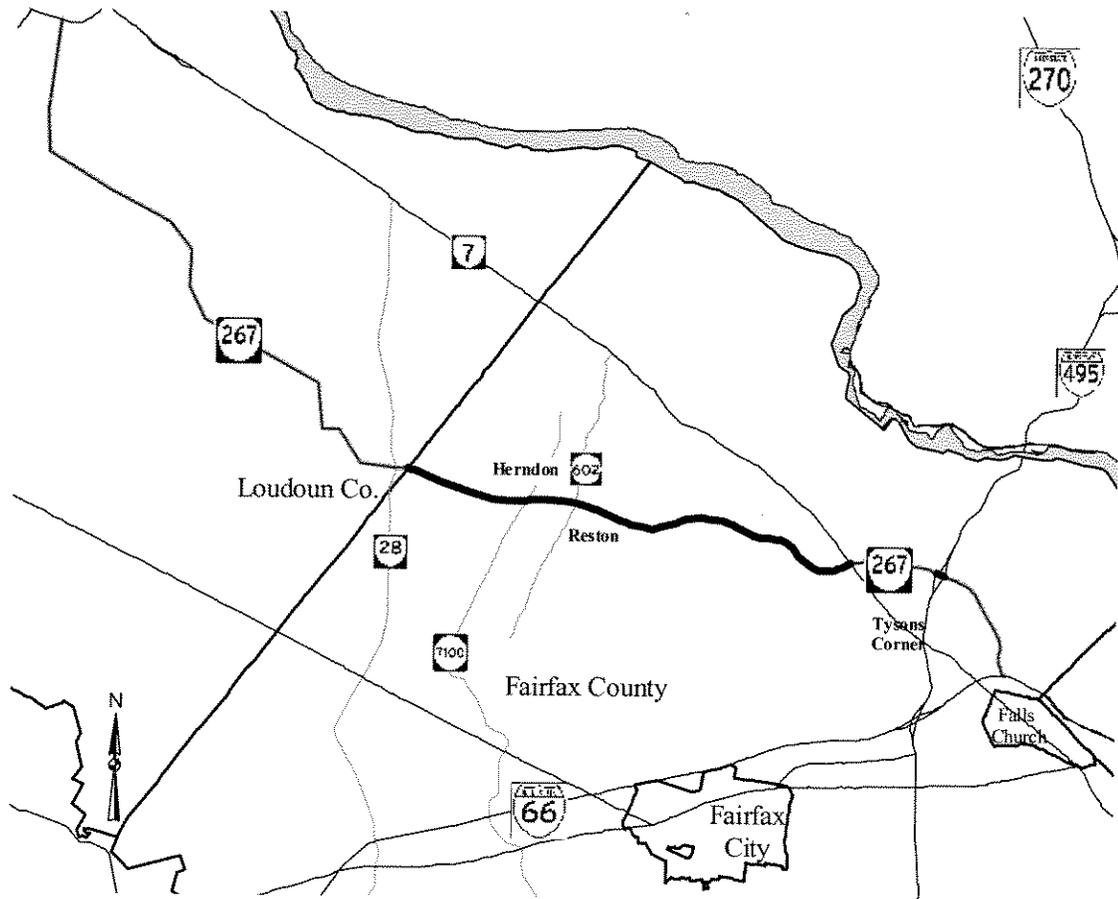
Figure 4
I-270 HOV Corridor



Va. 267 (Dulles Toll Road)

Concurrent-flow HOV lanes operate along this corridor from a point between Va. 28 (Sully Road) and Va. 657 (Centreville Road) to just west of Va. 7 (Leesburg Pike). There are no HOV lanes through the interchanges at Va. 7, the main toll barrier, Va. 684 (Spring Hill Road), I-495 and Va. 123. HOV restrictions apply to all lanes of the Dulles Connector road from east of Va. 123 to I-66. The Fairfax County Department of Transportation 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.).² WMATA operates bus service between Washington Dulles International Airport and the L'Enfant Plaza Metrorail station, with intermediate stops at Herndon/Monroe, Tysons Transit center and the Rosslyn Metrorail station.

Figure 5
Va. 267 HOV Corridor



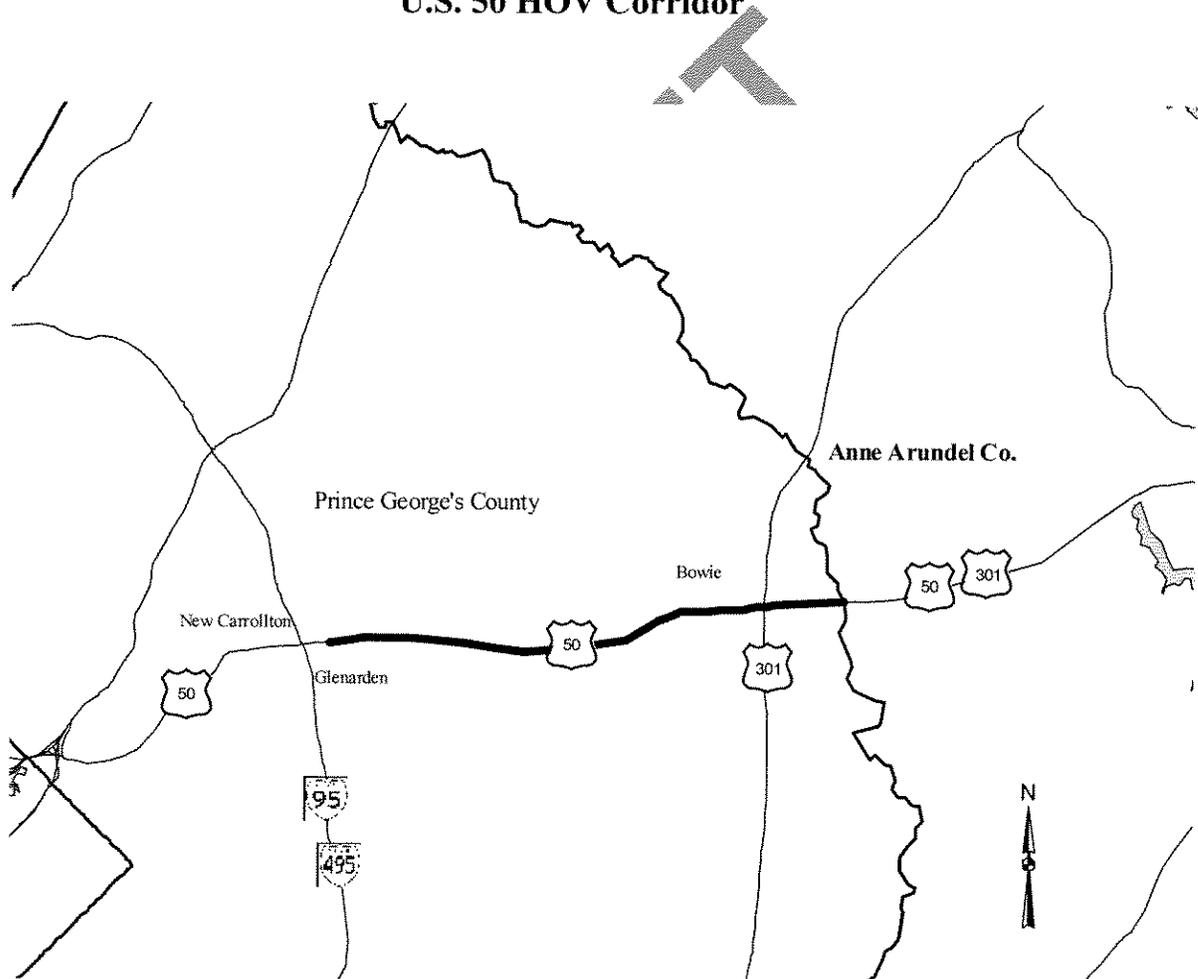
² By special arrangement with the Metropolitan Washington Airports Authority (MWAA), some buses serving the corridor are permitted to use the Dulles Access Road (normally restricted to airport traffic only).

U.S.50 (John Hanson Highway)

Concurrent-flow HOV lanes operate in the U.S. 50 (John Hanson Highway) Corridor from just west of the Md. 704 Martin Luther King Highway 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.

Buses operated the Washington Metropolitan Area Transit Authority (WMATA) and the Maryland Transit Administration (MTA) operate on the U.S. 50 HOV lanes. To the east, the buses serve the City of Bowie in Prince George's County, and the Annapolis and Crofton areas of Anne Arundel County. All WMATA buses 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
U.S. 50 HOV Corridor



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) or nearby and reasonably parallel to the HOV lanes.

Data collection was limited to 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 classify vehicles according to the standard COG/TPB counting methodology. Because of heavy traffic on interstate highways in the Washington region, generally one person was assigned per travel lane. A laptop personal computer running a simple BASIC denominator program was used to tally each vehicle and the number of passengers observed as it passed the counting station. The data were recorded onto disks for further processing.

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, Fairfax County Department of Transportation, 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/ VRE. In the I-270 corridor, transit data were collected by WMATA, Montgomery County and the MTA. The Fairfax County and the 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 of 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.

Travel Time Runs

Travel time data were collected in Spring, 2004 using the Afloating car@ methodology. Data were collected with the use of stopwatches and pre-printed run sheets for each corridor, showing landmarks and associated milepoints, 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, between 6:45 a.m. and 7:50 a.m. in the inbound direction. Afternoon runs started from the inner limits of each corridor, between 4:45 p.m. and 5:20 p.m. The number of floating car travel time runs conducted on each facility is presented in Table 2.

Table 2
2004 Regional HOV Monitoring
Number of 'Floating Car' Travel Time Runs by Facility & Time Period
(All Runs Made in the Peak-Flow Direction)

Facility	Origin/Destination	AM Period		PM Period	
		HOV	Non-HOV	HOV	Non-HOV
I-95/I-395	From Va.619 to the Pentagon	9	9	6	6
I-66	From Va.234 to TR Bridge	7	7	7	7
I-270	From I-370 to MD 187 (E.Spur)	7	7	6	6
	From I-370 to Democracy (W.Spur)	4	5	6	6
Va. 267	From Va 28 to TR Bridge	8	8	7	8
US 50	From US 301 to MD 410	16	16	16	15

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 and auto-like vehicle; 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 funds State Police overtime to supplement routine enforcement, which is conducted on randomly-selected days at randomly-selected 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 corridor are aware of the HOV restriction, and enforce HOV restrictions in addition to other duties. The State Highway Administration of the Maryland Department of Transportation 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. 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 van-pools counted times 12 (See Appendix G, Van-pool Monitoring Method). The denominator is the number of autos, auto-like vehicles and van-pools counted.

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. However, this is not always the case. 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, clean fuel vehicles (those powered by compressed natural gas (CNG) may use the HOV lanes regardless of occupancy). 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, and 2004 are shown in Tables 5 and 6 for A.M. and P.M. HOV-restricted periods, respectively.

Average auto occupancies in 2004 during the A.M. peak period were highest on HOV lanes in the corridors with HOV-3 restrictions, I-95 and I-395. The average auto occupancy on the I-95 HOV lanes south of I-495 was 2.6, and the average on the I-395 HOV lanes was 2.5. On facilities designated HOV-2, observed average auto occupancies during the A.M. peak period ranged from 1.5 to 2.0. During the P.M. peak period in 2004, average auto occupancy on I-395 was observed at 2.8 and at 2.7 on I-95. In the corridors with HOV-2 restrictions, the average ranged from 1.5 to 2.1.

Auto occupancy averages observed in 2004 declined noticeably from those experienced in 1999 for I-95, I-395, and I-66 inside the Capital Beltway. Average auto occupancy remained the same or increased slightly on Va. 267 and I-66 outside the Capital Beltway. The increased use of hybrid (non-HOV) autos in the barrier-separated HOV lanes where time savings are greatest may offer some explanation.

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Table 3
Observed average auto occupancies in the A.M. peak direction
during HOV-restricted periods (Spring, 2004)

Facility	HOV lane average auto occupancies	Number of autos needed to move 1000 persons at HOV occupancy rate	Non-HOV lane average auto occupancies	Number of autos needed to move 1000 persons at non-HOV occupancy rate
I-395 (Shirley Highway) north of Va. 120 (Glebe Road)	2.5	400	1.1	910
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway)	2.6	380	1.1	910
I-66 (exclusive HOV facility, east of I-495)	1.7	590	N/A	N/A
I-66 (concurrent-flow HOV facility west of I-495)	2.0	500	1.1	910
I-270 at Md. 187 (Old Georgetown Road)	1.9	530	1.1	910
I-270 (West Spur) at Democracy Boulevard	1.5	670	1.1	910
I-270 North of "split"	1.7	590	1.1	910
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	1.8	560	1.1	910
U.S. 50 (At MD 197 & MLK, Jr. HWY)	1.6	630	1.0	1000

Table 4
Observed average auto occupancies in the P.M. peak direction
during HOV-restricted periods (Spring, 2004)

Facility	HOV lane average auto occupancies	Number of autos needed to move 1000 persons at HOV occupancy rate	Non-HOV lane average auto occupancies	Number of autos needed to move 1000 persons at non-HOV occupancy rate
I-395 (Shirley Highway) north of Va. 120 (Glebe Road)	2.8	360	1.2	830
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway)	2.7	370	1.2	830
I-66 (exclusive HOV facility, east of I-495)	1.7	590	N/A	N/A
I-66 (concurrent-flow HOV facility west of I-495)	2.0	500	1.1	910
I-270 at Md. 187 (Old Georgetown Road)	2.1	480	1.1	910
I-270 (West Spur) at Democracy Boulevard	1.5	670	1.1	910
I-270 North of "split"	1.8	560	1.1	910
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	1.8	560	1.1	910
U.S 50 (At MD 197 & MLK, Jr. HWY)	2.1	480	1.1	910

Table 5
Observed average HOV auto occupancies
in the A.M. Peak Direction Over Time

Facility	Year			
	1997	1998	1999	2004
I-395 (Shirley Highway) north of Va. 120 (Glebe Road)	2.7	2.6	2.9	2.5
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway)	2.6	2.8	2.8	2.6
I-66 (exclusive HOV facility, east of I-495)	1.8	1.8	1.8	1.7
I-66 (concurrent-flow HOV facility west of I-495)	2.0	1.7	1.9	2.0
I-270 at Md. 187 (Old Georgetown Road)	1.9	1.7	1.7	1.9
I-270 (West Spur) at Democracy Boulevard	1.9	1.8	1.8	1.5
I-270 North of Split	N/A	N/A	N/A	1.7
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	N/A	N/A	1.8	1.8
U.S 50 (At MD 197 & MLK, Jr. HWY)	N/A	N/A	N/A	1.6

Table 6
Observed Average Auto Occupancies
in the P.M. Peak Direction Over Time

Facility	Year			
	1997	1998	1999	2004
I-395 (Shirley Highway) north of Va. 120 (Glebe Road)	3.1	3.1	3.2	2.8
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway)	2.9	2.7	3.0	2.7
I-66 (exclusive HOV facility, east of I-495)	1.8	1.8	1.9	1.7
I-66 (concurrent-flow HOV facility west of I-495)	2.0	2.0	1.9	2.0
I-270 at Md. 187 (Old Georgetown Road)	2.1	1.8	1.6	2.1
I-270 (West Spur) at Democracy Boulevard	2.1	1.8	2.1	1.5
I-270 North of Split	N/A	N/A	N/A	1.8
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	N/A	N/A	1.8	1.8
U.S 50 (At MD 197 & MLK, Jr. HWY)	N/A	N/A	N/A	2.1

Person Movements

HOV facilities can move much higher numbers of people than can conventional highways, especially when motorists comply with HOV restrictions. In addition, HOV facilities serve more travelers in fewer vehicles. Shown in Tables 7 and 8 are 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.

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. In some cases, person-moving differences between HOV and non-HOV facilities during the peak hour are significant. For example, during the A.M. peak hour on I-395, the barrier-separated HOV lanes were able to serve 11,300 persons in two lanes, while four conventional lanes moved 8,800 persons. In the afternoon peak hour, I-95 at Newington moved 9,100 persons in two HOV lanes, and 3,700 in four non-HOV lanes. The exclusive HOV section of I-66 served 6,500 persons in one hour in the A.M. and 6,600 in the P.M. peak hour. 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 4,700. Along I-270 north of the "split", the southbound HOV lane served 3,300 persons in the A.M. peak hour, while five conventional lanes served 8,900 persons. At this location in the northbound (P.M.) direction, one HOV lane served 3,300 travelers, while 5 non-HOV lanes carried 11,000.

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 2004, 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 2004. 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 and 1999. A comparison of 1997 and 1999 observed times is made with times observed in 2004 in Table 11 for the A.M. peak period and in Table 12 for the P.M. peak period.

The time savings during the A.M. peak period in 2004 are greater in 2004 than in 1999, with the exception of I-66. During the P.M. peak period, however, the pattern is decreased time savings in nearly all corridors.

Shown in Tables 13 and 14 are detailed travel time run comparisons in 2004 for HOV and Non-HOV lanes during the A.M. peak period and the P.M. peak period, respectively. Savings expressed as minutes per mile are also shown, illustrating that the A.M. peak period time savings decline on I-66 is likely due to congestion on the concurrent-flow lane outside the Capital Beltway.

**Table 7
Observed person movements in the A.M. peak direction
during HOV-restricted periods (Spring, 2004)**

Facility and HOV-restricted period	Number of HOV lanes	HOV lane person movements (autos, vans, pools, motorcycles and buses) 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 (Shirley Highway) north of Va. 120 (Glebe Road) 6 - 9 A.M.	2	30,669	5,160	4	23,461	2,000
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway) 6 - 9 A.M.	2	23,268	3,900	4	19,304	1,600
I-66 (exclusive HOV facility, east of I-495) 6:30 - 9 A.M.	2	15,697	3,100	0	N/A	N/A
I-66 (concurrent-flow HOV facility west of I-495) 5:30 - 9:30 A.M.	1	8,725	2,200	3	15,620	1,300
I-270 at Md. 187 (Old Georgetown Road) 6 - 9 A.M.	1	5,236	1,700	3	14,372	1,600
I-270 (West Spur) at Democracy Boulevard 6 - 9 A.M.	1	4,635	1,500	3	10,822	1,200
I-270 north of "split" 6 - 9 A.M.	1	9,871	3,300	5	25,194	1,700
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 6:30 - 9 A.M.	1	7,703	3,100	3	12,212	1,600
U.S 50 (At MD 197 & MLK, Jr. HWY) 24/7 (assume 5 hours here)	1	3,398	700	3	17,718	1,200

**Table 8
Observed person movements in the P.M. peak direction
during HOV-restricted periods (Spring, 2004)**

Facility and HOV-restricted period	Number of HOV lanes	HOV lane person movements (autos, vans, pools, motorcycles and buses) 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 (Shirley Highway) north of Va. 120 (Glebe Road) 3:30 - 6 P.M.	2	25,302	5,100	4	19,201	1,900
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway) 3:30 - 6 P.M.	2	20,423	4,100	4	8,822	900
I-66 (exclusive HOV facility, east of I-495) 4 - 6:30 P.M.	2	15,128	3,000	0	N/A	N/A
I-66 (concurrent-flow HOV facility west of I-495) 3 - 7 P.M.	1	11,737	2,900	3	20,129	1,700
I-270 at Md. 187 (Old Georgetown Road) 3:30 - 6:30 P.M.	1	5,549	1,800	3	16,632	1,800
I-270 (West Spur) at Democracy Boulevard 3:30 - 6:30 P.M.	1	5,006	1,700	3	13,885	1,500
I-270 north of "split" 3:30 - 6:30 P.M.	1	10,555	3,500	5	30,517	2,000
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 4 - 6:30 P.M.	1	5,387	2,200	3	14,186	1,900
U.S 50 (At MD 197 & MLK, Jr. HWY) 24/7 (assume 5 hours here)	1	4,611	900	3	15,731	1,000

Table 9
A.M. peak hour person movements during
HOV-restricted periods (Spring 2004)

Facility and peak hour within HOV-restricted period	Number of HOV lanes	HOV lane person movements (autos, vans, pools, motorcycles and buses) during HOV-restricted period peak hour	Number of non-HOV lanes	Non-HOV lane person movements during HOV-restricted period peak hour
I-395 (Shirley Highway) north of Va. 120 (Glebe Road) 7 - 8 A.M.	2	11,328	4	8,832
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway) 6 - 7 A.M.	2	10,662	4	6,846
I-66 (exclusive HOV facility, east of I-495) 7:30 - 8:30 A.M.	2	6,478	0	N/A
I-66 (concurrent-flow HOV facility west of I-495) 6:00 - 7:00 A.M.	1	2,995	3	4,722
I-270 at Md. 187 (Old Georgetown Road) 7:30 - 8:30 A.M.	1	1,886	3	4,932
I-270 (West Spur) at Democracy Boulevard 7:00 - 8:00 A.M.	1	1,571	3	3,698
I-270 north of "split" 7:30 - 8:30 A.M.	1	3,286	5	8,929
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 8 - 9 A.M.	1	3,338	3	6,234
U.S. 50 (At MD 197 & MLK, Jr. HWY) 7 - 8 A.M.	1	1,006	3	4,894

**Table 10
P.M. peak hour person movements during
HOV-restricted periods (Spring 2004)**

Facility and peak hour within HOV-restricted period	Number of HOV lanes	HOV lane person movements (autos, vans, pools, motorcycles and buses) during HOV-restricted period peak hour	Number of non-HOV lanes	Non-HOV lane person movements during HOV-restricted period peak hour
I-395 (Shirley Highway) north of Va. 120 (Glebe Road) 4:30 - 5:30 P.M.	2	11,055	4	8,093
I-95 (Shirley Highway) north of Va. 7100 (Fairfax County Parkway) 4:30 - 5:30 P.M.	2	9,073	4	3,672
I-66 (exclusive HOV facility, east of I-495) 5:30 - 6:30 P.M.	2	6,563	0	N/A
I-66 (concurrent-flow HOV facility west of I-495) 5 - 6 P.M.	1	2,734	3	5,761
I-270 at Md. 187 (Old Georgetown Road) 5 - 6 P.M.	1	1,701	3	6,068
I-270 (West Spur) at Democracy Boulevard 4 - 5 P.M.	1	1,605	3	4,890
I-270 north of "split" 4:30 - 5:30 P.M.	1	3,306	5	10,958
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 5 - 6 P.M.	1	2,193	3	6,453
U.S 50 (At MD 197 & MLK, Jr. HWY) 4 - 7:00 P.M.	1	1,383	3	6,118

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

Facility	HOV route travel time (minutes)			Non-HOV route travel time (minutes)			Time Savings (HOV Time - Non-HOV Time)		
	1997	1999	2004	1997	1999	2004	1997	1999	2004
I-95/I-395 (northbound) From Va.234 (Dumfries) to Va. end of 14th St. Bridge <i>HOV route is 28.1 miles</i>	26 (+/- 1)	27 (+/- 1)	29 (+/- 4)	65 (+/- 6)	58 (+/- 3)	66 (+/- 15)	-39	-31	-37
I-66 (eastbound) From Va.234 Business (Manassas) to Va. end of T. Roosevelt Bridge <i>HOV route is 27.8 miles</i>	43 (+/- 3)	41 (+/- 8)	53 (+/- 8)	71 (+/- 11)	69 (+/- 5)	70 (+/- 14)	-28	-28	-17
I-270 & E.Spur (southbound) From I-370 to Old G'town Road <i>HOV route is 8.8 miles</i>	11 (+/- 1)	18 (+/- 1)	13 (+/- 2)	16 (+/- 3)	22 (+/- 4)	19 (+/- 3)	-5	-4	-6
I-270 & W.Spur (southbound) From I-370 to Democracy Blvd. <i>HOV route is 8.6 miles</i>	11 (+/- 2)	16 (+/- 3)	14 (+/- 7)	17 (+/- 4)	23 (+/- 3)	22 (+/- 3)	-6	-7	-8
Va.267/I-66 (eastbound) From Va.28 to Va. end of T. Roosevelt Bridge <i>HOV route is 23.4 miles</i>	N/A	31 (+/- 1)	28 (+/- 1)	N/A	51 (+/- 5)	48 (+/- 2)	N/A	-20	-20
U.S.50 (westbound) From U.S.301/Md.3 to Md.410 <i>HOV route is 9.0 miles</i>	N/A	N/A	9 (+/- 0)	N/A	13 (+/- 2)	12 (+/- 2)	N/A	N/A	-3

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 SmartTag transponder.
- All travel time savings shown are statistically significant at the 95% confidence level using a one-tailed difference of mean test.
- Confidence margins 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% Confidence Margins in Parenthesis)

Facility	HOV route travel time (minutes)			Non-HOV route travel time (minutes)			HOV Time Savings (HOV Time - Non-HOV Time)		
	1997	1999	2004	1997	1999	2004	1997	1999	2004
I-95/I-395 (southbound) From Va. end of 14th St. Bridge to Va. 619 <i>HOV route is 28.4 miles</i>	26 (+/- 2)	28 (+/- 1)	25 (+/- 0)	60 (+/- 6)	64 (+/- 12)	53 (+/- 10)	-34	-36	-28
I-66 (westbound) From Va. end of T. Roosevelt Bridge to Va. 234 (Business) <i>HOV route is 27.9 miles</i>	27 (+/- 1)	32 (+/- 2)	34 (+/- 3)	44 (+/- 7)	57 (+/- 6)	56 (+/- 6)	-17	-25	-22
I-270 (northbound) From Old G'town Road to Md. 121 <i>HOV route is 18.4 miles</i>	17 (+/- 1)	19 (+/- 1)	19 (+/- 2)	26 (+/- 6)	28 (+/- 4)	31 (+/- 8)	-9	-9	-12
I-270&Spur (northbound) From Capital Beltway to Md. 121 <i>HOV route is 18.1 miles</i>	18 (+/- 1)	18 (+/- 1)	20 (+/- 4)	30 (+/- 12)	27 (+/- 1)	28 (+/- 8)	-12	-10	-8
Va.267/I-66 (westbound) From Va. end of T. Roosevelt Bridge to Va. 28 <i>HOV route is 24.2 miles</i>	N/A	27 (+/- 3)	28 (+/- 1)	N/A	36 (+/- 5)	32 (+/- 2)	N/A	-9	-4
U.S.50 (eastbound) From Md.410 to Md.3/U.S.301 <i>HOV route is 9.1 miles</i>	N/A	N/A	8 (+/- 0)	N/A	10 (+/- 5)	10 (+/- 1)	N/A	N/A	-2

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 SmartTag transponder.
- All travel time savings shown are statistically significant at the 95% confidence level using a one-tailed difference of mean test.
- Confidence margins computed at 95% confidence level using two-tailed test.

Table 13
2004 Regional HOV Monitoring
A.M. Peak Direction Travel Time Summary for HOV and non-HOV Lanes

Facility	Facility Section	Length (miles)	Time(min)		Time Savings	
			HOV	Non-HOV	in Minutes	in Min./Mi.
I-95/I-395	From Va.619 to the Pentagon	28.1	29	66	37	1.3
	Outside Beltway	18.4	17	43	26	1.4
	Inside Beltway	9.7	12	23	11	1.1
I-66	From Va.234 to TR Bridge	27.8	53	70	17	0.6
	Outside Beltway	17.3	37	38	1	0.1
	Inside Beltway	10.5	16	31	15	1.4
I-270	From I-370 to MD 187 (E.Spur)	8.8	13	19	6	0.7
	From I-370 to Democracy (W.Spur)	8.6	14	22	8	0.9
Va. 267	From Va.28 to TR Bridge	23.4	28	48	20	0.9
	Va. 267 only	14.9	12	15	3	0.2
US 50	From US 301 to MD 410	9.0	9	12	3	0.3

Table 14
2004 Regional HOV Monitoring
P.M. Peak Direction Travel Time Summary for HOV and non-HOV Lanes

Facility	Facility Section	Length (miles)	Time(min)		Time Savings	
			HOV	Non-HOV	in Minutes	in Min./Mi.
I-95/I-395	From Pentagon to Va.619	28.4	25	53	28	1.0
	Outside Beltway	17.1	16	36	20	1.2
	Inside Beltway	10.1	9	17	8	0.8
I-66	From TR Bridge to Va. 234	27.9	34	56	22	0.8
	Outside Beltway	17.1	22	34	12	0.7
	Inside Beltway	10.4	12	22	10	1.0
I-270	Md.187 (E.Spur) to Md.121	18.4	19	31	12	0.7
	Democracy (W.Spur) to Md.121	18.1	20	28	8	0.4
Va. 267	From TR Bridge to Va. 28	24.2	28	32	4	0.2
	Va. 267 only	15.5	16	23	7	0.5
US 50	From US 301 to MD 410	9.1	8	10	2	0.2

VI. CONCLUSIONS

When combined with data obtained in 1997, 1998, and 1999, the 2004 data reveal the following:

- Barrier-separated and exclusive HOV facilities continue to provide substantial savings in travel time.
- HOV lane person throughput on a per lane per hour basis continues to outperform adjacent non-HOV lanes.
- Travel time benefits from some concurrent-flow HOV lanes are increasingly marginalized due to enforcement challenges and increasing congestion in adjacent non-HOV lanes.
- There is a marked decline in average auto occupancies on Virginia HOV lanes due in part to the hybrid vehicle exemption, but also due to growth in other non-HOV vehicles.

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APPENDIX A

A.M. HOV OCCUPANCY / CLASSIFICATION COUNTS

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I-395 A
 I-395 North at the Pentagon
 Facility Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos Van-pools + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Auto Passengers + MC	Trucks	Vehicles	Total	Rail Metro Comm.			
	1	2	3+	1	2	3+	Transit	Other	Trans						Other	Riders	+ Bus Pass.	Riders	+ MC									
5:00 - 5:30	1,391	148	10	10	1.11	7.55	10	1,569	1,738	0	2	0	54	0	0	0	1,792	43	1,614	0	0	0	0	0				
5:30 - 6:00	2,804	400	20	21	1.21	7.61	17	3,262	3,933	1	8	1	234	0	0	0	4,168	58	3,329	626	0	0	0	0				
6:00 - 6:30	2,467	518	88	55	1.43	6.68	27	3,155	4,485	1	16	8	456	0	0	0	4,949	51	3,223	828	0	0	0	0				
6:30 - 7:00	1,827	409	564	73	1.84	4.13	36	2,909	5,310	2	17	19	489	0	0	0	5,818	51	2,979	1,890	0	0	0	0				
7:00 - 7:30	2,205	450	598	21	1.61	3.49	69	3,343	5,337	1	25	16	735	0	0	0	6,088	46	3,415	1,905	0	0	0	0				
7:30 - 8:00	2,842	515	452	7	1.41	3.27	47	3,863	5,419	3	19	46	567	0	0	0	6,032	59	3,944	2,836	0	0	0	0				
8:00 - 8:30	3,113	632	276	10	1.33	3.41	30	4,061	5,383	2	33	43	1,047	0	0	0	6,473	70	4,166	3,419	0	0	0	0				
8:30 - 9:00	2,556	479	250	5	1.32	3.27	23	3,313	4,371	3	26	37	828	0	0	0	5,236	46	3,388	2,531	0	0	0	0				
9:00 - 9:30	2,963	433	60	7	1.18	4.07	7	3,470	4,109	1	13	0	423	0	0	0	4,532	61	3,545	1,827	0	0	0	0				
9:30 - 10:00	2,741	350	59	10	1.19	4.65	7	3,167	3,769	0	23	0	759	0	0	0	4,528	110	3,300	763	0	0	0	0				
Vehicles																								14	182	595	32,903	
Persons																								170	5,592	49,616	16,625	

HOV Restricted

	5 Hours		Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	(6:00 AM - 7:30 AM)	(7:30 AM - 8:30 AM)
Highway Passengers	49,616	34,596	12,505	12,505
Rail Passengers	16,625	13,409	6,255	6,255
Auto and Motorcycle Passengers	43,854	30,305	10,802	10,802
Autos and Motorcycles	32,112	20,644	7,924	7,924
Average Auto Occupancy (Includes Motorcycles)	1.37	1.47	1.36	1.36

I-395 A

I-395 North at the Pentagon

HOV Total

HOV Restriction Period 6:00 AM - 9:00 AM

Spring, 2004

HOV count disk was not readable - HOV count (this station only) data are from Fall 2003

Time	1			2			3+			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Van-pools (MC)	Motor-cycles (MC)	Total Autos + MC			Total Auto Riders + MC			Total Auto Passengers + MC			Trucks	Total Vehicles	Rail Metro Comm.
	Autos	Autos	Autos	Auto Occ.	Auto Occ.	Auto Occ.	Van-pools	Van-pools	Van-pools					Riders	Transit	Other	Other	Trans	Other	Other	Bus Passengers	Bus Pass.			
5:00 - 5:30	537	36	3	6	1.00	9.00	9	591	589	0	2	0	54	0	2	0	0	0	643	6	599	0	0		
5:30 - 6:00	624	93	12	16	1.39	8.14	9	754	1,047	1	5	1	135	1	5	1	135	1,183	3	763	551	0			
6:00 - 6:30	387	148	33	39	2.06	7.88	14	621	1,264	1	12	8	324	1	12	8	324	1,596	1	635	1,400	0	0		
6:30 - 7:00	115	120	522	70	3.39	4.14	33	860	2,836	2	12	19	324	2	12	19	324	3,179	5	879	2,615	0	0		
7:00 - 7:30	106	117	548	18	2.90	3.44	29	818	2,314	1	15	16	405	1	15	16	405	2,735	4	838	3,737	0	0		
7:30 - 8:00	126	138	419	3	2.54	3.18	29	715	1,771	3	10	46	270	3	10	46	270	2,087	2	730	4,738	0	0		
8:00 - 8:30	124	160	208	3	2.26	3.20	21	516	1,141	2	7	43	189	2	7	43	189	1,373	6	531	5,499	0	0		
8:30 - 9:00	146	80	167	3	2.15	3.20	12	408	862	3	5	37	135	3	5	37	135	1,034	7	423	4,825	0	0		
9:00 - 9:30	506	100	30	3	1.31	3.91	4	643	839	1	1	1	27	1	1	1	27	867	17	662	2,728	0	0		
9:30 - 10:00	482	86	18	6	1.32	5.38	5	597	788	0	0	0	0	0	0	0	0	788	20	617	1,808	0	0		
Vehicles	3,153	1,078	1,960	167			165	6,523	13,451	14	69	171	1,863	15,485	71	6,677	27,901								
Persons	3,043	2,156	6,083	2,004																					

HOV Restricted

	5 Hours	Period		Peak Hour
		(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	15,485	12,004	3,460	
Rail Passengers	27,901	22,814	10,237	
Autos and Motorcycle Passengers	13,451	10,188	2,912	
Average Auto Occupancy (Includes Motorcycles)	2.06	2.59	2.37	

I-395 A

I-395 North at the Pentagon

Conventional Total

HOV Restriction Period 6:00 AM - 9:00 AM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+ Autos+ Motor-cycles (MC)			Total Autos + MC			Total Auto Passengers + MC			Total Rail Vehicles to Comm.		
	1 Autos	2 Autos	3+ Autos	Van-pools	Avg. Auto Occ.	Avg. Van-pools Auto Occ.	Van-pools	Motor-cycles (MC)	Van-pools	Motor-cycles (MC)	Van-pools	Motor-cycles (MC)	Transit	Other	Other	Trans	Other	Other	Trucks	Trucks	Rail Comm.
5:00 - 5:30	854	112	7	4	1.18	6.36	1	978	1,149	0	0	0	0	0	0	0	0	1,149	37	1,015	0
5:30 - 6:00	2,180	307	8	5	1.15	6.46	8	2,508	2,886	0	3	0	99	0	0	0	0	2,985	55	2,566	0
6:00 - 6:30	2,080	370	55	16	1.27	5.46	13	2,534	3,221	0	4	0	132	0	0	0	0	3,353	50	2,588	0
6:30 - 7:00	1,712	289	42	3	1.21	4.02	3	2,049	2,474	0	5	0	165	0	0	0	0	2,639	46	2,100	0
7:00 - 7:30	2,099	333	50	3	1.20	4.11	40	2,525	3,023	0	10	0	330	0	0	0	0	3,353	42	2,577	0
7:30 - 8:00	2,716	377	33	4	1.16	4.32	18	3,148	3,648	0	9	0	297	0	0	0	0	3,945	57	3,214	0
8:00 - 8:30	2,989	472	68	7	1.20	4.00	9	3,545	4,242	0	26	0	858	0	0	0	0	5,100	64	3,635	0
8:30 - 9:00	2,410	399	83	2	1.21	3.41	11	2,905	3,509	0	21	0	693	0	0	0	0	4,202	39	2,965	0
9:00 - 9:30	2,457	333	30	4	1.16	4.24	3	2,827	3,270	0	12	0	396	0	0	0	0	3,666	44	2,883	0
9:30 - 10:00	2,259	264	41	4	1.16	4.27	2	2,570	2,981	0	23	0	759	0	0	0	0	3,740	90	2,683	0
Vehicles	21,756	3,256	417	52			108	25,589	30,403	0	113	0	3,729	0	524	26,226	0	0	0	0	0
Persons	21,756	6,512	1,403	624																	

HOV Restricted

	5 Hours (6:00 AM - 9:00 AM)		Peak Hour (7:30 AM - 8:30 AM)	
	9:00 AM	8:30 AM	9:045	0
Highway Passengers	34,132	22,592	9,045	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	30,403	20,117	7,890	0
Autos and Motorcycles	25,589	16,706	6,693	0
Average Auto Occupancy (Includes Motorcycles)	1.19	1.20	1.18	0

I-395 B
 I-395 Between Va. 120 (S. Glebe Rd.) and Arlington Ridge Road
 Facility Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools		3+Autos+ Motor-cycles (MC)		Total Autos + MC		Total Auto Passengers + MC		Total Rail			
	Autos	Autos	Autos	Autos	Van-pools	Auto Occ.	Avg. Van-pools Auto Occ.	Van-pools	Auto Occ.	Van-pools	Motor-cycles (MC)	Van-pools + MC	Autos + MC	Trans	Other	Trucks	Metro	Comm.
5:00 - 5:30	2,088	58	1	2	1.04	10.00	19	2,168	2,253	0	5	0	147	2,400	38	2,211	0	0
5:30 - 6:00	3,641	276	10	0	1.08	3.40	38	3,965	4,265	2	6	72	186	4,523	62	4,035	0	0
6:00 - 6:30	3,272	551	83	39	1.29	5.99	55	4,000	5,160	14	22	360	650	6,170	63	4,099	0	0
6:30 - 7:00	3,552	470	782	99	1.64	4.04	92	4,995	8,140	27	35	433	1,021	9,594	85	5,142	0	0
7:00 - 7:30	3,741	713	668	32	1.47	3.45	88	5,242	7,672	41	33	746	991	9,409	77	5,393	0	0
7:30 - 8:00	3,501	524	1,266	23	1.63	3.20	78	5,392	8,754	48	38	843	1,154	10,751	52	5,530	0	0
8:00 - 8:30	3,250	532	1,256	12	1.63	3.09	64	5,114	8,298	50	52	1,045	1,612	10,955	63	5,279	0	0
8:30 - 9:00	3,074	313	527	6	1.37	3.12	56	3,976	5,420	35	38	677	1,154	7,251	113	4,162	0	0
9:00 - 9:30	3,793	549	51	8	1.17	4.37	14	4,415	5,163	17	47	200	1,337	6,700	131	4,610	0	0
9:30 - 10:00	3,445	355	17	11	1.14	6.89	16	3,844	4,364	6	57	88	1,471	5,923	133	4,040	0	0
Vehicles	33,357	4,341	4,661	232			520	43,111	59,489	240	333	4,464	9,723	73,676	817	44,501	0	0
Persons	33,357	8,682	14,146	2,784														

HOV Restricted

	5 Hours		Peak Hour	
	(6:00 AM - 9:00 AM)	(7:00 AM - 8:00 AM)	(6:00 AM - 9:00 AM)	(7:00 AM - 8:00 AM)
Highway Passengers	73,676	54,130	20,160	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	59,489	43,444	16,426	0
Auto and Motorcycle	43,111	28,719	10,634	0
Average Auto Occupancy (Includes Motorcycles)	1.38	1.51	1.54	0

I-395 B

I-395 Between Va. 120 (S. Glebe Rd.) and Arlington Ridge Road

HOV Total

HOV Restriction Period 6:00 AM - 9:00 AM

Spring, 2004

Time	Autos			3+ Autos	Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Auto Autos Persons		Buses		Bus Passengers		Total Auto Passengers + MC		Total Rail Metro Comm.	
	1	2	3+					Van-pools + MC	Riders + MC	Transit	Other	Trans	Other	Riders + Bus Pass.	Trucks		Vehicles
5:00 - 5:30	759	39	0	1	1.06	12.00	16	815	865	0	4	0	124	989	6	825	0
5:30 - 6:00	1,607	130	4	0	1.08	3.75	28	1,769	1,910	2	6	72	186	2,168	10	1,787	0
6:00 - 6:30	946	374	75	35	1.65	5.99	53	1,483	2,406	14	18	360	558	3,324	1	1,516	0
6:30 - 7:00	154	223	774	93	3.26	3.99	88	1,332	4,146	27	27	433	837	5,416	8	1,394	0
7:00 - 7:30	142	371	656	31	2.70	3.44	87	1,287	3,332	41	29	746	899	4,977	6	1,363	0
7:30 - 8:00	223	40	1,257	19	2.82	3.17	78	1,617	4,423	48	35	843	1,085	6,351	6	1,706	0
8:00 - 8:30	229	16	1,247	9	2.74	3.07	63	1,564	4,176	50	52	1,045	1,612	6,833	12	1,678	0
8:30 - 9:00	204	83	517	2	2.42	3.05	54	860	2,006	35	35	677	1,085	3,768	22	952	0
9:00 - 9:30	1,099	248	34	1	1.24	3.37	9	1,391	1,722	17	32	200	992	2,914	22	1,462	0
9:30 - 10:00	1,159	159	11	1	1.15	4.50	6	1,336	1,537	6	20	88	620	2,245	31	1,393	0
Vehicles	6,522	1,683	4,575	192			482	13,454	26,523	240	258	4,464	7,998	38,985	124	14,076	0
Persons	6,522	3,366	13,849	2,304													0

HOV Restriction

	5 Hours		Peak Hour
	6:00 AM - 9:00 AM	7:00 AM - 8:00 AM	
Highway Passengers	38,985	30,669	11,328
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	26,523	20,489	7,755
Autos and Motorcycles	13,454	8,143	2,904
Average Auto Occupancy (Includes Motorcycles)	1.97	2.52	2.67

I-395 B

I-395 at Glebe Road (Va 120)

Conventional Total

HOV Restriction Period 6:00 AM - 9:00 AM

Spring, 2004

Time	Autos			Van-pools	3+ Autos + Motor-cycles (MC)	Avg. Van-pools Auto Occ.	3+ Autos + Motor-cycles (MC)	Total Autos + MC			Total Auto Passengers + MC			Total Rail Metro Comm.				
	1 Autos	2 Autos	3+ Autos					Van-pools	Motor-cycles (MC)	Autos	Van-pools	Motor-cycles (MC)	Trans		Other	Riders	Trucks	Total Vehicles
5:00 - 5:30	1,329	19	1	1	1.03	9.00	3	1,353	1,388	0	1	0	23	1,411	32	1,386	0	0
5:30 - 6:00	2,034	146	6	0	1.07	3.17	10	2,196	2,355	0	0	0	0	2,355	52	2,248	0	0
6:00 - 6:30	2,326	177	8	4	1.09	6.00	2	2,517	2,754	0	4	0	92	2,846	62	2,583	0	0
6:30 - 7:00	3,398	247	8	6	1.09	7.00	4	3,663	3,994	0	8	0	184	4,178	77	3,748	0	0
7:00 - 7:30	3,599	342	12	1	1.10	4.31	1	3,955	4,340	0	4	0	92	4,432	71	4,030	0	0
7:30 - 8:00	3,278	484	9	4	1.15	6.54	0	3,775	4,331	0	3	0	69	4,400	46	3,824	0	0
8:00 - 8:30	3,021	516	9	3	1.16	5.67	1	3,550	4,122	0	0	0	0	4,122	51	3,601	0	0
8:30 - 9:00	2,870	230	10	4	1.10	5.86	2	3,116	3,414	0	3	0	69	3,483	91	3,210	0	0
9:00 - 9:30	2,694	301	17	7	1.14	5.83	5	3,024	3,441	0	15	0	345	3,786	109	3,148	0	0
9:30 - 10:00	2,286	196	6	10	1.13	8.69	10	2,508	2,827	0	37	0	851	3,678	102	2,647	0	0
Vehicles	26,835	2,658	86	40			38	29,657	32,966	0	75	0	1,725	34,691	693	30,425	0	0
Persons	26,835	5,316	297	480														

HOV Restriction

5 Hours	Period		Peak Hour
	(6:00 AM - 9:00 AM)	(7:00 AM - 8:00 AM)	
Highway Passengers	34,691	23,461	8,832
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	32,966	22,955	8,671
Autos and Motorcycles	29,657	20,576	7,730
Average Auto Occupancy (Includes Motorecycles)	1.11	1.12	1.12

I-395 C
 I-395 north between Va 648 and Va 236
 Conventional Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools	Total Autos + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles	Trucks	Rail Metro Comm.	
	1	2	3+	1	2	3+	Transit	Other	Trans				Other	Riders	+ MC	Transit	Other	Riders	+ MC					
5:00 - 5:30	1,666	9	0	0	1.01	0.00	4	1,679	1,688	0	5	0	0	0	0	0	0	0	1,688	67	1,751	0	0	
5:30 - 6:00	2,708	110	3	4	1.06	8.14	6	2,831	2,991	0	12	0	0	0	0	0	0	0	2,991	69	2,912	0	0	
6:00 - 6:30	2,962	265	14	4	1.11	5.28	11	3,256	3,598	0	8	0	0	0	0	0	0	0	3,598	148	3,412	0	0	
6:30 - 7:00	2,117	192	20	3	1.12	4.43	8	2,340	2,611	0	3	0	0	0	0	0	0	0	2,611	124	2,467	0	0	
7:00 - 7:30	2,201	197	22	0	1.11	3.77	7	2,427	2,685	0	3	0	0	0	0	0	0	0	2,685	118	2,548	0	0	
7:30 - 8:00	2,205	145	12	7	1.11	6.58	8	2,377	2,628	0	4	0	0	0	0	0	0	0	2,628	104	2,485	0	0	
8:00 - 8:30	2,409	158	16	5	1.10	5.29	5	2,593	2,841	0	12	0	0	0	0	0	0	0	2,841	134	2,739	0	0	
8:30 - 9:00	2,232	140	7	6	1.09	7.23	3	2,388	2,609	0	1	0	0	0	0	0	0	0	2,609	141	2,530	0	0	
9:00 - 9:30	2,144	159	12	3	1.09	4.87	2	2,320	2,537	0	10	0	0	0	0	0	0	0	2,537	115	2,445	0	0	
9:30 - 10:00	2,341	144	11	2	1.08	4.62	5	2,503	2,694	0	7	0	0	0	0	0	0	0	2,694	147	2,657	0	0	
Vehicles	22,985	1,519	117	34			59	24,714	26,882	0	65								1,167	25,946	0	0	0	
Persons	22,985	3,038	392	408															26,882					

	HOV Restricted			Peak Hour
	Period	5 Hours	9:00 AM - 9:00 AM	
Highway Passengers	26,882	16,972	6,209	6:00 AM
Rail Passengers	0	0	0	7:00 AM
Auto and Motorcycle Passengers	26,882	16,972	6,209	6:00 AM
Autos and Motorcycles	24,714	15,381	5,596	5:59 AM
Average Auto Occupancy (Includes Motorcycles)	1.09	1.10	1.11	

I-395 C

I-395 north between Va 648 and Va 236

HOV Total

HOV Restriction Period 6:00 AM - 9:00 AM

Spring, 2004

Time	Autos			Van-pools	Avg. Auto Occ.	3+ Autos + Motorcycles (MC)	Total Autos + MC		Buses			Bus Passengers			Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.	
	1 Autos	2 Autos	3+ Autos				Van-pools	Transit	Other	Trans	Other	Riders	Other	Riders + Bus Pass.	Trucks	Vehicles	Rail	Metro Comm.		
5:00 - 5:30	646	41	0	1	1.08	12.00	12	700	0	6	0	162	914	6	712	0	0			
5:30 - 6:00	1,465	51	0	19	1.17	12.00	12	1,547	1	16	19	432	2,258	9	1,573	0	0			
6:00 - 6:30	626	152	321	92	2.53	5.06	41	1,232	3	26	94	702	3,855	1	1,262	0	0			
6:30 - 7:00	330	220	756	51	2.73	3.63	61	1,418	5	20	72	540	4,375	2	1,445	0	0			
7:00 - 7:30	347	265	833	22	2.51	3.27	63	1,530	10	17	187	459	4,386	5	1,562	0	0			
7:30 - 8:00	341	360	671	6	2.30	3.12	64	1,442	9	18	165	486	3,886	5	1,474	0	0			
8:00 - 8:30	267	231	414	2	2.20	3.08	32	946	9	23	130	621	2,792	4	982	0	0			
8:30 - 9:00	268	154	182	3	1.92	3.18	16	623	7	15	91	405	1,676	6	651	0	0			
9:00 - 9:30	1,151	125	7	1	1.12	4.13	8	1,292	3	17	24	459	1,925	11	1,323	0	0			
9:30 - 10:00	771	83	8	3	1.16	5.82	4	869	1	12	36	324	1,365	22	904	0	0			
Vehicles	6,212			1,682	3,192	200	313	11,599	48	170	818	4,590	27,432	71	11,888	0	0			
Persons	6,212			3,364	9,735	2,400														

HOV Restricted

Period	Peak Hour	
	6:00 AM - 9:00 AM	7:00 AM - 8:30 AM
5 Hours	20,970	8,230
Highway Passengers	27,432	0
Rail Passengers	0	0
Auto and Motorcycle Passengers	22,024	6,822
Autos and Motorcycles	11,599	2,650
Average Auto Occupancy (Includes Motorcycles)	1.90	2.57

I-395 C

I-395 north between Va 648 and Va 236

Facility Total

HOV Restriction Period 6:00 AM - 9:00 AM

Spring, 2004

Time	1		2		3+		3+Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools Auto Occ.	Total Autos + MC		Total Persons + MC		Buses			Bus Passengers			Total Auto Passengers + MC			Total Rail	
	Autos	Autos	Autos	Autos	Van-pools	Motor-cycles (MC)				Autos + MC	Persons + MC	Transit	Other	Other	Trans	Other	Trucks	Vehicles	Metro	Comm.	Trucks	Vehicles	Metro	Comm.
5:00 - 5:30	2,312	50	0	1	1.03	12.00	16	2,379	2,440	0	11	0	162	2,602	73	2,463	197	0	0	0	0	0	0	
5:30 - 6:00	4,173	161	3	23	1.10	10.96	18	4,378	4,798	1	28	19	432	5,249	78	4,485	533	0	0	0	0	0	0	
6:00 - 6:30	3,588	417	335	96	1.49	5.06	52	4,488	6,657	3	34	94	702	7,453	149	4,674	880	0	0	0	0	0	0	
6:30 - 7:00	2,447	412	776	54	1.71	3.66	69	3,758	6,374	5	23	72	540	6,986	126	3,912	1,590	0	0	0	0	0	0	
7:00 - 7:30	2,548	462	855	22	1.63	3.29	70	3,957	6,425	10	20	187	459	7,071	123	4,110	1,491	0	0	0	0	0	0	
7:30 - 8:00	2,546	505	683	13	1.55	3.21	72	3,819	5,863	9	22	165	486	6,514	109	3,959	1,325	0	0	0	0	0	0	
8:00 - 8:30	2,676	369	430	7	1.38	3.18	37	3,539	4,882	9	35	130	621	5,633	138	3,721	1,259	0	0	0	0	0	0	
8:30 - 9:00	2,500	294	189	9	1.26	3.44	19	3,011	3,789	7	16	91	405	4,285	147	3,181	821	0	0	0	0	0	0	
9:00 - 9:30	3,295	284	19	4	1.10	4.61	10	3,612	3,979	3	27	0	459	4,438	126	3,768	343	0	0	0	0	0	0	
9:30 - 10:00	3,112	227	19	5	1.10	5.17	9	3,372	3,699	1	19	36	324	4,059	169	3,561	374	0	0	0	0	0	0	
Vehicles	29,197	3,201	3,309	234			372	36,313	48,906	48	235	794	4,590	54,290	1,238	37,834	8,813	0	0	0	0	0	0	
Persons	29,197	6,402	10,127	2,808																				

HOV Restricted

	5 Hours		Peak Hour	
	6:00 AM - 9:00 AM	9:00 AM - 6:00 AM	6:00 AM - 7:00 AM	7:00 AM - 8:00 AM
Highway Passengers	54,290	37,942	14,439	14,439
Rail Passengers	8,813	7,366	2,470	2,470
Auto and Motorcycle Passengers	48,906	33,990	13,031	13,031
Autos and Motorcycles	36,313	22,572	8,246	8,246
Average Auto Occupancy (Includes Motorcycles)	1.35	1.51	1.58	1.58

I-95 A
 I-95 North at Newington
 Facility Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+ Autos + Motor-cycles (MC)	Total Autos + MC		Total Persons + MC		Buses			Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail							
	Autos	Autos	Autos	Autos	Auto Occ.	Van-pools				Van-pools	Van-pools	Transit	Other	Trans	Other	+ Bus Pass.	Riders	Trucks	Vehicles	Metro	Comm.									
5:00 - 5:30	3,737	143	7	4	1.05	6.36	8	3,899	4,101	0	18	0	486	4,587	141	4,058	0	0												
5:30 - 6:00	5,659	310	30	23	1.10	6.98	12	6,034	6,661	0	11	0	297	6,958	214	6,259	0	0												
6:00 - 6:30	4,202	393	589	122	1.57	4.68	43	5,349	8,355	1	11	36	297	8,688	168	5,529	0	0												
6:30 - 7:00	3,163	443	983	56	1.67	3.56	45	4,690	7,797	1	12	14	324	8,135	210	4,913	0	0												
7:00 - 7:30	3,012	540	839	27	1.58	3.35	45	4,463	7,034	0	12	0	324	7,358	166	4,641	0	0												
7:30 - 8:00	3,151	210	804	8	1.47	3.13	33	4,206	6,147	1	9	12	243	6,402	207	4,423	0	0												
8:00 - 8:30	3,013	150	564	5	1.36	3.10	17	3,749	5,093	0	7	0	189	5,282	297	4,053	0	0												
8:30 - 9:00	3,165	171	198	2	1.17	3.16	11	3,547	4,149	1	0	0	0	4,149	262	3,810	0	0												
9:00 - 9:30	3,611	242	34	3	1.09	4.00	9	3,899	4,252	1	1	0	27	4,279	380	4,281	0	0												
9:30 - 10:00	3,422	271	29	1	1.09	3.33	4	3,727	4,068	1	0	0	0	4,068	347	4,075	0	0												
Vehicles																							227	43,583	6	81	2,392	46,042		
Persons																							57,657	59,906	62	2,187	59,906			

HOV Restricted

	5 Hours		Peak Hour	
	6:00 AM - 9:00 AM	9:00 AM - 10:00 AM	6:00 AM - 7:00 AM	7:00 AM - 8:00 AM
Highway Passengers	59,906	40,014	0	16,823
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	57,657	38,575	16,152	10,039
Auto and Motorcycles	43,563	26,004	10,039	1,611
Average Auto Occupancy (Includes Motorcycles)	1.32	1.48	1.48	1.61

I-95 A
 I-95 North at Newington
 HOV Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+ Autos + Van-pools (MC)	Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail	
	Autos	Autos	Autos	Autos	Auto Occ.	Auto Occ.					Van-pools	Riders	Riders	Transit	Other	Trans	Other	+ Bus Pass.	Riders	Trucks	Vehicles	Metro	Comm.	
5:00 - 5:30	1,410	119	7	2	1.10	5.11	7	1,545	7	7	1,701	0	14	0	378	2,079	10	1,569	0	0				
5:30 - 6:00	1,906	258	25	21	1.24	7.15	9	2,219	9	7	2,760	0	7	0	189	2,949	9	2,235	0	0				
6:00 - 6:30	800	286	587	122	2.61	4.68	37	1,832	37	26	4,727	1	26	36	702	5,465	16	1,875	0	0				
6:30 - 7:00	297	273	980	56	2.82	3.56	43	1,649	43	22	4,579	1	22	14	594	5,187	7	1,679	0	0				
7:00 - 7:30	283	368	834	27	2.58	3.35	43	1,555	43	23	3,943	2	23	31	621	4,595	14	1,594	0	0				
7:30 - 8:00	285	81	799	8	2.53	3.12	32	1,205	32	27	3,000	1	27	12	729	3,741	19	1,252	0	0				
8:00 - 8:30	149	50	559	3	2.59	3.07	16	777	16	3	1,988	3	26	56	702	2,746	24	830	0	0				
8:30 - 9:00	265	66	197	2	1.93	3.15	11	541	11	19	1,034	1	19	0	513	1,547	7	568	0	0				
9:00 - 9:30	1,472	134	32	3	1.15	4.06	7	1,648	7	14	1,889	1	14	0	378	2,267	42	1,705	0	0				
9:30 - 10:00	1,077	119	20	1	1.14	3.48	4	1,221	4	1	1,392	1	1	0	27	1,419	64	1,287	0	0				
Vehicles	7,944	1,754	4,040	245			209	14,192	209	11	179		149	4,833	31,995	212	14,594	0	0					
Persons	7,944	3,508	12,412	2,940							27,013													

HOV Restricted

	5 Hours	Period		Peak Hour
		9:00 AM - 9:00 AM	6:00 AM - 7:00 AM	
Highway Passengers	31,995	23,281	10,652	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	27,013	19,271	9,306	
Autos and Motorcycles	14,192	7,559	3,481	
Average Auto Occupancy (Includes Motorcycles)	1.90	2.55	2.67	

I-95 A
 I-95 North at Newington
 Conventional Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Total Rail Metro Comm.	
	Autos	Autos	Autos	Autos	Van-pools	Van-pools				Transit	Other	Transit	Other	Transit	Other		Trucks
5:00 - 5:30	2,327	24	0	2	1.02	12.00	1	2,354	2,400	4	0	0	0	2,400	131	2,489	0
5:30 - 6:00	3,753	52	5	2	1.02	5.86	3	3,815	3,901	2	0	0	0	3,901	205	4,022	0
6:00 - 6:30	3,402	107	2	0	1.03	3.00	6	3,517	3,628	3	0	0	0	3,628	152	3,672	0
6:30 - 7:00	2,866	170	3	0	1.06	3.33	2	3,041	3,218	0	0	0	0	3,218	203	3,244	0
7:00 - 7:30	2,729	172	5	0	1.06	3.20	2	2,908	3,091	0	0	0	0	3,091	152	3,060	0
7:30 - 8:00	2,866	129	5	0	1.05	4.40	1	3,001	3,147	0	0	0	0	3,147	188	3,189	0
8:00 - 8:30	2,864	100	5	2	1.04	5.71	1	2,972	3,105	2	0	0	0	3,105	273	3,247	0
8:30 - 9:00	2,900	105	1	0	1.04	5.00	0	3,006	3,115	0	0	0	0	3,115	255	3,261	0
9:00 - 9:30	2,139	108	2	0	1.05	3.00	2	2,251	2,363	12	0	0	0	2,363	338	2,601	0
9:30 - 10:00	2,345	152	9	0	1.07	3.00	0	2,506	2,676	7	0	0	0	2,676	283	2,796	0
Vehicles	28,191	1,119	37	6			18	29,371	30,644	30	0	0	0	30,644	2,180	31,581	0
Persons	28,191	2,238	125	72													0

	HOV Restricted		Peak Hour
	Period	Period	
5 Hours	6:00 AM - 9:00 AM	6:00 AM - 7:00 AM	
Highway Passengers	30,644	19,304	6,846
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	30,644	19,304	6,846
Auto and Motorcycle	29,371	18,445	6,558
Average Auto Occupancy (Includes Motorcycles)	1.04	1.05	1.04

I-95 B
 I-95 North at Dumfries
 Conventional Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Fall, 1998

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Van-pools	Motorcycles (MC)	Total Auto Autos + MC			Buses			Total Auto Passengers + MC			Rail Comm.
	1	2	3+	1	2	3+	Van-pools	Auto Occ.	Auto Occ.					Transit	Other	Other	Trans	Other	Other	Trans	Other	Trucks	
5:00 - 5:30	1,926	4	0	2	1.01	12.00	12	1,944	1,970	0	3	0	99	2,069	183	2,130	0	0	0	0	0	0	
5:30 - 6:00	1,887	81	4	3	1.06	6.86	2	1,977	2,099	0	1	0	33	2,132	207	2,185	0	153	0	0	0		
6:00 - 6:30	1,572	179	21	5	1.16	4.81	2	1,779	2,057	0	2	0	66	2,123	131	1,912	0	197	0	0	0		
6:30 - 7:00	1,572	207	27	2	1.16	3.66	5	1,813	2,097	0	5	0	165	2,282	116	1,934	0	306	0	0	0		
7:00 - 7:30	1,457	185	13	0	1.13	3.15	5	1,660	1,873	0	2	0	66	1,939	107	1,769	0	165	0	0	0		
7:30 - 8:00	1,282	81	7	1	1.08	4.25	4	1,375	1,482	0	0	0	0	1,482	78	1,453	0	121	0	0	0		
8:00 - 8:30	1,165	62	1	2	1.07	9.00	2	1,232	1,318	0	1	0	33	1,351	126	1,359	0	0	0	0	0		
8:30 - 9:00	1,546	231	10	1	1.15	3.82	2	1,790	2,052	0	9	0	297	2,349	187	1,986	0	88	0	0	0		
9:00 - 9:30	1,267	223	21	1	1.19	3.68	4	1,516	1,798	0	2	0	66	1,864	176	1,694	0	0	0	0	0		
9:30 - 10:00	999	328	21	0	1.28	3.29	5	1,353	1,729	0	1	0	33	1,762	199	1,553	0	0	0	0	0		
Vehicles	14,673	1,581	125	17			43	16,439	18,475	0	26	0	858	19,333	1,510	17,975	0	1,030	0	0	0		
Persons	14,673	3,162	393	204																			

HOV Restricted

5 Hours	Period		Peak Hour
	6:00 AM - 9:00 AM	5:30 AM - 6:30 AM	
19,333	11,506	4,255	
1,030	877	350	
18,475	10,879	4,156	
16,439	9,649	3,756	
1.12	1.13	1.11	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy
 (Includes Motorcycles)

I-95 B

I-95 North at Dumfries

HOV Total

HOV Restriction Period 6:00 AM - 9:00 AM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Auto Passengers + MC			Total Auto Riders + Bus Pass. + Metro Comm.				
	Autos	Autos	Autos	Autos	Autos	Autos	Van-pools	Van-pools	Van-pools			Van-pools + MC	Transit	Other	Trucks	Other	Trucks	Other	Trucks
5:00 - 5:30	364	4	1	7	1.22	10.88	3	379	462	0	0	0	0	0	0	0	0	0	
5:30 - 6:00	581	64	70	43	1.90	6.50	5	763	1,448	0	15	0	405	1,853	5	783	0	306	
6:00 - 6:30	138	106	166	66	3.48	5.63	17	493	1,674	0	3	0	81	1,755	2	498	0	394	
6:30 - 7:00	183	108	207	16	2.36	3.66	22	536	1,237	0	8	0	216	1,453	1	545	0	306	
7:00 - 7:30	188	102	159	11	2.19	3.63	16	476	1,025	0	3	0	81	1,106	1	480	0	394	
7:30 - 8:00	83	47	108	0	2.14	3.08	22	260	532	0	8	0	216	748	1	269	0	612	
8:00 - 8:30	42	17	38	1	2.07	3.26	8	106	211	0	2	0	54	265	2	110	0	330	
8:30 - 9:00	51	25	31	1	1.93	3.34	21	129	229	0	4	0	108	337	2	135	0	242	
9:00 - 9:30	469	96	14	1	1.24	3.73	0	580	717	0	6	0	162	879	8	594	0	0	
9:30 - 10:00	322	79	6	3	1.30	6.11	0	410	535	0	7	0	189	724	6	423	0	176	
Vehicles	2,421	648	800	149			114	4,132	8,070	0	56	0	1,512	9,582	28	4,216	0	2,760	
Persons	2,421	1,296	2,451	1,788															

HOV Restricted

Period	Peak Hour	
	5 Hours (6:00 AM - 9:00 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	9,582	3,608
Rail Passengers	2,760	760
Auto and Motorcycle Passengers	8,070	3,122
Autos and Motorcycles	4,132	1,256
Average Auto Occupancy (includes Motorcycles)	1.95	2.49

I-95 B
 I-95 North at Dumfries
 Facility Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2004

Time	Autos			Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Auto Autos Persons + MC		Buses			Bus Passengers			Total Auto Passengers + MC			Total Vehicles		
	1 Autos	2 Autos	3+ Autos				Van-pools + MC	Riders	Transit	Other	Trans	Other	Riders + Bus Pass.	Trucks	Vehicles	Rail	Metro	Comm.		
5:00 - 5:30	2,290	8	1	9	1.05	11.10	15	2,323	2,432	0	3	0	99	2,531	183	2,509	0	0		
5:30 - 6:00	2,468	145	74	46	1.30	6.52	7	2,740	3,547	0	16	0	438	3,985	212	2,968	0	153		
6:00 - 6:30	1,710	285	187	71	1.65	5.55	19	2,272	3,731	0	5	0	147	3,878	133	2,410	0	197		
6:30 - 7:00	1,755	315	234	18	1.42	3.66	27	2,349	3,334	0	13	0	381	3,715	117	2,479	0	306		
7:00 - 7:30	1,645	287	172	11	1.36	3.60	21	2,136	2,898	0	5	0	147	3,045	108	2,249	0	165		
7:30 - 8:00	1,365	128	115	1	1.24	3.16	26	1,635	2,014	0	8	0	216	2,230	79	1,722	0	121		
8:00 - 8:30	1,207	79	39	3	1.14	3.67	10	1,338	1,529	0	3	0	87	1,616	128	1,469	0	0		
8:30 - 9:00	1,597	256	41	2	1.19	3.47	23	1,919	2,281	0	13	0	405	2,686	189	2,121	0	88		
9:00 - 9:30	1,736	319	35	2	1.20	3.70	4	2,096	2,516	0	8	0	228	2,743	184	2,288	0	0		
9:30 - 10:00	1,321	407	27	3	1.28	4.13	5	1,763	2,264	0	8	0	222	2,486	205	1,976	0	0		
Vehicles	17,094	2,229	925	166			157	20,571	26,545	0	82	0	2,370	28,915	1,538	22,191	0	0		
Persons	17,094	4,458	2,844	1,992																

	HOV Restricted		Peak Hour
	Period	5 Hours	
Highway Passengers	6:00 AM - 9:00 AM	28,915	9:30 AM - 6:30 AM
Rail Passengers	17,170	1,030	7,863
Auto and Motorcycle Passengers	877	26,545	350
Autos and Motorcycles	15,787	20,571	7,278
Average Auto Occupancy (Includes Motorcycles)	11,649	1.29	5,012
	1.36		1.45

I-66 A
 I-66 East crossing the Theodore Roosevelt Bridge
 Facility Total
 No HOV Restrictions at this location
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools		Avg. Van-pools		3+Autos+ Motor-cycles (MC)		Total Autos + MC		Total Auto Persons + MC		Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.		
	1	2	3+	1	2	3+	1	2	3+	Auto Occ.	Auto Occ.	Auto Occ.	Van-pools	Van-pools	Van-pools	Transit	Other	Trans	Other	Riders	Riders	Trucks	Trucks	Vehicles	Vehicles	Metro	Metro	
5:00 - 5:30	260	6	1	0	1.03	3.00	2	269	277	0	5	0	200	477	2	276	0	0	477	2	276	0	0	0	0	0	0	0
5:30 - 6:00	1,098	52	1	0	1.05	4.00	0	1,151	1,206	0	1	0	40	1,246	1	1,153	0	0	1,246	1	1,153	0	0	0	0	0	0	0
6:00 - 6:30	1,367	216	15	3	1.18	5.17	6	1,607	1,898	0	9	0	360	2,258	3	1,619	0	0	2,258	3	1,619	0	0	0	0	0	0	0
6:30 - 7:00	1,685	452	49	11	1.31	4.93	23	2,220	2,908	0	39	0	1,560	4,468	15	2,274	0	0	4,468	15	2,274	0	0	0	0	0	0	0
7:00 - 7:30	1,928	715	39	3	1.31	3.90	3	2,688	3,525	0	15	0	600	4,125	10	2,713	0	0	4,125	10	2,713	0	0	0	0	0	0	0
7:30 - 8:00	2,060	851	58	7	1.36	4.29	12	2,988	4,053	0	23	0	920	4,973	10	3,021	0	0	4,973	10	3,021	0	0	0	0	0	0	0
8:00 - 8:30	2,151	745	45	0	1.29	3.33	14	2,955	3,805	0	20	0	800	4,605	6	2,981	0	0	4,605	6	2,981	0	0	0	0	0	0	0
8:30 - 9:00	2,020	586	32	0	1.25	3.31	18	2,656	3,316	0	23	0	920	4,236	4	2,683	0	0	4,236	4	2,683	0	0	0	0	0	0	0
9:00 - 9:30	2,306	448	23	2	1.19	3.96	8	2,787	3,309	0	18	0	720	4,029	9	2,814	0	0	4,029	9	2,814	0	0	0	0	0	0	0
9:30 - 10:00	2,111	337	16	0	1.15	3.13	1	2,465	2,836	0	12	0	480	3,316	11	2,488	0	0	3,316	11	2,488	0	0	0	0	0	0	0
Vehicles																87	21,786	0	165	71	22,022	0	0					
Persons																27,133	33,733	0	6,600	33,733	0	0						

Peak Hour
 (7:30 AM -
 8:30 AM)

	5 Hour	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	33,733	9,578
Rail Passengers	0	0
Auto and Motorcycle Passengers	27,133	7,858
Autos and Motorcycles	21,786	5,943
Average Auto Occupancy (Includes Motorcycles)	1.25	1.32

I-66 B

I-66 east at Spout Run
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 A M
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Trucks	Total Vehicles	Rail Metro Comm.	
	1	2	3+	Van-pools	Van-pools	Motor-cycles (MC)			Riders	Transit	Other	Other				Other
5:00 - 5:30	587	10	1	0	1.02	3.00	0	598	610	0	0	610	0	598	0	0
5:30 - 6:00	1,575	114	8	2	1.09	4.80	18	1,717	1,869	0	2	1,941	4	1,723	0	0
6:00 - 6:30	1,357	437	22	4	1.29	4.50	9	1,829	2,357	1	4	2,537	1	1,835	0	0
6:30 - 7:00	735	632	46	11	1.61	5.18	31	1,455	2,325	2	6	2,604	2	1,465	0	0
7:00 - 7:30	395	982	87	6	1.84	3.75	41	1,511	2,749	1	10	3,141	6	1,528	0	0
7:30 - 8:00	329	1,557	103	2	1.90	3.25	36	2,027	3,820	2	16	4,454	3	2,048	0	0
8:00 - 8:30	234	1,605	147	2	1.98	3.30	19	2,007	3,955	1	19	4,662	4	2,031	0	0
8:30 - 9:00	402	995	49	3	1.78	3.69	27	1,476	2,611	0	26	3,547	0	1,502	0	0
9:00 - 9:30	1,350	357	33	0	1.25	3.27	13	1,753	2,185	0	11	2,581	0	1,764	0	0
9:30 - 10:00	1,281	279	24	1	1.22	3.80	5	1,590	1,939	0	20	2,659	4	1,614	0	0
Vehicles	8,245	6,968	520	31			199	15,963	24,420	7	114	24	16,108	0	0	0
Persons	8,245	13,936	1,668	372								212	4,104	28,736		

HOV Restricted

5 Hour Period	Peak Hour
6:30 AM - 7:30 AM - 9:00 AM)	7:30 AM - 8:30 AM)
28,736	18,408
0	9,116

Highway Passengers	24,420
Rail Passengers	0
Auto and Motorcycle Passengers	7,775
Autos and Motorcycles	4,034
Average Auto Occupancy (Includes Motorcycles)	1.53
	1.82

I-66 C
 I-66 east between Sycamore Street and Fairfax Drive
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 A M
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	3+Autos+ Motor-cycles (MC)		Avg. Van-pools Auto Occ.		Total Autos + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Total Vehicles		Total Rail Comm.	
	1	2	3+			Auto Occ.	Auto Occ.	Auto Occ.	MC	Auto Occ.	MC	Riders	Transit	Other	Trans	Other	Trucks	Metro	Rail
5:00 - 5:30	1,073	107	5	1	1.11	4.50	1	1.187	1,315	0	0	0	0	0	1,315	0	1,187	0	0
5:30 - 6:00	1,809	290	1	7	1.18	10.88	13	2,120	2,489	1	0	14	0	0	2,503	1	2,122	0	0
6:00 - 6:30	1,426	282	10	8	1.23	7.11	11	1,737	2,129	2	2	33	72	0	2,234	1	1,742	0	0
6:30 - 7:00	800	666	25	9	1.55	5.59	19	1,519	2,341	3	3	113	108	0	2,562	0	1,525	0	0
7:00 - 7:30	444	1,041	57	1	1.76	3.29	35	1,578	2,752	3	3	59	108	0	2,919	1	1,585	0	0
7:30 - 8:00	565	1,179	46	5	1.74	3.98	44	1,839	3,170	3	2	133	72	0	3,375	1	1,845	0	0
8:00 - 8:30	713	1,050	21	7	1.65	5.29	29	1,820	2,990	1	3	5	108	0	3,103	3	1,827	0	0
8:30 - 9:00	699	916	54	2	1.63	3.39	22	1,693	2,743	2	26	59	936	0	3,738	6	1,727	0	0
9:00 - 9:30	1,587	374	17	0	1.21	3.65	17	1,995	2,414	2	11	2	396	0	2,812	0	2,008	0	0
9:30 - 10:00	1,314	339	9	0	1.22	3.11	5	1,667	2,025	1	20	4	720	0	2,749	3	1,691	0	0
Vehicles	10,430	6,244	245	40			196	17,155	24,368	18	70	422	2,520	16	17,259	0	0	0	0
Persons	10,430	12,488	774	480											27,310				

	HOV Restricted		Peak Hour	
	5 Hour	Period	(6:30 AM - 9:00 AM)	(8:00 AM - 9:00 AM)
Highway Passengers	27,310	15,697	6,841	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	24,368	13,996	5,733	0
Autos and Motorcycles	17,155	8,449	3,513	0
Average Auto Occupancy (Includes Motorcycles)	1.42	1.66	1.63	0

I-66 C-Reverse
 i-66 east between Sycamore Street and Fairfax Drive
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+Autos+ Motor-cycles (MC)			Total Autos + MC			Total Auto Passengers + MC			Total Rail		
	Autos	Autos	Autos	Van-pools	Avg. Auto Occ.	Van-pools	Avg. Auto Occ.	Van-pools	Avg. Auto Occ.	Motor-cycles (MC)	Van-pools	Avg. Auto Occ.	Riders	Transit	Other	Bus Pass. Other	Trucks	Total Vehicles	Metro	Comm.	Rail
5:00 - 5:30	194	0	0	1	1.06	12.00	0	195	206	0	0	0	0	0	0	0	206	0	195	0	0
5:30 - 6:00	834	19	0	0	1.02	854	873	1	854	873	0	0	0	0	0	0	873	1	855	0	0
6:00 - 6:30	1,144	102	6	6	1.14	1,259	1,440	1	1,259	1,440	1	2	36	72	1,548	4	1,266	4	1,266	0	0
6:30 - 7:00	1,386	173	18	2	1.15	1,588	1,824	2	1,588	1,824	2	3	63	108	1,995	4	1,597	4	1,597	0	0
7:00 - 7:30	1,709	149	8	6	1.12	1,878	2,109	1	1,878	2,109	1	3	32	108	2,249	3	1,885	3	1,885	0	0
7:30 - 8:00	1,787	104	7	0	1.06	1,902	2,021	2	1,902	2,021	2	2	58	72	2,151	3	1,909	3	1,909	0	0
8:00 - 8:30	1,992	90	3	2	1.06	2,089	2,209	1	2,089	2,209	1	3	23	108	2,340	1	2,094	1	2,094	0	0
8:30 - 9:00	1,822	90	1	1	1.06	1,916	2,023	0	1,916	2,023	0	26	0	936	2,959	1	1,943	0	1,943	0	0
9:00 - 9:30	1,035	85	9	3	1.12	1,140	1,277	0	1,140	1,277	0	11	0	396	1,673	4	1,155	0	1,155	0	0
9:30 - 10:00	875	135	9	3	1.19	1,029	1,220	0	1,029	1,220	0	20	0	720	1,940	8	1,057	8	1,057	0	0
Vehicles	12,778	947	61	24		13,850	15,202	40	13,850	15,202	70	212	2,520	17,934	29	13,956	0	0	0	0	0
Persons	12,778	1,894	202	288																	

HOV Restricted

	5 Hour Period		Peak Hour
	6:30 AM - 9:00 AM	9:00 AM - 11:59 AM	8:00 AM - 9:00 AM
Highway Passengers	17,934	11,694	5,299
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	15,202	10,186	4,232
Autos and Motorcycles	13,850	9,373	4,005
Average Auto Occupancy (Includes Motorcycles)	1.10	1.09	1.06

I-66 D
 I-66 East between I-495 and Rt 7
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 A M
 Spring, 2004

Time	1 2 3+			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Buses			Bus Passengers			Total Auto Passengers + MC		Total Rail Metro Comm.		
	Autos	Autos	Autos				Van-pools	Transit	Other	Trans	Other	Trans	Other	Riders	Trucks	Total Vehicles			
5:00 - 5:30	917	6	0	0	1.01	0.00	7	930	0	0	0	0	0	0	936	3	933	141	0
5:30 - 6:00	1,691	69	1	5	1.07	10.67	8	1,774	0	2	0	72	1,973	2	1,778	287	0	0	
6:00 - 6:30	1,384	251	5	7	1.21	8.50	15	1,662	0	2	0	72	2,075	5	1,669	351	0	0	
6:30 - 7:00	267	511	45	3	1.78	3.83	19	845	0	4	0	144	1,636	3	852	1,252	0	0	
7:00 - 7:30	244	725	42	2	1.83	3.55	18	1,031	0	4	0	144	2,012	1	1,036	1,644	0	0	
7:30 - 8:00	376	475	18	1	1.60	3.68	8	878	0	3	0	108	1,512	3	884	1,755	0	0	
8:00 - 8:30	277	519	55	0	1.75	3.24	12	863	0	3	0	108	1,613	5	871	1,596	0	0	
8:30 - 9:00	656	360	16	1	1.39	3.65	15	1,048	0	8	0	288	1,741	3	1,059	996	0	0	
9:00 - 9:30	897	168	4	4	1.21	7.50	8	1,081	0	6	0	216	1,517	2	1,089	358	0	0	
9:30 - 10:00	898	99	18	0	1.15	3.72	2	1,017	0	5	0	180	1,345	5	1,027	252	0	0	
Vehicles	7,607	3,183	204	23			112	11,129	0	37	0	1,332	16,360	32	11,198	8,632	0	0	
Persons	7,607	6,366	667	276				15,028											

	HOV Restricted		Peak Hour
	5 Hour (6:30 AM - 9:00 AM)	(5:30 AM - 6:30 AM)	
Highway Passengers	16,360	8,514	4,048
Rail Passengers	8,632	7,243	638
Auto and Motorcycle Passengers	15,028	7,722	3,904
Auto and Motorcycles	11,129	4,665	3,436
Average Auto Occupancy (Includes Motorcycles)	1.35	1.66	1.14

I-66 E
 I-66 East between Va. 243 and I-495
 Facility Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Bus Passengers		Total Auto Passengers + MC		Total Rail		
	Autos	Autos	Autos	Autos	Van-pools	Van-pools + MC				Transit	Other	Riders	+ Bus Pass.	Trucks	Vehicles		Metro	Comm.
5:00 - 5:30	1,356	139	4	2	1.11	6.00	11	1.512	1,681	0	1	0	0	1,681	81	1,594	0	0
5:30 - 6:00	2,146	517	63	13	1.29	4.64	12	2,751	3,545	0	2	0	0	3,545	108	2,861	0	0
6:00 - 6:30	2,216	530	97	15	1.31	4.29	21	2,879	3,777	0	3	0	0	3,777	103	2,985	0	0
6:30 - 7:00	2,244	760	25	6	1.29	4.84	26	3,061	3,940	0	11	0	0	3,940	113	3,185	0	0
7:00 - 7:30	1,906	747	10	5	1.31	6.27	19	2,687	3,513	0	9	0	0	3,513	86	2,782	0	0
7:30 - 8:00	1,318	673	34	2	1.38	3.72	10	2,037	2,808	0	6	0	0	2,808	60	2,103	0	0
8:00 - 8:30	991	495	38	3	1.40	3.93	10	1,537	2,152	0	12	0	0	2,152	55	1,604	0	0
8:30 - 9:00	1,248	383	24	4	1.30	4.93	11	1,670	2,163	0	10	0	0	2,163	110	1,790	0	0
9:00 - 9:30	1,608	328	35	3	1.23	4.45	14	1,988	2,447	0	5	0	0	2,447	191	2,184	0	0
9:30 - 10:00	1,814	204	13	0	1.12	3.54	6	2,037	2,274	0	19	0	0	2,274	180	2,236	0	0
Vehicles	16,847	4,776	343	53			140	22,159	28,300	0	78	0	0	28,300	1,087	23,324	0	0
Persons	16,847	9,552	1,125	636														

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	28,300	(5:30 AM - 9:30 AM)	7,717
Rail Passengers	0	(6:00 AM - 7:00 AM)	0
Auto and Motorcycle Passengers	28,300		7,717
Autos and Motorcycles	22,159		5,940
Average Auto Occupancy (Includes Motorcycles)	1.28		1.31

I-66 E
 I-66 East between Va. 243 and I-495
 HOV Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	Avg. Van-pool Auto Occ.	3+ Autos + Motorcycles (MC)	Total Autos + MC	Total Persons + MC	Bus Passengers			Total Auto Passengers + MC	Total Riders	Trucks	Vehicles	Rail	Metro Comm.	
	1	2	3+							Transit	Other	Trans							Other + Bus Pass.
5:00 - 5:30	641	92	3	3	0	1.13	3.00	11	747	845	0	0	0	0	0	747	0	0	
5:30 - 6:00	64	430	58	10	10	2.18	4.40	11	573	1,234	0	2	0	0	0	1,234	0	575	
6:00 - 6:30	63	465	95	14	14	2.28	4.24	19	656	1,474	0	3	0	0	0	1,474	4	663	
6:30 - 7:00	49	663	18	6	6	2.04	5.25	20	756	1,521	0	10	0	0	0	1,521	6	772	
7:00 - 7:30	81	545	5	2	2	1.91	5.57	8	641	1,218	0	6	0	0	0	1,218	7	654	
7:30 - 8:00	11	371	16	0	0	2.03	3.38	3	401	810	0	2	0	0	0	810	0	403	
8:00 - 8:30	7	315	26	0	0	2.08	3.31	5	353	728	0	9	0	0	0	728	4	366	
8:30 - 9:00	133	332	11	3	3	1.81	5.00	5	484	872	0	9	0	0	0	872	3	496	
9:00 - 9:30	254	284	8	1	1	1.57	4.11	9	556	868	0	3	0	0	0	868	11	570	
9:30 - 10:00	376	122	4	0	0	1.26	3.25	1	503	634	0	8	0	0	0	634	7	518	
Vehicles	1,679			3,619	244	36	92	5,670	10,204			0	52	0	0	42	5,764	0	0
Persons	1,679			7,238	763	432	10,204			10,204			0	0	0	10,204	0	0	0

	HOV Restricted	
	5 Hour (5:30 AM - 9:30 AM)	Peak Hour (6:00 AM - 7:00 AM)
Highway Passengers	10,204	8,725
Rail Passengers	0	0
Auto and Motorcycle Passengers	10,204	8,725
Autos and Motorcycles	5,670	4,420
Average Auto Occupancy (Includes Motorcycles)	1.80	1.97
		2.12

I-66 E
I-66 East between Va. 243 and I-495

Conventional Total

HOV Restriction Period: 5:30 AM - 9:30 AM
Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC			Total Auto Passengers + MC			Total Rail
	Autos	Autos	Autos	Autos	Autos	Autos	Van-pools	Persons	+ MC				Transit	Other	Other	Bus Pass.	Trucks	Other	
5:00 - 5:30	715	47	1	2	1.09	9.00	0	765	836	0	1	0	0	0	836	81	847	0	0
5:30 - 6:00	2,082	87	5	3	1.06	6.75	1	2,178	2,311	0	0	0	0	2,311	108	2,286	0	0	
6:00 - 6:30	2,153	65	2	1	1.04	6.00	2	2,223	2,303	0	0	0	0	2,303	99	2,322	0	0	
6:30 - 7:00	2,195	97	7	0	1.05	3.43	6	2,305	2,419	0	1	0	0	2,419	107	2,413	0	0	
7:00 - 7:30	1,825	202	5	3	1.12	6.88	11	2,046	2,295	0	3	0	0	2,295	79	2,128	0	0	
7:30 - 8:00	1,307	302	18	2	1.22	4.00	7	1,636	1,998	0	4	0	0	1,998	60	1,700	0	0	
8:00 - 8:30	984	180	12	3	1.20	5.00	5	1,184	1,424	0	3	0	0	1,424	51	1,238	0	0	
8:30 - 9:00	1,115	51	13	1	1.09	4.86	6	1,186	1,291	0	1	0	0	1,291	107	1,294	0	0	
9:00 - 9:30	1,354	44	27	2	1.10	4.55	5	1,432	1,579	0	2	0	0	1,579	180	1,614	0	0	
9:30 - 10:00	1,438	82	9	0	1.07	3.67	5	1,534	1,640	0	11	0	0	1,640	173	1,718	0	0	
Vehicles	15,168	1,157	99	17				16,489	18,096	0	26	0	0	18,096	1,045	17,560	0	0	
Persons	15,168	2,314	362	204															

HOV Restricted

5 Hour	Period		Peak Hour
	5:30 AM - 9:30 AM	6:00 AM - 7:00 AM	
18,096	15,620	4,722	
0	0	0	
18,096	15,620	4,722	
16,489	14,190	4,528	
1.10	1.10	1.04	

Highway Passengers
Rail Passengers
Auto and Motorcycle Passengers
Average Auto Occupancy
(Includes Motorcycles)

I-66 F
 I-66 East between Va. 123 and Va. 243
 Facility Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	1		2		3+		Van- pools	Avg. Auto Occ.	3+Autos+ Van-pools	Motor- cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Bus Passengers + Riders		Other + Trucks		Total Vehicles	Rail Metro Comm.
	Autos	Autos	Autos	Autos	Auto Occ.	Auto Occ.					Van-pools + MC	Autos + MC	Riders	Trans	Other	Trucks	Pass.	Riders		
5:00 - 5:30	1,501	141	4	2	1.10	6.00	11	1,659	1,830	0	1	0	0	0	1,830	89	1,749	0	0	
5:30 - 6:00	2,429	523	64	12	1.26	4.53	16	3,044	3,835	0	4	0	0	0	3,835	131	3,179	0	0	
6:00 - 6:30	2,643	584	100	14	1.28	4.19	23	3,364	4,312	0	5	0	0	0	4,312	115	3,484	0	0	
6:30 - 7:00	2,765	804	29	6	1.26	4.69	22	3,626	4,559	0	14	0	0	0	4,559	112	3,752	0	0	
7:00 - 7:30	2,467	762	14	4	1.26	5.11	17	3,264	4,100	0	13	0	0	0	4,100	91	3,368	0	0	
7:30 - 8:00	1,720	698	44	2	1.33	3.63	8	2,472	3,291	0	8	0	0	0	3,291	71	2,551	0	0	
8:00 - 8:30	1,340	563	37	1	1.34	3.58	8	1,949	2,610	0	12	0	0	0	2,610	58	2,019	0	0	
8:30 - 9:00	1,836	456	29	3	1.24	4.44	10	2,334	2,900	0	12	0	0	0	2,900	126	2,472	0	0	
9:00 - 9:30	2,058	392	40	1	1.21	4.00	13	2,304	3,019	0	6	0	0	0	3,019	202	2,712	0	0	
9:30 - 10:00	2,151	268	18	0	0.99	1.00	3	2,440	2,416	0	19	0	0	0	2,416	195	2,654	0	0	
Vehicles	20,910	5,191	379	45			131	26,656	32,872		94	0	0	0	32,872	1,190	27,940	0	0	
Persons	20,910	10,090	1,201	540																

HOV Restricted

	5 Hour		Peak Hour	
	(5:30 AM - 9:30 AM)	(6:00 AM - 7:00 AM)	(6:00 AM - 7:00 AM)	(7:00 AM - 8:00 AM)
Highway Passengers	32,872	28,626	8,871	8,871
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	32,872	28,626	8,871	8,871
Autos and Motorcycles	26,656	22,557	6,990	6,990
Average Auto Occupancy (Includes Motorcycles)	1.23	1.27	1.27	1.27

I-66 F
 I-66 East between Va. 123 and Va. 243
 HOV Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	Autos			Van-pools	3+ Autos	Motorcycles (MC)	Avg. Van-pool Occup. (MC)	3+ Autos + Motorcycles (MC)	Total Autos + MC			Total Passengers + Riders			Total Vehicles + Comm.		
	1 Autos	2 Autos	3+ Autos						Auto Occ.	Van-pools	+ MC	Auto Occ.	Bluses	Transit	Other	Bus Passengers	Other
5:00 - 5:30	641	92	3	0	1.13	3.00	11	747	845	0	0	0	845	0	747	0	0
5:30 - 6:00	64	430	58	10	2.18	4.40	11	573	1,234	0	2	0	1,234	0	575	0	0
6:00 - 6:30	63	465	95	14	2.28	4.24	19	656	1,474	0	3	0	1,474	4	663	0	0
6:30 - 7:00	49	663	18	6	2.04	5.25	20	756	1,521	0	10	0	1,521	6	772	0	0
7:00 - 7:30	81	545	5	2	1.91	5.57	8	641	1,218	0	6	0	1,218	7	654	0	0
7:30 - 8:00	11	371	16	0	2.03	3.38	3	401	810	0	2	0	810	0	403	0	0
8:00 - 8:30	7	315	26	0	2.08	3.31	5	353	728	0	9	0	728	4	366	0	0
8:30 - 9:00	133	332	11	3	1.81	5.00	5	484	872	0	9	0	872	3	496	0	0
9:00 - 9:30	254	284	8	1	1.57	4.11	9	556	868	0	3	0	868	11	570	0	0
9:30 - 10:00	376	122	4	0	1.26	3.25	1	503	634	0	8	0	634	7	518	0	0
Vehicles	1,679 3,619 244 36																
Persons	1,679 7,238 763 432																
	10,204																

	HOV Restricted	
	5 Hour (5:30 AM - 9:30 AM)	Peak Hour (6:00 AM - 7:00 AM)
Highway Passengers	10,204	2,995
Rail Passengers	0	0
Auto and Motorcycle Passengers	10,204	2,995
Auto and Motorcycle Average Occupancy (Includes Motorcycles)	1.80	2.12

I-66 F
 I-66 East between Va. 123 and Va. 243
 Conventional Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	Autos			3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools	Total Autos + MC		Total Auto Persons + MC		Bus Passengers		Total Auto Passengers + MC		Total Vehicles	Rail Metro Comm.
	1	2	3+				Van-pools + MC	Autos + MC	Trans	Other	Bus Riders	Other Riders	Trucks			
5:00 - 5:30	860	49	1	2	1.08	2	912	985	0	1	0	0	985	89	1,002	0
5:30 - 6:00	2,365	93	6	2	1.05	2	2,471	2,601	0	2	0	0	2,601	131	2,604	0
6:00 - 6:30	2,580	119	5	0	1.05	4	2,708	2,838	0	2	0	0	2,838	115	2,825	0
6:30 - 7:00	2,716	141	11	0	1.06	3.45	2,870	3,038	0	4	0	0	3,038	112	2,986	0
7:00 - 7:30	2,386	217	9	2	1.10	4.82	2,623	2,882	0	7	0	0	2,882	91	2,721	0
7:30 - 8:00	1,709	327	28	2	1.20	3.77	2,071	2,481	0	6	0	0	2,481	71	2,148	0
8:00 - 8:30	1,333	248	11	1	1.18	4.17	1,596	1,882	0	3	0	0	1,882	58	1,657	0
8:30 - 9:00	1,703	124	18	0	1.10	4.00	1,850	2,028	0	3	0	0	2,028	126	1,979	0
9:00 - 9:30	1,804	108	32	0	1.10	3.97	1,948	2,151	0	3	0	0	2,151	202	2,153	0
9:30 - 10:00	1,775	146	14	0	1.05	1.29	1,937	2,039	0	11	0	0	2,039	195	2,143	0
Vehicles	19,231	1,572	135	9			20,986	22,925	0	42	0	0	22,925	1,190	22,218	0
Persons	19,231	3,096	451	108												

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	22,925	9:30 AM - 7:00 AM	5,876
Rail Passengers	0		0
Auto and Motorcycle Passengers	22,925	19,901	5,876
Autos and Motorcycles	20,986	18,137	5,578
Average Auto Occupancy (Includes Motorcycles)	1.09	1.10	1.05

I-66 G
 I-66 East between VA 7100 and Monument Drive
 Facility Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.
	1	2	3+	1	2	3+	Transit	Other	Trans				Other	Riders + Bus Pass.	Riders + MC	Trucks	Vehicles						
5:00 - 5:30	1,476	98	5	6	6	1.11	8.27	13	1,598	1,776	0	1	0	36	1,812	103	1,702	0	0				
5:30 - 6:00	2,722	300	18	18	18	1.18	7.56	7	3,065	3,601	0	0	0	0	3,601	103	3,168	0	0				
6:00 - 6:30	2,348	485	65	26	26	1.31	5.75	13	2,937	3,854	0	0	0	0	3,854	84	3,021	0	0				
6:30 - 7:00	1,976	502	47	6	6	1.27	4.23	12	2,543	3,216	0	0	0	0	3,216	71	2,614	0	0				
7:00 - 7:30	1,927	611	22	0	0	1.26	3.05	7	2,567	3,223	0	0	0	0	3,223	70	2,637	0	0				
7:30 - 8:00	1,993	487	27	2	2	1.23	3.76	11	2,520	3,087	0	0	0	0	3,087	116	2,636	0	0				
8:00 - 8:30	2,096	435	22	2	2	1.20	3.88	12	2,567	3,071	0	0	0	0	3,071	135	2,702	0	0				
8:30 - 9:00	2,093	304	24	2	2	1.16	3.81	8	2,431	2,808	0	0	0	0	2,808	129	2,560	0	0				
9:00 - 9:30	1,909	274	21	0	0	1.14	3.14	24	2,228	2,547	1	7	2	216	2,765	174	2,410	0	0				
9:30 - 10:00	2,209	131	9	0	0	1.06	3.00	4	2,353	2,502	1	2	6	72	2,580	134	2,490	0	0				
Vehicles	20,749	3,627	260	62	62			111	24,809	29,685	2	10	8	324	30,017	1,119	25,940	0	0				
Persons	20,749	7,254	827	744	744																		

HOV Restricted	Period		Peak Hour
	5 Hour (5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)	
Highway Passengers	30,017	25,625	7,455
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,685	25,407	7,455
Autos and Motorcycles	24,809	20,858	6,002
Average Auto Occupancy (Includes Motorcycles)	1.20	1.22	1.24

I-66 G
 I-66 East between VA 7100 and Monument Drive
 HOV Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Van-pools (MC)	Motor-cycles (MC)	Total Autos + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	Transit	Other	Trans					Other	Riders	Other	Riders	Other	Trucks	Trucks			
5:00 - 5:30	366	67	2	5	1.29	9.43	2	442	568	0	1	0	36	604	4	447	0	0					
5:30 - 6:00	169	263	17	17	2.04	7.56	6	472	958	1	6	14	216	1,188	5	484	0	0					
6:00 - 6:30	116	434	64	25	2.33	5.70	12	651	1,503	3	9	102	324	1,929	3	666	0	0					
6:30 - 7:00	55	381	41	4	2.07	4.02	4	485	1,002	4	7	101	252	1,355	5	501	0	0					
7:00 - 7:30	52	456	20	0	1.94	3.05	2	530	1,027	3	0	165	0	1,192	2	535	0	0					
7:30 - 8:00	97	400	26	2	1.91	3.79	6	531	1,009	6	6	174	216	1,399	7	550	0	0					
8:00 - 8:30	160	382	20	1	1.77	3.52	7	570	1,005	3	4	133	144	1,282	5	582	0	0					
8:30 - 9:00	160	273	23	2	1.75	3.84	6	464	908	3	7	35	252	1,095	7	481	0	0					
9:00 - 9:30	85	230	19	0	1.81	3.16	10	344	615	1	6	2	216	833	1	352	0	0					
9:30 - 10:00	432	87	6	0	1.19	3.00	3	528	527	1	2	6	72	705	1	532	0	0					
Vehicles	1,692	2,973	238	56			58	5,017	9,122	25	48	732	1,728	11,582	40	5,130	0	0					
Persons	1,692	5,946	754	672																			

HOV Restricted

5 Hour	Period	Peak Hour
	9:30 AM - 10:27 AM	10:27 AM - 11:17 AM
11,582	10,273	3,117
0	0	0
9,122	7,927	2,461
5,017	4,047	1,123
1.82	1.96	2.19

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-66 G
 I-66 East between VA 7100 and Monument Drive
 Conventional Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Van-pools	Auto Occ.	Total Autos + MC	Total Auto Persons + MC	Buses Transit	Other	Bus Passengers	Other + Bus Pass.	Total Auto Passengers + MC	Trucks	Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	1	2	3+															
5:00 - 5:30	1,110	31	3	1	1.05	6.25	11	1,156	1,208	0	0	0	0	0	0	0	0	0	0	1,208	99	1,255	0	
5:30 - 6:00	2,553	37	1	1	1.02	7.50	1	2,593	2,643	0	0	0	0	0	0	0	0	0	0	2,643	98	2,691	0	
6:00 - 6:30	2,232	51	1	1	1.03	8.00	1	2,286	2,351	0	1	0	0	0	0	0	0	0	0	2,351	81	2,368	0	
6:30 - 7:00	1,921	121	6	2	1.08	5.38	8	2,058	2,214	0	3	0	0	0	0	0	0	0	0	2,214	66	2,127	0	
7:00 - 7:30	1,875	155	2	0	1.08	3.00	5	2,037	2,196	0	1	0	0	0	0	0	0	0	0	2,196	68	2,106	0	
7:30 - 8:00	1,896	87	1	0	1.04	3.00	5	1,989	2,078	0	1	0	0	0	0	0	0	0	0	2,078	109	2,099	0	
8:00 - 8:30	1,936	53	2	1	1.03	6.33	5	1,997	2,066	0	0	0	0	0	0	0	0	0	0	2,066	130	2,127	0	
8:30 - 9:00	1,933	31	1	0	1.02	3.00	2	1,967	2,000	0	0	0	0	0	0	0	0	0	0	2,000	122	2,089	0	
9:00 - 9:30	1,824	44	2	0	1.03	3.00	14	1,884	1,932	0	1	0	0	0	0	0	0	0	0	1,932	173	2,058	0	
9:30 - 10:00	1,777	44	3	0	1.03	3.00	1	1,825	1,875	0	0	0	0	0	0	0	0	0	0	1,875	133	1,958	0	
Vehicles	19,057	654	22	6				19,792	20,563	0	7									20,563	1,079	20,878	0	
Persons	19,057	1,308	73	72																			0	

HOV Restricted

5 Hour	Period		Peak Hour
	(5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)	
20,563	17,480	4,994	4,994
0	0	0	0
20,563	17,480	4,994	4,994
19,792	16,811	4,879	4,879
1.04	1.04	1.02	1.02

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-66 H
 I-66 East at Bull Run (Prince William County / Fairfax County Line)
 Conventional Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail				
	Autos	Autos	Autos	Autos	Van-pools	Riders				Transit	Other	Bus Passengers	Trucks	Vehicles	Metro	Comm.		
5:00 - 5:30	1,414	34	2	0	1.03	3.50	1	1,451	1,490	0	1	0	21	1,511	127	1,579	0	0
5:30 - 6:00	2,145	34	2	0	1.02	3.00	0	2,181	2,219	0	0	0	0	2,219	119	2,300	0	0
6:00 - 6:30	2,458	101	6	1	1.05	4.29	2	2,568	2,692	0	3	0	63	2,755	121	2,692	0	0
6:30 - 7:00	2,283	95	9	2	1.06	4.82	2	2,391	2,528	0	1	0	21	2,549	138	2,530	0	0
7:00 - 7:30	2,228	87	7	0	1.04	3.00	0	2,322	2,423	0	0	0	0	2,423	138	2,460	0	0
7:30 - 8:00	1,758	28	5	0	1.02	3.20	0	1,791	1,830	0	0	0	0	1,830	115	1,906	0	0
8:00 - 8:30	2,100	53	9	1	1.04	4.20	0	2,163	2,248	0	0	0	0	2,248	158	2,321	0	0
8:30 - 9:00	1,913	71	6	2	1.05	5.25	0	1,992	2,097	0	0	0	0	2,097	153	2,145	0	0
9:00 - 9:30	1,649	95	11	0	1.07	3.00	1	1,756	1,873	0	3	0	63	1,936	199	1,958	0	0
9:30 - 10:00	1,243	117	15	2	1.13	4.29	1	1,378	1,551	0	0	0	0	1,551	188	1,566	0	0
Vehicles	19,191	715	72	8				19,993		0	8	0	168	21,119	1,456	21,457	0	0
Persons	19,191	1,430	227	96				20,951										

HOV Restricted

	5 Hour		Peak Hour	
	(5:30 AM - 9:30 AM)	(6:00 AM - 7:00 AM)	(5:30 AM - 6:00 AM)	(6:00 AM - 7:00 AM)
Highway Passengers	21,119	18,057	5,304	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	20,951	17,910	5,220	0
Autos and Motorcycles	19,993	17,164	4,959	0
Average Auto Occupancy (Includes Motorcycles)	1.05	1.04	1.05	1.05

I-66 H

I-66 East at Bull Run (Prince William County / Fairfax County Line)

HOV Total

HOV Restriction Period: 5:30 AM - 9:30 AM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Buses Transit	Other	Bus Passengers	Other + Bus Pass.	Riders + MC	Total Auto Passengers + MC	Trucks	Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	1	2	3+													
5:00 - 5:30	464	97	3	3	3	3	1.24	7.50	4	571	707	0	1	0	36	743	1	573	0	0	0	
5:30 - 6:00	299	146	10	8	8	8	1.55	7.06	8	471	726	0	1	0	36	762	0	472	0	88	0	
6:00 - 6:30	84	414	18	12	12	12	2.12	6.93	8	536	1,128	0	2	0	72	1,200	1	539	0	149	0	
6:30 - 7:00	106	431	37	3	3	3	1.95	3.98	5	582	1,132	0	2	0	72	1,204	3	587	0	166	0	
7:00 - 7:30	213	417	26	1	1	1	1.74	3.59	5	662	1,149	0	2	0	72	1,221	0	664	0	179	0	
7:30 - 8:00	154	344	30	0	0	0	1.78	3.20	6	534	944	0	1	0	36	980	0	535	0	169	0	
8:00 - 8:30	68	339	11	4	4	4	1.96	5.47	11	433	839	0	3	0	108	947	5	441	0	83	0	
8:30 - 9:00	40	244	10	0	0	0	1.90	3.10	6	300	565	0	1	0	36	601	4	305	0	0	0	
9:00 - 9:30	95	127	5	0	0	0	1.60	3.00	9	236	373	0	6	0	216	589	2	244	0	0	0	
9:30 - 10:00	356	93	9	0	0	0	1.24	3.00	2	460	571	0	1	0	36	607	0	461	0	0	0	
Vehicles	1,879	2,652	159	31	64	4,785	8,134	20	720	8,854	16	4,821	0	834	0	0	0	0	0	0	0	
Persons	1,879	5,304	515	372	372	8,134	8,134	20	720	8,854	16	4,821	0	834	0	0	0	0	0	0	0	

HOV Restricted

5 Hour (5:30 AM - 9:30 AM)	Period		Peak Hour (6:00 AM - 7:00 AM)
	9:30 AM -	7:00 AM -	
8,854	7,504	2,404	315
834	834	2,260	1,118
4,785	3,754	1,118	2.02
1.70	1.83		

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-66 H
 I-66 East at Bull Run (Prince William County / Fairfax County Line)
 Facility Total
 HOV Restriction Period: 5:30 AM - 9:30 AM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC	Buses		Bus Passengers		Total Auto Passengers + MC	Total Trucks	Total Rail Metro Comm.
	Autos	Autos	Autos	Autos	Transit	Other						Trans	Other					
5:00 - 5:30	1,878	131	5	3	1.09	6.50	5	2,022	2,197	0	2	0	57	2,254	128	2,152	0	0
5:30 - 6:00	2,444	180	12	8	1.11	6.65	8	2,652	2,945	0	1	0	36	2,981	119	2,772	0	88
6:00 - 6:30	2,542	515	24	13	1.23	6.43	10	3,104	3,820	0	5	0	135	3,955	122	3,231	0	149
6:30 - 7:00	2,389	526	46	5	1.23	4.16	7	2,973	3,660	0	3	0	93	3,753	141	3,117	0	166
7:00 - 7:30	2,441	504	33	1	1.20	3.47	5	2,984	3,572	0	2	0	72	3,644	138	3,124	0	179
7:30 - 8:00	1,912	372	35	0	1.19	3.20	6	2,325	2,774	0	1	0	36	2,810	115	2,441	0	169
8:00 - 8:30	2,168	392	20	5	1.19	4.96	11	2,596	3,087	0	3	0	108	3,195	163	2,762	0	83
8:30 - 9:00	1,953	315	16	2	1.16	4.06	6	2,292	2,662	0	1	0	36	2,698	157	2,450	0	0
9:00 - 9:30	1,744	222	16	0	1.13	3.00	10	1,992	2,246	0	9	0	279	2,525	201	2,202	0	0
9:30 - 10:00	1,599	210	24	2	1.15	3.85	3	1,838	2,122	0	1	0	36	2,158	188	2,027	0	0
Vehicles	21,070	3,367	231	39			71	24,778	29,085	0	28	0	888	29,973	1,472	26,278	0	834
Persons	21,070	6,734	742	468														

	HOV Restricted	
	Period	Peak Hour
5 Hour	5:30 AM - 8:30 AM	6:00 AM - 7:00 AM
	29,973	25,561
Highway Passengers	834	315
Rail Passengers	29,085	24,766
Auto and Motorcycle Passengers	24,778	20,918
Autos and Motorcycles	1.17	1.18
Average Auto Occupancy (Includes Motorcycles)		1.23

I-66-I

Dulles Connector (Toll Road and Access Road) between Va. 123 and I-66
 Facility Total (Toll Road and Access Road traffic combined)
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2004

Time	Autos			Van-pools	Avg. Van-pools Auto Occ.	3+ Autos + Motor-cycles (MC)	Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles	Rail	
	1	2	3+				Van-pools	Transit	Other	Trans	Other	Riders	Trucks	Metro		Comm.	
5:00 - 5:30	409	1	0	0	1.00	1	411	412	1	0	16	0	428	2	414	0	0
5:30 - 6:00	807	23	4	1	1.05	5.20	836	880	2	0	49	0	929	3	841	0	0
6:00 - 6:30	905	128	7	8	1.22	8.00	1,050	1,283	0	7	0	260	1,543	10	1,067	0	0
6:30 - 7:00	352	315	39	10	1.72	5.14	723	1,241	0	5	0	184	1,425	2	730	0	0
7:00 - 7:30	336	556	43	3	1.73	3.87	947	1,635	0	12	0	444	2,079	3	962	0	0
7:30 - 8:00	320	768	58	0	1.78	3.22	1,157	2,054	0	17	0	480	2,534	0	1,174	0	0
8:00 - 8:30	311	537	30	1	1.70	3.55	884	1,500	0	5	0	184	1,684	4	893	0	0
8:30 - 9:00	506	315	16	2	1.44	4.17	845	1,217	0	2	0	0	1,217	4	851	0	0
9:00 - 9:30	1,235	130	9	1	1.12	4.10	1,377	1,538	0	4	0	144	1,682	4	1,385	0	0
9:30 - 10:00	955	134	8	4	1.18	3.95	1,103	1,298	0	1	0	36	1,334	4	1,108	0	0
Vehicles	6,136	2,907	214	30		46	9,333	13,058	3	53	65	1,732	14,855	36	9,425	0	0
Persons	6,136	5,814	702	360													

	HOV Restricted		Peak Hour
	Period		
	5 Hour (6:30 AM - 9:00 AM)	(7:00 AM - 8:00 AM)	
Highway Passengers	14,855	9,265	4,613
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	13,058	7,713	3,689
Autos and Motorcycles	9,333	4,761	2,104
Average Auto Occupancy (Includes Motorcycle)	1.40	1.62	1.75

I-66 I

Dulles Toll Road Eastbound east of VA 123

Facility Total

HOV Restriction Period: 6:30 AM - 9:00 AM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Motor-cycles (MC)	Avg. Auto Occ.	3+ Autos + Van-pools + MC	Total Auto Autos			Total Auto Passengers + MC			Total Rail Metro Comm.		
	1	2	3+	1	2	3+	1	2	3+					Van-pools + MC	Transit	Other	Bus Passengers	Other	Riders + Bus Pass.		Trucks	Vehicles
5:00 - 5:30	24	1	0	0	0	0	1.04	0	0	0	0	25	26	1	0	16	0	42	0	26	0	0
5:30 - 6:00	32	11	2	0	0	0	1.36	0	0	0	0	45	61	2	1	49	0	110	0	48	0	0
6:00 - 6:30	58	15	1	0	0	0	1.23	0	0	0	0	75	92	4	5	91	180	363	2	86	0	0
6:30 - 7:00	113	24	5	3	1	0	1.47	0	0	0	0	145	213	8	4	217	144	574	0	157	0	0
7:00 - 7:30	180	35	6	1	0	0	1.27	0	0	0	0	222	281	12	9	333	324	938	1	244	0	0
7:30 - 8:00	240	31	1	0	0	0	1.12	0	0	0	0	273	306	11	10	295	360	961	0	294	0	0
8:00 - 8:30	211	34	2	0	0	0	1.15	0	0	0	0	247	285	9	4	258	144	687	0	260	0	0
8:30 - 9:00	160	30	5	1	0	0	1.27	0	0	0	0	196	249	6	0	161	0	410	1	203	0	0
9:00 - 9:30	118	14	3	1	0	0	1.23	0	0	0	0	136	167	5	4	0	144	311	0	145	0	0
9:30 - 10:00	67	14	2	1	0	0	1.36	0	0	0	0	85	115	0	1	0	36	151	0	86	0	0
Vehicles	1,203	209	27	7	0	0		3	1,449	58	38							4,547	4	1,549	0	0
Persons	1,203	418	87	84	0	0		1,795										1,420	1,332			

HOV Restricted

	5 Hour (6:30 AM - 9:00 AM)		Peak Hour (7:00 AM - 8:00 AM)	
	9:00 AM - 9:30 AM	9:30 AM - 10:00 AM	7:00 AM - 7:30 AM	7:30 AM - 8:00 AM
Highway Passengers	4,547	3,523	1,899	1,899
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	1,795	1,177	587	587
Autos and Motorcycles	1,449	962	495	495
Average Auto Occupancy (Includes Motorcy	1.24	1.22	1.19	1.19

Dulles Airport Access Road Eastbound east of VA 123

Facility Total

HOV Restriction Period: 6:30 AM - 9:00 AM (HOV Restrictions do not apply to Access Road traffic)

Spring, 2004

Time	Autos			Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Auto Persons + MC			Bus Passengers			Total Auto Passengers + MC Riders			Total Rail		
	1 Autos	2 Autos	3+ Autos				Van-pools	Transit	Other	Trucks	Other	Trans	Other	Trucks	Metro	Comm.		
5:00 - 5:30	385	0	0	0	1.00	1	386	386	0	0	0	0	0	386	2	388	0	0
5:30 - 6:00	775	12	2	1	1.04	1	791	819	0	0	0	0	0	819	3	794	0	0
6:00 - 6:30	847	113	6	8	1.22	1	975	1,191	1	2	36	80	0	1,307	8	986	0	0
6:30 - 7:00	239	291	34	7	1.79	7	578	1,028	2	1	63	40	0	1,131	2	583	0	0
7:00 - 7:30	156	521	37	2	1.88	9	725	1,354	1	3	32	120	0	1,506	2	731	0	0
7:30 - 8:00	80	737	57	0	1.99	10	884	1,748	2	7	58	120	0	1,926	0	893	0	0
8:00 - 8:30	100	503	28	1	1.91	5	637	1,215	1	1	23	40	0	1,278	4	643	0	0
8:30 - 9:00	346	285	11	1	1.50	6	649	968	0	2	0	0	0	968	3	654	0	0
9:00 - 9:30	1,117	116	6	0	1.10	2	1,241	1,371	0	0	0	0	0	1,371	4	1,245	0	0
9:30 - 10:00	888	120	6	3	1.16	1	1,018	1,183	0	0	0	0	0	1,183	4	1,022	0	0
Vehicles	4,933	2,698	187	23		43	7,884	11,263	7	16	212	400	32	11,875	7,939	0	0	0
Persons	4,933	5,396	615	276														

HOV Restricted

5 Hour	Period		Peak Hour
	6:30 AM - 9:00 AM	7:00 AM - 8:00 AM	
11,875	7,148	3,432	
0	0	0	
11,263	6,536	3,102	
7,884	3,799	1,609	
1.43	1.72	1.93	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcyc

I-66-I reverse direction
 Dulles Connector (Toll Road and Access Road) between I-66 and Va. 123
 Facility Total (Toll Road and Access Road traffic combined)
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Vehicles	Rail Metro Comm.
	1	2	1	2	1	2						Transit	Other	Trans	Other	+ Bus Pass.	Trucks		
5:00 - 5:30	157	0	0	1	1.07	12.00	0	158	169	1	0	16	0	185	3	162	0	0	
5:30 - 6:00	472	16	3	1	1.07	5.50	0	492	526	2	0	49	0	575	1	495	0	0	
6:00 - 6:30	401	195	20	1	1.40	3.48	1	618	865	0	5	0	180	1,045	1	624	0	0	
6:30 - 7:00	605	286	25	4	1.42	4.41	1	921	1,306	0	4	0	152	1,458	4	929	0	0	
7:00 - 7:30	884	318	19	1	1.30	3.50	2	1,224	1,592	0	2	0	76	1,668	1	1,227	0	0	
7:30 - 8:00	1,028	127	5	1	1.13	4.83	0	1,161	1,311	0	7	0	268	1,579	5	1,173	0	0	
8:00 - 8:30	1,084	98	6	3	1.13	6.89	4	1,195	1,346	0	4	0	152	1,498	0	1,199	0	0	
8:30 - 9:00	1,299	387	7	1	1.24	4.13	4	1,698	2,110	0	2	0	76	2,186	3	1,703	0	0	
9:00 - 9:30	1,208	246	9	5	1.22	6.43	0	1,468	1,790	0	4	0	144	1,934	3	1,475	0	0	
9:30 - 10:00	695	69	4	1	1.12	3.95	1	770	859	0	1	0	36	895	1	772	0	0	
Vehicles	7,833	1,742	98	19			13	9,705		3	29	65	1,084	13,023	22	9,759	0	0	
Persons	7,833	3,484	316	228				11,874											

	HOV Restricted		Peak Hour
	5 Hour (6:30 AM - 9:00 AM)	Period (8:30 AM - 9:30 AM)	
Highway Passengers	13,023	7,248	4,120
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	11,874	6,420	3,900
Autos and Motorcycles	9,705	5,119	3,166
Average Auto Occupancy (Includes Motorcy)	1.22	1.25	1.23

I-66-I reverse direction
 VA 267 - Dulles Toll Road Westbound east of VA 123
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Buses			Bus Passengers			Total Auto Passengers + MC Riders			Total Vehicles	Rail Metro Comm.
	1	2	3	4	Transit	Other					Other	Trans	Other	Trans	Other	Trans	Other	Trans	Other		
5:00 - 5:30	36	0	0	1	1.30	12.00	0	37	48	1	0	16	0	64	1	39	0	0	0	0	
5:30 - 6:00	72	3	0	0	1.04	0	75	78	2	0	49	0	127	1	78	0	0	0	0	0	
6:00 - 6:30	76	30	6	0	1.38	3.00	1	113	155	4	5	91	180	426	0	122	0	0	0	0	
6:30 - 7:00	96	35	6	1	1.43	4.57	0	138	198	8	2	217	72	487	0	148	0	0	0	0	
7:00 - 7:30	95	24	3	0	1.25	3.00	0	122	152	12	1	333	36	521	0	135	0	0	0	0	
7:30 - 8:00	62	14	0	0	1.18	0	76	90	11	3	295	108	493	1	91	0	0	0	0	0	
8:00 - 8:30	46	7	0	2	1.53	12.00	0	55	84	9	2	258	72	414	0	66	0	0	0	0	
8:30 - 9:00	32	6	2	0	1.25	3.00	0	40	50	6	1	161	36	247	1	48	0	0	0	0	
9:00 - 9:30	62	11	4	4	1.79	7.63	0	81	145	5	4	0	144	289	0	90	0	0	0	0	
9:30 - 10:00	64	12	3	1	1.38	3.95	0	80	110	0	1	0	36	146	0	81	0	0	0	0	
Vehicles	641	142	24	9			1	817	1,110	58	19	1,420	684	3,214	4	898	0	0	0	0	
Persons	641	284	76	108																	

	HOV Restricted		Peak Hour
	5 Hour (6:30 AM - 9:00 AM)	9:00 AM - 9:30 AM)	
Highway Passengers	3,214	2,341	536
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	1,110	679	195
Autos and Motorcycles	817	504	121
Average Auto Occupancy (Includes Motorcy	1.36	1.35	1.61

I-66-I reverse direction
 Dulles Access Road Westbound east of VA 123
 Facility Total
 HOV Restriction Period: 4:00 PM - 6:30 PM (HOV Restrictions do not apply to Access Road traffic)
 Spring, 2004

Time	Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Buses Transit	Bus Passengers		Total Auto Passengers + Riders + Bus Pass.	Trucks	Total Vehicles	Rail Metro Comm.	
	1	2	3+				Van-pools + MC	Autos + MC		Trans	Other					
5:00 - 5:30	121	0	0	0	1.00	0.00	0	121	0	0	0	121	2	123	0	
5:30 - 6:00	400	13	3	1	1.07	5.50	0	417	0	0	0	448	0	417	0	
6:00 - 6:30	325	165	14	1	1.41	3.67	0	505	1	0	29	739	1	507	0	
6:30 - 7:00	509	251	19	3	1.42	4.36	1	783	1	2	26	1,214	4	790	0	
7:00 - 7:30	789	294	16	1	1.31	3.59	2	1,102	1,440	2	1	1,550	1	1,106	0	
7:30 - 8:00	966	113	5	1	1.13	4.83	0	1,085	1,221	1	4	1,411	4	1,094	0	
8:00 - 8:30	1,038	91	6	1	1.11	5.43	4	1,140	1,262	1	2	1,352	0	1,143	0	
8:30 - 9:00	1,267	381	5	1	1.24	4.50	4	1,658	2,060	1	1	2,116	2	1,662	0	
9:00 - 9:30	1,146	235	5	1	1.19	4.83	0	1,387	1,645	0	0	1,645	3	1,390	0	
9:30 - 10:00	631	57	1	0	1.09	3.00	1	690	749	0	0	749	1	691	0	
Vehicles	7,192	1,600	74	10			12	8,888	10,764	7	10	181	400	18	8,923	0
Persons	7,192	3,200	240	120												0

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	11,345	6,266	3,761
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	10,764	5,741	3,705
Autos and Motorcycles	8,888	4,615	3,045
Average Auto Occupancy (Includes Motorcy	1.21	1.24	1.22

I-270 A
 I-270 South between "Split" and MD 187
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC			Buses			Bus Passengers			Passengers + MC			Total Vehicles	Rail Metro Comm.	
	1	2	3+	1	2	3+	1	2	3+					Transit	Other	Other	Trans	Other	Riders	Other	Riders	Other	Trans					
5:00 - 5:30	259	30	0	2	1.18	12.00	0	291	343	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 - 6:00	1,207	158	9	0	1.13	3.44	5	1,379	1,559	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 - 6:30	1,695	345	22	8	1.23	5.53	10	2,080	2,561	2	1	2	1	36	21	2,618	68	2,151	1,007	1,007	572	572	572	572	572	572	572	
6:30 - 7:00	2,098	470	40	6	1.24	4.37	11	2,625	3,250	2	2	2	30	42	3,322	119	2,748	1,600	1,600	579	579	579	579	579	579	579	579	
7:00 - 7:30	2,172	481	30	3	1.22	3.97	5	2,691	3,270	2	2	2	34	42	3,346	125	2,820	2,373	2,373	564	564	564	564	564	564	564	564	
7:30 - 8:00	2,146	576	26	2	1.24	3.82	13	2,763	3,418	2	1	33	21	33	21	3,472	75	2,841	2,611	2,611	593	593	593	593	593	593	593	
8:00 - 8:30	2,174	524	22	2	1.22	3.88	11	2,733	3,326	1	3	14	63	40	21	3,403	71	2,808	2,532	2,532	235	235	235	235	235	235	235	
8:30 - 9:00	2,197	514	36	3	1.23	3.85	11	2,761	3,386	1	1	40	21	40	21	3,447	99	2,862	2,122	2,122	274	274	274	274	274	274	274	
9:00 - 9:30	2,041	295	29	1	1.16	3.60	4	2,370	2,743	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 - 10:00	1,824	283	20	0	1.16	3.35	3	2,130	2,460	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicles	21,823																											
Persons	26,316																											

	HOV		5 Hour	Peak Hour	
	Period (6:00 AM - 9:00 AM)	Period (7:30 AM - 8:30 AM)			
Highway Passengers	26,741	19,608	26,741	6,875	6,875
Rail Passengers	18,666	15,062	18,666	5,971	5,971
Auto and Motorcycle Passengers	26,316	19,211	26,316	6,744	6,744
Autos and Motorcycles	21,823	15,653	21,823	5,496	5,496
Average Auto Occupancy (Includes Motorcycles)	1.21	1.23	1.21	1.23	1.23

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119 2,748 1,600 579

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119 2,748 1,600 579

125 2,820 2,373 564

75 2,841 2,611 593

71 2,808 2,532 235

99 2,862 2,122 274

I-270 A
 I-270 South between "Split" and MD 187
 HOV Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Avg 3+ Avg Auto Occ.	Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Buses		Bus Passengers		Riders + Bus Pass	Trucks	Total Rail Vehicles et Comm.	
	1	2	3+	Vans	Autos	Autos	Vans	Autos	Autos			Van-pools	Van-pools	Transit	Other	Trans	Other	Trans	Other				Passengers + MC
5:00 - 5:30	83	15	0	2	1.37	12.00	0	100	137	0	0	0	0	0	0	0	0	0	0	137	2	102	0
5:30 - 6:00	347	71	5	0	1.20	3.80	3	426	511	1	0	7	0	0	0	0	0	0	0	518	3	430	0
6:00 - 6:30	116	224	15	7	1.92	5.91	7	369	701	2	1	36	21	36	21	758	0	372	0	758	0	372	0
6:30 - 7:00	102	289	23	6	1.96	4.93	7	437	850	2	2	30	42	30	42	922	6	447	0	922	6	447	0
7:00 - 7:30	122	312	17	2	1.81	3.95	4	457	825	2	2	34	42	34	42	901	3	464	0	901	3	464	0
7:30 - 8:00	43	415	13	1	1.96	3.71	6	478	931	2	1	33	21	33	21	985	2	483	0	985	2	483	0
8:00 - 8:30	60	361	7	1	1.90	4.13	4	433	819	1	3	14	63	14	63	896	3	440	0	896	3	440	0
8:30 - 9:00	122	265	18	0	1.74	3.00	7	412	713	1	1	40	21	40	21	774	2	416	0	774	2	416	0
9:00 - 9:30	437	98	4	0	1.20	3.00	2	541	647	0	0	0	0	0	0	647	3	544	0	647	3	544	0
9:30 - 10:00	476	94	1	0	1.17	3.00	1	572	668	0	1	0	21	0	21	689	3	576	0	689	3	576	0
Vehicles	1,908	2,154	103	19				4,225	6,802	11	11	194	231	194	231	7,227	27	4,274	0	7,227	27	4,274	0
Persons	1,908	4,308	317	228				4,225	6,802	11	11	194	231	194	231	7,227	27	4,274	0	7,227	27	4,274	0

	HOV		Peak Hour
	Period	5 Hour	
Highway Passengers	6:00 AM - 9:00 AM	7,227	7:30 AM - 8:30 AM
Rail Passengers	6:00 AM - 9:00 AM	0	1,881
Auto and Motorcycle Passengers	6:00 AM - 9:00 AM	6,802	0
Autos and Motorcycles	6:00 AM - 9:00 AM	4,225	1,750
Average Auto Occupancy (Includes Motorcycles)	6:00 AM - 9:00 AM	1.61	911
	6:00 AM - 9:00 AM	1.87	1.92

I-270 B
 I-270 South between MD 189 and Montrose Road
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ.	Motor- cycles (MC)	Total Autos		Total Persons		Buses			Passengers			Total Vehicles	Rail Metro Comm.		
	Autos	Autos	Vans	Autos	Autos	Vans	Van-pools + MC	Autos + MC	Riders				+ MC	Riders	+ MC	Transit	Other	Trans	Other	+ Bus Pass	Riders	+ MC			Trucks	
5:00 - 5:30	771	42	2	1	1.07	6.00	5	821	878	0	0	0	0	0	0	0	0	0	0	0	0	0	868	0	0	
5:30 - 6:00	3,790	435	17	14	1.15	7.13	8	4,264	4,889	0	0	0	0	0	0	0	0	0	0	0	0	0	4,391	0	0	
6:00 - 6:30	3,812	894	33	30	1.27	7.54	16	4,785	6,091	3	0	30	0	0	0	0	0	0	0	0	0	0	4,953	0	0	
6:30 - 7:00	3,776	568	36	11	1.18	5.36	8	4,399	5,172	3	0	44	0	0	0	0	0	0	0	0	0	0	4,561	0	0	
7:00 - 7:30	3,798	476	120	4	1.18	3.42	7	4,405	5,181	3	0	36	0	0	0	0	0	0	0	0	0	0	4,581	0	0	
7:30 - 8:00	4,328	748	28	0	1.16	3.14	12	5,116	5,924	4	0	30	0	0	0	0	0	0	0	0	0	0	5,278	0	0	
8:00 - 8:30	3,946	935	23	2	1.21	4.00	2	4,908	5,918	4	2	48	0	0	0	0	0	0	0	0	0	0	5,085	0	0	
8:30 - 9:00	3,751	669	41	6	1.18	4.30	8	4,485	5,309	4	0	23	0	0	0	0	0	0	0	0	0	0	4,654	0	0	
9:00 - 9:30	3,454	357	27	3	1.12	4.07	2	3,843	4,292	0	0	0	0	0	0	0	0	0	0	0	0	0	4,005	0	0	
9:30 - 10:00	3,488	563	22	9	1.18	5.90	4	4,086	4,801	0	0	0	0	0	0	0	0	0	0	0	0	0	4,269	0	0	
Vehicles	34,924	5,687	349	80				41,112	48,455	2	2	211	42	48,708	1,510	42,645	0	0	0	0	0	0	0	0	0	0
Persons	34,924	11,374	1,125	960																						

HOV	Period	5 Hour	Peak Hour	
			(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)
Highway Passengers		48,708	33,848	11,962
Rail Passengers		0	0	0
Auto and Motorcycle Passengers		48,455	33,595	11,842
Autos and Motorcycles		41,112	28,098	10,024
Average Auto Occupancy (Includes Motorcycles)		1.18	1.20	1.18

I-270 B
 I-270 South between MD 189 and Montrose Road
 HOV Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ.	Motor- cycles (MC)	Total Auto Persons			Total Auto Riders			Total Auto Passengers			Total Vehicles	Rail Metro Comm.
	Autos	Autos	3+	Vans	Autos	3+	Van-pools + MC	Autos	Persons				+ MC	Riders	Transit	Other	Buses	Bus Passengers	Other	+ Bus Pass	Trucks		
5:00 - 5:30	211	32	2	1	1.19	6.00	1	247	294	0	0	0	0	0	0	0	0	294	4	251	0	0	
5:30 - 6:00	550	308	11	9	1.49	7.15	2	880	1,311	0	0	0	0	0	0	0	0	1,311	2	882	0	0	
6:00 - 6:30	147	414	18	15	2.05	7.39	8	602	1,227	3	0	30	0	0	0	0	0	1,257	2	607	0	0	
6:30 - 7:00	104	292	24	10	2.05	5.71	5	435	887	3	0	44	0	0	0	0	0	931	6	444	0	0	
7:00 - 7:30	97	262	29	2	1.89	3.77	4	394	742	3	0	36	0	0	0	0	0	778	6	403	0	0	
7:30 - 8:00	52	528	23	0	1.96	3.09	9	612	1,188	4	0	30	0	0	0	0	0	1,218	1	617	0	0	
8:00 - 8:30	8	665	16	1	2.03	3.82	1	691	1,404	4	1	48	21	0	0	0	0	1,473	2	698	0	0	
8:30 - 9:00	138	365	20	4	1.85	4.50	5	532	981	4	0	23	0	0	0	0	0	1,004	6	542	0	0	
9:00 - 9:30	398	104	12	1	1.27	3.69	1	516	665	0	0	0	0	0	0	0	0	655	2	518	0	0	
9:30 - 10:00	471	94	11	5	1.30	6.13	0	581	757	0	0	0	0	0	0	0	0	757	2	583	0	0	
Vehicles	2,176	3,064	166	48				5,490	9,446	21	1	211	21	21	9,678	33	5,545						
Persons	2,176	6,128	530	576																			

	HOV		Period		Peak Hour
	5 Hour	6:00 AM - 9:00 AM	7:30 AM - 9:00 AM	8:30 AM - 9:00 AM	
Highway Passengers	9,678	6,661	2,691	0	
Rail Passengers	0	0	0	0	
Auto and Motorcycle Passengers	9,446	6,429	2,592	0	
Autos and Motorcycles	5,490	3,266	1,303	0	
Average Auto Occupancy (Includes Motorcycles)	1.72	1.97	1.99	0	

I-270 B
 I-270 South between MD 189 and Montrose Road
 Conventional Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ.	Motor- cycles (MC)	Total Autos			Total Persons			Passengers +MC			Total Vehicles	Rail Metro Comm.			
	Autos	Autos	Vans	Autos	Autos	Vans	Van-pools + MC	Autos	Persons				+ MC	Riders	Transit	Other	Bus Passengers	Other	+ Bus Pass	Riders	Trucks					
5:00 - 5:30	560	10	0	0	0	0	574	584	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:30 - 6:00	3,240	127	6	5	1.06	7.09	3,384	3,578	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:00 - 6:30	3,665	480	15	15	1.16	7.70	4,183	4,864	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:30 - 7:00	3,672	276	12	1	1.08	4.46	3,964	4,285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 - 7:30	3,701	214	91	2	1.11	3.30	4,011	4,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 - 8:00	4,276	220	5	0	1.05	3.40	4,504	4,736	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 - 8:30	3,938	270	7	1	1.07	4.38	4,217	4,514	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 - 9:00	3,623	304	21	2	1.09	4.09	3,953	4,328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 - 9:30	3,056	253	15	2	1.09	4.35	3,327	3,637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:30 - 10:00	3,017	469	11	4	1.15	5.67	3,505	4,044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vehicles	32,748	2,623	183	32			35,622		0	1													1,477	37,100	0	0
Persons	32,748	5,246	595	384				39,009																	0	0

	HOV		
	5 Hour	Period	Peak Hour
Highway Passengers	39,030	6:00 AM - 9:00 AM	7:30 AM - 8:30 AM
Rail Passengers	0	27,187	9,271
Auto and Motorcycle Passengers	39,009	0	0
Average Auto Occupancy	35,622	27,166	9,250
(Includes Motorcycles)	1.10	24,832	8,721
		1.09	1.06

I-270 C
 I-270 South between I-370 and Shady Grove Road
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ.	Motor- cycles (MC)	Total Autos			Total Persons + MC			Buses			Bus Passengers			Passengers +MC			Total		
	Autos	Autos	Vans	Autos	Autos	Vans	Autos	Autos	Vans				Riders	Van-pools + MC	Riders	Transit	Other	Transit	Other	Transit	Other	Transit	Other	Transit	Other	Transit	Other	Trucks	Vehicles	Metro
5:00 - 5:30	1,281	12	0	5	1.05	12.60	8	1,306	1,376	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,376	71	1,377	318	0		
5:30 - 6:00	3,211	139	7	17	1.10	9.42	14	3,388	3,729	1	2	6	42	3,777	200	3,591	395	0	0	0	0	0	0	0	3,777	200	3,591	395	0	
6:00 - 6:30	3,478	301	39	16	1.16	6.40	19	3,853	4,451	2	2	22	42	4,515	104	3,961	1,028	0	0	0	0	0	0	0	4,515	104	3,961	1,028	0	
6:30 - 7:00	3,164	546	30	4	1.18	4.53	24	3,768	4,434	2	2	37	42	4,513	129	3,901	1,443	0	0	0	0	0	0	0	4,513	129	3,901	1,443	0	
7:00 - 7:30	3,160	423	37	5	1.16	4.52	12	3,637	4,208	2	2	53	42	4,303	72	3,713	1,438	0	0	0	0	0	0	0	4,303	72	3,713	1,438	0	
7:30 - 8:00	3,110	692	24	0	1.19	3.25	13	3,839	4,585	2	2	44	42	4,671	97	3,940	1,826	0	0	0	0	0	0	0	4,671	97	3,940	1,826	0	
8:00 - 8:30	2,936	676	35	1	1.21	3.50	5	3,653	4,419	4	1	84	21	4,524	114	3,772	2,067	0	0	0	0	0	0	0	4,524	114	3,772	2,067	0	
8:30 - 9:00	2,045	409	19	1	1.19	3.80	12	2,486	2,951	3	0	51	0	3,002	75	2,564	1,055	0	0	0	0	0	0	0	3,002	75	2,564	1,055	0	
9:00 - 9:30	2,885	281	26	8	1.13	5.26	6	3,206	3,632	1	0	6	0	3,638	97	3,304	528	0	0	0	0	0	0	0	3,638	97	3,304	528	0	
9:30 - 10:00	2,272	264	14	1	1.12	3.93	6	2,557	2,865	0	0	0	0	2,865	103	2,660	393	0	0	0	0	0	0	0	2,865	103	2,660	393	0	
Vehicles	27,542	3,743	231	58				31,693	36,650	17	11	303	231	37,184	1,062	32,783	10,491	0	0	0	0	0	0	0	1,062	32,783	10,491	0	0	
Persons	27,542	7,486	807	696																										

HOV	Period	Peak Hour	
		(7:30 AM - 8:30 AM)	(8:30 AM - 9:15 AM)
5 Hour	(6:00 AM - 9:00 AM)	37,184	31,693
Highway Passengers		25,528	9,195
Rail Passengers		8,857	3,593
Auto and Motorcycle Passengers		25,048	9,004
Autos and Motorcycles		21,236	7,492
Average Auto Occupancy (Includes Motorcycles)		1.18	1.20

I-270 C

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

HOV Total

HOV Restriction Period: 6:00 AM - 9:00 AM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Avg Auto Occ.	3+ Avg Auto Occ.	Motor-cycles (MC)	Total Autos + MC			Buses + MC			Bus Passengers + MC			Total Rail																								
	1	2	3+	Vans	Autos	Autos	Vans	Autos	Autos				Transit	Other	Other	Riders	Trans	Other	Trucks	Other	Transit	Other	Trucks	Other	Metro	Comm.																				
5:00 - 5:30	332	5	0	5	1.18	12.60	2	344	407	0	0	0	0	0	0	0	0	0	0	407	5	349	160	0																						
5:30 - 6:00	526	56	2	14	1.36	10.88	8	606	820	1	1	6	21	847	2	610	235	0	0	847	2	610	235	0																						
6:00 - 6:30	232	163	20	8	1.70	5.75	16	439	735	2	1	22	21	778	5	447	707	0	0	778	5	447	707	0																						
6:30 - 7:00	130	257	12	4	1.82	5.56	15	418	748	2	1	37	21	806	13	434	841	0	0	806	13	434	841	0																						
7:00 - 7:30	120	157	10	2	1.72	5.17	5	294	501	2	1	53	21	575	2	299	1,308	0	0	575	2	299	1,308	0																						
7:30 - 8:00	11	453	11	0	2.01	3.36	9	484	963	2	1	44	21	1,028	0	487	1,874	0	0	1,028	0	487	1,874	0																						
8:00 - 8:30	5	445	18	0	2.04	3.33	4	472	959	4	0	84	0	1,043	1	477	1,537	0	0	1,043	1	477	1,537	0																						
8:30 - 9:00	91	201	4	1	1.74	5.00	11	308	529	3	0	51	0	580	1	312	895	0	0	580	1	312	895	0																						
9:00 - 9:30	344	88	3	4	1.32	8.43	4	443	583	1	0	6	0	589	4	448	324	0	0	589	4	448	324	0																						
9:30 - 10:00	331	58	1	0	1.15	3.00	4	394	454	0	0	0	0	454	2	396	190	0	0	454	2	396	190	0																						
Vehicles																								4,202	17	5	303	105	7,107	35	4,259	0														
Persons																								6,699																						

HOV

	5 Hour (6:00 AM - 9:00 AM)		Peak Hour (7:30 AM - 8:30 AM)	
	7,107	4,810	2,071	3,411
Highway Passengers	8,071	7,162	3,411	1,922
Rail Passengers	6,699	4,435	1,922	956
Auto and Motorcycle Passengers	4,202	2,415	956	2.01
Autos and Motorcycles	1.59	1.84		
Average Auto Occupancy (Includes Motorcycles)				

I-270 D
 I-270 South between MD 118 and Middlebrook Road
 Facility Total
 No HOV restrictions at this location
 Spring, 2004

Time	1			2			3+			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motor- cycles (MC)	Total Autos + MC			Passengers +MC			Total Vehicles	Rail Metro Comm.
	Autos	Autos	Autos	Autos	Autos	Autos	Autos	Autos	Autos					Autos	Autos	Autos	Autos	Autos	Autos		
5:00 - 5:30	2,087	16	0	5	1.03	12.00	2	2,110	2,181	0	1	0	21	2,202	127	2,238	0	0			
5:30 - 6:00	3,444	226	23	22	1.14	7.62	12	3,727	4,251	0	4	0	84	4,335	142	3,873	0	255			
6:00 - 6:30	3,456	354	34	19	1.17	6.45	10	3,873	4,516	2	4	62	84	4,662	145	4,024	0	180			
6:30 - 7:00	4,066	486	21	2	1.12	4.13	9	4,584	5,142	2	5	62	105	5,309	118	4,709	0	615			
7:00 - 7:30	3,789	576	35	6	1.17	4.68	6	4,412	5,139	2	4	62	84	5,285	91	4,509	0	180			
7:30 - 8:00	4,183	340	18	2	1.09	4.20	11	4,554	4,958	2	4	62	84	5,104	120	4,680	0	371			
8:00 - 8:30	4,284	436	24	2	1.11	3.85	7	4,753	5,263	2	6	62	126	5,451	135	4,896	0	168			
8:30 - 9:00	3,938	340	17	1	1.09	3.78	9	4,305	4,695	1	5	13	105	4,813	128	4,439	0	0			
9:00 - 9:30	3,392	413	31	3	1.14	4.18	6	3,845	4,366	0	7	0	147	4,513	137	3,989	0	0			
9:30 - 10:00	2,788	276	26	4	1.12	4.67	6	3,100	3,486	0	7	0	147	3,633	140	3,247	0	0			
Vehicles	35,427	3,463	229	66				39,263	43,997	11	47		323	987	1,283	40,604	0	1,769			
Persons	35,427	6,926	774	792										45,307							

	5 Hour	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	45,307	10,594
Rail Passengers	1,769	795
Auto and Motorcycle Passengers	43,997	10,281
Autos and Motorcycles	39,263	8,996
Average Auto Occupancy (Includes Motorcycles)	1.12	1.14

I-270 E
 I-270 South between MD 109 and MD 121
 Facility Total
 No HOV restrictions at this location
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motor-cycles (MC)	Total Autos + MC		Buses		Bus Passengers		Passengers + MC		Total Vehicles		Rail		
	1	2	3+	1	2	3+	Transit	Other	Trans					Other	Riders	Other	Trans	Other	Trucks	Metro	Comm.					
5:00 - 5:30	994	9	0	1	1.02	12.00	16	1,020	1,040	0	0	0	0	0	0	0	0	0	1,040	142	1,162	0	0	0	0	
5:30 - 6:00	1,332	169	2	7	1.17	10.11	1	1,511	1,762	0	1	0	0	18	1,780	91	1,603	0	1,780	91	1,603	0	0	0	0	0
6:00 - 6:30	1,080	186	9	0	1.16	3.22	3	1,278	1,484	0	1	0	0	18	1,502	84	1,363	0	1,502	84	1,363	0	0	0	0	0
6:30 - 7:00	1,372	267	24	3	1.22	4.48	10	1,676	2,037	0	1	0	0	18	2,055	114	1,791	0	2,055	114	1,791	0	0	0	0	0
7:00 - 7:30	1,362	286	26	3	1.22	4.14	10	1,687	2,064	0	1	0	0	18	2,082	92	1,780	0	2,082	92	1,780	0	0	0	0	0
7:30 - 8:00	1,309	253	22	1	1.20	3.83	5	1,590	1,908	0	1	0	0	18	1,926	96	1,687	0	1,926	96	1,687	0	0	0	0	0
8:00 - 8:30	1,324	260	9	0	1.18	3.44	3	1,596	1,878	0	2	0	0	36	1,914	92	1,690	0	1,914	92	1,690	0	0	0	0	0
8:30 - 9:00	1,210	246	2	1	1.18	6.00	6	1,465	1,726	0	2	0	0	36	1,762	123	1,590	0	1,762	123	1,590	0	0	0	0	0
9:00 - 9:30	1,348	269	41	1	1.22	3.45	5	1,664	2,036	0	2	0	0	36	2,072	154	1,820	0	2,072	154	1,820	0	0	0	0	0
9:30 - 10:00	1,069	210	22	1	1.21	3.78	7	1,309	1,583	0	2	0	0	36	1,619	118	1,429	0	1,619	118	1,429	0	0	0	0	0
Vehicles	12,400	2,155	157	18				14,796	17,518	0	13	0	0	234	17,752	1,106	15,915	0	17,752	1,106	15,915	0	0	0	0	0
Persons	12,400	4,310	526	216																						

Peak Hour
 (6:30 AM - 7:30 AM)

	5 Hour	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	17,752	4,137
Rail Passengers	0	0
Auto and Motorcycle Passengers	17,518	4,101
Autos and Motorcycles	14,796	3,363
Average Auto Occupancy (Includes Motorcycles)	1.18	1.22

I-270 F
 I-270 Spur South between the "Split" and Democracy Blvd
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Bus Passengers + Riders		Trucks + Metro Comm.		Total Vehicles			
	1	2	1	2	1	2					Transit	Other	Trans	Other	Bus Pass	Trucks	Metro	Comm.				
5:00 - 5:30	902	0	1	1	1.01	6.00	0	904	914	0	0	0	0	0	0	0	0	914	35	939	0	0
5:30 - 6:00	1,447	113	14	8	1.14	6.27	6	1,588	1,817	6	0	0	0	0	0	0	0	1,817	92	1,680	0	0
6:00 - 6:30	1,776	528	4	12	1.29	10.25	2	2,322	2,998	2	0	0	0	0	0	0	0	2,998	106	2,428	0	0
6:30 - 7:00	1,713	551	4	4	1.27	7.63	5	2,277	2,881	5	0	0	0	0	0	0	0	2,881	81	2,358	0	0
7:00 - 7:30	2,047	160	6	0	1.08	3.17	2	2,215	2,388	2	0	0	0	0	0	0	0	2,388	83	2,298	0	0
7:30 - 8:00	1,614	79	8	2	1.07	5.00	3	1,706	1,825	3	0	0	0	0	0	0	0	1,825	98	1,804	0	0
8:00 - 8:30	2,046	379	29	0	1.18	3.03	1	2,455	2,893	1	0	0	0	0	0	0	0	2,893	83	2,538	0	0
8:30 - 9:00	2,025	217	3	0	1.10	3.67	2	2,247	2,472	2	0	0	0	0	0	0	0	2,472	115	2,362	0	0
9:00 - 9:30	1,700	70	4	1	1.05	4.80	0	1,775	1,864	0	0	1	0	0	0	0	0	1,864	88	1,864	0	0
9:30 - 10:00	1,894	112	4	3	1.08	7.00	0	2,013	2,167	0	0	1	0	0	0	0	0	2,167	135	2,149	0	0
Vehicles	17,164	2,209	77	31				19,502	22,219			2	0	42	0	0	0	22,261	916	20,420	0	0
Persons	17,164	4,418	244	372																		

HOV	Period	Peak Hour	
		5 Hour (6:00 AM - 9:00 AM)	(6:00 AM - 7:00 AM)
Highway Passengers	22,261	15,457	5,879
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	22,219	15,457	5,879
Auto and Motorcycles	19,502	13,222	4,599
Average Auto Occupancy (Includes Motorcycles)	1.14	1.17	1.28

I-270 F
 I-270 Spur South between the "Split" and Democracy Blvd
 HOV Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	Autos			3+ Autos	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motor-cycles (MC)	Total Autos Persons			Buses Transit Other	Bus Passengers Trans	Other + Bus Pass. Riders + MC	Total Vehicles	Rail Metro Comm.		
	1	2	3+						Total Auto Riders	+ MC	+ MC							
5:00 - 5:30	276	0	1	1	1	1.04	6.00	0	278	288	0	0	0	0	288	0	0	
5:30 - 6:00	457	99	13	5	5	1.31	5.50	3	577	757	0	0	0	0	757	0	0	
6:00 - 6:30	96	442	1	6	1	1.94	10.71	0	545	1,055	0	0	0	0	1,055	2	547	
6:30 - 7:00	128	412	1	2	1	1.80	9.00	3	546	982	0	0	0	0	982	2	548	
7:00 - 7:30	382	103	0	0	0	1.21	0.00	1	486	589	0	0	0	0	589	0	486	
7:30 - 8:00	362	3	0	2	2	1.07	12.00	1	368	393	0	0	0	0	393	0	368	
8:00 - 8:30	305	303	16	0	0	1.54	3.00	1	625	960	0	0	0	0	960	3	628	
8:30 - 9:00	316	167	1	0	0	1.35	4.00	2	486	656	0	0	0	0	656	5	491	
9:00 - 9:30	392	11	0	0	0	1.03	0.00	0	403	414	0	0	0	0	414	1	404	
9:30 - 10:00	523	26	2	0	0	1.05	3.00	0	551	581	0	0	0	0	581	5	556	
Vehicles	3,237			1,566	35	16			4,865			6,675	0	0	18	4,883	0	0
Persons	3,237			3,132	103	192			6,675			6,675	0	0	0	6,675	0	0

	HOV		Peak Hour
	5 Hour (6:00 AM - 9:00 AM)	(6:00 AM - 7:00 AM)	
Highway Passengers	6,675	4,635	2,037
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	6,675	4,635	2,037
Autos and Motorcycles	4,865	3,056	1,091
Average Auto Occupancy (Includes Motorcycles)	1.37	1.52	1.87

I-270 A and I-270 F - Max Load Point
 I-270 South between Montrose Road and "Split"
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Vans	3+ Autos	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC			Total Persons + MC			Buses			Bus Passengers			Passengers + MC			Total Vehicles			Rail		
	1	2	3	1	2	3	1	2	3						Transit	Other	Trans	Other	Trans	Other	Other	Trans	Other	Other	Trans	Other	Other	Trans	Other	Other	Trans	Other	Other	Trans	Other
5:00 - 5:30	1,161	30	1	3	1.05	9.00	0	1,195	1,257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,257	51	1,246	0	0	0		
5:30 - 6:00	2,654	271	23	8	1.14	5.45	11	2,967	3,376	1	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,383	154	3,122	0	0	0		
6:00 - 6:30	3,471	873	26	20	1.26	7.17	12	4,402	5,559	2	1	36	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5,616	174	4,579	0	0	0		
6:30 - 7:00	3,811	1,021	44	10	1.25	4.85	16	4,902	6,131	2	2	30	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6,203	200	5,106	0	0	0		
7:00 - 7:30	4,219	641	36	3	1.15	3.85	7	4,906	5,658	2	2	34	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5,734	208	5,118	0	0	0		
7:30 - 8:00	3,760	655	34	4	1.17	4.13	16	4,489	5,243	2	1	33	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5,297	173	4,645	0	0	0		
8:00 - 8:30	4,220	903	51	2	1.20	3.42	12	5,188	6,219	1	3	14	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6,296	154	5,346	0	0	0		
8:30 - 9:00	4,222	731	39	3	1.17	3.83	13	5,008	5,858	1	1	40	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5,919	214	5,224	0	0	0		
9:00 - 9:30	3,741	365	33	2	1.11	3.77	4	4,145	4,607	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,628	195	4,341	0	0	0		
9:30 - 10:00	3,718	395	24	3	1.12	4.30	3	4,143	4,627	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,669	253	4,398	0	0	0		
Vehicles	34,977	5,885	311	58				41,325	48,535	11	13	194	273	49,002	1,776	43,125	0	0																	
Persons	34,977	11,770	998	696																															

HOV	Period	Peak Hour	
		8:00 AM - 9:00 AM	9:00 AM - 10:00 AM
5 Hour	(6:00 AM - 9:00 AM)	49,002	35,065
Highway Passengers		0	12,215
Rail Passengers		0	0
Auto and Motorcycle Passengers		48,535	34,668
Autos and Motorcycles		41,325	28,875
Average Auto Occupancy (Includes Motorcycles)		1.17	1.20

I-270 A and I-270 F - Max Load Point
 I-270 South between Montrose Road and "Split"
 HOV Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Autos + MC		Buses		Bus Passengers		Total Vehicles		Rail Comm.	
	1	2	3+	1	2	3+	1	2	3+					Riders	Transit	Other	Trans	Other	+ Bus Pass	Riders + MC	Trucks	Vehicles	Metro
5:00 - 5:30	359	15	1	3	1.12	9.00	0	378	425	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 - 6:00	804	170	18	5	1.27	5.13	6	1,003	1,268	1	0	7	0	0	0	0	0	0	0	0	0	0	0
6:00 - 6:30	212	666	16	13	1.93	7.07	7	914	1,756	2	1	36	21	1,813	2	919	0	0	0	0	0	0	0
6:30 - 7:00	230	711	24	8	1.87	5.31	10	983	1,832	2	2	30	42	1,904	8	995	0	0	0	0	0	0	0
7:00 - 7:30	504	415	17	2	1.50	3.95	5	943	1,414	2	2	34	42	1,490	3	950	0	0	0	0	0	0	0
7:30 - 8:00	405	418	13	3	1.57	4.75	7	846	1,324	2	1	33	21	1,378	2	851	0	0	0	0	0	0	0
8:00 - 8:30	365	664	23	1	1.68	3.38	5	1,058	1,779	1	3	14	63	1,856	6	1,068	0	0	0	0	0	0	0
8:30 - 9:00	438	432	19	0	1.53	3.05	9	898	1,369	1	1	40	21	1,430	7	907	0	0	0	0	0	0	0
9:00 - 9:30	829	109	4	0	1.12	3.00	2	944	1,061	0	0	0	0	1,061	4	948	0	0	0	0	0	0	0
9:30 - 10:00	999	120	3	0	1.11	3.00	1	1,123	1,249	0	1	0	21	1,270	8	1,132	0	0	0	0	0	0	0
Vehicles	5,145	3,720	138	35				9,090	13,477	11	11	194	231	13,902	45	9,157	0	0	0	0	0	0	0
Persons	5,145	7,440	420	420																			

	5 Hour	HOV Period		Peak Hour
		(6:00 AM - 9:00 AM)	(8:00 AM - 9:00 AM)	
Highway Passengers	13,902	9,871	3,286	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	13,477	9,474	3,148	
Autos and Motorcycles	9,090	5,642	1,956	
Average Auto Occupancy (includes Motorcycles)	1.48	1.68	1.61	

I-270 A and I-270 F - Max Load Point
 I-270 South between Montrose Road and "Split"
 Conventional Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2004

Time	1			2			3+			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC	Passengers +MC									
	Autos	Autos	Autos	Autos	Autos	Autos	Autos	Autos	Other							Trans	Other	Bus Passengers	Trucks	Total Vehicles	Metro	Rail Comm.			
5:00 - 5:30	802	15	0	0	0	0	1.02	0.00	0	817	832	0	0	0	0	0	0	0	0	0	832	49	866	0	0
5:30 - 6:00	1,850	101	5	3	3	1.07	6.38	5	1,964	2,108	2,108	0	0	0	0	0	0	0	0	0	2,108	151	2,115	0	0
6:00 - 6:30	3,259	207	10	7	7	1.09	7.35	5	3,488	3,803	3,803	0	0	0	0	0	0	0	0	0	3,803	172	3,660	0	0
6:30 - 7:00	3,581	310	20	2	2	1.10	4.18	6	3,919	4,299	4,299	0	0	0	0	0	0	0	0	0	4,299	192	4,111	0	0
7:00 - 7:30	3,715	226	19	1	1	1.07	3.75	2	3,963	4,244	4,244	0	0	0	0	0	0	0	0	0	4,244	205	4,168	0	0
7:30 - 8:00	3,355	237	21	1	1	1.08	3.68	9	3,623	3,919	3,919	0	0	0	0	0	0	0	0	0	3,919	171	3,794	0	0
8:00 - 8:30	3,855	239	28	1	1	1.08	3.45	7	4,130	4,440	4,440	0	0	0	0	0	0	0	0	0	4,440	148	4,278	0	0
8:30 - 9:00	3,784	299	20	3	3	1.09	4.48	4	4,110	4,489	4,489	0	0	0	0	0	0	0	0	0	4,489	207	4,317	0	0
9:00 - 9:30	2,912	256	29	2	2	1.11	3.87	2	3,201	3,546	3,546	0	0	0	0	0	0	0	0	0	3,567	191	3,393	0	0
9:30 - 10:00	2,719	275	21	3	3	1.12	4.46	2	3,020	3,378	3,378	0	0	0	0	0	0	0	0	0	3,399	245	3,266	0	0
Vehicles	29,832	2,165	173	23	23				32,235												1,731	33,968	0	0	0
Persons	29,832	4,330	578	276	276				35,058												42	35,100	0	0	0

	5 Hour	HOV		Peak Hour (8:00 AM - 9:00 AM)
		Period (6:00 AM - 9:00 AM)	Period (8:00 AM - 9:00 AM)	
Highway Passengers	35,100	25,194	8,929	8,929
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	35,058	25,194	8,929	8,929
Autos and Motorcycles	32,235	23,233	8,240	8,240
Average Auto Occupancy (Includes Motorcycles)	1.09	1.08	1.08	1.08

Va 267 A
 Va 267 E between Va 7 and Spring Hill Road (at main toll plaza)
 Facility Total
 No HOV restrictions at this location
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motor-cycles (MC)	Total Autos + MC			Total Passengers + MC			Trucks	Total Vehicles	Rail Comm.	
	1	2	3+	1	2	3+	1	2	3+					Van-pools + MC	Autos + MC	Riders	Transit	Other	Buses			Trans	Other
5:00 - 5:30	500	65	9	3	1.21	5.67	4	581	702	5	0	24	0	726	20	606	0	0					
5:30 - 6:00	1,399	141	14	4	1.14	5.06	16	1,574	1,788	6	0	40	0	1,828	28	1,608	0	0					
6:00 - 6:30	2,265	266	41	9	1.18	4.92	12	2,593	3,055	15	2	236	80	3,371	49	2,659	0	0					
6:30 - 7:00	2,952	420	57	8	1.19	4.38	12	3,449	4,089	19	1	303	40	4,432	61	3,530	0	0					
7:00 - 7:30	3,227	470	59	2	1.17	3.87	23	3,781	4,426	23	3	424	120	4,970	72	3,879	0	0					
7:30 - 8:00	3,203	571	91	2	1.21	3.49	9	3,876	4,679	20	3	425	120	5,224	68	3,967	0	0					
8:00 - 8:30	3,026	410	43	1	1.15	3.36	19	3,499	4,013	22	1	399	40	4,452	85	3,607	0	0					
8:30 - 9:00	2,507	402	42	0	1.17	3.36	20	2,971	3,472	20	2	199	80	3,751	74	3,067	0	0					
9:00 - 9:30	3,006	274	41	1	1.11	3.48	6	3,328	3,706	17	2	128	80	3,914	82	3,429	0	0					
9:30 - 10:00	2,103	234	42	1	1.15	3.63	8	2,388	2,735	5	0	36	0	2,771	70	2,463	0	0					
Vehicles	24,188	3,253	439	31				28,040	32,665	152	14	2,214	560	35,439	609	28,815	0	0					
Persons	24,188	6,506	1,470	372																			

	5 Hour	Peak Hour	
		(7:00 AM - 8:00 AM)	(8:00 AM - 9:00 AM)
Highway Passengers	35,439	10,194	0
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	32,665	20,679	9,105
Autos and Motorcycles	28,040	17,576	7,667
Average Auto Occupancy (Includes Motorcycles)	1.16	1.18	1.19

Va 267 B
 Va 267 East between Hunter Mill Road and Trap Road (Inbound)
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Auto Persons + MC			Total Auto Passengers + MC			Total Rail Metro Comm.
	1	2	3+	1	2	3+	1	2	3+				Van-pools	Riders	+ MC	Trans	Other	Trucks	
5:00 - 5:30	309	0	0	6	1.21	12.00	0	315	381	5	0	165	0	546	0	320	0	0	
5:30 - 6:00	838	17	10	6	1.12	6.38	18	889	992	9	1	258	0	1,250	12	911	0	0	
6:00 - 6:30	2,003	145	12	8	1.12	6.75	4	2,172	2,432	12	1	378	40	2,850	34	2,219	0	0	
6:30 - 7:00	2,865	442	48	9	1.19	4.46	8	3,372	4,011	15	4	518	80	4,609	32	3,423	0	0	
7:00 - 7:30	3,016	587	70	1	1.21	3.37	18	3,692	4,447	14	2	437	80	4,964	44	3,752	0	0	
7:30 - 8:00	1,852	439	60	1	1.25	3.41	8	2,360	2,946	14	5	496	120	3,562	44	2,423	0	0	
8:00 - 8:30	1,916	366	49	0	1.21	3.31	6	2,337	2,816	12	4	378	40	3,234	59	2,412	0	0	
8:30 - 9:00	2,133	430	31	1	1.20	3.66	10	2,605	3,120	12	0	427	0	3,547	68	2,685	0	0	
9:00 - 9:30	3,049	206	21	2	1.08	3.91	8	3,286	3,559	7	9	178	200	3,937	83	3,385	0	0	
9:30 - 10:00	2,806	218	12	1	1.08	4.00	3	3,040	3,297	4	15	79	0	3,376	106	3,165	0	0	
Vehicles	20,787	2,850	313	35			83	24,068	28,001	104	41	3,312	560	31,873	482	24,695	0	0	
Persons	20,787	5,700	1,011	420															

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	31,873	19,915	9,572
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	28,001	17,340	8,458
Autos and Motorcycles	24,068	14,366	7,064
Average Auto Occupancy (Includes Motorcycles)	1.16	1.21	1.20

Va 267 B
 Va 267 East between Hunter Mill Road and Trap Road (inbound)
 HOV Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Van-pools	Motor-cycles (MC)	Total Autos + MC			Total Auto Passengers + MC Riders			Trucks	Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	1	2	3+					Van-pools	+ MC Riders	+ MC	Transit	Other	Bus			
5:00 - 5:30	294	0	0	6	1.22	12.00	0	300	366	5	0	165	0	531	0	305	0	0	0	0	0	0
5:30 - 6:00	313	2	0	2	1.08	12.00	4	321	345	9	0	258	0	603	1	331	0	0	0	0	0	0
6:00 - 6:30	740	58	5	3	1.13	6.75	2	808	912	12	1	378	40	1,330	2	823	0	0	0	0	0	0
6:30 - 7:00	267	299	38	9	1.77	4.74	7	620	1,095	15	2	518	80	1,693	4	641	0	0	0	0	0	0
7:00 - 7:30	150	385	56	1	1.89	3.44	13	605	1,129	14	2	437	80	1,646	21	642	0	0	0	0	0	0
7:30 - 8:00	163	336	53	0	1.83	3.28	6	558	1,015	14	3	496	120	1,631	23	598	0	0	0	0	0	0
8:00 - 8:30	132	298	38	0	1.82	3.29	5	473	858	12	1	378	40	1,276	23	509	0	0	0	0	0	0
8:30 - 9:00	188	363	28	1	1.76	3.69	10	590	1,031	12	0	427	0	1,458	48	650	0	0	0	0	0	0
9:00 - 9:30	783	98	13	0	1.14	3.08	4	898	1,023	7	5	178	200	1,401	18	928	0	0	0	0	0	0
9:30 - 10:00	770	92	5	0	1.12	3.40	1	868	972	4	0	79	0	1,051	11	883	0	0	0	0	0	0
Vehicles	3,800	1,931	236	22			52	6,041	8,746	104	14	3,312	560	12,618	151	6,310	0	0	0	0	0	0
Persons	3,800	3,862	768	264																		

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	12,618	7,703	3,338
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	8,746	5,128	2,224
Autos and Motorcycles	6,041	2,846	1,225
Average Auto Occupancy (Includes Motorcycles)	1.45	1.80	1.82

Va 267 C
Va 267 East of Rt. 7100 (inbound)

Facility Total
HOV Restriction Period: 6:30 AM - 9:00 AM
Spring, 2004

Time	1			2			3+			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Buses			Bus Passengers			Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.
	Autos	Autos	Autos	Autos	Autos	Autos	Transit	Other	Other				Trans	Other	Riders	Riders	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks			
5:00 - 5:30	267	3	0	0	0	0	0.00	0	0	0	0	0	270	273	1	0	23	0	296	11	282	0	0		
5:30 - 6:00	1,338	50	6	10	1.13	9.00	5	1,409	1,587	0	2	60	1,647	1,647	0	2	0	60	1,647	23	1,434	0	0		
6:00 - 6:30	2,332	159	13	9	1.11	6.86	4	2,517	2,805	0	4	120	2,925	2,925	0	4	0	120	2,925	57	2,578	0	0		
6:30 - 7:00	3,050	277	8	6	1.11	6.93	11	3,352	3,712	0	21	630	4,342	4,342	0	21	0	630	4,342	49	3,422	0	0		
7:00 - 7:30	2,899	443	14	4	1.15	5.06	20	3,380	3,896	0	18	540	4,436	4,436	0	18	0	540	4,436	88	3,486	0	0		
7:30 - 8:00	1,973	405	14	1	1.19	3.87	10	2,403	2,851	0	14	420	3,271	3,271	0	14	0	420	3,271	86	2,503	0	0		
8:00 - 8:30	2,219	291	17	1	1.14	3.83	8	2,536	2,878	0	8	240	3,118	3,118	0	8	0	240	3,118	65	2,609	0	0		
8:30 - 9:00	2,390	139	11	0	1.06	3.27	7	2,547	2,711	0	12	360	3,071	3,071	0	12	0	360	3,071	47	2,606	0	0		
9:00 - 9:30	2,443	108	6	2	1.06	5.25	5	2,564	2,706	0	5	150	2,856	2,856	0	5	0	150	2,856	85	2,654	0	0		
9:30 - 10:00	2,012	140	14	0	1.08	3.29	1	2,167	2,339	0	10	300	2,639	2,639	0	10	0	300	2,639	43	2,220	0	0		
Vehicles	20,923	2,015	103	33			71	23,145	25,758		94	28,601	28,601	28,601		23	2,820	28,601	554	23,794	0	0			
Persons	20,923	4,030	338	396																					

HOV Restricted

	5 Hour	HOV Restricted Period		Peak Hour
		(6:30 AM - 9:00 AM)	(6:30 AM - 7:30 AM)	
Highway Passengers	28,601	18,238	8,778	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	25,758	16,048	7,608	
Autos and Motorcycles	23,145	14,218	6,732	
Average Auto Occupancy (Includes Motorcycles)	1.11	1.13	1.13	

Va 267 C

Va 267 East of Rt. 7100 (inbound)

HOV Total

HOV Restriction Period: 6:30 AM - 9:00 AM
Spring, 2004

Time	Autos			3+ Autos	Van-pools	Avg. Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Buses			Bus Passengers			Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.	
	1 Autos	2 Autos	Autos					Van-pools	Transit	Other	Trans	Other	Riders	+ Bus Pass.	Trucks	Vehicles	Metro	Comm.			
5:00 - 5:30	48	2	0	0	0	1.04	0.00	0	50	0	0	0	0	0	0	52	0	50	0	0	
5:30 - 6:00	166	14	1	3	3	1.27	9.75	2	186	0	1	0	0	0	235	0	187	0	0	0	
6:00 - 6:30	450	73	2	4	4	1.23	9.00	1	530	0	3	0	0	0	651	3	536	0	0	0	
6:30 - 7:00	124	163	3	5	5	1.76	8.75	4	299	0	6	0	0	0	524	4	309	0	0	0	
7:00 - 7:30	54	321	5	4	4	1.98	7.11	14	398	0	12	0	0	0	774	29	439	0	0	0	
7:30 - 8:00	74	240	8	0	0	1.81	3.50	7	329	0	8	0	0	0	589	23	360	0	0	0	
8:00 - 8:30	101	229	12	0	0	1.76	3.50	6	348	0	7	0	0	0	607	34	389	0	0	0	
8:30 - 9:00	215	105	8	0	0	1.38	3.25	6	334	0	11	0	0	0	457	18	363	0	0	0	
9:00 - 9:30	430	50	2	1	1	1.13	6.00	4	487	0	3	0	0	0	552	16	506	0	0	0	
9:30 - 10:00	245	18	2	0	0	1.09	3.50	0	265	0	0	0	0	0	288	4	269	0	0	0	
Vehicles	1,907	1,215	43	17	44	3,226	4,729	51	131	3,408	0	0	0	0	4,729	0	0	0	0	0	
Persons	1,907	2,430	144	204	44	3,226	4,729	51	131	3,408	0	0	0	0	4,729	0	0	0	0	0	

HOV Restricted

5 Hour	Period		Peak Hour
	6:30 AM - 9:00 AM	7:30 AM - 9:00 AM	
Highway Passengers	4,729	2,951	1,298
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	4,729	2,951	1,298
Autos and Motorcycles	3,226	1,708	697
Average Auto Occupancy (Includes Motorcycles)	1.47	1.73	1.86

Va 267 C
 Va 267 East of Rt. 7100 (Inbound)
 Conventional Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Auto Passengers + MC			Total Vehicles			
	1	2	1	2	1	2						Transit	Other	Trans	Other	+ Bus Pass.	Riders	Trucks	Vehicles	Metro	Rail	Comm.		
5:00 - 5:30	219	1	0	0	0	1.00	0	0	220	221	0	23	0	244	11	232	0	0	0	0	0	0	0	
5:30 - 6:00	1,172	36	5	7	1.11	8.75	3	1,223	1,352	1,389	0	1	0	37	23	1,247	0	0	0	0	0	0	0	
6:00 - 6:30	1,882	86	11	5	1.08	6.06	3	1,987	2,154	2,249	2	1	58	37	54	2,044	0	0	0	0	0	0	0	
6:30 - 7:00	2,926	114	5	1	1.04	4.50	7	3,053	3,188	3,769	1	15	26	555	45	3,114	0	0	0	0	0	0	0	
7:00 - 7:30	2,845	122	9	0	1.05	3.00	6	2,982	3,122	3,402	2	6	58	222	59	3,049	0	0	0	0	0	0	0	
7:30 - 8:00	1,899	165	6	1	1.09	4.29	3	2,074	2,262	2,516	1	6	32	222	63	2,144	0	0	0	0	0	0	0	
8:00 - 8:30	2,118	62	5	1	1.04	4.50	2	2,188	2,271	2,340	1	1	32	37	31	2,221	0	0	0	0	0	0	0	
8:30 - 9:00	2,175	34	3	0	1.02	3.33	1	2,213	2,254	2,291	0	1	0	37	29	2,243	0	0	0	0	0	0	0	
9:00 - 9:30	2,013	58	4	1	1.04	4.80	1	2,077	2,154	2,228	0	2	0	74	69	2,148	0	0	0	0	0	0	0	
9:30 - 10:00	1,767	122	12	0	1.08	3.25	1	1,902	2,051	2,421	0	10	0	370	39	1,951	0	0	0	0	0	0	0	
Vehicles	19,016	800	60	16				19,919	21,029	22,849	8	43	229	1,591	423	20,393	0	0	0	0	0	0	0	0
Persons	19,016	1,600	194	192																				

HOV Restricted

	5 Hour	Period		Peak Hour
		(6:30 AM - 9:00 AM)	(6:30 AM - 7:30 AM)	
Highway Passengers	22,849	14,318	7,171	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	21,029	13,097	6,310	
Autos and Motorcycles	19,919	12,510	6,035	
Average Auto Occ. (Includes Motorcycles)	1.06	1.05	1.05	

Va 267 D
 Va 267 (Dulles Toll Road) Eastbound entering from Va 28 and Greenway (inbound)

Facility Total
 No HOV restrictions at this facility
 Spring, 2004

Time	Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motor- cycles (MC)	Total Autos		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles	Rail Metro Comm.	
	1	2	3+					Van-pools + MC	Riders + MC	Transit	Other	Trans	Other	Riders + Bus Pass.	Trucks			
5:00 - 5:30	86	12	0	2	1.34	12.00	0	100	134	0	0	0	0	134	2	102	0	0
5:30 - 6:00	725	89	19	8	1.26	5.74	0	841	1,058	0	2	0	60	1,118	35	878	0	0
6:00 - 6:30	1,795	82	3	8	1.09	9.55	1	1,889	2,055	0	3	0	90	2,155	68	1,960	0	0
6:30 - 7:00	2,144	169	6	4	1.10	6.70	2	2,325	2,551	0	3	0	90	2,641	63	2,391	0	0
7:00 - 7:30	2,435	228	11	2	1.10	4.46	2	2,678	2,951	0	8	0	240	3,191	109	2,795	0	0
7:30 - 8:00	2,109	376	21	2	1.18	4.35	0	2,508	2,961	0	2	0	60	3,021	143	2,653	0	0
8:00 - 8:30	2,260	233	27	3	1.13	4.43	1	2,524	2,860	0	12	0	360	3,220	58	2,594	0	0
8:30 - 9:00	2,725	210	10	2	1.09	4.67	3	2,950	3,204	0	3	0	90	3,294	65	3,018	0	0
9:00 - 9:30	2,363	168	15	1	1.08	3.69	1	2,548	2,759	0	14	0	420	3,179	116	2,678	0	0
9:30 - 10:00	1,684	121	15	0	1.08	3.13	2	1,822	1,975	0	4	0	120	2,095	68	1,894	0	0
Vehicles	18,326	1,688	127	32			12	20,185	22,518	0	51	0	1,530	24,048	727	20,963	0	0
Persons	18,326	3,376	420	384														

Peak Hour
 (8:30 AM -
 9:30 AM)

Highway Passengers	24,048
Rail Passengers	0
Auto and Motorcycle Passengers	22,518
Autos and Motorcycles	20,185
Average Auto Occupancy (Includes Motorcycles)	1.12

6,473
 0
 5,963
 5,498
 1.08

US 50-A
 US 50 Westbound between MD 410 and New Carrollton
 Facility Total
 247 HOV-2 east of this location
 Spring, 2004

Time	Autos				Vans	3+ Autos	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Auto + MC		Buses		Bus Passengers		Passengers + MC		Total Vehicles		Rail	
	1	2	3+	Avg Auto Occ.						Total Auto + MC	Transit	Other	Trans	Other	Riders + Bus Pass	Other	Trucks	Other	Metro	Comm.	
5:00 - 5:30	870	23	0	5	1.09	12.00	4	902	977	0	0	0	0	0	977	78	980	0	0	0	0
5:30 - 6:00	1,694	87	6	4	1.08	7.00	8	1,799	1,942	0	1	0	21	1,963	126	1,926	769	0	0	0	0
6:00 - 6:30	1,949	252	4	3	1.13	7.57	12	2,220	2,511	0	1	0	21	2,532	122	2,343	765	537	0	0	0
6:30 - 7:00	2,185	121	3	7	1.09	9.30	5	2,321	2,521	0	1	0	21	2,542	102	2,424	1,415	429	0	0	0
7:00 - 7:30	2,041	116	2	1	1.06	6.00	5	2,165	2,295	0	1	0	21	2,316	126	2,292	1,400	248	0	0	0
7:30 - 8:00	2,135	137	14	4	1.10	5.56	2	2,292	2,510	0	1	0	21	2,531	104	2,397	1,543	254	0	0	0
8:00 - 8:30	1,762	105	7	2	1.08	5.56	3	1,879	2,022	0	2	0	42	2,064	92	1,973	1,008	608	0	0	0
8:30 - 9:00	1,595	143	8	2	1.11	5.10	5	1,753	1,936	0	1	0	21	1,957	110	1,864	638	0	0	0	0
9:00 - 9:30	1,608	93	9	4	1.09	6.31	3	1,717	1,879	0	0	0	0	1,879	117	1,834	378	0	0	0	0
9:30 - 10:00	1,455	87	3	4	1.09	8.43	1	1,550	1,688	0	0	0	0	1,688	141	1,691	145	0	0	0	0
Vehicles	17,294	1,164	56	36				18,598	20,281	0	8	0	168	20,449	1,118	19,724	8,061	2,076			
Persons	17,294	2,328	204	432																	

	5 Hour	Peak Hour (6:00 AM - 7:00 AM)
Rail Passengers	10,137	3,146
Auto and Motorcycle Passengers	20,281	5,032
Autos and Motorcycles	18,598	4,543
Average Auto Occupancy (Includes Motorcycles)	1.09	1.11

US 50 B
 US 50 Between I-95/I-495 and MD 704
 Facility Total
 HOV lane ends just east of this location
 Spring, 2004

Time	Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC		Total Persons + MC Riders			Buses			Bus Passengers + MC			Trucks	Total Vehicles	Rail	
	1	2	3+					Transit	Other	Transit	Other	Transit	Other	Transit	Other	Transit	Other	Transit			Other	Transit
5:00 - 5:30	1,004	6	0	2	1.03	12.00	6	1,018	1,046	1	0	9	0	1,055	76	1,095	0	0				
5:30 - 6:00	2,398	129	7	5	1.08	6.75	4	2,543	2,741	1	0	6	0	2,747	147	2,691	0	0				
6:00 - 6:30	3,145	195	11	5	1.08	6.00	14	3,370	3,645	3	0	43	0	3,688	157	3,530	0	0				
6:30 - 7:00	3,503	163	6	5	1.06	7.18	8	3,685	3,916	1	1	31	0	3,947	145	3,832	0	0				
7:00 - 7:30	3,846	181	4	3	1.06	7.00	10	4,044	4,267	3	2	61	0	4,328	150	4,199	0	0				
7:30 - 8:00	3,286	137	9	2	1.05	4.64	9	3,443	3,620	3	3	54	0	3,674	154	3,603	0	0				
8:00 - 8:30	2,917	99	3	2	1.04	7.00	4	3,025	3,154	3	3	52	0	3,206	173	3,204	0	0				
8:30 - 9:00	2,530	137	7	2	1.07	5.11	1	2,677	2,851	2	3	26	0	2,877	182	2,864	0	0				
9:00 - 9:30	2,067	130	3	2	1.07	6.80	1	2,203	2,362	1	4	9	0	2,371	168	2,376	0	0				
9:30 - 10:00	1,774	65	5	2	1.06	6.29	2	1,848	1,950	1	5	6	0	1,956	202	2,056	0	0				
Vehicles	26,470	1,242	55	30				27,856	27,856	19	21	297	0	29,849	1,554	29,450	0	0				
Persons	26,470	2,484	179	360				29,552	29,552													

HOV	Period	Peak Hour	
		5 Hour (24 Hours 7 Days)	7:30 AM - 8:275
Highway Passengers	29,849	21,720	8,275
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,552	21,453	8,183
Autos and Motorcycles	27,856	20,244	7,729
Average Auto Occupancy (Includes Motorcycles)	1.06	1.06	1.06

US 50 C westbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Facility Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles	Total Auto + MC		Total Auto Persons + MC Riders		Buses		Bus Passengers		Passengers + MC Riders		Total Vehicles		Rail			
	1	2	1	2	1	2					Transit	Other	Trans	Other	+ Bus Pass	+ MC	Transit	Other	+ Bus Pass	+ MC	Trucks	Metro	Comm.			
5:00 - 5:30	903	8	2	2	1.04	7.50	2	917	951	0	0	0	0	0	0	0	0	0	0	951	83	1,000	0	0		
5:30 - 6:00	1,681	31	2	1	1.03	6.33	7	1,722	1,769	3	0	44	0	0	0	0	0	0	0	1,813	139	1,864	0	0		
6:00 - 6:30	2,091	96	2	2	1.06	7.50	3	2,194	2,316	2	0	22	0	0	0	0	0	0	0	2,338	168	2,364	0	0		
6:30 - 7:00	2,010	175	0	3	1.10	12.00	7	2,195	2,403	2	0	27	0	0	0	0	0	0	0	2,430	169	2,366	0	0		
7:00 - 7:30	2,342	254	8	3	1.12	5.64	4	2,611	2,916	3	0	42	0	0	0	0	0	0	0	2,958	148	2,762	0	0		
7:30 - 8:00	2,498	152	2	0	1.06	5.50	4	2,656	2,817	2	1	23	21	2,861	163	2,822	0	0	0	2,861	163	2,822	0	0		
8:00 - 8:30	1,520	210	5	2	1.14	6.00	2	1,739	1,984	4	2	58	42	2,084	160	1,905	0	0	0	2,084	160	1,905	0	0		
8:30 - 9:00	1,337	164	1	2	1.13	9.00	1	1,505	1,693	3	2	41	42	1,776	184	1,694	0	0	0	1,776	184	1,694	0	0		
9:00 - 9:30	1,700	61	1	0	1.04	6.00	1	1,763	1,829	1	2	6	42	1,877	155	1,921	0	0	0	1,877	155	1,921	0	0		
9:30 - 10:00	1,525	97	2	2	1.08	7.75	2	1,628	1,752	0	2	0	42	1,794	161	1,791	0	0	0	1,794	161	1,791	0	0		
Vehicles	17,607		1,248		25		17		18,930		20		9		1,530		20,489		1,530		20,489		0		0	
Persons	17,607		2,496		90		204		20,430		263		189		20,882											

DRAFT

	HOV		Peak Hour (7:00 AM - 8:00 AM)
	5 Hour (5 Hours assumed)	24 Hours	
Highway Passengers	20,882	20,882	5,819
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	20,430	20,430	5,733
Average Auto Occupancy (Includes Motorcycles)	1.08	1.08	1.09

US 50 C westbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 HOV Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto + MC Riders		Buses		Bus Passengers		Riders + Bus Pass + MC		Total Vehicles		Rail Comm.		
	1	2	1	2	1	2						Transit	Other	Trans	Other	Trans	Other	Trucks	Trucks	Metro	Comm.			
5:00 - 5:30	23	0	0	0	0	0	1.00	0.00	0	0	23	23	0	0	0	0	0	0	23	0	23	0	0	
5:30 - 6:00	163	4	0	0	0	0	1.02	0.00	4	4	171	175	3	0	44	0	219	2	176	0	0	0	0	
6:00 - 6:30	70	52	1	2	1	2	1.61	9.00	3	3	128	204	2	0	46	0	250	0	130	0	0	0	0	
6:30 - 7:00	38	156	0	3	1	3	1.96	12.00	4	4	201	390	3	0	68	0	458	2	206	0	0	0	0	
7:00 - 7:30	118	199	6	2	1	2	1.72	5.50	4	4	329	564	2	0	75	0	639	3	334	0	0	0	0	
7:30 - 8:00	103	84	0	0	1	1	1.45	0.00	4	4	191	275	2	1	71	21	367	1	195	0	0	0	0	
8:00 - 8:30	86	175	3	2	1	2	1.77	7.00	2	2	268	473	4	2	129	42	644	3	277	0	0	0	0	
8:30 - 9:00	24	138	0	2	1	2	1.98	12.00	1	1	165	325	2	2	58	42	425	0	169	0	0	0	0	
9:00 - 9:30	88	30	0	0	1	1	1.25	0.00	0	0	118	148	1	2	6	42	196	1	122	0	0	0	0	
9:30 - 10:00	29	51	1	0	0	0	1.65	3.00	1	1	82	135	0	2	0	42	177	0	84	0	0	0	0	
Vehicles	742	889	11	11							1,676	2,712	19	9	497	189	3,398	12	1,716	0	0	0	0	
Persons	742	1,778	37	132																				

	HOV		Peak Hour (7:00 AM - 8:00 AM)
	5 Hour (5 Hours assumed)	24 Hours (5 Hours assumed)	
Highway Passengers	3,398	3,398	1,006
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	2,712	2,712	839
Autos and Motorcycles	1,676	1,676	520
Average Auto Occupancy (Includes Motorcycles)	1.62	1.62	1.61

US 50 C westbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Conventional Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC		Buses		Bus Passengers		Passengers +MC		Total		Rail	
	Autos	Autos	Autos	Vans	Autos	Autos	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Transit				Other	Trans	Other	Riders	Other	Trucks	Vehicles	Metro	Comm.			
5:00 - 5:30	880	8	2	2	2	1.04	7.50	2	894	928	0	0	0	0	0	0	0	928	83	977	0	0		
5:30 - 6:00	1,518	27	2	1	1.03	6.33	3	1,551	1,594	0	0	0	0	0	0	0	0	1,594	137	1,688	0	0		
6:00 - 6:30	2,021	44	1	0	1.02	3.00	0	2,066	2,112	0	0	0	0	0	0	0	0	2,112	168	2,234	0	0		
6:30 - 7:00	1,972	19	0	0	1.01	0.00	3	1,994	2,013	0	0	0	0	0	0	0	0	2,013	167	2,161	0	0		
7:00 - 7:30	2,224	55	2	1	1.03	6.00	0	2,282	2,352	0	0	0	0	0	0	0	0	2,352	145	2,427	0	0		
7:30 - 8:00	2,395	68	2	0	1.03	5.50	0	2,465	2,542	0	0	0	0	0	0	0	0	2,542	162	2,627	0	0		
8:00 - 8:30	1,434	35	2	0	1.03	3.50	0	1,471	1,511	0	0	0	0	0	0	0	0	1,511	157	1,628	0	0		
8:30 - 9:00	1,313	26	1	0	1.02	3.00	0	1,340	1,368	0	0	0	0	0	0	0	0	1,368	184	1,524	0	0		
9:00 - 9:30	1,612	31	1	0	1.02	6.00	1	1,645	1,681	0	0	0	0	0	0	0	0	1,681	154	1,799	0	0		
9:30 - 10:00	1,496	46	1	2	1.05	9.33	1	1,546	1,617	0	0	0	0	0	0	0	0	1,617	161	1,707	0	0		
Vehicles	16,865	359	14	6				17,254											1,518	18,772	0	0		
Persons	16,865	718	53	72				17,718											17,718			0	0	

	HOV			Peak Hour (7:00 AM - 8:00 AM)
	5 Hour	24 Hours (5 Hours assumed)	Period	
Highway Passengers	17,718	17,718	4,894	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	17,718	17,718	4,894	0
Auto and Motorcycle	17,254	17,254	4,747	0
Average Auto Occupancy (Includes Motorcycles)	1.03	1.03	1.03	1.03

US 50 C eastbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Facility Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			Vans	3+ Autos		Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto Persons		Buses			Bus Passengers			Riders + Bus Pass	Total Vehicles	Rail	
	1	2	3+		Auto	MC				Transit	Other	Trans	Other	Metro	Comm.						
5:00 - 5:30	171	16	0	0	0	0	1.09	0.00	2	189	205	0	0	0	0	0	205	68	257	0	0
5:30 - 6:00	288	64	18	4	1	375	1.40	4.91	1	375	525	0	0	0	0	0	525	90	465	0	0
6:00 - 6:30	408	114	31	7	0	560	1.48	5.11	0	560	830	2	0	22	0	0	852	103	665	0	0
6:30 - 7:00	682	145	60	2	2	891	1.35	3.74	2	891	1,206	2	1	27	0	0	1,233	90	984	0	0
7:00 - 7:30	773	149	18	5	1	946	1.27	5.61	1	946	1,201	3	2	42	0	0	1,243	130	1,081	0	0
7:30 - 8:00	977	139	16	4	2	1,138	1.20	5.35	2	1,138	1,364	2	2	23	0	0	1,387	153	1,295	0	0
8:00 - 8:30	740	128	13	2	1	884	1.21	4.60	1	884	1,066	4	2	58	0	0	1,124	109	999	0	0
8:30 - 9:00	764	145	24	3	0	936	1.25	4.30	0	936	1,170	3	2	41	0	0	1,211	135	1,076	0	0
9:00 - 9:30	804	153	27	7	1	992	1.30	5.21	1	992	1,288	0	2	0	0	0	1,288	100	1,094	0	0
9:30 - 10:00	732	153	17	1	1	904	1.23	4.28	1	904	1,116	0	1	0	0	0	1,116	133	1,038	0	0
Vehicles											7,815	16	12	213	0	10,184	1,111	8,954	0	0	
Persons											6,339	2,412	789	420	9,971	0	0	0	0	0	

HOV Period	5 Hour	24 Hours (5 Hours assumed)	Peak Hour (7:00 AM - 8:00 AM)	Average Auto Occupancy (Includes Motorcycles)	
				Highway Passengers	Rail Passengers
Auto and Motorcycle Passengers	10,184	9,971	2,630	1.28	1.23
Autos and Motorcycles	9,971	7,815	2,565	1.28	1.23

US 50 C eastbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 HOV Lane Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC		Total Auto + MC Riders		Buses		Bus Passengers		Total Passengers +MC		Total Vehicles		Rail Comm.
	Autos	Autos	Autos	Vans	Autos	Autos	Autos	MC	Transit				Other	Transit	Other	Trans	Other	Riders	+ Bus Pass	Trucks	Metro				
5:00 - 5:30	19	0	0	0	1.00	0.00	0	19	0	0	0	19	0	0	0	0	0	0	0	0	19	0	19	0	0
5:30 - 6:00	0	0	1	0	4.00	4.00	0	1	4	0	0	4	0	0	0	0	0	0	0	0	4	0	4	0	0
6:00 - 6:30	1	6	1	0	2.13	4.00	0	8	17	1	0	18	3	0	0	0	0	0	0	20	0	20	0	9	0
6:30 - 7:00	4	6	4	0	2.29	4.00	2	16	34	2	0	36	7	0	0	0	0	0	0	41	0	41	0	18	0
7:00 - 7:30	7	12	0	1	2.15	12.00	0	20	43	2	0	45	19	0	0	0	0	0	0	62	0	62	0	22	0
7:30 - 8:00	9	9	1	0	1.63	4.00	0	19	31	2	0	33	29	0	0	0	0	0	0	60	0	60	0	21	0
8:00 - 8:30	5	14	1	0	1.85	4.00	1	21	38	1	0	39	4	0	0	0	0	0	0	42	0	42	0	22	0
8:30 - 9:00	4	3	3	0	2.10	3.67	0	10	21	1	0	22	15	0	0	0	0	0	0	36	0	36	0	11	0
9:00 - 9:30	8	12	3	0	1.87	3.67	0	23	43	0	0	43	0	0	0	0	0	0	0	43	0	43	0	23	0
9:30 - 10:00	5	7	2	0	1.86	3.50	0	14	26	0	0	26	0	0	0	0	0	0	0	26	0	26	0	14	0
Vehicles	62	69	16	1				151	276	9	0	160	0	0	0	0	0	0	0	353	0	353	0	160	0
Persons	62	138	61	12									77	0	0	0	0	0	0						0

	HOV		Peak Hour Period (7:00 AM - 8:00 AM)
	5 Hour (5 Hours assumed)	24 Hours (5 Hours assumed)	
Highway Passengers	353	353	122
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	276	276	74
Autos and Motorcycles	151	151	39
Average Auto Occupancy (Includes Motorcycles)	1.83	1.83	1.90

US 50 C eastbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Non-HOV Lane Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			3+ Autos	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles	Total Auto + MC	Buses			Total Auto + MC Riders			Bus Passengers			Total Vehicles			Rail Metro Comm.
	1 Autos	2 Autos	3+ Autos							Transit	Other	Other	Trans	Other	Other	Trans	Other	Other	Trans	Other	Other	
5:00 - 5:30	152	16	0	0	0	1.10	0.00	2	170	0	0	0	0	0	0	0	0	0	186	68	238	0
5:30 - 6:00	288	64	17	4	4	1.39	4.95	1	374	0	0	0	0	0	0	0	0	0	521	90	464	0
6:00 - 6:30	407	108	30	7	7	1.47	5.14	0	552	0	0	0	0	0	0	0	0	0	813	103	655	0
6:30 - 7:00	678	139	56	2	2	1.34	3.72	0	875	0	0	0	0	0	0	0	0	0	1,172	90	966	0
7:00 - 7:30	766	137	18	4	4	1.25	5.32	1	926	0	0	0	0	0	0	0	0	0	1,158	130	1,058	0
7:30 - 8:00	968	130	15	4	4	1.19	5.42	2	1,119	0	0	0	0	0	0	0	0	0	1,333	153	1,274	0
8:00 - 8:30	735	114	12	2	2	1.19	4.64	0	863	0	0	0	0	0	0	0	0	0	1,028	109	974	0
8:30 - 9:00	760	142	21	3	3	1.24	4.38	0	926	0	0	0	0	0	0	0	0	0	1,149	135	1,063	0
9:00 - 9:30	796	141	24	7	7	1.29	5.35	1	969	0	0	0	0	0	0	0	0	0	1,245	100	1,071	0
9:30 - 10:00	727	146	15	1	1	1.22	4.38	1	890	0	0	0	0	0	0	0	0	0	1,090	133	1,024	0
Vehicles	6,277	1,137	208	34	34				7,664	0	12	0	0	0	0	0	0	0	9,695	1,111	8,787	0
Persons	6,277	2,274	728	408	408				9,695										9,695			0

	HOV		
	5 Hour	24 Hours (5 Hours assumed)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	9,695	9,695	2,491
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,695	9,695	2,491
Autos and Motorcycles	7,664	7,664	2,045
Average Auto Occupancy (Includes Motorcycles)	1.27	1.27	1.22

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Facility Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC			Buses			Bus Passengers			Passengers +MC			Total Vehicles	Rail Metro	Comm.	
	1	2	3+					Total	Transit	Other	Trans	Other	Trans	Other	Riders	Bus Pass	Riders	Bus Pass					
5:00 - 5:30	967	4	0	0	1.00	0.00	1	972	976	0	0	0	0	0	0	0	0	976	78	1,050	0	0	
5:30 - 6:00	1,675	66	1	5	1.07	10.67	4	1,751	1,875	0	0	0	0	0	0	0	0	1,875	149	1,900	0	0	
6:00 - 6:30	1,834	184	10	5	1.13	6.07	4	2,037	2,297	2	0	22	0	0	0	0	0	2,319	136	2,175	0	0	
6:30 - 7:00	2,312	257	19	4	1.13	4.74	2	2,594	2,937	2	0	27	0	0	0	0	0	2,964	127	2,723	0	0	
7:00 - 7:30	2,471	291	18	3	1.13	4.43	5	2,788	3,151	3	0	42	0	0	0	0	0	3,193	102	2,893	0	0	
7:30 - 8:00	2,217	245	16	0	1.11	3.13	1	2,479	2,758	2	0	23	0	0	0	0	0	2,781	136	2,617	0	0	
8:00 - 8:30	1,859	164	7	1	1.10	4.63	1	2,032	2,225	4	1	58	0	0	0	0	0	2,283	162	2,199	0	0	
8:30 - 9:00	1,609	166	26	0	1.13	3.38	3	1,804	2,032	3	1	41	0	0	0	0	0	2,073	187	1,995	0	0	
9:00 - 9:30	1,568	198	14	6	1.17	6.05	2	1,788	2,087	4	2	58	0	0	0	0	0	2,145	157	1,951	0	0	
9:30 - 10:00	1,151	145	16	2	1.16	4.28	2	1,316	1,520	3	5	41	0	0	0	0	0	1,561	140	1,464	0	0	
Vehicles	17,663 1,720 127 26																						
Persons	17,663 3,440 418 312																						
	19,561										23 9		21,858			0			1,374 20,967			0 0	

	HOV			Peak Hour (6:30 AM - 7:30 AM)
	5 Hour	24 Hours (5 Hours assumed)	Period	
Highway Passengers	22,170	22,170	6,157	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	21,858	21,858	6,088	0
Autos and Motorcycles	19,561	19,561	5,382	0
Average Auto Occupancy (Includes Motorcycles)	1.12	1.12	1.13	0

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 HOV Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			3+ Autos	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC		Buses			Bus Passengers			Total Rail				
	1	2	3+						Total Auto + MC	Transit	Other	Trans	Other	+ Bus Pass	Riders + MC	Trucks		Vehicles	Trucks	Vehicles	Trucks
5:00 - 5:30	15	1	0	0	0	1.06	0.00	1	17	18	0	0	0	0	0	0	0	17	0	0	
5:30 - 6:00	36	26	0	3	3	1.91	12.00	2	67	126	0	0	0	0	0	0	0	67	0	0	
6:00 - 6:30	9	112	7	3	3	2.21	5.70	4	135	294	0	0	0	0	0	0	0	135	0	0	
6:30 - 7:00	14	178	17	3	3	2.16	4.40	1	213	459	0	0	0	0	0	0	0	213	0	0	
7:00 - 7:30	7	204	10	2	2	2.10	4.50	4	227	473	2	0	22	0	0	0	0	229	0	0	
7:30 - 8:00	11	152	9	0	0	1.99	3.00	1	173	343	2	0	27	0	0	0	0	175	0	0	
8:00 - 8:30	12	77	2	0	0	1.89	3.00	0	91	172	3	1	42	0	0	0	0	95	0	0	
8:30 - 9:00	3	48	2	0	0	2.00	3.50	3	56	109	2	1	23	0	0	0	0	59	0	0	
9:00 - 9:30	7	66	2	2	2	2.25	8.50	1	78	174	4	1	58	0	0	0	0	83	0	0	
9:30 - 10:00	7	32	3	0	0	1.90	3.00	1	43	81	3	2	41	0	0	0	0	48	0	0	
Vehicles	121	896	52	13					1,100		16	5						0	1,121	0	0
Persons	121	1,792	162	156					2,249				213					0	2,462		

	HOV			Peak Hour (6:30 AM - 7:30 AM)
	5 Hour	24 Hours (5 Hours assumed)	2,462	
Highway Passengers	2,462	2,462	954	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	2,249	2,249	932	0
Autos and Motorcycles	1,100	1,100	440	0
Average Auto Occupancy (Includes Motorcycles)	2.04	2.04	2.12	0

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Conventional Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto Persons			Buses			Bus Passengers			Passengers +MC			Total Vehicles	Rail Metro Comm.
	1	2	3+					Total Auto + MC	Auto Riders	Transit	Other	Trans	Other	+ Bus Pass	Riders	Other	Trucks				
5:00 - 5:30	952	3	0	0	1.00	0.00	0	955	958	0	0	0	0	0	0	958	78	1,033	0	0	
5:30 - 6:00	1,639	40	1	2	1.04	9.33	2	1,684	1,749	0	0	0	0	0	0	1,749	149	1,833	0	0	
6:00 - 6:30	1,825	72	3	2	1.05	6.80	0	1,902	2,003	0	0	0	0	0	0	2,003	136	2,038	0	0	
6:30 - 7:00	2,298	79	2	1	1.04	7.00	1	2,381	2,478	0	0	0	0	0	0	2,478	127	2,508	0	0	
7:00 - 7:30	2,464	87	8	1	1.05	4.33	1	2,561	2,678	0	0	0	0	0	0	2,678	102	2,663	0	0	
7:30 - 8:00	2,206	93	7	0	1.05	3.29	0	2,306	2,415	0	0	0	0	0	0	2,415	136	2,442	0	0	
8:00 - 8:30	1,847	87	5	1	1.06	5.17	1	1,941	2,053	0	0	0	0	0	0	2,053	162	2,103	0	0	
8:30 - 9:00	1,606	118	24	0	1.10	3.38	0	1,748	1,923	0	0	0	0	0	0	1,923	187	1,935	0	0	
9:00 - 9:30	1,561	132	12	4	1.12	5.44	1	1,710	1,913	0	1	0	0	0	0	1,913	157	1,868	0	0	
9:30 - 10:00	1,144	113	13	2	1.13	4.53	1	1,273	1,439	0	3	0	0	0	0	1,439	140	1,416	0	0	
Vehicles	17,542	824	75	13				18,461	19,609	0	4	0	0	0	0	19,609	1,374	19,839	0	0	
Persons	17,542	1,648	256	156				19,609	19,609	0	0	0	0	0	0	19,609			0	0	

	HOV			Peak Hour (6:30 AM - 7:30 AM)
	5 Hour	24 Hours (5 Hours assumed)	19,609	
Highway Passengers	19,609	19,609	19,609	5,156
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	19,609	19,609	19,609	5,156
Autos and Motorcycles	18,461	18,461	18,461	4,942
Average Auto Occupancy (Includes Motorcycles)	1.06	1.06	1.06	1.04

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Facility Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			Vans	3+ Autos	AVG Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons + MC Riders			Buses			Bus Passengers			Passengers + MC			Trucks	Total Vehicles	Rail Metro Comm.		
	1	2	3+							Transit	Other	Transit	Other	Transit	Other	Transit	Other	Transit	Other	Transit	Other				Transit	Other
5:00 - 5:30	145	1	1	1	1	1.09	7.50	0	148	162	0	0	0	0	0	0	0	0	0	0	0	162	59	207	0	0
5:30 - 6:00	247	16	3	0	0	1.09	3.33	1	267	290	0	1	0	21	0	0	0	0	0	0	0	311	62	330	0	0
6:00 - 6:30	356	47	9	2	0	1.23	5.27	0	414	508	0	1	0	21	0	0	0	0	0	0	0	529	75	490	0	0
6:30 - 7:00	645	117	27	1	0	1.26	4.04	0	790	992	0	2	0	21	0	0	0	0	0	0	0	1,013	97	889	0	0
7:00 - 7:30	655	68	12	1	0	1.15	4.54	0	736	850	0	3	0	21	0	0	0	0	0	0	0	871	75	814	0	0
7:30 - 8:00	718	121	17	3	0	1.22	4.45	2	861	1,051	0	4	0	21	0	0	0	0	0	0	0	1,072	117	982	0	0
8:00 - 8:30	871	102	8	3	0	1.15	5.45	1	985	1,136	0	3	0	0	0	0	0	0	0	0	0	1,136	84	1,072	0	0
8:30 - 9:00	746	80	5	1	0	1.12	4.83	0	832	935	0	3	0	0	0	0	0	0	0	0	0	935	87	922	0	0
9:00 - 9:30	558	46	5	1	0	1.11	4.67	1	611	679	0	4	0	0	0	0	0	0	0	0	0	679	73	688	0	0
9:30 - 10:00	743	105	10	0	0	1.15	3.50	2	860	990	0	5	0	0	0	0	0	0	0	0	0	990	89	954	0	0
Vehicles	5,684	703	97	13					6,504	7,593	0	26	0	105	0	0	0	0	0	0	0	818	7,348	0	0	0
Persons	5,684	1,406	340	156																		7,698				

	HOV		
	5 Hour	24 Hours (5 Hours assumed)	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	7,698	7,698	2,208
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	7,593	7,593	2,187
Autos and Motorcycles	6,504	6,504	1,846
Average Auto Occupancy (Includes Motorcycles)	1.17	1.17	1.18

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 HOV Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			Vans	Avg		3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC		Buses			Total Auto Passengers +MC		Total Vehicles	Rail Metro Comm.	
	1	2	3+		Auto Occ.	Avg			Transit	Other	Trans	Other	Bus Passengers + Riders	Trucks	Bus Pass + Riders			
5:00 - 5:30	1	1	0	1	5.00	12.00	0	3	15	0	0	0	0	0	15	0	3	0
5:30 - 6:00	0	3	0	0	2.00	0.00	0	3	6	0	1	0	21	27	0	4	0	0
6:00 - 6:30	1	7	1	0	2.00	3.00	0	9	18	0	1	0	21	39	0	10	0	0
6:30 - 7:00	1	8	1	0	2.00	3.00	0	10	20	0	1	0	21	41	0	11	0	0
7:00 - 7:30	1	13	0	0	1.93	0.00	0	14	27	0	1	0	21	48	0	15	0	0
7:30 - 8:00	0	13	0	1	2.71	12.00	0	14	38	0	1	0	21	59	0	15	0	0
8:00 - 8:30	0	15	0	0	2.00	0.00	1	16	31	0	0	0	0	31	0	16	0	0
8:30 - 9:00	3	18	0	0	1.86	0.00	0	21	39	0	0	0	0	39	0	21	0	0
9:00 - 9:30	5	10	2	1	2.39	6.00	0	18	43	0	0	0	0	43	0	18	0	0
9:30 - 10:00	4	27	1	0	1.91	3.00	0	32	61	0	0	0	0	61	0	32	0	0
Vehicles	16	115	5	3				140	298	0	5	0	105	403	0	145	0	0
Persons	16	230	15	36														

	HOV		Peak Hour (7:30 AM - 8:30 AM)
	5 Hour (5 Hours assumed)	24 Hours	
Highway Passengers	403	298	90
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	298	140	69
Autos and Motorcycles	140	140	30
Average Auto Occupancy (Includes Motorcycles)	2.13	2.13	2.30

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Conventional Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders			Buses			Bus Passengers			Passengers +MC			Total Vehicles	Rail Metro Comm.					
	Autos	Autos	Vans	Autos	Autos	Vans	Transit	Other	Trans					Other	+ Bus Pass	Riders	+MC	Trucks	Other	+ Bus Pass	Riders	+MC										
5:00 - 5:30	144	0	1	0	1.01	3.00	0	145	147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
5:30 - 6:00	247	13	3	0	1.08	3.33	1	264	284	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:00 - 6:30	355	40	8	2	1.21	5.50	0	405	480	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:30 - 7:00	644	109	26	1	1.25	4.07	0	780	972	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:00 - 7:30	654	55	12	1	1.14	4.54	0	722	823	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:30 - 8:00	718	108	17	2	1.20	4.05	2	847	1,013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:00 - 8:30	871	87	8	3	1.14	5.45	0	969	1,105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 - 9:00	743	62	5	1	1.10	4.83	0	811	896	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:00 - 9:30	553	36	3	0	1.07	3.33	1	593	636	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:30 - 10:00	739	78	9	0	1.12	3.56	2	828	929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vehicles	5,668	588	92	10				6,364	7,295	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Persons	5,668	1,176	325	120				6,364	7,295	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	HOV			Peak Hour (7:30 AM - 8:30 AM) assumed
	5 Hour (5 Hours assumed)	24 Hours	Period	
Highway Passengers	7,295	7,295	7,295	2,118
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	7,295	7,295	7,295	2,118
Autos and Motorcycles	6,364	6,364	6,364	1,816
Average Auto Occupancy (Includes Motorcycles)	1.15	1.15	1.15	1.17

US 50 E
 US 50 Westbound bet. Md. 424 and Md. 3/U.S. 301
 Facility Total
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons			Buses			Bus Passengers			Passengers +MC			Total Vehicles	Rail Metro Comm.	
	Autos	Autos	Autos	Vans	Autos	Autos	Autos	+MC Riders	Transit					Other	Transit	Other	Trans	Other	+ Bus Pass	Riders	Trucks	Trucks	Trucks	Trucks	Trucks			Trucks
5:00 - 5:30	477	35	1	1	1	1	515	1	8.00	1	1.10	564	1	0	9	0	573	63	579	0	0	0	0	0	0	0	0	
5:30 - 6:00	1,291	101	1	1	1	1,396	2	1,396	7.50	2	1.08	1,510	1	0	6	0	1,516	82	1,479	0	0	0	0	0	0	0	0	
6:00 - 6:30	1,406	118	7	1	1	1,534	2	1,534	4.38	2	1.09	1,679	3	0	43	0	1,722	99	1,636	0	0	0	0	0	0	0	0	
6:30 - 7:00	1,603	99	5	4	1	1,715	4	1,715	7.11	4	1.09	1,869	1	0	31	0	1,900	57	1,773	0	0	0	0	0	0	0	0	
7:00 - 7:30	1,364	95	1	0	1	1,493	33	1,493	4.00	33	1.07	1,591	3	0	61	0	1,652	90	1,586	0	0	0	0	0	0	0	0	
7:30 - 8:00	1,434	113	3	0	1	1,551	1	1,551	4.00	1	1.08	1,673	3	0	54	0	1,727	78	1,632	0	0	0	0	0	0	0	0	
8:00 - 8:30	1,499	108	4	0	1	1,611	0	1,611	3.50	0	1.07	1,729	3	1	52	21	1,802	101	1,716	0	0	0	0	0	0	0	0	
8:30 - 9:00	1,334	104	7	1	1	1,455	9	1,455	4.50	9	1.09	1,587	2	1	26	21	1,634	109	1,567	0	0	0	0	0	0	0	0	
9:00 - 9:30	1,012	105	3	2	1	1,226	4	1,226	6.80	4	1.12	1,260	1	3	9	63	1,332	115	1,245	0	0	0	0	0	0	0	0	
9:30 - 10:00	1,062	145	9	2	1	1,218	0	1,218	4.73	0	1.15	1,404	1	3	6	63	1,473	118	1,340	0	0	0	0	0	0	0	0	
Vehicles													13,614	19	8	912	14,553	0	0	0	0	0	0	0	0	0	0	
Persons													12,482	14,866	138	144	15,331	168	15,331	0	0	0	0	0	0	0	0	0

	5 Hour	Peak Hour (6:00 AM - 7:00 AM)
Highway Passengers	15,331	3,622
Rail Passengers	0	0
Auto and Motorcycle Passengers	14,866	3,548
Autos and Motorcycles	13,614	3,249
Average Auto Occupancy (Includes Motorcycles)	1.09	1.09

I-95/I-495 Northbound AM (Va. to Md.)
 I-95/I-495 crossing the Woodrow Wilson Bridge
 Facility Total

No HOV Restrictions at this location
 Spring, 2004

Time	1			2			3+			Van-pools	Avg. Auto Occ.	3+Autos+ Van-pools (MC)	Motorcycles	Total Autos + MC			Total Auto Passengers + MC			Total Vehicles	Rail Metro Comm.	
	Autos	Autos	Autos	Autos	Autos	Autos	Van-pools	Van-pools	Van-pools					Transit	Other	Buses	Bus Passengers	Other	Trans			Other
5:00 - 5:30	560	9	1	0	1.02	3.00	1	571	582	0	0	0	0	0	0	0	582	76	647	0	0	
5:30 - 6:00	1,627	90	12	2	1.08	4.29	10	1,741	1,877	0	0	0	0	0	0	0	1,877	132	1,873	0	0	
6:00 - 6:30	2,016	206	28	4	1.14	4.34	15	2,269	2,582	0	0	0	0	0	0	0	2,582	121	2,390	0	0	
6:30 - 7:00	2,294	256	34	2	1.14	3.83	12	2,598	2,956	0	0	0	0	0	0	0	2,956	172	2,770	0	0	
7:00 - 7:30	2,512	192	20	1	1.09	4.10	6	2,731	2,988	0	0	0	0	0	0	0	2,988	178	2,909	0	0	
7:30 - 8:00	2,123	174	18	1	1.10	4.11	6	2,322	2,655	0	0	0	0	0	0	0	2,655	172	2,494	0	0	
8:00 - 8:30	2,026	125	13	1	1.08	3.71	7	2,172	2,335	0	0	0	0	0	0	0	2,335	191	2,363	0	0	
8:30 - 9:00	1,874	98	6	1	1.06	4.57	2	1,981	2,104	0	0	0	0	0	0	0	2,104	199	2,180	0	0	
9:00 - 9:30	1,616	190	21	2	1.14	4.22	6	1,835	2,099	0	0	0	0	0	0	0	2,099	261	2,096	0	0	
9:30 - 10:00	1,565	380	23	4	1.24	4.67	4	1,976	2,455	0	6	0	0	0	0	0	2,455	363	2,345	0	0	
Vehicles	18,213	1,720	176	18			69	20,196	22,533	0	6	0	0	0	0	0	22,533	1,865	22,067	0	0	
Persons	18,213	3,440	595	216																		

Peak Hour
 (6:30 AM - 7:30 AM)

Highway Passengers	22,533	5,944
Rail Passengers	0	0
Auto and Motorcycle Passengers	22,533	5,944
Autos and Motorcycles	20,196	5,329
Average Auto Occupancy (Includes Motorcycles)	1.12	1.12

I-95/I-495 Southbound AM (Md. to Va.)
 I-95/I-495 crossing the Woodrow Wilson Bridge

Facility Total

No HOV Restrictions at this location
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	Avg. Van-pools Auto Occ.	3+ Autos + Van-pools	Motor- cycles (MC)	Total Auto Autos Persons		Euses Transit	Other	Bus Passengers Trans	Other	Riders + Bus Pass.	Trucks	Total Vehicles	Rail Metro	Comm.
	1	2	3+						Van-pools + MC	Riders + MC									
5:00 - 5:30	867	32	1	0	1.04	4.00	3	903	938	0	0	0	0	0	938	134	1,037	0	0
5:30 - 6:00	2,276	145	9	7	1.10	7.13	11	2,448	2,691	0	0	0	0	0	2,691	240	2,688	0	0
6:00 - 6:30	2,284	170	16	3	1.10	4.63	16	2,489	2,728	0	0	0	0	0	2,728	216	2,705	0	0
6:30 - 7:00	2,290	209	31	1	1.11	3.56	12	2,543	2,834	0	1	0	0	0	2,834	232	2,776	0	0
7:00 - 7:30	2,321	136	12	3	1.08	5.00	3	2,475	2,671	0	0	0	0	0	2,671	268	2,743	0	0
7:30 - 8:00	2,329	232	26	0	1.11	3.50	10	2,597	2,894	0	2	0	0	0	2,894	175	2,774	0	0
8:00 - 8:30	2,043	184	35	0	1.12	3.23	9	2,271	2,533	0	0	0	0	0	2,533	183	2,454	0	0
8:30 - 9:00	2,131	220	11	1	1.11	4.33	5	2,368	2,628	0	1	0	0	0	2,628	300	2,669	0	0
9:00 - 9:30	1,905	189	24	4	1.14	4.61	6	2,128	2,418	0	0	0	0	0	2,418	345	2,473	0	0
9:30 - 10:00	1,693	229	20	1	1.15	3.67	8	1,951	2,236	0	0	0	0	0	2,236	377	2,328	0	0
Vehicles	20,139	1,746	185	20			83	22,173	24,571	0	4	0	0	0	24,571	2,470	24,647	0	0
Persons	20,139	3,492	617	240															

Peak Hour
 (7:30 AM -
 8:30 AM)

	5 Hour	Peak Hour
Highway Passengers	24,571	5,565
Rail Passengers	0	0
Auto and Motorcycle Passengers	24,571	5,565
Average Auto Occupancy	22,173	5,072
(Includes Motorcycles)	1.11	1.10

ALXA AM
 Northbound Va. 400 (N.Washington Street) in 500 block (Pendleton Street)
 HOV Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	Autos			3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)		Total Auto-pools + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Total Rail Comm.			
	1 Autos	2 Autos	3+ Autos				Van-pools	Motor-cycles	Van-pools	Motor-cycles	Van-pools	Motor-cycles	Trans	Other	Bus Passengers	Riders	Trucks	Vehicles
5:00 - 5:30	72	3	0	0	1.04	0.00	0	0	75	78	0	0	0	78	2	77	0	0
5:30 - 6:00	43	0	0	0	1.00	0.00	0	0	43	43	0	0	0	43	0	43	0	88
6:00 - 6:30	70	14	0	0	1.17	0.00	1	0	85	99	0	2	0	171	0	87	0	149
6:30 - 7:00	162	28	2	1	1.23	6.33	0	0	193	237	0	2	0	309	0	195	0	166
7:00 - 7:30	83	111	3	0	1.62	4.67	5	0	202	324	0	2	0	396	3	207	0	179
7:30 - 8:00	61	94	3	0	1.63	3.00	1	0	159	259	0	3	0	367	3	165	0	169
8:00 - 8:30	68	68	1	0	1.51	3.00	2	0	139	209	0	0	0	209	2	141	0	83
8:30 - 9:00	84	45	0	0	1.35	0.00	4	0	133	178	0	1	0	214	3	137	0	0
9:00 - 9:30	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0
9:30 - 10:00	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Vehicles	643	363	9	1			13		1,029	1,029	0	10		1,787	13	1,052	0	834
Persons	643	726	33	12						1,427								

	HOV Restriction Period		Peak Hour
	5 Hour (7:00 AM - 9:00 AM)	9:00 AM - 8:00 AM	
Highway Passengers	1,787	1,186	763
Rail Passengers	834	431	348
Auto and Motorcycle Passengers	1,427	970	583
Autos and Motorcycles	1,029	633	361
Average Auto Occupancy (Includes Motorcycles)	1.39	1.53	1.61

ALXA AM
 Northbound Va. 400 (N.Washington Street) in 500 block (Pendleton Street)
 Conventional Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1		2		3+		Van-pools	3+ Autos + Motor-cycles (MC)	Avg. Van-pools Auto Occ.	3+ Autos + Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail Comm.					
	Autos	Autos	Autos	Autos	Van-pools	Van-pools					Riders	Riders	Trucks	Trucks		Other	Other			
5:00 - 5:30	64	17	0	0	0	0	0	0.00	1.21	0.00	0	81	98	0	21	119	1	83	0	0
5:30 - 6:00	298	24	0	0	0	1	323	0.00	1.07	0.00	1	347	347	0	0	347	1	324	0	0
6:00 - 6:30	508	44	1	0	1	2	555	3.00	1.08	3.00	2	601	601	0	0	601	3	558	0	0
6:30 - 7:00	802	25	1	0	1	3	831	3.00	1.03	3.00	3	858	858	0	0	858	4	836	0	0
7:00 - 7:30	841	19	0	0	0	2	862	0.00	1.02	0.00	2	881	881	0	21	902	1	864	0	0
7:30 - 8:00	766	38	3	0	1	2	809	4.67	1.06	4.67	2	858	858	0	21	879	5	815	0	0
8:00 - 8:30	808	34	0	0	0	10	852	0.00	1.04	0.00	10	886	886	0	42	928	1	855	0	0
8:30 - 9:00	736	55	2	0	0	2	795	4.00	1.08	4.00	2	856	856	0	21	877	3	799	0	0
9:00 - 9:30	683	62	4	0	0	0	749	3.00	1.09	3.00	0	819	819	0	105	924	6	760	0	0
9:30 - 10:00	496	56	8	0	0	2	562	3.50	1.14	3.50	2	638	638	0	42	680	9	573	0	0
Vehicles	6,002	374	19	0	0	0	6,419				0	6,419	6,419	0	294	7,136	34	6,467	0	0
Persons	6,002	748	68	0	0	0	6,842				0	6,842	6,842	0	294	7,136	34	6,467	0	0

	HOV Restricted		Peak Hour
	5 Hour (7:00 AM - 9:00 AM)	9:00 AM - 10:00 AM	
Highway Passengers	7,136	3,586	1,781
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	6,842	3,481	1,739
Autos and Motorcycles	6,419	3,318	1,671
Average Auto Occupancy (Includes Motorcycles)	1.07	1.05	1.04

ALXA AM
 Northbound Va. 400 (N.Washington Street) in 500 block (Pendleton Street)
 Facility Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Bus Passengers			Total Auto Passengers + MC		Trucks	Total Rail	
	1	2	3+	1	2	3+	Van-pools	Auto Occ.	Van-pools				Riders	MC	Transit	Other	Other	+ Bus Pass.	Riders		MC	Metro
5:00 - 5:30	136	20	0	0	0	0	1.13	0.00	0	156	176	0	1	0	21	197	3	160	0	0		
5:30 - 6:00	341	24	0	0	1	366	1.07	0.00	1	390	390	0	0	0	0	390	1	367	0	88		
6:00 - 6:30	578	58	1	0	1.09	3.00	1.09	3.00	3	640	700	0	2	0	72	772	3	645	0	149		
6:30 - 7:00	964	53	3	1	1.07	5.50	1.07	5.50	3	1,024	1,095	0	3	0	93	1,188	4	1,031	0	166		
7:00 - 7:30	924	130	3	0	1.13	4.67	1.13	4.67	7	1,064	1,205	0	3	0	93	1,298	4	1,071	0	179		
7:30 - 8:00	827	132	6	0	1.15	3.83	1.15	3.83	3	968	1,117	0	4	0	129	1,246	8	980	0	169		
8:00 - 8:30	876	102	1	0	1.11	3.00	1.11	3.00	12	991	1,095	0	2	0	42	1,137	3	996	0	83		
8:30 - 9:00	820	100	2	0	1.11	4.00	1.11	4.00	6	928	1,034	0	2	0	57	1,091	6	936	0	0		
9:00 - 9:30	683	62	4	0	1.09	3.00	1.09	3.00	0	749	819	0	5	0	105	924	6	760	0	0		
9:30 - 10:00	496	56	8	0	1.14	3.50	1.14	3.50	2	562	638	0	2	0	42	680	9	573	0	0		
Vehicles	6,645	737	28	1					37	7,448	8,269	0	24	0	654	8,923	47	7,519	0	834		
Persons	6,645	1,474	101	12																		

	HOV Restricted		Peak Hour
	Period	Period	
Highway Passengers	5 Hour (7:00 AM - 9:00 AM)	8,923	4,772
Rail Passengers	9:00 AM - 8:00 AM	834	431
Auto and Motorcycle Passengers		8,269	4,451
Autos and Motorcycles		7,448	3,951
Average Auto Occupancy (Includes Motorcycles)		1.11	1.13

ALXB AM
 Northbound Va. 400 (S.Washington Street - 200 block) south of Duke Street
 HOV Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail			
	1	2	1	2	1	2				Van-pools	Auto Occ.	Van-pools	Auto Passengers		Auto Riders	Bus Passengers	Riders
5:00 - 5:30	4	1	1	0	1.50	3.00	0	6	9	0	0	0	9	0	0	0	0
5:30 - 6:00	25	6	1	0	1.28	4.00	0	32	41	0	0	0	41	2	34	0	88
6:00 - 6:30	70	27	1	0	1.30	3.00	1	99	128	0	2	0	200	0	101	0	149
6:30 - 7:00	116	42	5	0	1.33	3.40	3	166	220	0	2	0	292	1	169	0	166
7:00 - 7:30	64	84	8	0	1.67	3.50	6	162	266	0	2	0	338	2	166	0	179
7:30 - 8:00	87	101	5	0	1.59	3.40	7	200	313	0	2	0	385	0	202	0	169
8:00 - 8:30	85	52	6	0	1.45	3.17	8	151	216	0	0	0	216	0	151	0	83
8:30 - 9:00	82	47	4	0	1.42	3.25	3	136	192	0	0	0	192	1	137	0	0
9:00 - 9:30	32	1	0	0	1.03	0.00	2	35	36	0	0	0	36	0	35	0	0
9:30 - 10:00	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
Vehicles	565	361	31	0			30	987	1,421	0	8	0	288	6	1,001	0	834
Persons	565	722	104	0									1,709				

HOV Restricted
 Period
 5 Hour (7:00 AM - 9:00 AM)
 9:00 AM - 8:00 AM
 Peak Hour
 (7:00 AM - 8:00 AM)

Highway Passengers	1,709	1,131	723
Rail Passengers	834	431	348
Auto and Motorcycle Passengers	1,421	987	579
Autos and Motorcycles	987	649	362
Average Auto Occupancy (Includes Motorcycles)	1.44	1.52	1.60

ALXB AM

Northbound Va. 400 (S.Washington Street - 200 block) south of Duke Street

Conventional Total

HOV Restriction Period 7:00 AM - 9:00 AM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Buses			Bus Passengers			Total Auto Passengers + MC		
	1	2	3+	Van-pools	Auto Occ.	Auto Occ.	Van-pools	Auto Occ.	Auto Occ.					Transit	Other	Other	Trans	Other	Trucks	Trucks	Rail	Metro Comm.
5:00 - 5:30	141	40	6	0	1.28	3.00	1	188	240	0	0	0	0	0	0	0	240	0	188	0	0	
5:30 - 6:00	342	49	2	1	1.16	6.00	0	394	458	0	0	0	0	0	0	0	458	3	397	0	0	
6:00 - 6:30	470	52	2	0	1.11	3.00	1	525	581	0	0	0	0	0	0	0	581	3	528	0	0	
6:30 - 7:00	701	56	4	1	1.10	5.40	2	764	842	0	0	0	0	0	0	0	842	7	771	0	0	
7:00 - 7:30	844	34	1	0	1.04	3.00	0	879	915	0	0	0	0	0	0	0	915	1	880	0	0	
7:30 - 8:00	714	31	4	0	1.05	3.25	1	750	790	0	0	0	0	0	0	0	790	0	750	0	0	
8:00 - 8:30	633	27	0	0	1.04	0.00	1	661	688	0	0	0	0	0	0	0	688	1	662	0	0	
8:30 - 9:00	587	35	1	1	1.08	7.50	0	624	672	0	0	0	0	0	0	0	672	5	629	0	0	
9:00 - 9:30	596	39	1	1	1.08	7.50	0	637	689	0	0	0	0	0	0	0	689	8	645	0	0	
9:30 - 10:00	457	25	3	0	1.06	3.00	0	485	516	0	0	0	0	0	1	0	537	3	489	0	0	
Vehicles	5,485	388	24	4				5,907	6,391	0	1	0	21	0	31	5,939	0	0	0	0	0	
Persons	5,485	776	76	48				6,391	6,391	0	1	0	21	0	31	6,412	0	0	0	0	0	

HOV Restricted

5 Hour (7:00 AM - 9:00 AM)	Period		Peak Hour
	7:00 AM - 8:00 AM	8:00 AM - 9:00 AM	
Highway Passengers	6,412	3,065	1,705
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	6,391	3,065	1,705
Autos and Motorcycles	5,907	2,914	1,629
Average Auto Occupancy (Includes Motorcycles)	1.08	1.05	1.05

ALXB AM
 Northbound Va. 400 (S.Washington Street - 200 block) south of Duke Street
 Facility Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Avg. Van-pools Auto Occ.	3+Autos+ Van-pools (MC)	Total Autos + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Rail Metro Comm.	
	1	2	3+	Van-pools	Auto Occ.	Motorcycles	Van-pools	+ MC	Transit			Other	Trans	Other	Riders	+ Bus Pass.	Trucks	Vehicles			
5:00 - 5:30	145	41	7	0	1.28	3.00	1	194	249	0	0	0	0	0	0	249	0	194	0	0	
5:30 - 6:00	367	55	3	1	1.17	5.50	0	426	499	0	0	0	0	0	0	499	5	431	0	88	
6:00 - 6:30	540	79	3	0	1.14	3.00	2	624	709	0	2	0	72	781	3	629	0	629	0	149	
6:30 - 7:00	817	98	9	1	1.14	4.40	5	930	1,062	0	2	0	72	1,134	8	940	0	940	0	166	
7:00 - 7:30	908	118	9	0	1.14	3.44	6	1,041	1,181	0	2	0	72	1,253	3	1,046	0	1,046	0	179	
7:30 - 8:00	801	132	9	0	1.16	3.33	8	950	1,103	0	2	0	72	1,175	0	952	0	952	0	169	
8:00 - 8:30	718	79	6	0	1.11	3.17	9	812	904	0	0	0	0	904	1	813	0	813	0	83	
8:30 - 9:00	569	82	5	1	1.14	4.67	3	760	864	0	0	0	0	864	6	766	0	766	0	0	
9:00 - 9:30	628	40	1	1	1.08	7.50	2	672	725	0	0	0	0	725	8	680	0	680	0	0	
9:30 - 10:00	457	25	3	0	1.06	3.00	0	485	516	0	1	0	21	537	3	489	0	489	0	0	
Vehicles	6,050	749	55	4			36	6,894	7,812	0	9	0	309	8,121	37	6,940	0	6,940	0	834	
Persons	6,050	1,498	180	48																	

	HOV Restricted		Peak Hour Period
	5 Hour 9:00 AM - 7:00 AM - 8:00 AM)	9:00 AM - 8:00 AM)	
Highway Passengers	8,121	4,196	2,428
Rail Passengers	834	431	348
Auto and Motorcycle Passengers	7,812	4,052	2,284
Autos and Motorcycles	6,894	3,563	1,991
Average Auto Occupancy (Includes Motorcycles)	1.13	1.14	1.15

ALXC AM
 Northbound U.S. 1 (N. Patrick Street) at Wythe Street
 HOV Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Auto Occ.	3+ Autos+ Van-pools (MC)	Motorcycles (MC)	Total Autos + MC		Total Passengers + MC		Total Vehicles	Rail Metro Comm.				
	1	2	3	4	5	6					7	8	9	10			11	12		
5:00 - 5:30	21	6	1	0	1.29	3.00	0	28	36	0	0	0	0	0	36	0	28	0	0	
5:30 - 6:00	133	38	2	1	1.30	6.00	0	174	227	0	0	0	0	0	227	6	180	0	88	
6:00 - 6:30	67	61	1	2	1.65	9.00	3	134	219	0	2	0	72	291	3	139	0	149	0	
6:30 - 7:00	48	96	3	0	1.70	3.33	1	148	251	0	2	0	72	323	0	150	0	166	0	
7:00 - 7:30	64	80	0	0	1.56	0.00	3	147	227	0	2	0	72	299	0	149	0	179	0	
7:30 - 8:00	70	122	10	1	1.75	3.82	2	205	358	0	3	0	108	466	0	208	0	169	0	
8:00 - 8:30	96	78	6	0	1.51	3.33	2	182	274	0	13	0	468	742	2	197	0	83	0	
8:30 - 9:00	87	67	1	1	1.52	8.00	2	158	239	0	3	0	108	347	4	165	0	0	0	
9:00 - 9:30	156	35	1	0	1.19	3.00	3	195	232	0	0	0	0	232	3	198	0	0	0	
9:30 - 10:00	157	37	4	0	1.23	3.00	1	199	244	0	1	0	36	280	5	205	0	0	0	
Vehicles	899	620	29	5			17	1,570	2,307		26	0	936	3,243	23	1,619	0	834	0	
Persons	899	1,240	91	60																

	HOV Restricted		Peak Hour
	5 Hour (7:00 AM - 9:00 AM)	Period (7:30 AM - 8:30 AM)	
Highway Passengers	3,243	1,854	1,208
Rail Passengers	834	431	252
Auto and Motorcycle Passengers	2,307	1,098	632
Autos and Motorcycles	1,570	692	387
Average Auto Occupancy (Includes Motorcycles)	1.47	1.59	1.63

ALXC AM
 Northbound U.S. 1 (N. Patrick Street) at Wythe Street
 Conventional Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Total Auto Persons	Buses			Total Auto Passengers + MC			Rail Metro Comm.
	1	2	3+	1	2	3+	Transit	Other	Trucks						Bus Passengers	Other	Riders	Trucks	Other	Riders	
5:00 - 5:30	176	17	1	0	1.10	3.00	1	195	214	0	0	0	0	0	0	0	214	4	199	0	0
5:30 - 6:00	458	31	1	0	1.07	4.00	0	490	524	0	0	0	0	0	0	0	524	14	504	0	0
6:00 - 6:30	536	34	1	0	1.06	3.00	1	572	608	0	2	0	42	650	18	592	0	0	0	0	0
6:30 - 7:00	667	33	0	0	1.05	0.00	0	700	733	0	1	0	21	754	23	724	0	0	0	0	0
7:00 - 7:30	759	23	2	1	1.05	6.00	1	786	824	0	0	0	0	824	25	811	0	0	0	0	0
7:30 - 8:00	928	54	2	1	1.07	6.33	2	987	1,057	0	0	0	0	1,057	13	1,000	0	0	0	0	0
8:00 - 8:30	817	80	0	0	1.09	0.00	2	899	979	0	0	0	0	979	15	914	0	0	0	0	0
8:30 - 9:00	706	38	1	1	1.07	7.50	1	747	798	0	1	0	21	819	46	794	0	0	0	0	0
9:00 - 9:30	559	44	3	0	1.08	3.00	1	607	657	0	1	0	21	678	27	635	0	0	0	0	0
9:30 - 10:00	465	48	2	2	1.15	7.75	2	519	594	0	2	0	42	636	26	547	0	0	0	0	0
Vehicles	6,071	402	13	5				6,502	6,988	0	7	0	147	7,135	211	6,720	0	0	0	0	0
Persons	6,071	804	42	60																	

	HOV Restricted		Peak Hour
	5 Hour (7:00 AM - 9:00 AM)	9:00 AM - 8:30 AM	
Highway Passengers	7,135	3,679	2,036
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	6,988	3,658	2,036
Autos and Motorcycles	6,502	3,419	1,886
Average Auto Occupancy (Includes Motorcycles)	1.07	1.07	1.08

ALXC AM
 Northbound U.S. 1 (N. Patrick Street) at Wythe Street
 Facility Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles Van-pools (MC)	Total Autos + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.	
	1	2	1	2	1	2				Transit	Other	Trans	Other	Riders	Pass.	Trucks	Other	Total	Trucks		Other
5:00 - 5:30	197	23	2	0	1.12	3.00	1	223	250	0	0	0	0	0	0	250	4	227	0	0	
5:30 - 6:00	591	69	3	1	1.13	5.50	0	664	751	0	0	0	0	0	0	751	20	684	0	88	
6:00 - 6:30	603	95	2	2	1.17	7.50	4	706	827	0	4	0	114	0	0	941	21	731	0	149	
6:30 - 7:00	715	129	3	0	1.16	3.33	1	848	984	0	3	0	93	0	0	1,077	23	874	0	166	
7:00 - 7:30	823	103	2	1	1.13	6.00	4	933	1,051	0	2	0	72	0	0	1,123	25	960	0	179	
7:30 - 8:00	998	176	12	2	1.19	4.36	4	1,192	1,415	0	3	0	108	0	0	1,523	13	1,208	0	169	
8:00 - 8:30	913	158	6	0	1.16	3.33	4	1,081	1,253	0	13	0	468	0	0	1,721	17	1,111	0	83	
8:30 - 9:00	793	105	2	2	1.15	7.75	3	905	1,037	0	4	0	129	0	0	1,166	50	959	0	0	
9:00 - 9:30	715	79	4	0	1.11	3.00	4	802	889	0	1	0	21	0	0	910	30	833	0	0	
9:30 - 10:00	622	85	6	2	1.17	5.38	3	718	838	0	3	0	78	0	0	916	31	752	0	0	
Vehicles	6,970	1,022	42	10			28	8,072	9,295	0	33	0	1,083	0	0	10,378	234	8,339	0	834	
Persons	6,970	2,044	133	120																	

	HOV Restricted		Peak Hour
	5 Hour (7:00 AM - 9:00 AM)	9:00 AM - 8:30 AM	
Highway Passengers	10,378	5,533	3,244
Rail Passengers	834	431	252
Auto and Motorcycle Passengers	9,295	4,756	2,668
Autos and Motorcycles	8,072	4,111	2,273
Average Auto Occupancy (Includes Motorcycles)	1.15	1.16	1.17

ALXD AM
 Northbound U.S. 1 (S. Patrick Street - 200 block) south of Duke Street
 HOV Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses			Bus Passengers			Total Auto Passengers + MC			Rail Metro Comm.				
	Autos	Autos	Autos	Autos	Transit	Other						Trucks	Other	Trans	Other	+ Bus Pass.	Riders	Trucks	Other	Trans		Vehicles	Metro	Comm.	
5:00 - 5:30	115	8	0	0	0	0	1.07	0.00	0	123	131	0	0	0	0	0	0	0	0	131	2	125	0	0	
5:30 - 6:00	164	16	0	0	1.09	0.00	2	182	198	0	0	0	0	0	0	0	0	0	0	198	2	184	0	88	
6:00 - 6:30	92	92	5	0	1.54	3.20	1	190	293	0	2	0	2	0	72	365	4	196	0	365	4	196	0	149	
6:30 - 7:00	47	152	3	0	1.78	3.00	1	203	361	0	2	0	2	0	72	433	3	208	0	433	3	208	0	166	
7:00 - 7:30	58	183	3	0	1.78	3.33	1	245	435	0	2	0	2	0	72	507	3	250	0	507	3	250	0	179	
7:30 - 8:00	103	74	2	0	1.44	3.00	1	180	258	0	0	0	0	0	0	258	2	182	0	258	2	182	0	169	
8:00 - 8:30	84	69	0	0	1.45	0.00	3	156	225	0	0	0	0	0	0	225	0	156	0	225	0	156	0	83	
8:30 - 9:00	104	79	4	0	1.47	3.25	0	187	275	0	0	0	0	0	0	275	4	191	0	275	4	191	0	0	
9:00 - 9:30	317	61	1	0	1.17	3.00	1	380	443	0	0	0	0	0	0	443	2	382	0	443	2	382	0	0	
9:30 - 10:00	292	39	1	0	1.12	3.00	0	332	373	0	0	0	0	0	0	373	3	335	0	373	3	335	0	0	
Vehicles	1,376	773	19	0			10	2,178	2,992	0	6	0	216	0	25	2,209	0	834		3,208					
Persons	1,376	1,546	60	0																					

HOV Restricted

Period	Peak Hour	
	5 Hour (7:00 AM - 9:00 AM)	(6:30 AM - 7:30 AM)
Highway Passengers	3,208	1,265
Rail Passengers	834	431
Auto and Motorcycle Passengers	2,992	1,193
Autos and Motorcycles	2,178	768
Average Auto Occupancy (Includes Motorcycles)	1.37	1.55

ALXD AM
 Northbound U.S. 1 (S. Patrick Street - 200 block) south of Duke Street
 Conventional Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1		2		3+		Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Persons + MC Riders		Buses			Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.	
	Autos	Autos	Autos	Autos	Van-pools	Auto Occ.			Avg. Van-pools Auto Occ.	Van-pools + MC	Autos + MC	Riders	Transit	Other	Trucks	Other	Trans	Other	+ Bus Pass.	Riders	Trucks	Vehicles	Metro
5:00 - 5:30	274	7	0	0	0	0	1.02	0	281	288	0	0	0	0	0	0	0	288	16	297	0	0	
5:30 - 6:00	460	12	0	1	1.05	12.00	1.05	0	473	496	0	0	0	0	0	0	0	496	15	488	0	0	
6:00 - 6:30	647	18	1	0	1.03	4.00	1.03	1	667	688	0	0	0	0	0	0	0	688	19	686	0	0	
6:30 - 7:00	625	10	2	0	1.02	3.00	1.02	0	637	651	0	1	0	21	0	0	0	672	20	658	0	0	
7:00 - 7:30	561	15	1	0	1.03	3.00	1.03	1	578	595	0	0	0	0	0	0	0	595	14	592	0	0	
7:30 - 8:00	643	16	2	1	1.05	6.00	1.05	0	662	693	0	0	0	21	0	0	0	714	23	686	0	0	
8:00 - 8:30	746	15	1	0	1.02	3.00	1.02	0	762	779	0	0	0	0	0	0	0	779	30	792	0	0	
8:30 - 9:00	538	9	0	0	1.02	0.00	1.02	0	547	556	0	1	0	21	0	0	0	577	26	574	0	0	
9:00 - 9:30	427	22	0	0	1.05	0.00	1.05	0	449	471	0	1	0	21	0	0	0	492	50	500	0	0	
9:30 - 10:00	491	44	4	0	1.10	3.50	1.10	1	540	594	0	3	0	63	0	0	0	657	22	565	0	0	
Vehicles	5,412	168	11	2					5,596	5,811	0	7	0	147	0	0	0	5,958	235	5,838	0	0	
Persons	5,412	336	36	24																			

HOV Restricted

	5 Hour (7:00 AM - 9:00 AM)		Peak Hour (8:30 AM - 9:00 AM)	
	9:00 AM	7:30 AM	9:00 AM	8:30 AM
Highway Passengers	5,958	2,665	1,267	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	5,811	2,623	1,246	0
Autos and Motorcycles	5,596	2,549	1,215	0
Average Auto Occupancy (Includes Motorcycles)	1.04	1.03	1.03	1.03

ALXD AM
 Northbound U.S. 1 (S. Patrick Street - 200 block) south of Duke Street
 Facility Total
 HOV Restriction Period 7:00 AM - 9:00 AM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Auto Occ.	3+Autos+ Motor-cycles (MC)	Van-pools	Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail		
	1	2	3+	Van-pools	Auto Occ.	Auto Occ.						Riders	Transit	Other	Trans	Other	+ Bus Pass.	Riders	Trucks	Metro	Comm.					
5:00 - 5:30	389	15	0	0	1.04	0.00	0	404	419	0	0	0	0	0	0	0	0	0	0	419	18	422	0	0	0	0
5:30 - 6:00	624	28	0	1	1.06	12.00	2	655	694	0	0	0	0	0	0	0	0	0	0	694	17	672	0	88	0	88
6:00 - 6:30	739	110	6	0	1.15	3.33	2	857	981	0	2	0	72	1,053	23	882	0	149	1,053	23	882	0	149	0	149	
6:30 - 7:00	672	162	5	0	1.21	3.00	1	840	1,012	0	3	0	93	1,105	23	866	0	166	1,105	23	866	0	166	0	166	
7:00 - 7:30	619	198	4	0	1.25	3.25	2	823	1,030	0	2	0	72	1,102	17	842	0	179	1,102	17	842	0	179	0	179	
7:30 - 8:00	746	90	4	1	1.13	4.80	1	842	951	0	1	0	21	972	25	868	0	169	972	25	868	0	169	0	169	
8:00 - 8:30	830	84	1	0	1.09	3.00	3	918	1,004	0	0	0	0	1,004	30	948	0	83	1,004	30	948	0	83	0	83	
8:30 - 9:00	642	88	4	0	1.13	3.25	0	734	831	0	1	0	21	852	30	765	0	0	852	30	765	0	0	0	0	
9:00 - 9:30	744	83	1	0	1.10	3.00	1	829	914	0	1	0	21	935	52	882	0	0	935	52	882	0	0	0	0	
9:30 - 10:00	783	83	5	0	1.11	3.40	1	872	967	0	3	0	63	1,030	25	900	0	0	1,030	25	900	0	0	0	0	
Vehicles	6,788	941	30	2			13	7,774	8,803	13	0	13	0	363	260	8,047	0	834	9,166	260	8,047	0	834	0	834	
Persons	6,788	1,862	96	24																						

	HOV Restricted	
	5 Hour (7:00 AM - 9:00 AM)	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	9,166	3,930
Rail Passengers	834	431
Auto and Motorcycle Passengers	8,803	3,816
Autos and Motorcycles	7,774	3,317
Average Auto Occupancy (Includes Motorcycles)	1.13	1.15
		1.23

APPENDIX B

P.M. HOV OCCUPANCY / CLASSIFICATION COUNTS

DRAFT

DRAFT

I-395 A
 I-395 South at Boundary Channel Drive
 Facility Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Bus Passengers		Total Auto Passengers + MC		Total Rail Metro Comm.			
	Autos	Autos	Autos	Autos	Transit	Other				Riders	Other	Trucks	Vehicles						
3:00 - 3:30	1,582	291	47	9	1.26	4.64	18	1.947	2,442	0	10	0	350	2,792	42	1,999	1,104	0	
3:30 - 4:00	2,579	631	88	40	1.38	6.02	27	3,365	4,638	0	17	0	595	5,233	47	3,429	1,299	0	
4:00 - 4:30	3,122	692	451	38	1.48	3.84	49	4,352	6,434	0	34	0	1,190	7,624	62	4,448	2,150	0	
4:30 - 5:00	3,398	798	578	46	1.52	3.76	41	4,861	7,362	0	27	0	945	8,327	63	4,951	2,303	0	
5:00 - 5:30	3,239	1,043	817	19	1.58	3.28	38	5,156	8,102	0	48	0	1,680	9,782	43	5,247	2,968	0	
5:30 - 6:00	3,568	1,046	806	14	1.53	3.25	38	5,472	8,360	0	36	0	1,260	9,620	27	5,535	2,459	0	
6:00 - 6:30	3,971	1,178	179	1	1.29	3.19	12	5,341	6,913	0	29	0	1,015	7,928	31	5,401	2,221	0	
6:30 - 7:00	3,493	694	82	6	1.22	3.80	9	4,284	5,224	0	22	0	770	5,994	24	4,330	1,235	0	
7:00 - 7:30	2,904	558	53	3	1.20	3.88	13	3,531	4,250	0	13	0	455	4,705	17	3,561	981	0	
7:30 - 8:00	2,523	471	40	1	1.19	3.59	8	3,043	3,620	0	8	0	280	3,900	18	3,069	431	0	
Vehicles	30,379	7,402	3,141	177			253	41,352	57,365	0	244	0	8,540	65,905	374	41,970	17,151	0	
Persons	30,379	14,804	9,805	2,124															

HOV Restricted

	5 Hour (3:30 PM - 6:00 PM)		Peak Hour (5:00 PM - 6:00 PM)	
	6:00 PM	5:00 PM	6:00 PM	5:00 PM
Highway Passengers	65,905	40,586	19,402	5,427
Rail Passengers	17,151	11,179	5,427	16,462
Auto and Motorcycle Passengers	57,365	34,916	10,628	10,628
Auto and Motorcycles	41,352	23,206	10,628	10,628
Average Auto Occupancy (Includes Motorcycles)	1.39	1.50	1.50	1.55

I-395 A

I-395 South at Boundary Channel Drive

HOV Total

HOV Restriction Period 3:30 PM - 6:00 PM

Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Vehicles	Rail Metro Comm.
	1 Autos	2 Autos	3+ Autos	Van-pools	Avg. Auto Occ.	Motor-cycles (MC)						Riders	Transit	Other	Other	+ Bus Pass.	Trucks		
3:00 - 3:30	685	74	11	9	1.26	7.20	15	774	972	0	8	0	232	1,204	14	796	1,385	0	
3:30 - 4:00	546	193	35	30	1.74	7.23	22	826	1,424	0	11	0	319	1,743	6	843	2,098	0	
4:00 - 4:30	345	204	365	29	2.37	3.75	35	978	2,266	0	20	0	580	2,846	8	1,006	2,593	0	
4:30 - 5:00	167	314	510	45	2.80	3.80	29	1,065	2,931	0	17	0	493	3,424	8	1,090	3,259	0	
5:00 - 5:30	119	359	741	13	2.63	3.18	24	1,256	3,258	0	33	0	957	4,215	12	1,301	3,957	0	
5:30 - 6:00	229	330	725	7	2.47	3.14	23	1,314	3,211	0	25	0	725	3,936	3	1,342	4,226	0	
6:00 - 6:30	860	509	78	0	1.46	3.05	3	1,450	2,119	0	14	0	406	2,525	10	1,474	3,030	0	
6:30 - 7:00	1,069	164	14	0	1.15	3.00	4	1,251	1,443	0	8	0	232	1,675	13	1,272	1,475	0	
7:00 - 7:30	824	137	3	0	1.15	3.33	1	965	1,109	0	9	0	261	1,370	5	979	1,184	0	
7:30 - 8:00	826	65	1	0	1.08	3.00	2	894	961	0	6	0	174	1,135	7	907	2,128	0	
Vehicles	5,650	2,349	2,483	133			158	10,773	19,694	0	151	0	4,379	24,073	86	11,010	25,335	0	
Persons	5,650	4,698	7,592	1,596															

HOV Restricted

Period	Peak Hour
5 Hour (3:30 PM - 6:00 PM)	8,151
6:00 PM - 6:00 PM	8,133

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

24,073	16,164	8,151
25,335	16,133	8,133
19,694	13,090	6,469
10,773	5,439	2,570
1.83	2.41	2.52

I-395 A
 I-395 South at Boundary Channel Drive
 Conventional Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Fall, 1998

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+ Autos + Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail Vehicles to Comm.			
	Autos	Autos	Autos	Autos	Van-pools	Auto Occ.				Van-pools	Auto Occ.	Trans	Other		Bus Pass.	Riders	Trucks
3:00 - 3:30	917	217	36	0	1.25	3.22	3	1,173	1,470	0	2	0	70	1,540	28	1,203	0
3:30 - 4:00	2,033	438	53	10	1.27	4.76	5	2,539	3,214	0	6	0	210	3,424	41	2,586	0
4:00 - 4:30	2,777	488	86	9	1.24	4.22	14	3,374	4,168	0	14	0	490	4,658	54	3,442	0
4:30 - 5:00	3,231	484	68	1	1.17	3.48	12	3,796	4,451	0	10	0	350	4,801	55	3,861	0
5:00 - 5:30	3,120	684	76	6	1.24	4.17	14	3,900	4,844	0	15	0	525	5,369	31	3,946	0
5:30 - 6:00	3,339	716	81	7	1.24	4.13	15	4,158	5,149	0	11	0	385	5,534	24	4,193	0
6:00 - 6:30	3,111	669	101	1	1.23	3.29	9	3,891	4,784	0	15	0	525	5,319	21	3,927	0
6:30 - 7:00	2,424	530	68	6	1.25	3.95	5	3,033	3,781	0	14	0	490	4,271	11	3,058	0
7:00 - 7:30	2,080	421	50	3	1.23	3.91	12	2,566	3,141	0	4	0	140	3,281	12	2,582	0
7:30 - 8:00	1,697	406	39	1	1.24	3.60	6	2,149	2,659	0	2	0	70	2,729	11	2,162	0
Vehicles	24,729	5,053	658	44			95	30,579	37,671	0	93	0	3,255	40,926	288	30,960	0
Persons	24,729	10,106	2,213	528													

	HOV Restricted		Peak Hour
	Period	Period	
Highway Passengers	5 Hour (3:30 PM - 6:00 PM)	5 Hour (5:00 PM - 6:00 PM)	10,903
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	37,671	21,826	9,993
Auto and Motorcycles	30,579	17,767	8,058
Average Auto Occupancy (Includes Motorcycles)	1.23	1.23	1.24

I-395 B
 I-395 Between Arlington Ridge Road and Va. 120 (S. Glebe Rd.)
 HOV Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools		3+ Autos + Motor-cycles		Avg. Van-pools		Motor-cycles		Total Auto Persons + MC		Total Auto Passengers + MC		Total Rail		
	Autos	Autos	Autos	Autos	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.	Auto Occ.				
3:00 - 3:30	1,401	237	36	3	1.21	3.92	26	1,703	2,054	4	7	95	203	2,352	15	1,729	667	0	0	0	
3:30 - 4:00	498	77	448	20	2.20	3.50	36	1,079	2,328	11	18	149	522	2,999	5	1,113	1,222	0	0	0	
4:00 - 4:30	101	434	681	39	2.95	3.80	67	1,322	3,771	25	41	450	1,189	5,410	2	1,390	1,531	0	0	0	
4:30 - 5:00	53	210	1,000	41	3.10	3.43	58	1,362	4,099	40	31	647	899	5,645	7	1,440	2,025	0	0	0	
5:00 - 5:30	40	132	1,202	16	3.12	3.31	54	1,444	4,388	41	22	706	638	5,732	4	1,511	3,057	0	0	0	
5:30 - 6:00	108	318	865	13	3.06	3.70	70	1,374	4,059	45	18	935	522	5,516	9	1,446	3,723	0	0	0	
6:00 - 6:30	1,555	184	51	2	1.17	3.38	21	1,813	2,123	36	19	730	551	3,404	9	1,877	2,594	0	0	0	
6:30 - 7:00	1,515	59	8	2	1.06	5.30	23	1,607	1,709	29	13	543	377	2,629	14	1,663	1,915	0	0	0	
7:00 - 7:30	1,322	57	7	0	1.05	3.00	53	1,439	1,510	12	7	186	203	1,899	6	1,484	1,061	0	0	0	
7:30 - 8:00	1,384	3	0	1	1.01	0.00	3	1,391	1,405	6	2	82	58	1,545	0	1,399	477	0	0	0	
Vehicles	7,977	1,711	4,298	137			411	14,534			249	178	4,523	5,162	71	15,032	18,272	0	0	0	
Persons	7,977	3,422	13,992	1,644				27,446						37,131							

	HOV Restricted		Peak Hour	
	5 Hour	Period	3:30 PM - 6:00 PM	4:30 PM - 5:00 PM
Highway Passengers	37,131	25,302	11,055	
Rail Passengers	18,272	11,558	3,558	
Auto and Motorcycle Passengers	27,446	18,645	7,870	
Autos and Motorcycles	14,534	6,581	2,681	
Average Auto Occupancy (Includes Motorcycles)	1.89	2.83	2.93	

I-395 B
 I-395 South at Glebe Road
 Conventional Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail Comm.					
	Autos	Autos	Autos	Autos	Van-pools	Motor-cycles				Riders	Persons	Trans	Other	Trucks	Vehicles	Metro	Comm.		
3:00 - 3:30	1,624	325	59	10	1.29	4.75	65	2,083	2,667	0	13	0	455	3,122	64	2,160	0	0	
3:30 - 4:00	2,525	474	71	5	1.22	3.74	9	3,084	3,766	0	6	0	210	3,976	54	3,144	0	0	
4:00 - 4:30	2,491	396	36	1	1.17	3.54	25	2,949	3,439	0	14	0	490	3,929	52	3,015	0	0	
4:30 - 5:00	2,668	409	21	4	1.16	4.60	3	3,105	3,604	0	16	0	560	4,164	28	3,149	0	0	
5:00 - 5:30	2,355	374	18	2	1.16	3.90	10	2,759	3,191	0	5	0	175	3,366	31	2,795	0	0	
5:30 - 6:00	2,387	500	38	6	1.22	4.41	10	2,941	3,591	0	5	0	175	3,766	19	2,965	0	0	
6:00 - 6:30	2,357	373	68	11	1.23	4.63	11	2,820	3,480	0	16	0	560	4,040	20	2,856	0	0	
6:30 - 7:00	2,053	411	52	1	1.21	3.45	6	2,523	3,064	0	5	0	175	3,239	27	2,555	0	0	
7:00 - 7:30	2,156	457	59	0	1.22	3.36	3	2,675	3,271	0	7	0	245	3,516	24	2,706	0	0	
7:30 - 8:00	1,984	430	41	2	1.22	3.65	28	2,485	3,029	0	10	0	350	3,379	15	2,510	0	0	
Vehicles	22,600	4,149	463	42			170	27,424	33,102	0	97	0	3,395	36,497	334	27,855	0	0	
Persons	22,600	8,298	1,530	504															

	HOV Restricted		
	5 Hour	Peak Hour Period (3:30 PM - 6:00 PM)	Peak Hour (4:00 PM - 5:00 PM)
Highway Passengers	36,497	19,201	8,083
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	33,102	17,591	7,043
Autos and Motorcycles	27,424	14,638	6,054
Average Auto Occupancy (includes Motorcycles)	1.21	1.19	1.16

I-395 C

I-395 south between Va 236 and Va 648 (@ Turkeycock Run)

HOV Total

HOV Restriction Period 3:30 PM - 6:00 PM

Spring, 2004

Time	Autos			Van-pools	3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ. (MC)	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Riders + Bus Pass.	Trucks	Vehicles	Rail Metro Comm.
	1	2	3+						Transit	Other	Trans	Other	Total	Total				
3:00 - 3:30	1,461	327	59	7	4.09	1.29	1,873	2,404	0	10	0	290	0	2,694	16	1,899	0	0
3:30 - 4:00	770	297	321	41	4.07	1.99	1,485	2,893	1	22	32	638	0	3,563	10	1,518	0	0
4:00 - 4:30	725	282	586	63	3.93	2.32	1,698	3,884	6	23	148	667	8	4,699	8	1,735	0	0
4:30 - 5:00	673	215	883	90	3.90	2.63	1,924	4,960	7	26	147	754	11	5,861	11	1,968	0	0
5:00 - 5:30	616	219	954	30	3.35	2.39	1,870	4,402	9	30	196	870	2	5,468	2	1,911	0	0
5:30 - 6:00	849	327	695	18	3.36	2.07	1,937	3,949	9	27	231	783	1	4,963	1	1,974	0	0
6:00 - 6:30	1,442	392	91	3	3.40	1.32	1,944	2,562	7	8	142	232	8	2,936	8	1,967	0	0
6:30 - 7:00	1,338	253	29	1	3.53	1.20	1,627	1,956	5	15	99	435	4	2,490	4	1,651	0	0
7:00 - 7:30	1,354	242	38	2	3.50	1.21	1,647	1,989	3	10	42	290	5	2,321	5	1,665	0	0
7:30 - 8:00	1,026	174	24	1	3.60	1.20	1,233	1,472	1	1	0	29	10	1,501	10	1,245	0	0
Vehicles	10,254	2,728	3,680	256			17,238	30,471	48	172	1,037	4,988	75	17,533	0	0	0	0
Persons	10,254	5,456	11,369	3,072										36,496				

HOV Restricted

	5 Hour		Peak Hour	
	(3:30 PM - 6:00 PM)	(5:00 PM - 6:00 PM)	(3:30 PM - 6:00 PM)	(5:00 PM - 6:00 PM)
Highway Passengers	36,496	24,554	10,431	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	30,471	20,088	8,351	0
Autos and Motorcycles	17,238	8,914	3,807	0
Average Auto Occupancy (Includes Motorcycles)	1.77	2.25	2.19	0

Includes Non-HOV traffic in HOV roadway between Turkeycock Run and the exit to Va. 644 West (Old Keene Mill Road)

i-395 C

I-395 south between Va 236 and Va 648 (@ Turkeycock Run)

Conventional Total

HOV Restriction Period 3:30 PM - 6:00 PM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Auto Passengers + MC	Total Vehicles	Rail Metro Comm.
	1	2	3+	Van-pools	Auto Occ.	Auto Occ.	Van-pools	Auto Occ.	Auto Occ.				Transit	Other	Other	Trans	Other	Riders + Bus Pass.			
3:00 - 3:30	1,988	199	10	1	1.11	3.91	2	2,200	2,431	0	2	0	0	0	0	2,431	82	2,284	0	0	
3:30 - 4:00	2,293	230	6	3	1.11	6.00	2	2,534	2,809	0	1	0	0	0	0	2,809	110	2,645	0	0	
4:00 - 4:30	2,213	164	6	2	1.09	6.13	8	2,393	2,598	0	5	0	0	0	0	2,598	83	2,481	0	0	
4:30 - 5:00	2,298	148	9	4	1.09	5.92	7	2,466	2,678	0	8	0	0	0	0	2,678	71	2,545	0	0	
5:00 - 5:30	2,619	145	12	1	1.07	3.77	6	2,783	2,964	0	2	0	0	0	0	2,964	51	2,836	0	0	
5:30 - 6:00	2,210	292	11	0	1.13	3.45	4	2,517	2,836	0	2	0	0	0	0	2,836	47	2,566	0	0	
6:00 - 6:30	2,137	387	13	0	1.17	3.46	7	2,544	2,963	0	4	0	0	0	0	2,963	28	2,576	0	0	
6:30 - 7:00	1,671	309	18	2	1.19	4.35	6	2,006	2,382	0	9	0	0	0	0	2,382	27	2,042	0	0	
7:00 - 7:30	1,800	346	13	3	1.19	5.25	6	2,168	2,582	0	12	0	0	0	0	2,582	31	2,211	0	0	
7:30 - 8:00	1,659	299	17	2	1.18	3.95	7	1,994	2,339	0	12	0	0	0	0	2,339	32	2,028	0	0	
Vehicles	20,888	2,519	115	18			55	23,595	26,582	0	57	0	0	0	0	26,582	562	24,214	0	0	
Persons	20,888	5,038	385	216																	

HOV Restricted

5 Hour	Period		Peak Hour
	(3:30 PM - 6:00 PM)	(5:00 PM - 6:00 PM)	
26,582	13,885	5,800	
0	0	0	
26,582	13,885	5,800	
23,595	12,693	5,300	
1.13	1.09	1.09	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-95 A
 I-95 South between VA 7900 and Newington
 Facility Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools cycles (MC)	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail		
	Autos	Autos	Autos	Autos	Auto Occ.	Van-pools				Autos + MC	Riders	Other	Trans	Other	Trucks	Vehicles
3:00 - 3:30	3,351	542	93	6	1.20	3.73	13	4,005	4,817	0	11	0	203	280	4,296	0
3:30 - 4:00	1,790	550	283	46	1.63	4.40	35	2,704	4,373	0	18	0	522	172	2,894	0
4:00 - 4:30	1,255	420	612	65	2.02	3.93	36	2,388	4,789	3	26	70	725	81	2,498	0
4:30 - 5:00	1,186	443	752	83	2.17	3.94	29	2,493	5,387	2	21	37	609	95	2,611	0
5:00 - 5:30	1,462	384	855	64	2.03	3.67	33	2,798	5,639	2	22	33	609	153	2,975	0
5:30 - 6:00	1,908	563	721	20	1.74	3.45	28	3,238	5,617	3	27	52	725	171	3,439	0
6:00 - 6:30	2,832	811	172	8	1.34	3.66	7	3,830	5,119	2	12	34	261	197	4,041	0
6:30 - 7:00	2,977	696	100	5	1.26	3.70	6	3,784	4,763	1	14	27	406	347	4,146	0
7:00 - 7:30	2,378	541	38	3	1.22	3.80	9	2,969	3,625	2	9	17	174	185	3,165	0
7:30 - 8:00	1,839	442	18	1	1.21	3.68	1	2,301	2,794	0	6	0	87	156	2,463	0
Vehicles	20,978	5,392	3,644	301			195	30,510	46,923	15	166	270	4,321	1,837	32,528	0
Persons	20,978	10,784	11,354	3,612												51,514

HOV Restricted

	5 Hour	Peak Hour	
		Period (3:30 PM - 6:00 PM)	Period (5:00 PM - 6:00 PM)
Highway Passengers	51,514	29,187	12,675
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	46,923	25,805	11,256
Autos and Motorcycles	30,510	13,621	6,038
Average Auto Occupancy (Includes Motorcycles)	1.54	1.89	1.98

I-95 A
 I-95 South between VA 7900 and Newington
 HOV Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ cycles (MC)	Motor- cycles (MC)	Total Auto Persons + MC		Bus Passengers + MC		Total Rail Vehicles	Rail Metro Comm.	
	Autos	Autos	Autos	Autos	Transit	Other					Riders	Transit	Other	Trans			Other
3:00 - 3:30	1,471	310	86	4	1.29	3.57	11	1,882	2,423	0	7	0	203	2,626	22	1,911	0
3:30 - 4:00	272	256	267	46	2.59	4.46	35	876	2,214	0	18	0	522	2,736	12	906	0
4:00 - 4:30	194	203	600	64	3.02	3.93	36	1,097	3,244	3	25	70	725	4,039	10	1,135	0
4:30 - 5:00	227	224	746	83	3.08	3.94	29	1,309	3,971	2	21	37	609	4,617	12	1,344	0
5:00 - 5:30	242	173	842	64	2.97	3.68	32	1,353	3,953	2	21	33	609	4,595	14	1,390	0
5:30 - 6:00	670	299	688	19	2.20	3.43	26	1,702	3,721	3	25	52	725	4,498	2	1,732	0
6:00 - 6:30	1,440	303	146	7	1.38	3.70	7	1,903	2,619	2	9	34	261	2,914	5	1,919	0
6:30 - 7:00	1,431	252	59	3	1.24	3.63	3	1,748	2,163	1	14	27	406	2,596	8	1,771	0
7:00 - 7:30	1,376	264	27	1	1.20	3.46	8	1,676	2,009	2	6	17	174	2,200	30	1,714	0
7:30 - 8:00	1,034	182	14	1	1.18	3.67	1	1,232	1,454	0	3	0	87	1,541	21	1,256	0
Vehicles	8,357	2,466	3,475	292			188	14,778	27,771	15	149	270	4,321	32,362	136	15,078	0
Persons	8,357	4,932	10,790	3,504													0

DRAFT

	HOV Restricted	
	Period	Peak Hour
5 Hour	3:30 PM - 6:00 PM	6:00 PM - 6:00 PM
	32,362	20,485
Highway Passengers	0	9,083
Rail Passengers	0	0
Auto and Motorcycle Passengers	27,771	17,103
Autos and Motorcycles	14,778	6,357
Average Auto Occupancy (Includes Motorcycles)	1.88	2.70
		2.51

I-95 A
 I-95 South between VA 7900 and Newington
 Conventional Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	Avg. Van-pools cycles	3+Autos+ Motor-cycles		Total Autos + MC	Bus Passengers			Total Auto Passengers + MC	Total Rail Metro Comm.				
	1	2	3+				Auto Occ.	Auto Occ.		(MC)	Transit	Other			Trucks	Riders + Bus Pass.	Vehicles	
3:00 - 3:30	1,880	232	7	2	1.13	5.33	2	2,123	2,394	0	4	0	120	2,514	258	2,385	0	0
3:30 - 4:00	1,518	294	16	0	1.18	3.31	0	1,828	2,159	0	0	0	0	2,159	160	1,988	0	0
4:00 - 4:30	1,061	217	12	1	1.20	3.85	0	1,291	1,545	0	1	0	30	1,575	71	1,363	0	0
4:30 - 5:00	959	219	6	0	1.20	3.17	0	1,184	1,416	0	0	0	0	1,416	83	1,267	0	0
5:00 - 5:30	1,220	211	13	0	1.17	3.31	1	1,445	1,686	0	1	0	30	1,716	139	1,585	0	0
5:30 - 6:00	1,238	264	33	1	1.23	3.82	0	1,536	1,896	0	2	0	60	1,956	169	1,707	0	0
6:00 - 6:30	1,392	508	26	1	1.30	3.41	0	1,927	2,500	0	3	0	90	2,590	192	2,122	0	0
6:30 - 7:00	1,546	444	41	2	1.28	3.79	3	2,036	2,600	0	0	0	0	2,600	339	2,375	0	0
7:00 - 7:30	1,002	277	11	2	1.25	4.54	1	1,293	1,616	0	3	0	90	1,706	155	1,451	0	0
7:30 - 8:00	805	260	4	0	1.25	3.75	0	1,069	1,340	0	3	0	90	1,430	135	1,207	0	0
Vehicles	12,621	2,926	169	9			7	15,732	19,152	0	17	0	510	19,662	1,701	17,450	0	0
Persons	12,621	5,852	564	108														

HOV Restricted

	5 Hour	Period		Peak Hour
		(3:30 PM - 6:00 PM)	(5:00 PM - 6:00 PM)	
Highway Passengers	19,662	8,822	3,672	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	19,152	8,702	3,582	
Autos and Motorcycles	15,732	7,284	2,981	
Average Auto Occupancy (Includes Motorcycles)	1.22	1.19	1.20	

I-95 B
 I-95 South at Dumfries
 Facility Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	Avg. Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Bus Passengers			Total Auto Passengers + MC		Rail		
	1	2	3+					Auto Occ.	Van-pools	Trans	Other	Trucks	Bus Pass.	Riders		Total Vehicles	Metro Comm.
3:00 - 3:30	1,862	332	78	6	1.24	3.69	9	2,287	2,845	0	8	0	244	3,089	244	2,539	0
3:30 - 4:00	2,015	310	140	13	1.30	3.86	15	2,493	3,240	0	23	0	679	3,919	193	2,709	0
4:00 - 4:30	1,745	240	131	23	1.37	4.53	19	2,158	2,941	0	5	0	145	3,086	185	2,348	0
4:30 - 5:00	1,777	222	159	31	1.41	4.53	14	2,203	3,096	0	10	0	296	3,392	168	2,381	0
5:00 - 5:30	1,861	207	192	29	1.41	4.29	20	2,309	3,244	0	8	0	238	3,482	158	2,475	0
5:30 - 6:00	1,576	204	222	4	1.35	3.22	11	2,017	2,722	0	5	0	157	2,879	119	2,141	0
6:00 - 6:30	1,438	226	141	0	1.28	3.04	6	1,811	2,325	0	5	0	151	2,476	168	1,984	0
6:30 - 7:00	1,857	312	101	3	1.25	3.38	2	2,275	2,835	0	0	0	0	2,835	153	2,428	0
7:00 - 7:30	1,778	361	29	5	1.22	4.59	7	2,180	2,683	0	9	0	267	2,930	179	2,368	0
7:30 - 8:00	1,413	155	7	1	1.11	4.25	2	1,578	1,759	0	1	0	35	1,794	166	1,745	0
Vehicles	17,322	2,569	1,200	115			105	21,311	27,670	0	74	0	2,212	29,882	1,733	23,118	0
Persons	17,322	5,138	3,725	1,380													0

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	29,882	16,758	7,005
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	27,670	15,243	6,181
Auto and Motorcycles	21,311	11,180	4,651
Average Auto Occupancy (Includes Motorcycles)	1.30	1.36	1.33

I-95 B
I-95 South at Dumfries

HOV Total
HOV Restriction Period 3:30 PM - 6:00 PM
Spring, 2004

Time	1		2		3+		Van-pools Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Auto Passengers + MC			Rail	
	Autos	Autos	Autos	Autos	Transit	Other					Other	Trans	Other	Riders	Trucks	Trucks	Trucks	Metro	Comm.		
3:00 - 3:30	266	36	68	2	1.53	3.30	3	375	572	0	6	0	174	746	0	381	0	0			
3:30 - 4:00	59	1	131	10	2.91	3.72	7	208	592	0	21	0	609	1,201	0	229	0	0			
4:00 - 4:30	84	22	122	21	3.10	4.50	13	262	784	0	5	0	145	929	0	267	0	0			
4:30 - 5:00	120	18	139	31	3.09	4.68	6	314	958	0	9	0	261	1,219	1	324	0	0			
5:00 - 5:30	54	12	185	28	3.56	4.30	13	292	1,006	0	7	0	203	1,209	0	299	0	0			
5:30 - 6:00	19	11	214	3	2.95	3.17	4	251	732	0	3	0	87	819	0	254	0	0			
6:00 - 6:30	109	89	132	0	2.08	3.02	1	331	687	0	4	0	116	803	0	335	0	0			
6:30 - 7:00	295	51	88	0	1.53	3.06	1	435	667	0	0	0	0	667	2	437	0	0			
7:00 - 7:30	401	89	6	4	1.29	6.60	2	502	647	0	8	0	232	879	0	510	0	0			
7:30 - 8:00	322	57	2	0	1.16	3.00	1	382	443	0	0	0	0	443	11	393	0	0			
Vehicles	1,729	386	1,087	99			51	3,352	7,088	0	63	0	1,827	8,915	14	3,429	0	0			
Persons	1,729	772	3,348	1,188																	

HOV Restricted

5 Hour Period	Peak Hour	
	3:30 PM - 6:00 PM	3:30 PM - 4:30 PM
8,915	5,377	2,130
0	0	0
7,088	4,072	1,376
3,352	1,327	470
2.11	3.07	2.93

Highway Passengers
Rail Passengers
Auto and Motorcycle Passengers
Autos and Motorcycles
Average Auto Occupancy
(Includes Motorcycles)

I-95 B

I-95 South at Dumfries
 Conventional Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Fall, 1998

Time	Autos			Van- pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor- cycles (MC)	Total Auto Persons + MC		Buses			Bus Passengers			Total Auto Passengers + MC			Total Vehicles	Rail Metro Comm.
	1	2	3+				Van-pools + MC	Riders	Transit	Other	Trans	Other	Riders	Trucks	Other	Riders	Trucks		
3:00 - 3:30	1,596	296	10	4	1.19	5.64	6	1,912	2,273	0	2	0	0	70	2,343	244	2,158	0	0
3:30 - 4:00	1,956	309	9	3	1.16	5.50	8	2,285	2,648	0	2	0	0	70	2,718	193	2,480	0	0
4:00 - 4:30	1,661	218	9	2	1.14	4.91	6	1,896	2,157	0	0	0	0	0	2,157	185	2,081	0	0
4:30 - 5:00	1,657	204	20	0	1.13	3.25	8	1,889	2,138	0	1	0	0	35	2,173	167	2,057	0	0
5:00 - 5:30	1,807	195	7	1	1.11	4.25	7	2,017	2,238	0	1	0	0	35	2,273	158	2,176	0	0
5:30 - 6:00	1,557	193	8	1	1.13	4.44	7	1,766	1,990	0	2	0	0	70	2,060	119	1,887	0	0
6:00 - 6:30	1,329	137	9	0	1.11	3.33	5	1,480	1,638	0	1	0	0	35	1,673	168	1,649	0	0
6:30 - 7:00	1,562	261	13	3	1.18	5.19	1	1,840	2,168	0	0	0	0	0	2,168	151	1,991	0	0
7:00 - 7:30	1,377	272	23	1	1.20	3.75	5	1,678	2,016	0	1	0	0	35	2,051	179	1,858	0	0
7:30 - 8:00	1,091	98	5	1	1.10	4.67	1	1,196	1,316	0	1	0	0	35	1,351	155	1,352	0	0
Vehicles	15,593	2,183	113	16			54	17,959	20,582	0	11	0	0	385	20,967	1,719	19,689	0	0
Persons	15,593	4,366	377	192															

HOV Restricted

	5 Hour (3:30 PM - 6:00 PM)		Peak Hour (3:30 PM - 4:30 PM)	
	8:00 PM	11:381	4,875	1.15
Highway Passengers	20,967	11,381	4,875	1.15
Rail Passengers	0	0	0	1.13
Auto and Motorcycle Passengers	20,582	11,171	4,805	1.13
Auto and Motorcycle Passengers	17,959	9,853	4,181	1.15
Average Auto Occupancy (Includes Motorcycles)	1.15	1.13	1.15	

I-66 A
 I-66 West crossing the Theodore Roosevelt Bridge
 Facility Total
 No HOV Restrictions at this location
 Spring, 2004

Time	1			2			3+			Van-pools	Avg. Van-pools Auto Occ. (MC)	3+Autos+ Motor-cycles Auto Occ. (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses Transit	Other	Bus Passengers			Total Vehicles	Rail Metro Comm.		
	Autos	Autos	Autos	Autos	Autos	Autos	Trans	Other	+ Bus Pass.								Trucks	Other	+ MC Riders				
3:00 - 3:30	1,131	383	24	4	1.31	4.50	4	1,546	2,027	0	1	0	0	0	0	0	0	0	2,027	1	1,548	0	0
3:30 - 4:00	1,368	410	24	0	1.26	3.25	6	1,808	2,272	0	1	0	0	0	0	0	0	0	2,272	3	1,812	0	0
4:00 - 4:30	1,378	522	56	8	1.37	4.28	10	1,974	2,706	0	0	0	0	0	0	0	0	0	2,706	4	1,978	0	0
4:30 - 5:00	1,533	658	67	5	1.38	3.90	14	2,277	3,144	0	0	0	0	0	0	0	0	0	3,144	7	2,284	0	0
5:00 - 5:30	1,479	615	53	2	1.35	3.65	12	2,161	2,922	0	1	0	0	0	0	0	0	0	2,922	3	2,165	0	0
5:30 - 6:00	1,818	694	77	5	1.36	3.82	11	2,605	3,530	0	1	0	0	0	0	0	0	0	3,530	4	2,610	0	0
6:00 - 6:30	2,162	694	55	3	1.29	3.76	11	2,925	3,779	0	2	0	0	0	0	0	0	0	3,779	2	2,929	0	0
6:30 - 7:00	2,419	555	25	2	1.21	4.00	6	3,007	3,643	0	0	0	0	0	0	0	0	0	3,643	2	3,009	0	0
7:00 - 7:30	1,843	422	43	0	1.23	3.53	9	2,317	2,848	0	0	0	0	0	0	0	0	0	2,848	0	2,317	0	0
7:30 - 8:00	1,546	441	32	1	1.26	3.55	4	2,024	2,549	0	0	0	0	0	0	0	0	0	2,549	0	2,024	0	0
Vehicles	16,677	5,394	456	30			87	22,644			0	6							29,420	26	22,676	0	0
Persons	16,677	10,788	1,508	360																			

Peak Hour
 (6:00 PM -
 * 7:00 PM)

5 Hour
 29,420
 0
 29,420
 22,644
 1.30

Highway Passengers
 Rail Passengers
 Auto and Motorcycle Passengers
 Autos and Motorcycles
 Average Auto Occupancy
 (Includes Motorcycles)

I-66 B
 I-66 west at Spout Run Parkway
 Facility Total
 HOV Restriction Period 4:00 PM - 6:30 PM
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	Avg. Auto Occ.	3+ Autos + Van-pools	Motorcycles (MC)	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Vehicles	Rail Metro Comm.
	1	2	3+								Transit	Other	Trans	Other	+ Bus Pass.	Trucks		
3:00 - 3:30	826	455	61	2	1.46	3.67	9	1,353	1,976	0	7	0	238	2,214	3	1,363	0	0
3:30 - 4:00	814	474	52	7	1.50	4.32	5	1,352	2,022	0	8	0	272	2,294	0	1,360	0	0
4:00 - 4:30	430	701	81	14	1.84	4.48	25	1,251	2,283	1	10	29	340	2,652	3	1,265	0	0
4:30 - 5:00	431	847	100	25	1.96	4.98	40	1,443	2,787	1	16	26	544	3,357	0	1,460	0	0
5:00 - 5:30	485	878	90	10	1.82	4.20	31	1,494	2,692	2	16	70	544	3,306	3	1,515	0	0
5:30 - 6:00	206	947	108	2	1.94	3.21	23	1,286	2,476	1	18	30	612	3,118	4	1,309	0	0
6:00 - 6:30	628	653	66	2	1.61	3.49	31	1,380	2,202	1	4	10	136	2,348	0	1,385	0	0
6:30 - 7:00	1,079	491	31	2	1.37	3.88	8	1,611	2,197	1	6	16	204	2,417	3	1,621	0	0
7:00 - 7:30	908	286	24	1	1.29	3.68	6	1,225	1,578	0	4	0	136	1,714	1	1,230	0	0
7:30 - 8:00	861	251	11	2	1.26	4.54	3	1,128	1,425	0	3	0	102	1,527	1	1,132	0	0
Vehicles	6,668	5,983	624	67			181	13,523	21,638	7	92	181	3,128	24,947	18	13,640	0	0
Persons	6,668	11,966	2,019	804														

HOV Restricted

5 Hour Period	Peak Hour	
	(4:00 PM - 6:30 PM)	(4:30 PM - 5:30 PM)
Highway Passengers	24,947	14,781
Rail Passengers	0	0
Auto and Motorcycle Passengers	21,638	12,440
Autos and Motorcycles	13,523	6,854
Average Auto Occupancy (Includes Motorcy)	1.60	1.81

6,663
 0
 5,479
 2,937
 1.87

I-66 C
 I-66 west between Sycamore Street and Fairfax Drive
 Facility Total
 HOV Restriction Period 4:00 PM - 6:30 PM
 Spring, 2004

Time	1			2			3+			Van-pools	3+Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Avg. Auto Occ.	Total Autos + MC			Total Auto Persons + MC			Total Auto Passengers + MC			Trucks	Vehicles	Rail	Metro Comm.
	Autos	Autos	Autos	Van-pools	Van-pools	Van-pools	Van-pools	Van-pools	Van-pools					Van-pools	Van-pools	Van-pools	Van-pools	Van-pools	Van-pools	Van-pools	Van-pools	Van-pools				
3:00 - 3:30	1,388	389	29	3	1.27	4.00	3	1,812	2,297	2,297	2	0	13	0	2,310	0	1,814	0	0	0	0	0	0	0	0	
3:30 - 4:00	1,447	587	30	5	1.34	4.40	6	2,075	2,781	2,781	3	0	62	0	2,843	4	2,082	0	0	0	0	0	0	0	0	
4:00 - 4:30	840	837	44	18	1.65	5.69	41	1,780	2,908	2,908	4	1	65	31	3,004	1	1,786	0	0	0	0	0	0	0	0	
4:30 - 5:00	505	851	75	15	1.82	4.66	39	1,485	2,665	2,665	3	2	88	62	2,815	4	1,494	0	0	0	0	0	0	0	0	
5:00 - 5:30	412	914	78	9	1.84	4.10	41	1,454	2,638	2,638	1	2	35	62	2,735	0	1,457	0	0	0	0	0	0	0	0	
5:30 - 6:00	651	1,201	56	2	1.70	3.34	33	1,943	3,280	3,280	4	3	66	93	3,439	8	1,958	0	0	0	0	0	0	0	0	
6:00 - 6:30	887	941	32	3	1.56	3.86	27	1,890	2,931	2,931	3	2	60	62	3,053	2	1,897	0	0	0	0	0	0	0	0	
6:30 - 7:00	1,203	478	40	2	1.34	3.62	7	1,730	2,318	2,318	3	0	34	0	2,352	2	1,735	0	0	0	0	0	0	0	0	
7:00 - 7:30	1,216	390	51	2	1.32	3.57	7	1,666	2,192	2,192	0	2	0	0	2,192	2	1,670	0	0	0	0	0	0	0	0	
7:30 - 8:00	959	363	50	3	1.37	3.79	10	1,385	1,896	1,896	1	0	7	0	1,903	2	1,388	0	0	0	0	0	0	0	0	
Vehicles	9,508	6,951	485	62			214	17,220	25,906	25,906	24	12	430	310	26,646	25	17,281	0	0	0	0	0	0	0	0	
Persons	9,508	13,902	1,538	744																						

HOV Restricted

5 Hour	Period		Peak Hour
	(4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	
Highway Passengers	26,646	15,046	6,482
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	25,906	14,422	6,211
Autos and Motorcycles	17,220	8,552	3,833
Average Auto Occupancy (Includes Motorcycles)	1.50	1.69	1.62

I-66 C Reverse
 I-66 east between Sycamore Street and Fairfax Drive
 Facility Total
 HOV Restriction Period 4:00 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+Autos+ Motorcycles (MC)			Avg. Van-pools Auto Occ.			Van-pools + MC			Total Autos + MC			Total Auto Passengers + MC			Total Rail										
	1	2	3+	1	2	3+	1	2	3+	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3					
3:00 - 3:30	1,032	438	18	1	1.33	3.58	2	1,491	1,978	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
3:30 - 4:00	1,124	387	34	4	1.32	4.00	1	1,550	2,051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:00 - 4:30	1,448	226	45	2	1.20	3.68	2	1,723	2,075	1	2	36	72	2,183	3	1,729	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:30 - 5:00	1,765	212	29	3	1.16	4.16	4	2,013	2,326	2	3	63	108	2,497	7	2,025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:00 - 5:30	1,947	224	39	2	1.15	3.78	4	2,216	2,554	1	3	32	108	2,694	2	2,222	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:30 - 6:00	1,355	263	28	1	1.20	3.38	1	1,648	1,980	2	2	58	72	2,110	0	1,652	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:00 - 6:30	1,235	226	18	0	1.18	3.17	3	1,482	1,747	1	3	23	108	1,878	0	1,486	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:30 - 7:00	1,503	281	49	0	1.21	3.27	6	1,839	2,231	0	26	0	936	3,167	0	1,865	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 - 7:30	1,527	323	52	1	1.24	3.58	2	1,905	2,365	0	11	0	396	2,761	2	1,918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 - 8:00	1,476	308	47	1	1.24	3.71	6	1,838	2,276	0	20	0	720	2,996	2	1,860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vehicles	14,412	2,888	359	15			31	17,705	21,583	7	70	212	2,520	24,315	22	17,804	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Persons	14,412	5,776	1,184	180																															

	HOV Restricted		
	5 Hour (4:00 PM - 6:30 PM)	Peak Hour (6:30 PM - 7:30 PM)	Peak Hour (6:30 PM - 7:30 PM)
Highway Passengers	24,315	12,346	5,928
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	21,583	10,838	4,586
Autos and Motorcycles	17,705	9,198	3,744
Average Auto Occupancy (Includes Motorcycles)	1.22	1.18	1.23

I-66 D
 I-66 West between Rt 7 and I-495
 Facility Total
 HOV Restriction Period 4:00 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools	Total Autos + MC			Total Auto Passengers + MC			Rail Metro Comm.
	1	2	3+	1	2	3+	Van-pools	Van-pools + MC	Auto Occ.				Auto Occ.	Auto Occ.	Transit	Other	Other	Trucks	
3:00 - 3:30	1,140	288	28	1	1.25	3.48	13	1,470	1,830	0	8	0	160	1,990	9	1,487	263	0	
3:30 - 4:00	959	411	24	2	1.35	3.92	7	1,403	1,890	0	0	0	0	1,890	14	1,417	306	0	
4:00 - 4:30	802	221	12	9	1.33	7.05	14	1,058	1,406	0	7	0	140	1,546	7	1,072	520	0	
4:30 - 5:00	467	792	12	14	1.76	7.92	54	1,339	2,311	0	5	0	100	2,411	1	1,345	765	0	
5:00 - 5:30	307	486	28	1	1.69	3.76	21	843	1,409	0	3	0	60	1,469	4	850	1,036	0	
5:30 - 6:00	271	551	24	4	1.76	4.50	13	863	1,512	0	2	0	40	1,552	6	871	1,078	0	
6:00 - 6:30	563	411	17	1	1.46	3.56	7	999	1,456	0	4	0	80	1,536	1	1,004	1,349	0	
6:30 - 7:00	1,075	156	6	1	1.15	4.43	9	1,247	1,427	0	7	0	140	1,567	3	1,257	713	0	
7:00 - 7:30	1,103	225	11	0	1.19	4.00	4	1,343	1,601	0	7	0	140	1,741	0	1,350	386	0	
7:30 - 8:00	1,089	228	5	1	1.19	4.67	3	1,326	1,576	0	3	0	60	1,636	1	1,330	278	0	
Vehicles	7,776	3,769	167	34			145	11,891	16,418	0	46	0	920	17,338	46	11,983	6,694	0	
Persons	7,776	7,538	551	408															

HOV Restricted

5 Hour Period	Peak Hour	
	(4:00 PM - 6:30 PM)	(4:00 PM - 5:00 PM)
Highway Passengers	17,338	8,514
Rail Passengers	6,694	4,748
Auto and Motorcycle Passengers	16,418	8,094
Auto and Motorcycle Passengers	11,891	5,102
Average Auto Occupancy (Includes Motorcycles)	1.38	1.59

I-66 E
I-66 West between VA 243 and I-495
Facility Total

HOV Restriction Period: 3:00 PM - 7:00 PM
Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	Motor-cycles (MC)	3+ Autos + Van-pools	Total Autos + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Total Rail	
	Autos	Autos	Autos	Autos	Van-pools	Motor-cycles (MC)					Riders	Transit	Other	Trans	Other	+ Bus Pass.		Trucks
3:00 - 3:30	1,673	795	43	1	1.36	3.50	10	2,522	3,427	0	4	0	68	3,495	116	2,642	283	0
3:30 - 4:00	1,822	805	81	4	1.38	3.52	21	2,733	3,752	0	11	0	340	4,092	125	2,869	589	0
4:00 - 4:30	2,217	666	43	14	1.31	5.37	27	2,967	3,882	0	11	0	272	4,154	96	3,074	760	0
4:30 - 5:00	1,911	785	40	11	1.36	5.16	26	2,773	3,770	0	12	0	170	3,940	110	2,895	917	0
5:00 - 5:30	2,270	849	66	7	1.34	4.03	29	3,221	4,291	0	6	0	34	4,325	64	3,291	1753	0
5:30 - 6:00	2,027	815	73	4	1.35	3.73	22	2,941	3,966	0	6	0	204	4,170	81	3,028	1422	0
6:00 - 6:30	2,237	638	45	3	1.27	3.88	18	2,941	3,717	0	6	0	136	3,853	87	3,034	1233	0
6:30 - 7:00	2,262	676	28	1	1.25	3.69	14	2,981	3,735	0	5	0	102	3,837	50	3,036	1213	0
7:00 - 7:30	2,526	495	38	3	1.20	4.07	10	3,072	3,693	0	6	0	136	3,829	63	3,141	633	0
7:30 - 8:00	2,412	606	38	2	1.24	3.88	10	3,068	3,788	0	5	0	102	3,891	99	3,172	425	0
Vehicles	21,357	7,130	495	50			187	29,219	38,022	0	72	0	1,564	39,586	891	30,182	9,228	0
Persons	21,357	14,260	1,618	600														

HOV Restricted

	5 Hour		Peak Hour	
	(3:00 PM - 7:00 PM)	(5:00 PM - 6:00 PM)	(3:00 PM - 5:00 PM)	(5:00 PM - 6:00 PM)
Highway Passengers	39,586	31,866	8,495	8,495
Rail Passengers	9,228	5,441	3,175	3,175
Auto and Motorcycle Passengers	38,022	30,540	8,257	8,257
Auto and Motorcycle Passengers	29,219	23,079	6,162	6,162
Average Auto Occupancy (Includes Motorcycles)	1.30	1.32	1.34	1.34

I-66 E
 I-66 West between VA 243 and I-495
 HOV Total
 HOV Restriction Period: 3:00 PM - 7:00 PM
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	Van-pools	Avg. Van-pools	Motorcycles	3+ Autos + Motorcycles	Total Autos + MC			Total Auto Passengers + MC			Total Rail		
	1	2	3+							Auto Occ.	Auto Occ.	Auto Occ.	MC	Van-pools	Autos		Persons	MC
3:00 - 3:30	89	549	23	0	1.90	3.09	5	666	1,263	0	2	0	68	1,331	2	670	0	0
3:30 - 4:00	21	616	72	3	2.12	3.44	17	729	1,528	0	10	0	340	1,868	13	752	0	0
4:00 - 4:30	104	540	24	14	2.09	6.32	23	705	1,447	0	8	0	272	1,719	9	722	0	0
4:30 - 5:00	94	520	14	11	2.05	7.12	13	652	1,325	0	5	0	170	1,495	6	663	0	0
5:00 - 5:30	109	476	24	7	1.98	5.19	15	631	1,237	0	1	0	34	1,271	5	637	0	0
5:30 - 6:00	47	485	58	4	2.11	3.77	8	602	1,259	0	6	0	204	1,463	6	614	0	0
6:00 - 6:30	112	406	38	0	1.89	3.37	8	564	1,060	0	4	0	136	1,196	6	574	0	0
6:30 - 7:00	134	530	22	1	1.87	3.83	10	697	1,292	0	3	0	102	1,394	3	703	0	0
7:00 - 7:30	439	337	18	0	1.47	3.22	4	796	1,175	0	4	0	136	1,311	1	803	0	0
7:30 - 8:00	397	251	24	0	1.45	3.08	8	680	981	0	3	0	102	1,083	7	690	0	0
Vehicles											111	6,724	0	46	58	6,828	0	0
Persons											12,567	14,131	0	1,564	14,131	0	0	

	HOV Restricted		
	5 Hour	Peak Hour	Peak Hour
Highway Passengers	14,131	11,737	2,734
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	12,567	10,411	2,496
Autos and Motorcycles	6,724	5,246	1,233
Average Auto Occupancy (Includes Motorcycles)	1.87	1.98	2.02

I-66 E
 I-66 West between VA 243 and I-495
 Conventional Total
 HOV Restriction Period: 3:00 PM - 7:00 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+Autos+ Motor-cycles (MC)	Van-pools	Motor-cycles (MC)	Total Auto Persons + MC			Total Auto Passengers + MC			Total Rail Vehicles	Metro Comm.
	1	2	3+	1	2	3+	1	2	3+						Transit	Other	Bus Passengers	Other	Trans	Other		
3:00 - 3:30	1,584	246	20	1	1.17	3.95	5	1,856	2,164	0	2	0	0	0	0	2,164	114	1,972	283	0		
3:30 - 4:00	1,801	189	9	1	1.11	4.10	4	2,004	2,224	0	1	0	0	0	0	2,224	112	2,117	589	0		
4:00 - 4:30	2,113	126	19	0	1.08	3.47	4	2,262	2,435	0	3	0	0	0	0	2,435	87	2,352	760	0		
4:30 - 5:00	1,817	265	26	0	1.15	3.27	13	2,121	2,445	0	7	0	0	0	0	2,445	104	2,232	917	0		
5:00 - 5:30	2,161	373	42	0	1.18	3.17	14	2,590	3,054	0	5	0	0	0	0	3,054	59	2,654	1,753	0		
5:30 - 6:00	1,980	330	15	0	1.16	3.53	14	2,339	2,707	0	0	0	0	0	0	2,707	75	2,414	1,422	0		
6:00 - 6:30	2,125	232	7	3	1.12	0.00	10	2,377	2,657	0	2	0	0	0	0	2,657	81	2,460	1,233	0		
6:30 - 7:00	2,128	146	6	0	1.07	3.17	4	2,284	2,443	0	2	0	0	0	0	2,443	47	2,333	1,213	0		
7:00 - 7:30	2,087	158	20	3	1.11	4.74	6	2,274	2,518	0	2	0	0	0	0	2,518	62	2,338	633	0		
7:30 - 8:00	2,015	355	14	2	1.18	5.06	2	2,388	2,808	0	2	0	0	0	0	2,808	92	2,482	425	0		
Vehicles	19,811	2,420	178	10			76	22,495	25,455	0	26	0	0	0	0	25,455	833	23,354	9,228	0		
Persons	19,811	4,840	608	120																		

HOV Restricted

	5 Hour		Peak Hour	
	3:00 PM - 7:00 PM	5:00 PM - 6:00 PM	3:00 PM - 4:00 PM	5:00 PM - 6:00 PM
Highway Passengers	25,455	20,129	5,761	5,761
Rail Passengers	9,228	5,441	3,175	3,175
Auto and Motorcycle Passengers	25,455	20,129	5,761	5,761
Autos and Motorcycles	22,495	17,833	4,929	4,929
Average Auto Occupancy (Includes Motorcycles)	1.13	1.13	1.17	1.17

I-66 F

I-66 West between VA 243 and VA 123

Facility Total

HOV Restriction Period: 3:00 PM - 7:00 PM

Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ. (MC)	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail Vehicles Metro Comm.					
	Autos	Autos	Autos	Autos	Autos	Motor-cycles				Riders	Passengers	Buses	Transit		Other	Other	Riders		
3:00 - 3:30	1,478	748	34	1	1.37	3.37	9	2,270	3,101	0	4	0	68	3,169	114	2,388	268	0	
3:30 - 4:00	1,546	755	75	4	1.40	3.51	18	2,398	3,351	0	10	0	340	3,691	122	2,530	369	0	
4:00 - 4:30	1,951	614	26	14	1.31	6.05	27	2,632	3,448	0	9	0	272	3,720	94	2,735	490	0	
4:30 - 5:00	1,670	683	19	11	1.36	6.53	25	2,408	3,257	0	10	0	170	3,427	107	2,525	116	0	
5:00 - 5:30	2,000	770	57	6	1.34	4.02	25	2,858	3,818	0	5	0	34	3,852	62	2,925	1195	0	
5:30 - 6:00	1,757	712	65	3	1.35	3.65	18	2,555	3,447	0	6	0	204	3,651	75	2,636	1281	0	
6:00 - 6:30	1,912	523	42	2	1.26	3.75	16	2,495	3,139	0	5	0	136	3,275	86	2,586	1329	0	
6:30 - 7:00	1,920	587	22	1	1.26	3.87	12	2,542	3,195	0	3	0	102	3,297	50	2,595	913	0	
7:00 - 7:30	2,204	411	18	2	1.18	4.25	9	2,644	3,420	0	6	0	136	3,256	63	2,713	372	0	
7:30 - 8:00	2,017	473	28	1	1.22	3.59	9	2,528	3,076	1	4	0	102	3,178	96	2,629	393	0	
Vehicles	18,455	6,276	386	45			168	25,330		1	62			869	26,262				
Persons	18,455	12,562	1,237	540				32,952					1,564	34,516				7,726	0

HOV Restricted

5 Hour (3:00 PM - 7:00 PM)	Period (5:00 PM - 6:00 PM)	Peak Hour
34,516	28,082	7,503
7,726	4,451	2,476
32,952	26,756	7,265
25,330	20,158	5,413
1.30	1.33	1.34

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-66 G
 I-66 West between Monument Drive and RI 7100
 HOV Total
 HOV Restriction Period: 3:00 PM - 7:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+ Autos + Motor-cycles (MC)	Total Autos + MC		Bus Passengers		Total Auto Passengers + MC		Total Rail	
	Autos	Autos	Autos	Autos	Van-pools	Motor-cycles (MC)				Transit	Other	Transit	Other	Bus Pass.	Trucks		Metro
3:00 - 3:30	191	266	17	0	1.64	3.12	6	480	782	1	2	4	68	854	7	490	0
3:30 - 4:00	110	372	13	1	1.83	3.93	12	508	921	1	1	10	34	965	9	519	0
4:00 - 4:30	136	365	15	10	1.96	6.68	8	534	1,041	2	0	40	0	1,081	8	544	0
4:30 - 5:00	150	400	35	11	2.01	5.35	14	610	1,210	4	3	66	102	1,378	9	626	0
5:00 - 5:30	115	440	26	6	1.96	4.88	10	597	1,161	3	1	79	34	1,274	0	601	0
5:30 - 6:00	104	405	12	0	1.83	3.17	11	532	963	5	9	188	306	1,457	2	548	0
6:00 - 6:30	118	351	32	2	1.88	3.68	9	512	954	4	5	138	170	1,262	6	527	0
6:30 - 7:00	177	243	22	0	1.65	3.09	9	451	740	4	2	110	68	918	7	464	0
7:00 - 7:30	631	117	10	1	1.20	3.91	4	763	912	2	0	53	0	965	1	766	0
7:30 - 8:00	438	63	2	1	1.16	6.67	3	507	587	1	1	7	34	628	3	512	0
Vehicles	2,170	3,022	184	32			86	5,494		27	24	695	816	10,782	52	5,597	0
Persons	2,170	6,044	587	384					9,271								0

	HOV Restriction Period		Peak Hour
	5 Hour (3:00 PM - 7:00 PM)	(5:00 PM - 6:00 PM)	
Highway Passengers	10,782	9,189	2,731
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,271	7,772	2,124
Autos and Motorcycles	5,494	4,224	1,129
Average Auto Occupancy (Includes Motorcycles)	1.69	1.84	1.88

I-66 F

I-66 West between VA 243 and VA 123

Conventional Total

HOV Restriction Period: 3:00 PM - 7:00 PM

Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Bus Passengers			Total Auto Passengers + MC			
	Autos	Autos	Autos	Autos	Van-pools	Van-pools + MC				Riders	Transit	Other	Trucks	Other	Riders	Trucks	Metro	Comm.
3:00 - 3:30	1,389	199	11	1	1.15	3.92	4	1,604	1,838	0	2	0	0	1,838	112	1,718	0	0
3:30 - 4:00	1,525	139	3	1	1.09	4.75	1	1,669	1,823	0	0	0	0	1,823	109	1,778	0	0
4:00 - 4:30	1,847	74	2	0	1.04	1.00	4	1,927	2,001	0	1	0	0	2,001	85	2,013	0	0
4:30 - 5:00	1,576	163	5	0	1.10	3.60	12	1,756	1,932	0	5	0	0	1,932	101	1,862	0	0
5:00 - 5:30	1,891	294	33	-1	1.16	2.88	10	2,227	2,581	0	4	0	0	2,581	57	2,288	0	0
5:30 - 6:00	1,710	227	7	-1	1.12	2.33	10	1,953	2,188	0	0	0	0	2,188	69	2,022	0	0
6:00 - 6:30	1,800	117	4	2	1.08	0.00	8	1,931	2,079	0	1	0	0	2,079	80	2,012	0	0
6:30 - 7:00	1,786	57	0	0	1.03	0.00	2	1,845	1,903	0	0	0	0	1,903	47	1,892	0	0
7:00 - 7:30	1,765	74	0	2	1.05	13.50	5	1,846	1,945	0	2	0	0	1,945	62	1,910	0	0
7:30 - 8:00	1,620	222	4	1	1.13	6.00	1	1,848	2,095	0	1	0	0	2,095	89	1,938	0	0
Vehicles	16,909		1,566	69	5	57	18,606	20,385	0	16	0	0	0	20,385	811	19,433	0	0
Persons	16,909		3,132	227	60													

HOV Restricted

5 Hour	Period		Peak Hour
	(3:00 PM - 7:00 PM)	(5:00 PM - 6:00 PM)	
20,385	16,345	4,769	
0	0	0	
20,385	16,345	4,769	
18,606	14,912	4,180	
1.10	1.10	1.14	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-66 G
 I-66 West between Monument Drive and Rt 7100
 Facility Total
 HOV Restriction Period: 3:00 PM - 7:00 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC			Buses Transit	Other	Bus Passengers	Trans	Other	Total Auto Passengers + MC	Total Rail Vehicles	Metro Comm.
	1	2	3+	1	2	3+	1	2	3+				Riders	+ MC	Riders								
3:00 - 3:30	2,499	293	19	0	1.12	3.16	7	2,818	3,152	1	4	68	3,224	147	2,970	0	0	0	0	0	0	0	0
3:30 - 4:00	2,322	394	13	1	1.16	3.93	12	2,742	3,177	1	1	34	3,221	95	2,839	0	0	0	0	0	0	0	0
4:00 - 4:30	2,067	416	19	10	1.23	6.17	11	2,523	3,089	0	2	0	3,089	99	2,624	0	0	0	0	0	0	0	0
4:30 - 5:00	2,063	465	38	11	1.26	5.27	17	2,594	3,268	0	4	102	3,370	104	2,702	0	0	0	0	0	0	0	0
5:00 - 5:30	2,546	463	26	6	1.19	4.88	12	3,053	3,640	0	2	0	3,640	62	3,117	0	0	0	0	0	0	0	0
5:30 - 6:00	2,397	421	12	0	1.16	3.17	12	2,842	3,289	0	9	0	3,289	47	2,898	0	0	0	0	0	0	0	0
6:00 - 6:30	1,890	381	34	2	1.21	3.67	12	2,319	2,796	0	6	170	2,966	48	2,373	0	0	0	0	0	0	0	0
6:30 - 7:00	1,647	263	23	0	1.16	3.09	10	1,943	2,254	0	2	0	2,254	59	2,004	0	0	0	0	0	0	0	0
7:00 - 7:30	1,989	266	18	2	1.14	4.00	6	2,291	2,617	0	4	0	2,617	78	2,373	0	0	0	0	0	0	0	0
7:30 - 8:00	1,646	118	5	1	1.08	5.00	8	1,778	1,920	1	3	7	1,961	65	1,847	0	0	0	0	0	0	0	0
Vehicles	21,076	3,480	207	33			107	24,903			37			804	25,747								
Persons	21,076	6,960	663	396				29,202						21	816								

HOV Restricted

	5 Hour (3:00 PM - 7:00 PM)		Peak Hour (5:00 PM - 6:00 PM)	
	30,039	25,461	7,269	0
Highway Passengers	30,039	25,461	7,269	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	29,202	24,665	6,929	0
Autos and Motorcycles	24,903	20,834	5,895	0
Average Auto Occupancy (includes Motorcycles)	1.17	1.18	1.18	0

I-66 H
 I-66 West at Bull Run (Fairfax County/Prince William County Line)
 HOV Total
 HOV Restriction Period: 3:00 PM - 7:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	Motor-cycles (MC)	3+ Autos + Van-pools + MC	Total Autos + MC			Total Auto Passengers + MC			Total Rail Comm.	
	Autos	Autos	Autos	Autos	Transit	Other					Buses	Bus Passengers	Riders	Trucks	Vehicles	Metro		Comm.
3:00 - 3:30	42	319	22	5	2.09	4.78	5	393	814	0	1	0	21	835	4	398	0	0
3:30 - 4:00	25	377	28	8	2.20	5.17	3	441	968	0	0	0	0	968	5	446	0	0
4:00 - 4:30	25	356	26	9	2.23	5.43	9	425	936	0	3	0	60	996	10	438	0	0
4:30 - 5:00	48	299	20	11	2.24	6.45	5	383	851	0	1	0	34	885	5	389	0	86
5:00 - 5:30	70	489	47	23	2.34	6.03	4	633	1,474	0	3	0	102	1,576	8	644	0	103
5:30 - 6:00	85	395	22	2	1.91	3.75	6	510	971	0	3	0	102	1,073	8	521	0	0
6:00 - 6:30	39	277	15	4	2.06	5.16	6	341	697	0	2	0	68	765	1	344	0	137
6:30 - 7:00	62	186	10	1	1.85	4.00	5	264	483	0	2	0	68	551	8	274	0	120
7:00 - 7:30	400	91	6	0	1.21	3.33	1	498	603	0	0	0	0	603	0	498	0	70
7:30 - 8:00	247	61	6	0	1.23	3.00	4	318	391	0	1	0	34	425	1	320	0	0
Vehicles	1,043		2,850	202	63	48	4,206	8,188	0	16	0	489	8,677	50	4,272	0	516	
Persons	1,043		5,700	641	756													

HOV Restriction Period

Period	Peak Hour
5 Hour (3:00 PM - 7:00 PM)	8,677
(5:00 PM - 6:00 PM)	7,649
(6:00 PM - 7:00 PM)	2,649
Average Auto Occupancy	1.95
(Includes Motorcycles)	2.12
	2.14

Highway Passengers
 Rail Passengers
 Auto and Motorcycle Passengers
 Autos and Motorcycles
 Average Auto Occupancy
 (Includes Motorcycles)

I-86 G

I-66 West between Monument Drive and Rt 7100

Conventional Total

HOV Restriction Period: 3:00 PM - 7:00 PM

Spring, 2004

Time	Autos			3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools	Total Auto Persons + MC			Total Auto Passengers + MC			Trucks	Rail Metro Comm.	
	1	2	3+				Autos	Van-pools	3+ Autos + MC	Bus Riders	Trans Other	Other			Bus Pass.
3:00 - 3:30	2,308	27	2	0	1.01	0	2,338	2,370	0	2	0	2,370	140	2,480	0
3:30 - 4:00	2,212	22	0	0	1.01	0	2,234	2,256	0	0	0	2,256	86	2,320	0
4:00 - 4:30	1,931	51	4	0	1.03	3	1,989	2,048	0	2	0	2,048	91	2,082	0
4:30 - 5:00	1,913	65	3	0	1.04	3	1,984	2,058	0	1	0	2,058	95	2,080	0
5:00 - 5:30	2,431	23	0	0	1.01	2	2,456	2,479	0	1	0	2,479	62	2,519	0
5:30 - 6:00	2,293	16	0	0	1.01	1	2,310	2,326	0	0	0	2,326	45	2,355	0
6:00 - 6:30	1,772	30	2	0	1.02	3	1,807	1,842	0	1	0	1,842	42	1,850	0
6:30 - 7:00	1,470	20	1	0	1.01	1	1,492	1,514	0	0	0	1,514	52	1,544	0
7:00 - 7:30	1,368	149	8	1	1.12	2	1,528	1,705	0	4	0	1,705	77	1,609	0
7:30 - 8:00	1,208	55	3	0	1.05	3	1,271	1,333	0	2	0	1,333	62	1,335	0
Vehicles	18,906	458	23	1			19,409			13			752	20,174	0
Persons	18,906	916	76	12			19,931					19,931	0	0	0

HOV Restriction

5 Hour	Period		Peak Hour
	7:00 PM - 7:00 PM	3:00 PM - 6:00 PM	
19,931	16,893	4,805	0
19,931	16,893	4,805	0
19,409	16,610	4,766	1.03
1.03	1.02	1.01	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(includes Motorcycles)

I-66 H

I-66 West at Bull Run (Fairfax County/Prince William County Line)

Facility Total

HOV Restriction Period: 3:00 PM - 7:00 PM

Spring, 2004

Time	1			2			3+			Van-pools	Avg. Auto Occ.	3+ Autos+ Van-pools cycles (MC)	Total Autos + MC		Buses			Bus Passengers			Total Auto Passengers + MC		Rail Metro Comm.
	Autos	Autos	Autos	Autos	Autos	Autos	Van-pools	MC	Transit				Other	Other	Trans	Other	Riders	Trucks	Vehicles	Total			
3:00 - 3:30	2,012	462	31	6	1.24	4.65	5	2,516	3,113	0	1	0	21	3,134	168	2,685	0	0	0	0	0	0	0
3:30 - 4:00	2,097	490	35	9	1.25	4.98	5	2,636	3,301	0	0	0	0	3,301	159	2,795	0	0	0	0	0	0	0
4:00 - 4:30	2,116	488	37	11	1.26	5.21	12	2,664	3,354	0	3	0	60	3,414	158	2,825	0	0	0	0	0	0	0
4:30 - 5:00	1,934	389	32	11	1.25	5.56	5	2,371	2,966	0	1	0	34	2,990	136	2,508	0	86	0	0	0	0	86
5:00 - 5:30	2,121	561	58	23	1.34	5.64	4	2,767	3,704	0	3	0	102	3,806	123	2,893	0	103	0	0	0	0	103
5:30 - 6:00	2,098	452	33	3	1.22	3.92	7	2,593	3,150	0	3	0	102	3,252	115	2,711	0	0	0	0	0	0	137
6:00 - 6:30	1,820	469	31	4	1.25	4.34	11	2,335	2,921	0	2	0	68	2,989	80	2,417	0	0	0	0	0	0	137
6:30 - 7:00	1,792	366	22	1	1.20	3.65	5	2,186	2,613	0	2	0	68	2,681	99	2,287	0	120	0	0	0	0	120
7:00 - 7:30	1,868	233	15	2	1.14	4.18	4	2,122	2,409	0	2	0	42	2,451	96	2,220	0	70	0	0	0	0	70
7:30 - 8:00	1,349	224	13	1	1.17	3.71	10	1,597	1,859	0	1	0	34	1,893	85	1,683	0	0	0	0	0	0	0
Vehicles	19,207		4,134	307	71	68		23,787	29,380	0		18	0		531	29,911	1,219		25,024	0		516	
Persons	19,207		8,268	985	852																		

HOV Restricted

5 Hour	3:00 PM - 7:00 PM	Peak Hour	5:00 PM - 6:00 PM
29,911	25,567	7,058	
516	446	103	
29,380	25,112	6,854	
23,787	20,068	5,360	
1.24	1.25	1.28	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-66-I
 VA 267 - Dulles Toll Road Westbound east of VA 123
 Facility Total
 HOV Restriction Period: 4:00 PM - 6:30 PM
 Spring, 2004

Time	1		2		3+		Van- pools	3+Autos+ Motor- cycles (MC)	Avg. Van-pools Auto Occ. (MC)	Total Autos + MC		Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Rail	
	Autos	Autos	Autos	Autos	Transit	Other				Transit	Other	Trans	Other	Riders	Other	Trucks	Vehicles	Metro	Comm.		
3:00 - 3:30	131	82	23	7	1.89	5.47	0	243	459	1	0	16	0	475	2	246	0	0			
3:30 - 4:00	107	85	14	0	1.55	3.07	0	206	320	2	0	49	0	369	0	208	0	0			
4:00 - 4:30	134	68	3	1	1.42	5.50	0	206	292	4	6	91	216	599	1	217	0	0			
4:30 - 5:00	153	64	11	1	1.42	3.75	0	229	326	8	2	217	72	615	0	239	0	0			
5:00 - 5:30	153	22	0	0	1.13		0	175	197	12	1	333	36	566	1	189	0	0			
5:30 - 6:00	122	30	4	1	1.34	5.60	0	157	210	11	6	295	216	721	0	174	0	0			
6:00 - 6:30	116	50	20	2	1.66	4.36	0	188	312	9	2	258	72	642	1	200	0	0			
6:30 - 7:00	80	31	7	1	1.50	4.63	0	119	179	6	1	161	36	376	0	126	0	0			
7:00 - 7:30	63	34	16	1	1.70	3.71	2	116	196	5	0	0	0	196	0	121	0	0			
7:30 - 8:00	62	35	9	1	1.61	3.95	1	108	173	0	1	0	36	209	1	110	0	0			
Vehicles	1,121	501	107	15			3	1,747	2,664	58	19	1,420	684	4,768	6	1,830	0	0			
Persons	1,121	1,002	358	180																	

	HOV Restricted		
	5 Hour (4:00 PM - 6:30 PM)	Peak Hour (5:30 PM - 6:30 PM)	Peak Hour (6:30 PM - 7:30 PM)
Highway Passengers	4,768	3,143	1,363
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	2,664	1,337	522
Auto and Motorcycles	1,747	955	345
Average Auto Occupancy (Includes Motorcycles)	1.52	1.40	1.51

I-66 H
 I-66 West at Bull Run (Fairfax County/Prince William County Line)
 Conventional Total
 HOV Restriction Period: 3:00 PM - 7:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail Vehicles	Total Metro Comm.			
	Autos	Autos	Autos	Autos	Van-pools	Auto Occ.				Autos + MC	Passengers + MC	Trans	Other			Bus Pass. + Bus Pass.	Trucks	
3:00 - 3:30	1,970	143	9	1	1.08	4.30	0	2,123	2,299	0	0	0	2,299	164	2,287	0	0	
3:30 - 4:00	2,072	113	7	1	1.06	4.13	2	2,195	2,333	0	0	0	2,333	154	2,349	0	0	
4:00 - 4:30	2,091	132	11	2	1.08	4.62	3	2,239	2,418	0	0	0	2,418	148	2,387	0	0	
4:30 - 5:00	1,886	90	12	0	1.06	3.25	0	1,988	2,105	0	0	0	2,105	131	2,119	0	0	
5:00 - 5:30	2,051	72	11	0	1.04	3.18	0	2,134	2,230	0	0	0	2,230	115	2,249	0	0	
5:30 - 6:00	2,013	57	11	1	1.05	4.25	1	2,083	2,179	0	0	0	2,179	107	2,190	0	0	
6:00 - 6:30	1,781	192	16	0	1.12	3.38	5	1,994	2,224	0	0	0	2,224	79	2,073	0	0	
6:30 - 7:00	1,730	180	12	0	1.11	3.33	0	1,922	2,130	0	0	0	2,130	91	2,013	0	0	
7:00 - 7:30	1,468	142	9	2	1.11	4.64	3	1,624	1,806	0	2	0	1,848	96	1,722	0	0	
7:30 - 8:00	1,102	163	7	1	1.15	4.25	6	1,279	1,468	0	0	0	1,468	84	1,363	0	0	
Vehicles	18,164		1,284		105		8		20		19,581		1,169		20,752		0	
Persons	18,164		2,568		344		96				21,192		42		21,234		0	

	HOV Restricted	
	Period	Peak Hour
Highway Passengers	5 Hour (3:00 PM - 7:00 PM)	5:00 PM - 6:00 PM
Rail Passengers	21,234	17,918
Auto and Motorcycle Passengers	0	4,409
Autos and Motorcycles	21,192	4,409
Average Auto Occupancy (Includes Motorcycles)	19,581	16,678
	1.08	1.07

I-66-I

Dulles Connector (Toll Road and Access Road) between I-66 and Va. 123

Facility Total (Toll Road and Access Road traffic combined)

HOV Restriction Period: 4:00 PM - 6:30 PM

Spring, 2004

Time	1			2			3+			Van-pools	Avg. Auto Occ.	3+ Autos + Motorcycles (MC)	Total Autos + MC			Bus Passengers			Total Auto Passengers + MC			Total Rail Metro Comm.
	Autos	Autos	Autos	Autos	Autos	Autos	Van-pools	Motorcycles (MC)	Van-pools				Motorcycles (MC)	Transit	Other	Other	Trucks	Trucks	Other	Other	Other	
3:00 - 3:30	734	252	45	8	1.43	4.64	5	1,044	1,489	1	0	16	0	1,505	6	1,051	0	0	0	0	0	
3:30 - 4:00	761	296	28	4	1.37	4.19	1	1,090	1,488	2	0	49	0	1,537	3	1,095	0	0	0	0	0	
4:00 - 4:30	464	394	44	2	1.57	3.54	4	908	1,419	0	6	0	216	1,635	3	917	0	0	0	0	0	
4:30 - 5:00	365	463	59	9	1.76	4.21	7	903	1,584	0	4	0	152	1,736	5	912	0	0	0	0	0	
5:00 - 5:30	414	326	37	1	1.53	3.34	6	784	1,199	0	2	0	76	1,275	3	789	0	0	0	0	0	
5:30 - 6:00	416	411	72	2	1.66	3.47	6	907	1,501	0	10	0	376	1,877	0	917	0	0	0	0	0	
6:00 - 6:30	482	372	64	3	1.60	3.63	12	933	1,481	0	4	0	152	1,633	2	939	0	0	0	0	0	
6:30 - 7:00	655	318	18	2	1.38	4.10	11	1,004	1,384	0	2	0	76	1,460	0	1,006	0	0	0	0	0	
7:00 - 7:30	680	204	24	2	1.31	3.88	6	916	1,195	0	0	0	0	1,195	1	917	0	0	0	0	0	
7:30 - 8:00	515	149	20	2	1.31	3.95	3	669	902	0	1	0	36	938	3	693	0	0	0	0	0	
Vehicles	5,486	3,185	411	35			61	9,178	13,642	3	29	65	1,084	14,791	26	9,236	0	0	0	0	0	
Persons	5,486	6,370	1,305	420																		

HOV Restricted

5 Hour Period	Peak Hour	
	(4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)
14,791	8,156	3,510
0	0	0
13,642	7,184	2,982
9,178	4,435	1,840
1.49	1.62	1.62

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-66-I Reverse direction
 Dulles Toll Road Eastbound east of VA 123
 Facility Total
 HOV Restriction Period: 4:00 PM - 6:30 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Bus Passengers		Buses		Total Auto Passengers + MC		Total Vehicles		Rail Metro Comm.
	Autos	Autos	Autos	Autos	Van-pools	Van-pools + MC				Persons	Riders	Transit	Other	Transit	Other	Transit	Other	Trucks	Trucks	Other	Other	
3:00 - 3:30	143	37	7	3	1.45	5.80	0	1.29	4.67	0	190	275	1	2	16	0	291	0	193	0	0	0
3:30 - 4:00	226	64	5	1	1.29	4.67	0	1.33	3.71	0	296	382	2	1	49	0	431	3	302	0	0	0
4:00 - 4:30	228	88	7	0	1.33	3.71	0	1.45	4.56	0	323	430	4	3	91	108	629	1	331	0	0	0
4:30 - 5:00	217	86	14	2	1.45	4.56	0	1.30	3.00	0	319	462	8	6	217	216	895	0	333	0	0	0
5:00 - 5:30	202	68	7	0	1.30	3.00	0	1.45	3.69	0	277	359	12	8	333	288	980	0	297	0	0	0
5:30 - 6:00	147	69	12	1	1.45	3.69	0	1.52	6.60	0	229	333	1	6	295	216	844	0	246	0	0	0
6:00 - 6:30	79	32	3	2	1.52	6.60	0	1.39	3.33	0	116	176	0	1	258	36	470	1	127	0	0	0
6:30 - 7:00	92	40	6	0	1.39	3.33	0	1.59	3.17	0	138	192	0	3	161	108	461	0	147	0	0	0
7:00 - 7:30	59	38	12	0	1.59	3.17	0	1.43	3.95	4	109	173	5	1	0	36	209	0	115	0	0	0
7:30 - 8:00	63	37	4	0	1.43	3.95	4				108	153	0	0	0	0	153	0	108	0	0	0
Vehicles	1,456	559	77	9			4				2,405	2,935	58	31	1,420	1,008	5,363	5	2,199	0	0	0
Persons	1,456	1,118	249	108																		

	HOV Restricted	
	5 Hour (4:00 PM - 6:30 PM)	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	5,363	3,818
Rail Passengers	0	0
Auto and Motorcycle Passengers	2,935	692
Autos and Motorcycles	2,105	506
Average Auto Occupancy (Includes Motorcycles)	1.39	1.37

I-66-I Reverse direction
 Dulles Airport Access Road Eastbound east of VA 123
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 AM (HOV Restrictions do not apply to Access Road traffic)
 Spring, 2004

Time	Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC	Buses			Bus Passengers			Total Auto Passengers + MC			Total Vehicles		
	1	2	3+				Van-pools	Auto Occ.		Transit	Other	Trans	Other	Riders	+ Bus Pass.	Trucks	Metro	Comm.			
3:00 - 3:30	871	175	23	0	1.21	3.30	1	1,070	1,298	0	1	0	0	0	1,298	2	1,073	0	0	0	
3:30 - 4:00	905	211	31	2	1.26	3.82	1	1,150	1,454	0	0	0	0	0	1,454	3	1,153	0	0	0	
4:00 - 4:30	929	144	27	2	1.21	4.03	4	1,106	1,338	1	2	36	80	1,454	6	1,115	0	0	0	0	
4:30 - 5:00	987	131	7	1	1.14	4.38	4	1,130	1,288	2	1	63	40	1,391	2	1,135	0	0	0	0	
5:00 - 5:30	1,064	127	13	1	1.14	4.00	0	1,205	1,374	1	3	32	120	1,526	2	1,211	0	0	0	0	
5:30 - 6:00	1,081	210	26	1	1.22	3.89	2	1,320	1,608	2	3	58	120	1,786	2	1,327	0	0	0	0	
6:00 - 6:30	1,090	150	15	2	1.17	4.53	2	1,259	1,469	1	1	23	40	1,532	1	1,262	0	0	0	0	
6:30 - 7:00	1,132	123	18	0	1.14	4.00	1	1,274	1,451	0	1	0	0	1,451	2	1,277	0	0	0	0	
7:00 - 7:30	860	111	16	1	1.18	4.76	1	989	1,164	0	1	0	0	1,164	2	992	0	0	0	0	
7:30 - 8:00	682	154	9	0	1.22	4.44	0	845	1,030	0	0	0	0	1,030	0	845	0	0	0	0	
Vehicles	9,601	1,536	185	10			16	11,348	13,474	7	13	212	400	14,086	22	11,390	0	0	0	0	
Persons	9,601	3,072	665	120																	

	HOV Restricted			Peak Hour
	5 Hour (4:00 PM - 6:30 PM)	6:30 PM - 6:00 PM)	6:00 PM - 5:00 PM)	
Highway Passengers	14,086	7,689	3,312	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	13,474	7,077	2,982	
Autos and Motorcycles	11,348	6,020	2,525	
Average Auto Occupancy (Includes Motorcycles)	1.19	1.18	1.18	

I-66-I Reverse direction
 Dulles Connector (Toll Road and Access Road) between Va. 123 and I-66
 Facility Total (Toll Road and Access Road traffic combined)
 HOV Restriction Period: 4:00 PM - 6:30 PM
 Spring, 2004

Time	1			2			3+			Van- pools	AVG. Van- Auto Occ.	3+Autos+ Motor- cycles (MC)	Total Autos + MC			Total Passengers + MC			Trucks	Rail Metro Comm.
	Autos	Autos	Autos	Autos	Autos	Autos	Van-pools	Van-pools	Van-pools				Riders	Transit	Other	Bus Passengers	Other	Trans		
3:00 - 3:30	1,014	212	30	3	1.25	4.06	1	1,260	1,573	1	0	16	0	1,589	2	1,263	0	0		
3:30 - 4:00	1,131	275	36	3	1.27	3.95	1	1,446	1,836	2	0	49	0	1,885	6	1,454	0	0		
4:00 - 4:30	1,157	232	34	2	1.24	3.97	4	1,429	1,768	0	5	0	188	1,956	7	1,441	0	0		
4:30 - 5:00	1,204	217	21	3	1.21	4.50	4	1,449	1,750	0	7	0	256	2,006	2	1,458	0	0		
5:00 - 5:30	1,266	195	20	1	1.17	3.67	0	1,482	1,733	0	11	0	408	2,141	2	1,495	0	0		
5:30 - 6:00	1,228	279	38	2	1.25	3.83	2	1,549	1,941	0	9	0	336	2,277	2	1,560	0	0		
6:00 - 6:30	1,169	182	18	4	1.20	5.00	2	1,375	1,645	0	2	0	76	1,721	2	1,379	0	0		
6:30 - 7:00	1,224	163	24	0	1.16	3.83	1	1,412	1,643	0	4	0	108	1,751	2	1,418	0	0		
7:00 - 7:30	919	149	28	1	1.22	4.10	1	1,098	1,337	0	2	0	36	1,373	2	1,102	0	0		
7:30 - 8:00	745	191	13	0	1.24	3.95	4	953	1,183	0	0	0	0	1,183	0	953	0	0		
Vehicles	11,057	2,095	262	19			20	13,453	16,409	3	40	65	1,408	17,882	27	13,523	0	0		
Persons	11,057	4,190	914	228																

	HOV Restricted		
	5 Hour (4:00 PM - 6:30 PM)	Peak Hour (5:00 PM - 6:00 PM)	Peak Hour (6:00 PM - 6:30 PM)
Highway Passengers	17,882	10,101	4,418
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	16,409	8,837	3,674
Autos and Motorcycles	13,453	7,284	3,031
Average Auto Occupancy (Includes Motorcycles)	1.22	1.21	1.21

i-270 A

I-270 North between MD 187 and the "Split"

HOV Total

HOV Restriction Period: 3:30 PM - 6:30 PM
Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools			Motor-cycles (MC)			3+ Autos+ Van-pools + MC			Avg. Auto Occ.			Total Auto Persons + MC Riders			Buses Transit Other			Bus Passengers Trans Other			Total Auto Passengers + MC Riders + Bus Pass. Trucks			Total Rail Metro Comm.							
	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+	1	2	3+					
3:00 - 3:30	635	170	10	3	1.28	5.69	4	822	1,053	0	4	4	0	84	1,137	7	833	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
3:30 - 4:00	108	356	13	6	1.94	6.16	5	488	942	2	1	18	21	981	7	498	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:00 - 4:30	22	174	4	4	2.12	7.75	4	208	436	1	0	9	0	445	0	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:30 - 5:00	44	456	30	17	2.30	6.40	13	560	1,270	2	1	18	21	1,309	2	565	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:00 - 5:30	28	411	28	6	2.15	4.88	15	488	1,031	2	3	19	63	1,113	4	497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 - 6:00	35	401	14	3	2.04	5.12	8	461	932	2	2	42	42	1,016	5	470	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 - 6:30	77	232	17	2	1.91	4.42	4	332	629	1	2	14	42	685	1	336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:30 - 7:00	530	133	3	1	1.28	14.50	3	670	857	1	0	7	0	864	2	673	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 - 7:30	479	142	2	0	1.30	25.00	4	627	817	0	3	0	63	880	5	635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 - 8:00	395	137	4	1	1.31	6.80	4	541	707	0	0	0	0	707	0	541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicles	2,353			2,612			125			43			64			5,197			8,674			16			127			336			9,137			5,257			0				
Persons	2,353			5,224			517			516			64			5,197			8,674			16			127			336			9,137			5,257			0				

HOV Restricted

	5 Hour (3:30 PM - 6:30 PM)		Peak Hour (5:30 PM - 6:30 PM)	
	3:30 PM - 6:30 PM	5:30 PM - 6:30 PM	3:30 PM - 6:30 PM	5:30 PM - 6:30 PM
Highway Passengers	9,137	5,549	1,701	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	8,674	5,240	1,561	793
Autos and Motorcycles	5,197	2,537	793	1.97
Average Auto Occupancy (Includes Motorcycles)	1.67	2.07	1.97	

I-270 A
 I-270 North between MD 187 and the "Split"
 Conventional Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+ Autos+ Motor- Van-pools cycles (MC)	Avg. Van-pools Auto Occ.	Total Auto Persons + MC Riders	Buses			Bus Passengers			Total Auto Passengers + MC Riders			Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	Transit	Other	Trans				Other	+ Bus Pass.	Trucks	Other	+ Bus Pass.	Trucks	Metro	Comm.			
3:30 - 3:30	1,699	245	13	1	1.15	3.86	1	1,959	2,244	0	5	0	105	2,349	86	2,050	0	0					
3:30 - 4:00	2,307	281	15	1	1.13	4.00	3	2,607	2,936	0	4	0	84	3,020	111	2,722	0	0					
4:00 - 4:30	2,126	199	8	2	1.10	5.30	7	2,342	2,584	0	0	0	0	2,584	119	2,461	0	0					
4:30 - 5:00	2,067	133	9	1	1.08	4.70	9	2,219	2,389	0	4	0	84	2,473	100	2,323	0	0					
5:00 - 5:30	2,103	135	8	2	1.08	4.80	3	2,251	2,424	0	3	0	63	2,487	77	2,331	0	0					
5:30 - 6:00	2,579	163	9	1	1.07	4.40	7	2,759	2,956	0	2	0	42	2,998	48	2,809	0	0					
6:00 - 6:30	2,390	289	10	0	1.12	3.40	5	2,694	3,007	0	3	0	63	3,070	34	2,731	0	0					
6:30 - 7:00	1,746	280	20	0	1.16	3.20	3	2,049	2,373	0	2	0	42	2,415	55	2,106	0	0					
7:00 - 7:30	1,389	282	24	0	1.20	3.54	5	1,700	2,043	0	1	0	21	2,064	42	1,743	0	0					
7:30 - 8:00	1,408	334	38	0	1.24	3.53	3	1,783	2,213	0	1	0	21	2,234	53	1,837	0	0					
Vehicles	19,814	2,341	154	8		46	22,363	25,169		25		725	23,113		0	0							
Persons	19,814	4,682	531	96								525	25,694										

HOV Restricted

5 Hour	Period		Peak Hour
	(3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	
Highway Passengers	25,694	16,632	6,068
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	25,169	16,296	5,963
Auto and Motorcycles	22,363	14,872	5,453
Average Auto Occupancy (Includes Motorcycles)	1.13	1.10	1.09

I-270 B
 I-270 North between Montrose Road and MD 189
 Facility Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools			3+ Autos+ Motor-cycles (MC)			Avg. Van-pools Auto Occ. (MC)			Total Autos + MC			Total Auto Passengers + MC			Total Rail			
	Autos	Autos	Autos	Van-pools	Van-pools	Van-pools	Auto Occ.	Auto Occ.	Auto Occ.	Motor-cycles	Motor-cycles	Motor-cycles	Van-pools + MC	Van-pools + MC	Van-pools + MC	Transit	Other	Buses	Bus Passengers	Riders + Bus Pass.	Trucks	Trucks	Trucks	Vehicles	Vehicles	Metro Comm.	Metro Comm.	
3:00 - 3:30	3,872	762	62	3	1.20	3.78	10	4,709	5,652	2	7	0	147	5,799	178	4,896	0	0	0	0	0	0	0	0	0	0	0	0
3:30 - 4:00	3,720	1,125	75	17	1.30	4.88	11	4,948	6,430	2	9	4	189	6,623	184	5,143	0	0	0	0	0	0	0	0	0	0	0	0
4:00 - 4:30	3,869	816	76	15	1.24	4.76	10	4,786	5,944	2	5	16	105	6,065	142	4,935	0	0	0	0	0	0	0	0	0	0	0	0
4:30 - 5:00	4,222	656	60	21	1.21	5.53	9	4,968	5,991	2	3	26	63	6,080	110	5,083	0	0	0	0	0	0	0	0	0	0	0	0
5:00 - 5:30	4,421	679	56	9	1.18	4.60	7	5,172	6,085	2	7	37	147	6,269	103	5,284	0	0	0	0	0	0	0	0	0	0	0	0
5:30 - 6:00	4,080	1,038	50	2	1.23	3.52	9	5,179	6,348	1	2	50	42	6,440	87	5,272	0	0	0	0	0	0	0	0	0	0	0	0
6:00 - 6:30	4,202	989	54	2	1.22	3.64	7	5,254	6,391	2	1	37	21	6,449	59	5,316	0	0	0	0	0	0	0	0	0	0	0	0
6:30 - 7:00	4,183	856	49	3	1.20	3.81	1	5,092	6,084	3	3	19	63	6,176	80	5,178	0	0	0	0	0	0	0	0	0	0	0	0
7:00 - 7:30	3,527	557	81	3	1.19	3.82	13	4,181	4,975	3	1	7	21	5,003	96	4,281	0	0	0	0	0	0	0	0	0	0	0	0
7:30 - 8:00	2,985	528	92	4	1.22	3.88	6	3,615	4,419	0	1	0	21	4,440	96	3,712	0	0	0	0	0	0	0	0	0	0	0	0
Vehicles	39,081	8,006	655	79			83	47,904	58,329	22	39	196	819	59,344	1,135	49,100	0	0	0	0	0	0	0	0	0	0	0	0
Persons	39,081	16,012	2,205	948																								

	HOV Restricted		
	5 Hour (3:30 PM - 6:30 PM)	Peak Hour (5:30 PM - 6:30 PM)	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	59,344	37,926	12,889
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	58,329	37,189	12,739
Autos and Motorcycles	47,904	30,307	10,433
Average Auto Occupancy (Includes Motorcycles)	1.22	1.23	1.22

I-270 B
 I-270 North between Montrose Road and MD 189
 HOV Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+ Autos+ Motor-cycles (MC)			Avg. Van-pools Auto Occ.			Total Auto Persons + MC Riders			Buses Transit Other			Bus Passengers Trans Other			Total Auto Passengers + MC Riders + Bus Pass. Trucks			Total Vehicles Metro Comm.		
	1	2	3+	1	2	3+	1	2	3+	1	2	3	1.32	2.13	4.25	4	677	891	2	2	1	0	21	912	4	684	0	0		
3:00 - 3:30	477	188	7	1	1	1	1	1	1	1	1	1.32	2.13	4.25	4	677	891	2	2	1	0	21	912	4	684	0	0			
3:30 - 4:00	82	405	21	12	12	12	12	12	11	11	11	2.13	2.13	6.48	11	531	1,117	2	2	2	4	42	1,163	9	544	0	0			
4:00 - 4:30	84	278	24	10	10	10	10	10	6	6	6	2.13	2.13	5.94	6	402	848	2	2	0	16	0	864	4	408	0	0			
4:30 - 5:00	114	325	26	18	18	18	18	18	6	6	6	2.19	2.19	6.73	6	489	1,066	2	2	0	26	0	1,092	9	500	0	0			
5:00 - 5:30	108	281	22	5	5	5	5	5	2	2	2	1.93	1.93	4.93	2	418	805	2	2	0	37	0	842	2	422	0	0			
5:30 - 6:00	48	356	23	1	1	1	1	1	9	9	9	1.98	1.98	3.58	9	437	855	4	4	0	50	0	905	3	444	0	0			
6:00 - 6:30	21	418	31	1	1	1	1	1	3	3	3	2.07	2.07	3.63	3	474	976	2	2	0	37	0	1,013	3	479	0	0			
6:30 - 7:00	385	167	8	0	0	0	0	0	0	0	0	1.34	1.34	3.63	0	560	748	3	3	0	19	0	767	0	563	0	0			
7:00 - 7:30	408	96	2	2	2	2	2	2	3	3	3	1.25	1.25	8.25	3	511	636	3	3	0	7	0	643	1	515	0	0			
7:30 - 8:00	330	74	4	2	2	2	2	2	1	1	1	1.25	1.25	6.00	1	411	515	0	0	0	0	0	515	0	411	0	0			
Vehicles	2,057	2,588	168	52	52	52	52	52	45	45	45				22	4,910	8,457	3	3	3	196	63	8,716	35	4,970	0	0			
Persons	2,057	5,176	555	624	624	624	624	624																						

	HOV Restricted	
	Period	Peak Hour
Highway Passengers	5 Hour (3:30 PM - 6:30 PM) - 6:30 PM	5:30 PM - 6:30 PM
Rail Passengers	8,716	1,918
Auto and Motorcycle Passengers	0	0
Autos and Motorcycles	8,457	1,831
Average Auto Occupancy (Includes Motorcycles)	4,910	911
	1.72	2.06

I-270 B
 I-270 North between Montrose Road and MD 189
 Non-HOV Lanes - Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Trucks	Total Vehicles	Rail Metro Comm.	
	Autos	Autos	Autos	Autos	Van-pools	Persons				Riders	Passengers	Transit	Other				Riders + Bus Pass.
3:00 - 3:30	3,395	574	55	2	1.18	3.72	6	4,032	4,761	0	6	0	126	4,887	174	4,212	0
3:30 - 4:00	3,638	720	54	5	1.20	3.98	0	4,417	5,313	0	7	0	147	5,460	175	4,599	0
4:00 - 4:30	3,785	538	52	5	1.16	4.05	4	4,384	5,096	0	5	0	105	5,201	138	4,527	0
4:30 - 5:00	4,108	331	34	3	1.10	4.11	3	4,479	4,925	0	3	0	63	4,988	101	4,583	0
5:00 - 5:30	4,313	398	34	4	1.11	4.37	5	4,754	5,280	0	7	0	147	5,427	101	4,862	0
5:30 - 6:00	4,032	682	27	1	1.16	3.46	0	4,742	5,493	0	2	0	42	5,535	84	4,828	0
6:00 - 6:30	4,181	571	23	1	1.13	3.67	4	4,780	5,415	0	1	0	21	5,436	56	4,837	0
6:30 - 7:00	3,798	689	41	3	1.18	3.84	1	4,532	5,346	0	3	0	63	5,409	80	4,615	0
7:00 - 7:30	3,119	461	79	1	1.18	3.60	10	3,670	4,339	0	1	0	21	4,360	95	3,766	0
7:30 - 8:00	2,655	454	88	2	1.22	3.73	5	3,204	3,904	0	1	0	21	3,925	96	3,301	0
Vehicles	37,024	5,418	487	27			38	42,994	49,872	0	36	0	756	50,628	1,100	44,130	0
Persons	37,024	10,836	1,650	324													0

	HOV Restricted		
	5 Hour	Peak Hour	Peak Hour
	(3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)
Highway Passengers	50,628	32,047	10,971
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	49,872	31,522	10,908
Autos and Motorcycles	42,994	27,556	9,522
Average Auto Occupancy (Includes Motorcycles)	1.16	1.14	1.15

I-270 C
 I-270 North between Shady Grove Road and I-370
 HOV Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools + MC	Total Autos + MC Riders			Bus Passengers			Total Auto Passengers + MC Riders			Trucks	Total Vehicles	Rail Metro Comm.
	1	2	1	2	1	2					Transit	Other	Trans	Other	Bus Pass.	Other + Bus Pass.	Pass.	+ MC Riders	3			
3:00 - 3:30	573	146	8	2	1.26	5.30	6	735	924	2	0	0	11	0	0	935	3	740	234	0		
3:30 - 4:00	110	319	12	13	2.10	8.16	10	464	962	2	0	0	21	0	0	983	3	469	228	0		
4:00 - 4:30	45	406	45	6	2.15	4.35	9	511	1,088	4	6	38	126	1,252	1	522	528	0	0			
4:30 - 5:00	101	294	13	8	2.00	6.81	9	425	841	5	2	43	42	926	5	437	786	0	0			
5:00 - 5:30	108	360	15	5	1.92	5.45	11	499	948	5	3	58	63	1,069	5	512	994	0	0			
5:30 - 6:00	62	452	35	3	2.02	3.95	10	562	1,126	5	1	47	21	1,194	4	572	1,286	0	0			
6:00 - 6:30	143	243	11	0	1.67	3.00	8	405	670	4	2	33	42	745	2	413	1,148	0	0			
6:30 - 7:00	425	113	4	0	1.22	3.00	1	543	664	2	0	6	0	670	0	545	658	0	0			
7:00 - 7:30	337	82	5	0	1.22	3.00	2	426	518	1	1	1	21	540	4	432	380	0	0			
7:30 - 8:00	243	91	5	0	1.30	3.20	6	345	447	0	2	0	42	489	3	350	281	0	0			
Vehicles	2,147	2,506	153	37			72	4,915	8,188	30	17	258	357	8,803	30	4,992	6,523	0	0			
Persons	2,147	5,012	513	444																		

	HOV Restricted		Peak Hour
	5 Hour (3:30 PM - 6:30 PM)	6:30 PM - 6:30 PM	
Highway Passengers	8,803	6,169	1,939
Rail Passengers	6,523	4,970	2,434
Auto and Motorcycle Passengers	8,188	5,635	1,796
Autos and Motorcycles	4,915	2,866	967
Average Auto Occupancy (Includes Motorcycles)	1.67	1.97	1.86

I-270 C
 I-270 North between Shady Grove Road and I-370
 Conventional Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Van-pools Auto Occ.	Total Auto Persons + MC			Buses			Bus Passengers			Total Auto Passengers + MC			Trucks	Total Vehicles no Comm.
	Autos	Autos	Autos	Autos	Auto Occ.	Auto Occ.					Riders	Transit	Other	Trans	Other	Riders + Bus Pass.	Other	Trucks	Rail					
3:00 - 3:30	3,238	468	53	1	1.16	3.33	13	3.773	4,367	0	6	0	126	4,493	124	3,903	0	0	0	0	0	0	0	0
3:30 - 4:00	4,088	386	71	3	1.12	3.42	8	4,556	5,121	0	4	0	84	5,205	158	4,718	0	0	0	0	0	0	0	0
4:00 - 4:30	4,527	435	38	11	1.13	5.18	11	5,022	5,662	0	4	0	84	5,746	139	5,165	0	0	0	0	0	0	0	0
4:30 - 5:00	4,178	429	68	1	1.12	3.25	7	4,683	5,267	0	2	0	42	5,309	142	4,827	0	0	0	0	0	0	0	0
5:00 - 5:30	4,648	390	21	4	1.10	4.72	11	5,074	5,557	0	2	0	42	5,599	114	5,190	0	0	0	0	0	0	0	0
5:30 - 6:00	4,155	790	56	2	1.19	3.60	8	5,011	5,952	0	3	0	63	6,015	87	5,101	0	0	0	0	0	0	0	0
6:00 - 6:30	4,791	534	37	5	1.13	4.48	16	5,383	6,063	0	5	0	105	6,168	113	5,501	0	0	0	0	0	0	0	0
6:30 - 7:00	3,905	587	36	3	1.16	3.97	17	4,548	5,251	0	3	0	63	5,314	99	4,650	0	0	0	0	0	0	0	0
7:00 - 7:30	3,652	671	65	4	1.20	3.77	11	4,403	5,265	0	3	0	63	5,328	93	4,499	0	0	0	0	0	0	0	0
7:30 - 8:00	2,807	464	52	2	1.18	3.74	10	3,335	3,947	0	10	0	210	4,157	82	3,427	0	0	0	0	0	0	0	0
Vehicles	39,989	5,154	497	36			112	45,788	52,452	0	42	0	882	53,334	1,151	46,981	0	0	0	0	0	0	0	0
Persons	39,989	10,308	1,611	432																				

	HOV Restricted		Peak Hour
	5 Hour (3:30 PM - 6:30 PM)	6:30 PM - 6:30 PM	
Highway Passengers	53,334	34,042	12,183
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	52,452	33,622	12,015
Autos and Motorcycles	45,788	29,729	10,394
Average Auto Occupancy (Includes Motorcycles)	1.15	1.13	1.16

I-270 D

I-270 North between Middlebrook Road and MD 118

Facility Total

HOV Restriction Period: 3:30 PM - 6:30 PM

Spring, 2004

Time	Autos			Van-pools	3+ Autos + Van-pools	Avg. Van-pools Auto Occ.	3+ Autos + Van-pools Auto Occ.	Motorcycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail						
	1	2	3+						Van-pools + MC	Motorcycles + MC	Trans	Other		Bus Passengers	Riders + Bus Pass.	Trucks	Vehicles	Metro Comm.	
3:00 - 3:30	1,930	294	27	5	1.18	4.81	4	2,260	2,676	0	2	0	40	2,716	78	2,340	0	0	
3:30 - 4:00	2,732	514	58	13	1.24	4.80	7	3,324	4,108	1	3	13	57	4,178	124	3,452	0	0	
4:00 - 4:30	2,829	748	60	12	1.28	4.74	9	3,658	4,675	1	2	13	40	4,728	76	3,737	0	200	
4:30 - 5:00	3,208	730	66	12	1.25	4.54	5	4,021	5,027	2	11	62	211	5,300	82	4,116	0	0	
5:00 - 5:30	3,428	714	42	6	1.21	4.35	14	4,204	5,079	2	13	62	253	5,394	67	4,286	0	319	
5:30 - 6:00	3,547	714	48	1	1.19	3.35	7	4,317	5,146	2	6	62	118	5,326	43	4,368	0	596	
6:00 - 6:30	3,092	755	46	0	1.22	3.17	8	3,901	4,756	2	3	62	57	4,875	41	3,947	0	240	
6:30 - 7:00	3,310	475	35	1	1.15	3.89	6	3,827	4,406	2	4	62	82	4,550	51	3,884	0	149	
7:00 - 7:30	2,780	425	23	2	1.16	4.08	8	3,238	3,740	0	1	0	21	3,761	52	3,291	0	115	
7:30 - 8:00	2,257	334	21	2	1.16	4.22	5	2,619	3,027	0	1	0	21	3,048	39	2,659	0	0	
Vehicles	29,113	5,703	426	54			73	35,369	42,640	12	46	336	900	43,876	653	36,080	0	1,619	
Persons	29,113	11,406	1,400	648															

HOV Restricted

	Period		Peak Hour
	5 Hour (3:30 PM - 6:30 PM)	6:30 PM - 6:00 PM	
Highway Passengers	43,876	29,801	10,720
Rail Passengers	1,619	1,355	915
Auto and Motorcycle Passengers	42,640	28,791	10,225
Autos and Motorcycles	35,369	23,425	8,521
Average Auto Occupancy (Includes Motorcycles)	1.21	1.23	1.20

I-270 D
 I-270 North between Middlebrook Road and MD 118
 HOV Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail				
	Autos	Autos	Autos	Autos	Van-pools	Riders				Transit	Other	Bus Passengers	Trucks		Riders	Other	Vehicles	Metro Comm.
3:00 - 3:30	395	107	3	4	1.31	8.14	1	510	667	0	1	0	19	686	1	512	0	0
3:30 - 4:00	313	314	28	13	1.77	5.88	7	675	1,189	1	3	13	57	1,259	14	693	0	0
4:00 - 4:30	97	568	40	12	2.10	5.19	8	725	1,511	1	1	13	19	1,543	8	735	0	200
4:30 - 5:00	128	526	50	10	2.05	4.70	4	718	1,466	2	10	62	190	1,718	11	741	0	0
5:00 - 5:30	174	498	22	1	1.81	3.70	13	708	1,268	2	10	62	190	1,520	7	727	0	319
5:30 - 6:00	113	529	24	1	1.88	3.36	6	673	1,261	2	4	62	76	1,399	5	684	0	596
6:00 - 6:30	100	499	19	0	1.87	3.00	5	623	1,160	2	3	62	57	1,279	4	632	0	240
6:30 - 7:00	623	107	3	0	1.16	3.33	1	734	848	2	1	62	19	929	1	738	0	149
7:00 - 7:30	563	86	1	0	1.14	3.00	4	654	742	0	0	0	0	742	4	658	0	115
7:30 - 8:00	379	46	0	1	1.13	12.00	0	426	483	0	0	0	0	483	1	427	0	0
Vehicles	2,885	3,280	190	42			49	6,446	10,595	12	33	336	627	11,558	56	6,547	0	1,619
Persons	2,885	6,560	597	504														

	HOV Restricted	
	5 Hour (3:30 PM - 6:30 PM)	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	11,558	8,718
Rail Passengers	1,619	1,355
Auto and Motorcycle Passengers	10,595	7,855
Autos and Motorcycles	6,446	4,122
Average Auto Occupancy (Includes Motorcycles)	1.64	1.91

I-270 D
 I-270 North between Middlebrook Road and MD 118
 Conventional Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC			Total Auto Riders + MC			Total Auto Passengers + MC	Trucks	Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	Van-pools	Auto Occ.	Auto Occ.				Auto Occ.	Van-pools + MC	Riders	Transit	Other	Bus Passengers + Bus Pass.				
3:00 - 3:30	1,535	187	24	1	1.15	3.88	3	1,750	2,009	0	1	0	21	2,030	77	1,828	0	0				
3:30 - 4:00	2,419	200	30	0	1.10	3.33	0	2,649	2,919	0	0	0	0	2,919	110	2,759	0	0				
4:00 - 4:30	2,732	180	20	0	1.08	3.55	1	2,933	3,164	0	1	0	21	3,185	68	3,002	0	0				
4:30 - 5:00	3,080	204	16	2	1.08	4.00	1	3,303	3,561	0	1	0	21	3,582	71	3,375	0	0				
5:00 - 5:30	3,254	216	20	5	1.09	4.96	1	3,496	3,811	0	3	0	63	3,874	60	3,559	0	0				
5:30 - 6:00	3,434	185	24	0	1.07	3.33	1	3,644	3,895	0	2	0	42	3,927	38	3,684	0	0				
6:00 - 6:30	2,992	256	27	0	1.10	3.30	3	3,278	3,596	0	0	0	0	3,596	37	3,315	0	0				
6:30 - 7:00	2,687	368	32	1	1.15	3.94	5	3,093	3,588	0	3	0	63	3,621	50	3,146	0	0				
7:00 - 7:30	2,217	339	22	2	1.16	4.13	4	2,584	2,998	0	1	0	21	3,019	48	2,633	0	0				
7:30 - 8:00	1,878	288	21	1	1.16	3.86	5	2,193	2,544	0	1	0	21	2,565	38	2,232	0	0				
Vehicles	26,228	2,423	236	12			24	28,923	32,045	0	13	0	273	32,318	597	29,533	0	0				
Persons	26,228	4,846	803	144																		

	HOV Restricted		Peak Hour
	Period	Period	
5 Hour	(3:30 PM - 6:30 PM)	(5:00 PM - 6:00 PM)	
Highway Passengers	32,318	21,083	7,801
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	32,045	20,936	7,696
Autos and Motorcycles	28,923	19,303	7,140
Average Auto Occupancy (Includes Motorcycles)	1.11	1.08	1.08

I-270 E
 I-270 North between MD 121 and MD 109
 Facility Total
 No HOV restrictions at this location
 Spring, 2004

Time	Autos			3+ Autos	Van-pools	Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Buses			Bus Passengers			Total Auto Passengers + MC Riders + Bus Pass.		Trucks	Vehicles	Rail	
	1	2	3+					Avg. Auto Occ.	Van-pools + MC	Transit	Other	Trans	Other	Total	Metro	Comm.					
3:00 - 3:30	1,075	271	7	3	3	1.24	5.90	2	1,358	0	6	0	114	1,792	70	1,434	0	0			
3:30 - 4:00	1,074	231	5	2	2	1.20	6.29	3	1,315	0	2	0	38	1,621	55	1,372	0	0			
4:00 - 4:30	921	271	6	1	1	1.25	4.57	7	1,206	0	3	0	57	1,559	73	1,282	0	0			
4:30 - 5:00	1,328	379	37	10	10	1.33	5.17	8	1,762	0	4	0	76	2,413	70	1,836	0	0			
5:00 - 5:30	1,410	377	21	12	12	1.30	6.36	13	1,833	0	3	0	57	2,444	79	1,915	0	0			
5:30 - 6:00	1,040	364	8	2	2	1.28	4.80	4	1,418	0	2	0	38	1,858	35	1,455	0	0			
6:00 - 6:30	1,017	282	0	0	0	1.22	0.00	4	1,303	0	1	0	19	1,604	27	1,331	0	0			
6:30 - 7:00	1,152	222	8	1	1	1.18	4.22	2	1,385	0	1	0	19	1,655	46	1,432	0	0			
7:00 - 7:30	1,235	329	21	0	0	1.24	3.19	4	1,589	0	3	0	57	2,021	48	1,640	0	0			
7:30 - 8:00	1,007	239	14	1	1	1.22	3.87	11	1,272	0	3	0	57	1,611	79	1,354	0	0			
Vehicles	11,259	2,965	127	32	32		58	14,441	18,046	0	28	0	532	18,578	582	15,051	0	0			
Persons	11,259	5,930	415	384	384																

Peak Hour
 (4:30 PM - 5:30 PM)
 4,857

	5 Hour	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	18,578	4,857
Rail Passengers	0	0
Auto and Motorcycle Passengers	18,046	4,724
Autos and Motorcycles	14,441	3,595
Average Auto Occupancy (Includes Motorcycles)	1.25	1.31

I-270 F

I-270 Spur North between Democracy Boulevard and the "Split"

Facility Total

HOV Restriction Period: 3:30 PM - 6:30 PM

Spring, 2004

Time	1			2			3+			3+Autos+ Motor-cycles (MC)	Total Autos Van-pools + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Auto Passengers + MC	Total Rail
	Autos	Autos	Autos	Van-pools	Van-pools	Van-pools	Avg. Auto Occ.	Avg. Van-pools	Avg. Auto Occ.				Transit	Other	Trans	Other	Trans	Other		
3:00 - 3:30	1,420	208	8	1	1.15	4.67	2	1,639	1,880	0	5	0	105	1,985	70	1,714	0	0	0	0
3:30 - 4:00	2,206	263	16	9	1.16	6.44	4	2,498	2,897	0	3	0	63	2,960	73	2,574	0	0	0	0
4:00 - 4:30	2,395	361	16	9	1.18	6.56	3	2,784	3,284	0	4	0	84	3,368	74	2,862	0	0	0	0
4:30 - 5:00	2,293	300	19	3	1.15	4.68	3	2,618	2,999	0	1	0	21	3,020	45	2,664	0	0	0	0
5:00 - 5:30	2,234	313	13	5	1.16	5.72	1	2,566	2,964	0	4	0	84	3,048	56	2,626	0	0	0	0
5:30 - 6:00	2,475	325	86	5	1.19	3.53	1	2,892	3,447	0	1	0	21	3,468	53	2,946	0	0	0	0
6:00 - 6:30	2,292	293	23	1	1.14	3.63	6	2,615	2,971	4	1	35	21	3,027	27	2,547	0	0	0	0
6:30 - 7:00	2,604	311	17	1	1.12	3.78	4	2,937	3,298	1	0	5	0	3,303	44	2,982	0	0	0	0
7:00 - 7:30	2,374	173	8	1	1.08	4.33	3	2,559	2,762	3	0	12	0	2,774	65	2,627	0	0	0	0
7:30 - 8:00	2,052	178	25	3	1.12	4.32	0	2,258	2,529	0	1	0	21	2,550	36	2,295	0	0	0	0
Vehicles	22,345	2,725	231	38			27	25,366	29,031	8	20	52	420	29,503	543	25,937	0	0	0	0
Persons	22,345	5,450	753	456																

HOV Restricted

	5 Hour	Period		Peak Hour
		(3:30 PM - 6:30 PM)	(5:00 PM - 6:00 PM)	
Highway Passengers	29,503	18,891	6,516	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	29,031	18,562	6,411	
Autos and Motorcycles	25,366	15,973	5,458	
Average Auto Occupancy (Includes Motorcycles)	1.14	1.16	1.17	

I-270 F
 I-270 Spur North between Democracy Boulevard and the "Split"
 HOV Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Total Autos + MC	Buses			Bus Passengers			Total Auto Passengers + MC			Total Vehicles	Rail Metro Comm.
	1	2	1	2	1	2					Transit	Other	Trans	Other	Riders	Trucks	Other	Riders	Trucks		
3:00 - 3:30	494	91	5	0	1.17	3.00	2	592	693	0	0	0	0	0	0	0	693	0	592	0	0
3:30 - 4:00	457	141	8	8	1.40	7.56	3	617	863	0	0	0	0	0	0	0	863	3	620	0	0
4:00 - 4:30	422	267	9	8	1.54	7.65	2	708	1,088	0	0	0	0	0	0	0	1,088	2	710	0	0
4:30 - 5:00	236	227	9	2	1.58	5.27	2	476	750	0	0	0	0	0	0	0	750	0	476	0	0
5:00 - 5:30	189	227	6	3	1.64	6.22	1	426	700	0	0	0	0	0	0	0	700	1	427	0	0
5:30 - 6:00	244	225	15	3	1.60	4.67	1	488	779	0	1	0	21	0	0	0	800	2	491	0	0
6:00 - 6:30	247	223	17	0	1.53	3.12	3	490	749	4	1	35	21	0	0	0	805	1	496	0	0
6:30 - 7:00	484	165	5	0	1.27	3.40	3	657	834	1	0	5	0	0	0	0	839	0	658	0	0
7:00 - 7:30	351	56	0	1	1.16	12.00	0	408	475	3	0	12	0	0	0	0	487	0	411	0	0
7:30 - 8:00	564	83	11	1	1.18	3.92	0	659	777	0	0	0	0	0	0	0	777	0	659	0	0
Vehicles	3,688	1,705	85	26			17	5,521	7,708	8	2	52	42	9	5,540		7,802			0	0
Persons	3,688	3,410	281	312																	

HOV Restricted	Period		Peak Hour
	3:30 PM - 6:30 PM	5:00 PM - 6:00 PM	
5 Hour	7,802	5,006	1,500
Highway Passengers	0	0	0
Rail Passengers	7,708	4,929	1,479
Auto and Motorcycle Passengers	5,521	3,205	914
Average Auto Occupancy (Includes Motorcycles)	1.40	1.54	1.62

I-270 F

I-270 Spur North between Democracy Boulevard and the "Split"

Conventional Total

HOV Restriction Period: 3:30 PM - 6:30 PM

Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Total Rail Metro Comm.	
	1	2	3+	Van-pools	Auto Occ.	Van-pools				+ MC	Riders	+ MC	Trans	Other	Bus Passengers		Other
3:00 - 3:30	926	117	3	1	1.13	6.75	0	1.047	1,187	0	5	0	105	1,292	70	1,122	0
3:30 - 4:00	1,749	122	8	1	1.08	4.44	1	1,881	2,034	0	3	0	63	2,097	70	1,954	0
4:00 - 4:30	1,973	94	7	1	1.06	4.25	1	2,076	2,196	0	4	0	84	2,280	72	2,152	0
4:30 - 5:00	2,057	73	10	1	1.05	4.09	1	2,142	2,249	0	1	0	21	2,270	45	2,188	0
5:00 - 5:30	2,045	86	7	2	1.06	5.22	0	2,140	2,264	0	4	0	84	2,348	55	2,199	0
5:30 - 6:00	2,231	100	71	2	1.11	3.25	0	2,404	2,668	0	0	0	0	2,668	51	2,455	0
6:00 - 6:30	2,045	70	6	1	1.05	4.86	3	2,125	2,222	0	0	0	0	2,222	26	2,151	0
6:30 - 7:00	2,120	146	12	1	1.08	3.92	1	2,280	2,464	0	0	0	0	2,464	44	2,324	0
7:00 - 7:30	2,023	117	8	0	1.06	3.38	3	2,151	2,287	0	0	0	0	2,287	65	2,216	0
7:30 - 8:00	1,488	95	14	2	1.10	4.63	0	1,599	1,752	0	1	0	21	1,773	36	1,636	0
Vehicles	18,657	1,020	146	12			10	19,845		0	18	0	378	21,701	534	20,397	0
Persons	18,657	2,040	472	144				21,323									0

HOV Restricted

5 Hour	Period		Peak Hour
	(3:30 PM - 6:30 PM)	(5:00 PM - 6:00 PM)	
21,701	13,885	5,016	
0	0	0	
21,323	13,633	4,932	
19,845	12,768	4,544	
1.07	1.07	1.09	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

I-270 A and I-270 F
 I-270 North between MD 187 and the "Split"
 Facility Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+ Autos+ Motor-cycles (MC)			Total Autos + MC			Total Auto Passengers + MC			Total Rail							
	Autos	Autos	Autos	Van-pools	Avg. Auto Occ.	Van-pools	Avg. Auto Occ.	Van-pools	Avg. Auto Occ.	Motor-cycles (MC)	Van-pools	Avg. Auto Occ.	Van-pools	Avg. Auto Occ.	Motor-cycles (MC)	Van-pools	Avg. Auto Occ.	Motor-cycles (MC)	Trans	Other	Riders	Trucks	Vehicles	Metro	Comm.	
3:00 - 3:30	3,754	623	31	5	1.17	4.72	7	4,420	5,177	0	14	0	294	5,471	163	4,597	0	0	0	0	0	0	0	0	0	0
3:30 - 4:00	4,621	900	44	16	1.21	5.70	12	5,593	6,775	2	8	18	168	6,961	191	5,794	0	0	0	0	0	0	0	0	0	0
4:00 - 4:30	4,543	734	28	15	1.18	6.49	14	5,334	6,304	1	4	9	84	6,397	193	5,532	0	0	0	0	0	0	0	0	0	0
4:30 - 5:00	4,404	889	58	21	1.23	5.71	25	5,397	6,658	2	6	18	126	6,802	147	5,552	0	0	0	0	0	0	0	0	0	0
5:00 - 5:30	4,365	859	49	13	1.21	5.11	19	5,305	6,419	2	10	19	210	6,648	137	5,454	0	0	0	0	0	0	0	0	0	0
5:30 - 6:00	5,089	859	109	9	1.20	3.83	16	6,112	7,335	2	5	42	105	7,482	106	6,225	0	0	0	0	0	0	0	0	0	0
6:00 - 6:30	4,759	814	50	3	1.17	3.87	15	5,641	6,607	5	6	49	126	6,782	62	5,714	0	0	0	0	0	0	0	0	0	0
6:30 - 7:00	4,880	724	40	2	1.15	4.52	10	5,656	6,526	2	2	12	42	6,582	101	5,761	0	0	0	0	0	0	0	0	0	0
7:00 - 7:30	4,242	597	34	1	1.15	4.97	12	4,886	5,622	3	4	12	84	5,718	112	5,005	0	0	0	0	0	0	0	0	0	0
7:30 - 8:00	3,855	649	67	4	1.19	4.07	7	4,582	5,449	0	2	0	42	5,491	89	4,673	0	0	0	0	0	0	0	0	0	0
Vehicles	44,512	7,678	510	89			137	52,926	62,874	19	61	179	1,281	64,334	1,301	54,307	0	0	0	0	0	0	0	0	0	0
Persons	44,512	15,356	1,801	1,068																						

	HOV Restricted		
	5 Hour	Peak Hour	Peak Hour
Highway Passengers	64,334	41,072	14,264
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	62,874	40,098	13,942
Auto and Motorcycle	52,926	33,382	11,753
Average Auto Occupancy (Includes Motorcycles)	1.19	1.20	1.19

I-270 A and I-270 F
 I-270 North between MD 187 and the "Split"
 HOV Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Van-pools + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Riders + Bus Pass.	Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	Transit	Other	Trucks						Trans	Other	Transit	Other	Trucks				
3:00 - 3:30	1,129	261	15	3	1.24	4.94	6	1,414	1,746	4	0	4	0	84	1,830	7	1,425	0	0				
3:30 - 4:00	565	497	21	14	1.64	6.80	8	1,105	1,805	2	1	18	21	1,844	10	1,118	0	0					
4:00 - 4:30	444	441	13	12	1.67	7.68	6	916	1,524	1	0	9	0	1,533	2	919	0	0					
4:30 - 5:00	280	683	39	19	1.96	6.19	15	1,036	2,020	2	1	18	21	2,059	2	1,041	0	0					
5:00 - 5:30	217	638	34	9	1.91	5.16	16	914	1,731	2	3	19	63	1,813	5	924	0	0					
5:30 - 6:00	279	626	29	6	1.81	4.89	9	949	1,711	2	3	42	63	1,816	7	961	0	0					
6:00 - 6:30	324	455	34	2	1.68	3.81	7	822	1,378	5	3	49	63	1,490	2	832	0	0					
6:30 - 7:00	1,014	298	8	1	1.28	8.33	6	1,327	1,691	2	0	12	0	1,703	2	1,331	0	0					
7:00 - 7:30	830	198	2	1	1.25	20.67	4	1,035	1,292	3	3	12	63	1,367	5	1,046	0	0					
7:30 - 8:00	959	220	15	2	1.24	4.76	4	1,200	1,484	0	0	0	0	1,484	0	1,200	0	0					
Vehicles	6,041	4,317	210	69			81	10,718	16,382	19	18	179	378	16,939	42	10,797	0	0					
Persons	6,041	8,634	798	828																			

	HOV Restricted		
	5 Hour	Period (3:30 PM - 6:30 PM)	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	16,939	10,555	3,306
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	16,382	10,169	3,089
Autos and Motorcycles	10,718	5,742	1,771
Average Auto Occupancy (Includes Motorcycles)	1.53	1.77	1.74

I-270 A and I-270 F
 I-270 North between MD 187 and the "Split"
 Conventional Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2004

Time	Autos			Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles Van-pools (MC)	Total Autos + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Trucks	Total Vehicles	Rail Metro Comm.
	1	2	3+				Riders	Transit	Other	Trans	Other	Riders + Bus Pass.	Riders + MC				
3:00 - 3:30	2,625	362	16	2	1.14	4.50	1	3,006	0	10	0	210	3,641	156	3,172	0	0
3:30 - 4:00	4,056	403	23	2	1.11	4.16	4	4,488	0	7	0	147	5,117	181	4,676	0	0
4:00 - 4:30	4,099	293	15	3	1.08	4.83	8	4,418	0	4	0	84	4,864	191	4,613	0	0
4:30 - 5:00	4,124	206	19	2	1.06	4.38	10	4,361	0	5	0	105	4,743	145	4,511	0	0
5:00 - 5:30	4,148	221	15	4	1.07	5.00	3	4,391	0	7	0	147	4,835	132	4,530	0	0
5:30 - 6:00	4,810	263	80	3	1.09	3.39	7	5,163	0	2	0	42	5,666	99	5,264	0	0
6:00 - 6:30	4,435	359	16	1	1.09	4.00	8	4,819	0	3	0	63	5,292	60	4,882	0	0
6:30 - 7:00	3,866	426	32	1	1.12	3.48	4	4,329	0	2	0	42	4,879	99	4,430	0	0
7:00 - 7:30	3,412	399	32	0	1.12	3.50	8	3,851	0	1	0	21	4,351	107	3,959	0	0
7:30 - 8:00	2,896	429	52	2	1.17	3.85	3	3,382	0	2	0	42	4,007	89	3,473	0	0
Vehicles	38,471	3,361	300	20			56	42,209	0	43	0	903	47,395	1,259	43,510	0	0
Persons	38,471	6,722	1,003	240				46,492									

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	47,395	(3:30 PM - 6:30 PM)	10,958
Rail Passengers	0	(5:30 PM - 6:30 PM)	0
Auto and Motorcycle Passengers	46,492		10,853
Autos and Motorcycles	42,208		9,982
Average Auto Occupancy (Includes Motorcycles)	1.10		1.08

Va 267 A
 Va 267 W between Spring Hill Road and Route 7 at main toll plaza
 Facility Total
 No HOV restrictions at this location
 Spring, 2004

Time	Autos			Van- pools	Avg. Auto Occ.	3+ Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC			Total Auto Persons + MC			Total Auto Passengers + MC			Total Vehicles	Total Rail Metro Comm.
	1	2	3+					Van- pools	3+ Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Van-pools + MC	Autos + MC	Total Persons + MC	Bus Passengers Trans	Bus Pass. Other	Riders + Bus Pass.		
3:00 - 3:30	1,359	239	42	1	1.20	3.16	24	1,665	1,997	3	0	12	0	2,009	47	1,715	0	0
3:30 - 4:00	2,079	327	81	5	1.22	3.49	23	2,515	3,056	8	0	63	0	3,119	69	2,592	0	0
4:00 - 4:30	2,182	394	84	7	1.23	3.51	6	2,673	3,295	12	0	154	0	3,449	63	2,748	0	0
4:30 - 5:00	2,306	468	68	9	1.24	3.88	21	2,872	3,562	12	1	181	40	3,783	46	2,931	0	0
5:00 - 5:30	2,879	479	72	8	1.20	3.79	11	3,449	4,151	13	2	281	80	4,512	49	3,513	0	0
5:30 - 6:00	3,025	487	79	0	1.18	2.85	21	3,612	4,245	12	12	445	480	5,170	52	3,688	0	0
6:00 - 6:30	2,622	429	60	0	1.17	2.75	16	3,127	3,661	14	2	478	80	4,219	46	3,189	0	0
6:30 - 7:00	1,620	189	44	0	1.14	2.73	2	1,855	2,120	12	0	273	0	2,393	19	1,886	0	0
7:00 - 7:30																		
7:30 - 8:00																		
Vehicles	18,072	3,012	530	30			124	21,768	26,087	86	17	1,887	680	28,654	391	22,262	0	0
Persons	18,072	6,024	1,507	360														

[Count ended due to bad weather]

Peak Hour
 (5:00 PM -
 - 6:00 PM)

Highway Passengers	28,654	9,682
Rail Passengers	0	0
Auto and Motorcycle Passengers	26,087	8,396
Autos and Motorcycles	21,768	7,061
Average Auto Occupancy (Includes Motorcycles)	1.20	1.19

Va 267 B

Va 267 West between Trap Road and Hunter Mill Road (outbound)

Conventional Total

HOV Restriction: 4:00 PM - 6:30 PM

Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			3+ Autos+ Motor-cycles (MC)			Total Auto Persons + MC			Total Auto Passengers + MC			
	1	2	3+	Van-pools	Van-pools	Van-pools	Avg. Auto Occ.	Avg. Auto Occ.	Avg. Auto Occ.	Van-pools	Van-pools	Van-pools	Riders	Trans	Other	Trucks	Vehicles	Rail	Metro Comm.
3:00 - 3:30	674	71	6	0	1.11	3.50	0	1.11	3.50	0	751	837	0	0	0	837	44	795	0
3:30 - 4:00	1,546	107	10	1	1.09	4.18	3	1.667	1,809	0	1,667	1,809	0	0	0	1,809	56	1,723	0
4:00 - 4:30	1,932	102	9	2	1.07	5.00	2	2,047	2,193	0	2,047	2,193	0	0	0	2,193	48	2,095	0
4:30 - 5:00	2,142	204	16	0	1.10	3.06	4	2,366	2,603	0	2,366	2,603	0	0	0	2,603	60	2,426	0
5:00 - 5:30	2,421	207	20	2	1.11	4.27	8	2,658	2,937	0	2,658	2,937	0	0	0	2,937	43	2,701	0
5:30 - 6:00	2,541	186	11	1	1.08	4.00	2	2,741	2,963	0	2,741	2,963	0	1	36	2,999	23	2,765	0
6:00 - 6:30	2,434	402	69	0	1.19	3.07	4	2,909	3,454	0	2,909	3,454	0	0	0	3,454	35	2,944	0
6:30 - 7:00	2,230	430	92	2	1.23	3.31	6	2,760	3,407	0	2,760	3,407	0	0	0	3,407	30	2,790	0
7:00 - 7:30	1,582	194	15	0	1.13	3.13	0	1,791	2,017	0	1,791	2,017	0	2	72	2,089	50	1,843	0
7:30 - 8:00	1,357	194	18	2	1.17	4.30	0	1,571	1,831	0	1,571	1,831	0	2	72	1,903	25	1,598	0
Vehicles	18,859	2,097	266	10			29	21,261	24,031		21,261	24,031		5	180	414	21,680	0	0
Persons	18,859	4,194	849	120															

HOV Restricted

5 Hour	Period	Peak Hour
	(4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)
24,231	14,186	6,453
0	0	0
24,051	14,150	6,417
21,261	12,721	5,650
1.13	1.11	1.14

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

Va 267 B

Va 267 West between Trap Road and Hunter Mill Road (outbound)

HOV Total

HOV Restriction: 4:00 PM - 6:30 PM

Spring, 2004

Time	1		2		3+		Van-pools	3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Total Autos + MC	Total Auto Passengers + MC			Total Rail Metro Comm.				
	Autos	Autos	Autos	Autos	Transit	Other					Trans	Other	Riders + Bus Pass.		Trucks	Vehicles		
3:00 - 3:30	211	7	1	0	1.04	3.00	1	220	229	9	0	209	0	438	1	230	0	0
3:30 - 4:00	398	91	6	3	1.28	6.33	5	503	642	10	2	206	80	928	4	519	0	0
4:00 - 4:30	102	153	22	6	1.96	5.25	5	288	560	14	0	352	0	912	3	305	0	0
4:30 - 5:00	76	207	50	5	2.08	3.85	4	342	706	13	1	315	40	1,061	6	362	0	0
5:00 - 5:30	110	245	21	5	1.91	4.88	15	396	742	16	2	400	80	1,222	14	428	0	0
5:30 - 6:00	76	257	6	1	1.82	4.29	10	350	630	16	4	376	160	1,166	2	372	0	0
6:00 - 6:30	266	119	6	2	1.39	5.38	0	393	547	13	2	400	80	1,027	8	418	0	0
6:30 - 7:00	437	28	1	0	1.06	3.00	0	466	496	15	1	365	40	901	5	487	0	0
7:00 - 7:30	276	44	2	0	1.15	3.50	1	323	372	11	1	254	40	606	3	338	0	0
7:30 - 8:00	513	79	7	0	1.16	3.00	4	603	696	11	0	227	0	923	4	618	0	0
Vehicles	2,465	1,230	122	22			45	3,884	5,620	130	13	3,103	520	9,243	50	4,077	0	0
Persons	2,465	2,460	386	264														

HOV Restricted

5 Hour	Period		Peak Hour
	(4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	
9,243	5,387	2,193	
0	0	0	
5,620	3,185	1,177	
3,884	1,769	743	
1.45	1.80	1.58	

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

Va 267 B
 Va 267 West between Trap Road and Hunter Mill Road (outbound)
 Facility Total
 HOV Restriction: 4:00 PM - 6:30 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Auto Occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail Vehicles	Total Metro Comm.			
	1	2	3+	Van-pools	Auto Occ.	Auto Occ.				Van-pools + MC	Riders	Transit	Other			Bus Pass. + Riders	Trucks	
3:00 - 3:30	885	78	7	0	1.10	3.43	1	971	1,066	9	0	209	0	1,275	45	1,025	0	0
3:30 - 4:00	1,944	198	16	4	1.13	5.15	8	2,170	2,451	10	2	206	80	2,737	60	2,242	0	0
4:00 - 4:30	2,034	255	31	8	1.18	5.18	7	2,335	2,753	14	0	352	0	3,105	51	2,400	0	0
4:30 - 5:00	2,218	411	66	5	1.22	3.68	8	2,708	3,309	13	1	315	40	3,664	66	2,788	0	0
5:00 - 5:30	2,531	452	41	7	1.21	4.60	23	3,054	3,679	16	2	400	80	4,159	57	3,129	0	0
5:30 - 6:00	2,617	443	17	2	1.16	4.11	12	3,091	3,593	15	5	376	196	4,165	25	3,137	0	0
6:00 - 6:30	2,700	521	75	2	1.21	3.31	4	3,302	4,001	15	2	400	80	4,481	43	3,362	0	0
6:30 - 7:00	2,667	458	93	2	1.21	3.31	6	3,226	3,903	15	1	365	40	4,308	35	3,277	0	0
7:00 - 7:30	1,858	238	17	0	1.13	3.18	1	2,114	2,389	11	3	254	112	2,755	53	2,181	0	0
7:30 - 8:00	1,870	273	25	2	1.16	3.96	4	2,174	2,527	11	2	227	72	2,826	29	2,216	0	0
Vehicles	21,324	3,327	388	32			74	25,145	29,671	130	18	3,103	700	33,474	464	25,757	0	0
Persons	21,324	6,654	1,235	384														

	HOV Restricted		Peak Hour
	5 Hour	Period	
Highway Passengers	33,474	19,573	8,646
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,671	17,335	7,594
Autos and Motorcycles	25,145	14,490	6,393
Average Auto Occupancy (Includes Motorcycles)	1.18	1.20	1.19

Va 267 C
 Va 267 Westbound (East of Rt 7100, outbound)
 Facility Total
 No HOV restrictions at this facility
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC		Total Rail Vehicles	Rail Comm.			
	Autos	Autos	Autos	Autos	Van-pools	Van-pools				Transit	Other	Bus Passengers	Other			Trucks	Metro	Comm.
3:00 - 3:30	1,615	194	18	2	1.14	4.20	4	1.833	2,091	0	7	0	252	2,343	85	1,925	0	0
3:30 - 4:00	2,389	360	27	7	1.18	5.03	8	2,791	3,288	0	6	0	144	3,432	82	2,879	0	0
4:00 - 4:30	2,292	346	41	8	1.20	4.84	9	2,696	3,230	0	1	0	36	3,266	47	2,744	0	0
4:30 - 5:00	2,370	421	65	8	1.23	4.08	10	2,874	3,520	0	8	0	180	3,700	72	2,954	0	0
5:00 - 5:30	2,214	480	39	10	1.25	5.16	21	2,764	3,448	0	6	0	36	3,484	54	2,824	0	0
5:30 - 6:00	2,511	432	15	2	1.16	4.29	16	2,976	3,464	0	9	0	144	3,608	23	3,008	0	0
6:00 - 6:30	2,517	331	35	2	1.15	3.76	2	2,887	3,320	0	3	0	72	3,392	47	2,937	0	0
6:30 - 7:00	2,467	283	25	0	1.12	3.36	4	2,779	3,121	0	1	0	36	3,157	44	2,824	0	0
7:00 - 7:30	2,049	322	24	0	1.16	3.38	7	2,402	2,781	0	3	0	72	2,853	33	2,438	0	0
7:30 - 8:00	2,011	329	23	1	1.17	3.67	5	2,369	2,762	1	5	21	180	2,963	25	2,400	0	0
Vehicles	22,435	3,498	312	40			86	26,371		1	49	21	1,152	32,198	512	26,933	0	0
Persons	22,435	6,996	1,028	480				31,025										

HOV Restricted

5 Hour	Period		Peak Hour
	(4:00 PM - 6:30 PM)	(5:30 PM - 7:00 PM)	
32,198	17,450	7,000	
0	0	0	
31,025	16,982	6,784	
26,371	14,197	5,863	
1.18	1.20	1.16	

Highway Passengers
 Rail Passengers
 Auto and Motorcycle Passengers
 Autos and Motorcycles
 Average Auto Occupancy
 (Includes Motorcycles)

Va 267 C
 Va 267 Westbound (East of Rt 7100, outbound)
 HOV Total
 No HOV restrictions at this facility
 Spring, 2004

Time	1		2		3+		Van-pools	3+ Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ. (MC)	Total Autos + MC	Total Auto Persons + MC	Bus Passengers			Total Auto Passengers + MC			Rail Vehicles	Metro Comm.	
	Autos	Autos	Autos	Autos	Trans	Other						Trucks	Other	Trans	Other	Trucks	Other			Trans
3:00 - 3:30	211	7	1	0	1.04	3.00	1	220	229	0	0	0	0	0	0	229	1	221	0	0
3:30 - 4:00	398	91	6	3	1.28	6.33	5	503	642	0	2	0	0	0	0	642	4	509	0	0
4:00 - 4:30	102	153	22	6	1.96	5.25	5	288	560	0	0	0	0	0	0	560	3	291	0	0
4:30 - 5:00	76	207	50	5	2.08	3.85	4	342	706	0	3	0	0	0	0	706	6	351	0	0
5:00 - 5:30	110	245	21	5	1.91	4.88	15	396	742	0	5	0	0	0	0	742	14	415	0	0
5:30 - 6:00	76	257	6	1	1.82	4.29	10	350	630	0	5	0	0	0	0	630	2	357	0	0
6:00 - 6:30	266	119	6	2	1.39	5.38	0	393	547	0	1	0	0	0	0	547	8	402	0	0
6:30 - 7:00	437	28	1	0	1.06	3.00	0	466	496	0	0	0	0	0	0	496	5	471	0	0
7:00 - 7:30	276	44	2	0	1.15	3.50	1	323	372	0	1	0	0	0	0	372	3	327	0	0
7:30 - 8:00	513	79	7	0	1.16	3.00	4	603	696	0	0	0	0	0	0	696	4	607	0	0
Vehicles	2,465	1,230	122	22			45	3,884	0	17	0	0	0	0	0	50	3,951	0	0	0
Persons	2,465	2,460	386	264				5,620								5,620				

HOV Restricted

5 Hour	Peak Hour		
	(4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	6:30 PM
5,620	3,185	1,177	1,177
0	0	0	0
5,620	3,185	1,177	1,177
3,884	1,769	743	743
1.45	1.80	1.58	1.58

Highway Passengers
 Rail Passengers
 Auto and Motorcycle Passengers
 Autos and Motorcycles
 Average Auto Occupancy
 (Includes Motorcycles)

Va 267 C
 Va 267 Westbound (East of RT 7100, outbound)
 Conventional Total
 No HOV restrictions at this facility
 Spring, 2004

Time	Autos			3+ Autos+ Motorcycles (MC)	Van-pools			Avg. Van-pool Auto Occ.	Buses			Bus Passengers			Total Auto Passengers + MC	Total Riders + Bus Pass. + MC	Trucks	Vehicles	Rail Metro Comm.
	1	2	3+		Van-pools	Van-pools	Van-pools + MC		Transit	Other	Trans	Other	Total	Total					
3:00 - 3:30	1,404	187	17	2	1.15	4.26	3	1,613	1,862	0	7	0	252	2,114	84	1,704	0	0	
3:30 - 4:00	1,991	269	21	4	1.16	4.56	3	2,288	2,646	0	4	0	144	2,790	78	2,370	0	0	
4:00 - 4:30	2,190	193	19	2	1.11	4.29	4	2,408	2,670	0	1	0	36	2,706	44	2,453	0	0	
4:30 - 5:00	2,294	214	15	3	1.11	4.78	6	2,532	2,814	1	5	21	180	3,015	66	2,604	0	0	
5:00 - 5:30	2,104	235	18	5	1.14	5.48	6	2,388	2,706	1	1	31	36	2,773	40	2,410	0	0	
5:30 - 6:00	2,435	175	9	1	1.08	4.30	6	2,626	2,834	3	4	83	144	3,061	21	2,654	0	0	
6:00 - 6:30	2,251	212	29	0	1.11	3.31	2	2,494	2,773	1	2	21	72	2,866	39	2,536	0	0	
6:30 - 7:00	2,030	255	24	0	1.14	3.38	4	2,313	2,625	1	1	31	36	2,692	39	2,354	0	0	
7:00 - 7:30	1,773	278	22	0	1.16	3.36	6	2,079	2,409	1	2	21	72	2,502	30	2,112	0	0	
7:30 - 8:00	1,498	250	16	1	1.17	3.94	1	1,766	2,066	1	5	21	180	2,267	21	1,793	0	0	
Vehicles	19,970	2,268	190	18			41	22,487	25,405	9	32	229	1,152	26,786	462	22,990	0	0	
Persons	19,970	4,536	642	216															

	HOV Restricted		Peak Hour
	Period	Period	
5 Hour	(4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	
Highway Passengers	26,786	14,421	5,927
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	25,405	13,797	5,607
Auto and Motorcycles	22,487	12,428	5,120
Average Auto Occupancy (Includes Motorcycles)	1.13	1.11	1.10

Va 287 D
 Va 267 (Dulles Toll Road) Westbound exiting to Va 28 and Greenway (outbound)
 Facility Total
 No HOV restrictions at this facility
 Spring, 2004

Time	Autos			3+ Autos+ Motor-cycles (MC)	Van-pools	Avg. Auto Occ.	Van-pools	Total Autos + MC			Total Auto Passengers + MC Riders			Trucks	Total Vehicles		Rail Metro Comm.	
	1	2	3+					Van-pools	3+ Autos+ Motor-cycles (MC)	Van-pools	Avg. Auto Occ.	Van-pools	3+ Autos+ Motor-cycles (MC)		Van-pools	3+ Autos+ Motor-cycles (MC)		Bus Passengers
3:00 - 3:30	1,165	130	13	0	1.12	3.46	1	1,309	1,471	0	1	0	36	1,507	55	1,365	0	0
3:30 - 4:00	2,253	193	15	5	1.11	5.45	3	2,469	2,751	0	2	0	36	2,787	240	2,711	0	0
4:00 - 4:30	2,468	200	14	5	1.11	5.79	23	2,710	3,001	0	8	0	288	3,289	73	2,791	0	0
4:30 - 5:00	2,971	227	20	8	1.11	6.07	4	3,230	3,599	0	8	0	144	3,743	76	3,314	0	0
5:00 - 5:30	2,919	300	34	7	1.14	4.66	1	3,261	3,711	0	3	0	72	3,783	55	3,319	0	0
5:30 - 6:00	2,927	277	107	1	1.15	3.10	4	3,316	3,820	0	3	0	108	3,928	53	3,372	0	0
6:00 - 6:30	2,895	242	22	0	1.09	3.18	3	3,162	3,452	0	4	0	144	3,596	56	3,222	0	0
6:30 - 7:00	2,601	222	20	1	1.10	3.76	2	2,846	3,126	0	1	0	36	3,162	57	2,904	0	0
7:00 - 7:30	1,696	154	9	1	1.10	4.10	3	1,863	2,048	0	1	0	36	2,084	38	1,902	0	0
7:30 - 8:00	1,862	118	16	1	1.08	3.76	0	1,997	2,162	0	0	0	0	2,162	28	2,025	0	0
Vehicles	23,757	2,063	270	29			44	26,163	29,141	0	31	0	900	30,041	731	26,925	0	0
Persons	23,757	4,126	866	348														

Peak Hour
 (5:00 PM - 6:00 PM)

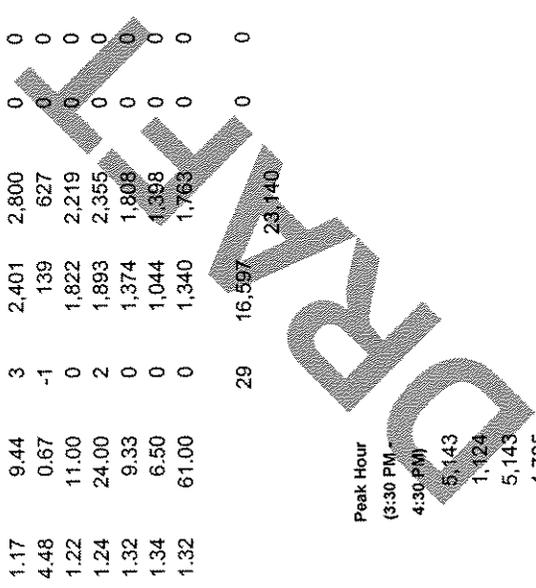
	5 Hour	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	30,041	7,711
Rail Passengers	0	0
Auto and Motorcycle Passengers	29,141	7,531
Autos and Motorcycle	26,163	6,577
Average Auto Occupancy (includes Motorcycles)	1.11	1.15

US 50A
 US 50 Eastbound between MD 410 and New Carrollton
 Facility Total
 247 HOV-2 east of this location
 Spring, 2004

Time	Autos			Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Buses			Bus Passengers			Total Auto Passengers + MC		Total Vehicles			Rail Metro Comm.
	1	2	3+				Van-pools	Transit	Other	Trans	Other	Riders	+ Bus Pass.	Trucks	Vehicles	Rail				
3:00 - 3:30	1,208	46	590	1	2.72	5.95	4	1,849	5,027	0	0	0	0	0	5,027	80	1,929	338	0	
3:30 - 4:00	2,331	87	9	0	1.07	4.33	12	2,439	2,603	0	0	0	0	0	2,603	103	2,542	392	0	
4:00 - 4:30	2,170	93	24	0	1.11	2.88	9	2,296	2,540	0	0	0	0	0	2,540	79	2,375	732	0	
4:30 - 5:00	2,289	100	7	2	1.17	9.44	3	2,401	2,800	0	0	0	0	0	2,800	77	2,478	820	0	
5:00 - 5:30	160	-29	8	1	4.48	0.67	-1	139	627	0	0	0	0	0	627	7	146	997	0	
5:30 - 6:00	1,806	12	3	1	1.22	11.00	0	1,822	2,219	0	0	0	0	0	2,219	24	1,846	1,154	0	
6:00 - 6:30	1,860	29	2	0	1.24	24.00	2	1,893	2,355	0	0	0	0	0	2,355	20	1,913	953	0	
6:30 - 7:00	1,335	33	4	2	1.32	9.33	0	1,374	1,808	0	0	0	0	0	1,808	51	1,425	659	0	
7:00 - 7:30	1,020	18	6	0	1.34	6.50	0	1,044	1,398	0	0	0	0	0	1,398	40	1,084	253	0	
7:30 - 8:00	1,273	66	1	0	1.32	61.00	0	1,340	1,763	0	0	0	0	0	1,763	60	1,400	240	0	
Vehicles	15,452	455	654	7			29	16,597	23,140	0	0	0	0	0	23,140	541	17,138	6,538	0	
Persons	17,700	1,446	3,882	84																
Highway Passengers																				
Rail Passengers																				
Auto and Motorcycle Passengers																				
Autos and Motorcycles																				
Average Auto Occupancy																				
(Includes Motorcycles)																				

Peak Hour
 (3:30 PM - 4:30 PM)

5 Hour
 23,140
 6,538
 23,140
 16,597
 1.39



US 50 B eastbound
 US 50 Between I-95/I-495 and MD 704
 Facility Total
 HOV lane begins just east of this location
 Spring, 2004

Time	1 2 3+			Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles (MC)	Total Auto + MC		Total Auto + MC Riders		Buses		Bus Passengers			Passengers +MC Riders		Total		Rail	
	Autos	Autos	Vans				Transit	Other	Transit	Other	Trans	Other	+ Bus Pass	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks
3:00 - 3:30	1,935	235	27	1.14	3.75	4	2,202	2,514	1	6	9	126	2,649	115	2,324	0	0	0	0	0	0
3:30 - 4:00	2,819	332	19	1.14	5.04	17	3,192	3,621	1	2	6	42	3,669	169	3,364	0	0	0	0	0	0
4:00 - 4:30	3,703	422	30	1.13	4.72	11	4,172	4,728	3	4	43	84	4,855	187	4,366	0	0	0	0	0	0
4:30 - 5:00	3,445	431	32	1.14	4.19	10	3,922	4,468	1	8	31	168	4,667	226	4,157	0	0	0	0	0	0
5:00 - 5:30	3,438	405	37	1.13	3.42	4	3,885	4,382	3	8	61	168	4,611	87	3,983	0	0	0	0	0	0
5:30 - 6:00	3,327	406	25	1.12	3.24	5	3,763	4,225	3	7	54	147	4,426	88	3,861	0	0	0	0	0	0
6:00 - 6:30	2,516	319	27	1.14	4.00	5	2,869	3,275	3	7	52	147	3,474	100	2,979	0	0	0	0	0	0
6:30 - 7:00	2,249	342	30	1.18	4.47	4	2,629	3,089	2	7	26	147	3,262	85	2,723	0	0	0	0	0	0
7:00 - 7:30	2,824	390	42	1.15	3.53	6	3,263	3,762	1	5	9	105	3,876	104	3,373	0	0	0	0	0	0
7:30 - 8:00	2,227	263	20	1.12	3.25	2	2,512	2,820	1	1	6	21	2,847	98	2,612	0	0	0	0	0	0
Vehicles	28,483	3,545	289				32,409		19	55	297	1,155	38,336	1,259	33,742	0	0	0	0	0	0
Persons	28,483	7,090	955				36,884						38,336								

	HOV		Peak Hour (4:00 PM - 5:00 PM)
	5 Hour (24 Hours 7 Days)	38,336 9,522	
Highway Passengers	38,336	9,522	0
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	36,884	9,196	0
Autos and Motorcycles	32,409	8,094	0
Average Auto Occupancy (Includes Motorcycles)	1.14	1.14	1.14

US 50 C eastbound
 US 50 between MD 1977/Collington Road and MD 704/MLK, Jr. Hwy
 Facility Total
 HOV lane restricted 247
 Spring, 2004

Time	Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC		Buses			Bus Passengers			Passengers +MC		Total Vehicles	Rail Metro	Comm.
	1	2	3+					Transit	Other	Trans	Other	Riders	+ Bus Pass	Riders	+MC					
3:00 - 3:30	2,025	244	15	5	1.15	5.55	6	2,295	1	2	4	0	2,634	133	2,431	0	0			
3:30 - 4:00	2,407	247	42	1	1.13	3.42	3	2,700	1	1	10	0	3,061	157	2,859	0	0			
4:00 - 4:30	2,837	387	37	3	1.16	4.15	6	3,270	1	2	22	0	3,805	130	3,403	0	0			
4:30 - 5:00	2,645	342	93	3	1.19	3.40	11	3,094	3	2	27	0	3,693	95	3,194	0	0			
5:00 - 5:30	2,381	490	32	2	1.20	3.71	1	2,906	2	4	42	21	3,551	109	3,021	0	0			
5:30 - 6:00	2,197	481	68	2	1.24	3.51	4	2,752	1	5	23	21	3,453	60	2,818	0	0			
6:00 - 6:30	2,011	398	24	0	1.19	3.25	2	2,435	2	5	58	21	2,966	70	2,512	0	0			
6:30 - 7:00	1,745	440	35	3	1.25	4.18	0	2,223	1	5	41	21	2,846	71	2,300	0	0			
7:00 - 7:30	1,824	330	25	0	1.18	3.32	2	2,181	1	5	14	42	2,625	74	2,261	0	0			
7:30 - 8:00	1,336	278	22	1	1.21	3.78	0	1,637	1	5	4	42	2,025	102	1,745	0	0			
Vehicles	21,408	3,637	393	20				25,493	14	36	245	168	30,659	1,001	26,544	0	0			
Persons	21,408	7,274	1,289	240				30,246												

	HOV		
	5 Hour	24 Hours (5 Hours assumed)	Peak Hour (4:00 PM - 5:00 PM)
Highway Passengers	30,659	30,659	7,498
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	30,246	30,246	7,449
Autos and Motorcycles	25,493	25,493	6,364
Average Auto Occupancy (Includes Motorcycles)	1.19	1.19	1.17

US 50 C eastbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 HOV Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1		2		3+		Avg Auto Occ.	Avg Auto Occ. (MC)	Motorcycles	Total + MC	Total Auto +MC Riders			Buses			Bus Passengers			Total Vehicles			Rail Metro Comm.
	Autos	Autos	Autos	Vans	Autos	Autos					Transit	Other	Transit	Other	Trans	Other	+ Bus Pass	Trucks	Trucks	Trucks	Trucks	Trucks	
3:00 - 3:30	33	77	0	2	1.88	12.00	4	116	215	1	0	4	0	219	2	119	0	0	0	0	0	0	
3:30 - 4:00	16	119	11	0	2.00	3.45	1	147	293	1	0	10	0	303	0	148	0	0	0	0	0	0	
4:00 - 4:30	30	233	12	3	2.07	5.33	5	283	581	1	0	10	0	591	0	284	0	0	0	0	0	0	
4:30 - 5:00	48	262	42	3	2.09	3.76	9	364	750	3	0	42	0	792	2	369	0	0	0	0	0	0	
5:00 - 5:30	16	383	22	0	2.02	3.09	1	422	851	2	1	69	21	941	1	426	0	0	0	0	0	0	
5:30 - 6:00	16	358	39	2	2.11	3.51	3	418	879	1	1	45	21	945	0	420	0	0	0	0	0	0	
6:00 - 6:30	11	300	13	0	2.01	3.00	2	326	652	2	1	55	21	728	1	330	0	0	0	0	0	0	
6:30 - 7:00	11	244	14	2	2.11	4.63	0	271	573	1	1	20	21	614	0	273	0	0	0	0	0	0	
7:00 - 7:30	16	133	3	0	1.93	4.00	1	153	295	1	2	14	42	351	1	157	0	0	0	0	0	0	
7:30 - 8:00	5	63	1	0	1.94	3.00	0	69	134	1	2	4	42	180	0	72	0	0	0	0	0	0	
Vehicles	202		2,172	157	12			2,569	5,223			14	8	273	188	7	2,598	0	0	0	0	0	0
Persons	202		4,344	507	144				5,223			14	8	273	188	7	2,598	0	0	0	0	0	0

HOV	Period	Peak Hour	
		24 Hours (5 Hours assumed)	5 Hour Peak Hour (4:00 PM - 5:00 PM)
Highway Passengers	5,664	5,664	1,383
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	5,223	5,223	1,331
Auto and Motorcycle Passengers	2,569	2,569	647
Average Auto Occupancy (Includes Motorcycles)	2.03	2.03	2.06

US 50 C eastbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Conventional Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC		Buses		Bus Passengers		Passengers + MC		Total Vehicles	Rail Metro Comm.
	1 Autos	2 Autos	3+ Autos					Transit	Other	Trans	Other	+ Bus Pass	+ MC Riders				
3:00 - 3:30	1,992	167	15	3	1.11	4.83	2	2,179	2,415	0	2	0	0	2,415	131	2,312	0
3:30 - 4:00	2,391	128	31	1	1.08	3.41	2	2,553	2,758	0	1	0	0	2,758	157	2,711	0
4:00 - 4:30	2,807	154	25	0	1.07	3.44	1	2,987	3,202	0	2	0	0	3,202	130	3,119	0
4:30 - 5:00	2,597	80	51	0	1.07	3.08	2	2,730	2,916	0	2	0	0	2,916	93	2,825	0
5:00 - 5:30	2,365	107	10	2	1.06	4.83	0	2,484	2,637	0	3	0	0	2,637	108	2,595	0
5:30 - 6:00	2,181	123	29	0	1.08	3.52	1	2,334	2,530	0	4	0	0	2,530	60	2,398	0
6:00 - 6:30	2,000	98	11	0	1.06	3.55	0	2,109	2,235	0	4	0	0	2,235	69	2,182	0
6:30 - 7:00	1,734	196	21	1	1.13	3.86	0	1,952	2,211	0	4	0	0	2,211	71	2,027	0
7:00 - 7:30	1,808	197	22	0	1.12	3.23	1	2,028	2,274	0	3	0	0	2,274	73	2,104	0
7:30 - 8:00	1,331	215	21	1	1.18	3.82	0	1,568	1,845	0	3	0	0	1,845	102	1,673	0
Vehicles	21,206			1,465	236	8		22,924	25,023	0	28	0	0	25,023	994	23,946	0
Persons	21,206			2,930	782	96											

	HOV			Peak Hour
	5 Hour	24 Hours (5 Hours assumed)	25,023	
Highway Passengers	25,023	25,023	6,118	0
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	25,023	25,023	6,118	0
Autos and Motorcycles	22,924	22,924	5,717	0
Average Auto Occupancy (Includes Motorcycles)	1.09	1.09	1.07	0

US 50 C westbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Facility Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Auto + MC		Buses		Bus Passengers		Riders + Bus Pass		Total Vehicles		Rail Comm.
	1	2	3+	1	2	3+	1	2	3+					Transit	Other	Trans	Other	Trucks	Metro	Com.				
3:00 - 3:30	1,207	89	4	0	1.08	3.25	3	1,303	1,401	1	0	32	0	1,433	134	1,438	0	0	0	0	0	0	0	0
3:30 - 4:00	1,269	125	9	0	1.10	3.44	1	1,404	1,551	2	2	17	42	1,610	80	1,488	0	0	0	0	0	0	0	0
4:00 - 4:30	1,181	101	8	2	1.11	5.50	0	1,292	1,438	2	2	22	42	1,502	80	1,376	0	0	0	0	0	0	0	0
4:30 - 5:00	1,395	76	6	2	1.08	5.88	0	1,479	1,594	2	2	27	42	1,663	68	1,551	0	0	0	0	0	0	0	0
5:00 - 5:30	1,235	66	4	1	1.07	5.60	0	1,306	1,395	3	2	42	42	1,479	44	1,355	0	0	0	0	0	0	0	0
5:30 - 6:00	918	193	9	2	1.21	5.27	4	1,126	1,366	2	2	23	42	1,431	107	1,237	0	0	0	0	0	0	0	0
6:00 - 6:30	805	119	3	1	1.15	5.25	1	929	1,065	4	1	58	21	1,144	79	1,013	0	0	0	0	0	0	0	0
6:30 - 7:00	1,121	41	1	1	1.05	8.00	2	1,166	1,221	3	0	41	0	1,262	70	1,239	0	0	0	0	0	0	0	0
7:00 - 7:30	1,022	47	5	1	1.07	5.17	0	1,075	1,147	0	0	0	0	1,147	84	1,159	0	0	0	0	0	0	0	0
7:30 - 8:00	1,640	101	10	3	1.09	5.23	1	1,755	1,911	0	0	0	0	1,911	83	1,838	0	0	0	0	0	0	0	0
Vehicles	11,793	958	59	13				12,835	14,089	19	11	262	231	14,582	829	13,694	0	0	0	0	0	0	0	0
Persons	11,793	1,916	212	156																				

	HOV			Peak Hour
	5 Hour	24 Hours	(8:00 PM - 8:00 PM)	
Highway Passengers	14,582	8,461	3,058	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	14,089	8,079	3,056	
Autos and Motorcycles	12,835	7,298	2,830	
Average Auto Occupancy (Includes Motorcycles)	1.10	1.11	1.08	

US 50 C westbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 HOV Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1		2		3+		Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto Persons		Buses		Bus Passengers		Total Auto Passengers +MC		Trucks	Total Rail Comm.	
	Autos	Autos	Autos	Vans	Auto Occ.	Auto Occ.				Transit	Other	Trans	Other	+ Bus Pass	Riders	Trucks	Metrol		Comm.	
3:00 - 3:30	6	23	2	0	1.90	3.50	1	32	60	1	0	32	0	92	0	33	0	0	0	
3:30 - 4:00	4	42	2	0	2.00	4.00	1	49	97	2	2	17	42	156	0	53	0	0	0	
4:00 - 4:30	10	28	1	0	1.87	7.00	0	39	73	1	2	16	42	131	0	42	0	0	0	
4:30 - 5:00	7	14	1	0	1.77	4.00	0	22	39	2	2	15	42	96	0	26	0	0	0	
5:00 - 5:30	1	27	2	0	2.10	4.00	0	30	63	2	2	3	42	108	1	35	0	0	0	
5:30 - 6:00	11	29	0	0	1.73	0.00	2	42	71	2	2	8	42	121	0	46	0	0	0	
6:00 - 6:30	2	26	2	0	2.00	3.00	0	30	60	2	1	6	21	87	0	33	0	0	0	
6:30 - 7:00	2	27	0	0	1.93	0.00	1	30	57	1	0	2	0	59	2	33	0	0	0	
7:00 - 7:30	4	21	1	0	1.92	4.00	0	26	50	0	0	0	0	50	1	27	0	0	0	
7:30 - 8:00	2	18	0	1	2.38	12.00	1	22	51	0	0	0	0	51	1	23	0	0	0	
Vehicles	49	255	11	1				322	621	13	11	99	231	951	5	351	0	0	0	
Persons	49	510	44	12																

HOV	Period	Peak Hour	
		24 Hours	5 Hour
		(5 Hours assumed)	(7:00 PM - 8:00 PM)
Highway Passengers	951	602	101
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	621	363	101
Autos and Motorcycles	322	193	48
Average Auto Occupancy (Includes Motorcycles)	1.93	1.88	2.10

US 50 C westbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Conventional Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto Persons		Buses		Bus Passengers		Passengers +MC		Total Vehicles		Rail	
	1	2	1	2	1	2					+MC Riders	Transit	Other	Trans	Other	+ Bus Pass	Riders	Trucks	Metro	Comm.		
3:00 - 3:30	1,201	66	2	0	1.06	3.00	2	1,271	1,341	0	0	0	0	0	0	0	1,341	134	1,405	0	0	
3:30 - 4:00	1,265	83	7	0	1.07	3.29	0	1,355	1,454	0	0	0	0	0	0	0	1,454	80	1,435	0	0	
4:00 - 4:30	1,171	73	7	2	1.09	5.33	0	1,253	1,365	0	0	0	0	0	0	0	1,365	80	1,333	0	0	
4:30 - 5:00	1,388	62	5	2	1.07	6.14	0	1,457	1,555	0	0	0	0	0	0	0	1,555	68	1,525	0	0	
5:00 - 5:30	1,234	39	2	1	1.04	6.67	0	1,276	1,332	0	0	0	0	0	0	0	1,332	43	1,319	0	0	
5:30 - 6:00	907	164	9	2	1.20	5.27	2	1,084	1,295	0	0	0	0	0	0	0	1,295	107	1,191	0	0	
6:00 - 6:30	803	93	1	1	1.12	7.50	1	899	1,005	0	0	0	0	0	0	0	1,005	79	978	0	0	
6:30 - 7:00	1,119	14	1	1	1.02	8.00	1	1,136	1,164	0	0	0	0	0	0	0	1,164	68	1,204	0	0	
7:00 - 7:30	1,018	26	4	1	1.05	5.40	0	1,049	1,097	0	0	0	0	0	0	0	1,097	83	1,132	0	0	
7:30 - 8:00	1,638	83	10	2	1.07	4.67	0	1,733	1,860	0	0	0	0	0	0	0	1,860	82	1,815	0	0	
Vehicles	11,744	703	48	12				12,513	13,468	0	0	0	0	0	0	0	13,468	824	13,337	0	0	
Persons	11,744	1,406	168	144																		

	HOV			Peak Hour (7:00 PM - 8:00 PM)
	5 Hour	24 Hours (5 Hours assumed)	7,716	
Highway Passengers	13,468	7,716	2,957	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	13,468	7,716	2,957	
Autos and Motorcycles	12,513	7,105	2,782	
Average Auto Occupancy (Includes Motorcycles)	1.08	1.09	1.06	

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Facility Total
 HOV lane restricted 24/7
 Spring, 2004

Time	1			2			3+			Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC			Total Auto Persons +MC Riders			Buses			Bus Passengers + Other			Passengers +MC Riders			Total Vehicles			Rail Metro Comm.						
	Autos	Autos	Vans	Autos	Autos	Vans	Autos	Autos	Autos				MC	MC	Transit	Other	Trans	Other	Trans	Other	Trans	Other	Trans	Other	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks			
3:00 - 3:30	1,299	192	10	0	1.15	3.70	8	1,509	1,727	0	1	0	1	0	0	0	0	0	0	0	0	1,727	131	1,641	0	0	0	0	0	0	0	0	0	0			
3:30 - 4:00	1,772	211	19	3	1.14	4.27	7	2,012	2,293	1	4	6	63	2,362	127	2,144	0	0	0	0	0	2,362	127	2,144	0	0	0	0	0	0	0	0	0	0	0		
4:00 - 4:30	2,167	306	24	6	1.17	5.10	7	2,510	2,939	2	4	22	84	3,045	95	2,611	0	0	0	0	0	3,045	95	2,611	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 - 5:00	2,370	278	25	5	1.15	4.77	6	2,684	3,074	2	3	27	63	3,164	97	2,786	0	0	0	0	0	3,164	97	2,786	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 - 5:30	2,431	271	9	4	1.13	6.31	8	2,723	3,062	3	3	42	63	3,167	70	2,799	0	0	0	0	0	3,167	70	2,799	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 - 6:00	2,175	229	18	1	1.12	3.79	27	2,450	2,730	2	3	23	63	2,816	80	2,535	0	0	0	0	0	2,816	80	2,535	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 - 6:30	2,241	157	18	0	1.08	3.28	4	2,420	2,618	4	3	58	63	2,739	66	2,493	0	0	0	0	0	2,739	66	2,493	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 - 7:00	1,633	186	15	0	1.12	3.40	5	1,839	2,061	3	2	41	42	2,144	46	1,890	0	0	0	0	0	2,144	46	1,890	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 - 7:30	1,381	153	8	0	1.11	3.00	3	1,545	1,713	4	1	58	21	1,792	26	1,576	0	0	0	0	0	1,792	26	1,576	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 - 8:00	1,386	190	9	1	1.14	4.40	9	1,595	1,818	3	2	41	21	1,880	51	1,651	0	0	0	0	0	1,880	51	1,651	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicles	18,855																		2,173	155	20	21,287			24	26	24,836			789	22,126	0					
Persons	18,855																		4,346	519	240	24,035			318	483	24,836			0							

HOV	Period	Peak Hour	
		24 Hours (5 Hours assumed)	5:30 PM - 6:30 PM
Highway Passengers	24,836	24,836	6,331
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	24,035	24,035	6,136
Autos and Motorcycles	21,287	21,287	5,407
Average Auto Occupancy (Includes Motorcycles)	1.13	1.13	1.13

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 HOV Total
 HOV lane restricted 24/7
 Spring, 2004

Time	Autos			3+ Autos	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles	Total Auto + MC	Buses			Bus Passengers			Total Riders + Bus Pass	Total Vehicles	Rail Metro	Comm.	
	1	2	3+							Transit	Other	Trans	Other	Trans	Other					Trucks
3:00 - 3:30	3	74	5	0	2.04	3.20	2	84	169	0	0	0	0	0	169	1	85	0	0	
3:30 - 4:00	5	125	12	3	2.26	4.80	4	149	331	1	3	6	63	400	0	153	0	0	0	
4:00 - 4:30	9	131	10	3	2.21	5.15	3	156	341	2	4	22	84	447	0	162	0	0	0	
4:30 - 5:00	4	136	9	4	2.31	6.00	1	154	355	2	3	27	63	445	0	159	0	0	0	
5:00 - 5:30	6	133	3	2	2.13	6.80	2	146	308	3	3	42	63	413	0	152	0	0	0	
5:30 - 6:00	11	152	8	1	2.05	4.11	5	177	357	2	3	23	63	443	0	182	0	0	0	
6:00 - 6:30	6	105	7	0	2.01	3.00	3	121	240	4	3	58	63	361	0	128	0	0	0	
6:30 - 7:00	14	117	7	0	1.96	3.14	3	141	273	3	2	41	42	356	0	146	0	0	0	
7:00 - 7:30	13	74	4	0	1.90	3.00	1	92	174	4	1	58	21	253	1	98	0	0	0	
7:30 - 8:00	4	68	3	0	2.01	3.67	1	76	152	3	1	41	21	214	0	80	0	0	0	
Vehicles	75			1,115	68	13	1,296			24	23	318			483	2	1,345	0	0	0
Persons	75			2,230	214	156	2,700			318			483	3,501						

	HOV		
	5 Hour	24 Hours (5 Hours assumed)	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	3,501	3,501	858
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	2,700	2,700	663
Autos and Motorcycles	1,296	1,296	300
Average Auto Occupancy (Includes Motorcycles)	2.08	2.08	2.21

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Conventional Total
 HOV lane restricted 247
 Spring, 2004

Time	Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto Persons + MC			Buses			Bus Passengers			Total Auto Passengers + MC			Total Vehicles	Rail Comm.	
	1 Autos	2 Autos	3+ Autos					Transit	Other	Trans	Other	Other	Trans	Other	Other	Trans	Other	Other	Trans			
3:00 - 3:30	1,296	118	5	0	1.09	4.20	6	1,425	1,558	0	1	0	0	0	0	1,558	130	1,556	0	0		
3:30 - 4:00	1,767	86	7	0	1.05	3.14	3	1,863	1,982	0	1	0	0	0	0	1,982	127	1,991	0	0		
4:00 - 4:30	2,158	175	14	3	1.10	5.06	4	2,354	2,598	0	0	0	0	0	0	2,598	95	2,449	0	0		
4:30 - 5:00	2,366	142	16	1	1.08	3.82	5	2,530	2,719	0	0	0	0	0	0	2,719	97	2,627	0	0		
5:00 - 5:30	2,425	138	6	2	1.07	6.00	6	2,577	2,754	0	0	0	0	0	0	2,754	70	2,647	0	0		
5:30 - 6:00	2,164	77	10	0	1.05	3.50	22	2,273	2,373	0	0	0	0	0	0	2,373	80	2,353	0	0		
6:00 - 6:30	2,235	52	11	0	1.03	3.45	1	2,299	2,378	0	0	0	0	0	0	2,378	66	2,365	0	0		
6:30 - 7:00	1,619	69	8	0	1.05	3.63	2	1,698	1,788	0	0	0	0	0	0	1,788	46	1,744	0	0		
7:00 - 7:30	1,368	79	4	0	1.06	3.00	2	1,453	1,539	0	0	0	0	0	0	1,539	25	1,478	0	0		
7:30 - 8:00	1,382	122	6	1	1.10	4.71	8	1,519	1,666	0	1	0	0	0	0	1,666	51	1,571	0	0		
Vehicles	18,780								1,058	87	7	0			3	0			787	20,781	0	0
Persons	18,780								2,116	305	84	21,335			0	0			21,335	0	0	

	HOV		
	5 Hour	24 Hours (5 Hours assumed)	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	21,335	21,335	5,473
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	21,335	21,335	5,473
Autos and Motorcycles	19,991	19,991	5,107
Average Auto Occupancy (Includes Motorcycles)	1.07	1.07	1.07

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 HOV Total
 HOV lane restricted 24/7
 Spring, 2004 - start delayed by computer problems

Time	Autos			3+ Autos	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles	Total Auto + MC	Total Auto + MC Riders			Buses			Bus Passengers			Total Rail					
	1	2	3+							Transit	Other	Trans	Other	Riders	+ Bus Pass	Trucks	Metro	Comm.						
3:00 - 3:30	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:30 - 4:00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 - 4:30	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 - 5:00	7	27	1	0	0	1.83	3.00	0	35	64	2	0	27	0	22	0	22	0	0	0	0	0	0	
5:00 - 5:30	21	32	2	0	0	1.65	3.00	0	55	91	3	0	42	0	91	0	133	0	0	0	0	0	0	
5:30 - 6:00	9	21	1	0	0	1.74	3.00	0	31	54	2	0	23	0	77	0	77	0	0	0	0	0	0	
6:00 - 6:30	11	12	1	0	0	1.58	3.00	0	24	38	4	0	58	0	96	0	96	0	0	0	0	0	0	
6:30 - 7:00	2	8	5	0	0	2.47	3.80	0	15	37	3	0	41	0	78	0	78	0	0	0	0	0	0	
7:00 - 7:30	1	8	0	0	0	1.89	0.00	0	9	17	4	0	58	0	75	0	75	0	0	0	0	0	0	
7:30 - 8:00	14	16	1	0	0	1.58	3.00	0	31	49	3	0	41	0	90	0	90	0	0	0	0	0	0	
Vehicles	65	124	11	0	0				200	350	24	0	318	0	668	0	668	0	0	0	0	0	0	
Persons	65	248	37	0	0																			

	HOV		
	5 Hour (5 Hours assumed)	24 Hours (5:30 PM - 5:30 PM)	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	668	668	224
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	350	350	155
Autos and Motorcycles	200	200	90
Average Auto Occupancy (Includes Motorcycles)	1.75	1.75	1.72

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Conventional Total
 HOV lane restricted 24/7
 Spring, 2004 - start delayed by computer problems

Time	Autos			Vans	3+ Autos	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles	Total Auto + MC	Total Auto Persons + MC Riders			Buses			Passengers + MC			Total Vehicles	Rail Metro Comm.					
	1	2	3+							Transit	Other	Trans	Other	Trans	Other	Riders	Trucks								
3:00 - 3:30	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:30 - 4:00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 - 4:30	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 - 5:00	617	174	25	2	1.31	4.00	1	1,074	1,009	1,074	1	31	21	1,126	76	897	0	0	0	0	0	0	0	0	
5:00 - 5:30	779	207	22	0	1.26	3.55	1	1,271	1,009	1,271	3	61	42	1,374	52	1,066	0	0	0	0	0	0	0	0	
5:30 - 6:00	576	99	11	0	1.18	3.27	0	686	686	810	3	54	63	927	48	740	0	0	0	0	0	0	0	0	
6:00 - 6:30	567	131	19	0	1.24	3.26	0	717	717	891	3	52	63	1,006	58	781	0	0	0	0	0	0	0	0	
6:30 - 7:00	561	187	21	1	1.34	4.23	1	771	771	1,029	2	26	63	1,118	112	888	0	0	0	0	0	0	0	0	
7:00 - 7:30	479	119	15	2	1.29	4.53	0	615	615	794	1	4	84	887	76	696	0	0	0	0	0	0	0	0	
7:30 - 8:00	588	133	16	0	1.23	3.44	0	737	737	909	1	5	105	1,020	108	851	0	0	0	0	0	0	0	0	
Vehicles	4,167			1,050	129	5	5,354			19	21	530			5,924	0			0	0	0	0	0	0	0
Persons	4,167			2,100	449	60	6,776			19	21	7,516			441			0	0	0	0	0	0	0	0

	HOV			Peak Hour (4:30 PM - 5:30 PM) assumed
	5 Hour	24 Hours (5 Hours assumed)	Period	
Highway Passengers	7,516	7,516	2,500	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	6,778	6,778	2,345	
Autos and Motorcycles	5,354	5,354	1,828	
Average Auto Occupancy (Includes Motorcycles)	1.27	1.27	1.28	

US 50 E Eastbound
 US 50 Bet. Md. 3/U.S. 301 and Md. 424 Davidsonville Road
 Facility Total
 Spring, 2004

Time	1 Autos			2 Autos			3+ Autos			Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles	Total + MC	Buses			Total Auto + MC Riders			Passengers + MC			Trucks	Total Vehicles	Rail Metro Comm.
	1	2	3+	1	2	3+	Transit	Other	Total						Transit	Other	Bus Pass	Riders	Other	Bus Pass	Riders	Other	Trucks			
3:00 - 3:30	1,294	267	7	3	1.20	6.00	10	1,581	1,898	1	1	9	21	1,928	136	1,719	0	0	0	0	0	0	0	0	0	0
3:30 - 4:00	1,575	262	26	3	1.19	4.34	7	1,873	2,232	1	1	6	21	2,259	90	1,965	0	0	0	0	0	0	0	0	0	0
4:00 - 4:30	1,528	241	16	4	1.18	5.15	8	1,797	2,121	3	1	43	21	2,185	144	1,945	0	0	0	0	0	0	0	0	0	0
4:30 - 5:00	1,839	240	12	3	1.14	4.87	14	2,108	2,406	1	2	31	42	2,479	82	2,193	0	0	0	0	0	0	0	0	0	0
5:00 - 5:30	1,625	216	15	1	1.14	3.94	9	1,866	2,129	3	2	61	42	2,232	74	1,945	0	0	0	0	0	0	0	0	0	0
5:30 - 6:00	1,478	342	14	4	1.23	5.56	9	1,847	2,271	3	2	54	42	2,367	72	1,924	0	0	0	0	0	0	0	0	0	0
6:00 - 6:30	1,318	218	21	2	1.19	4.22	5	1,564	1,856	3	2	52	42	1,950	62	1,631	0	0	0	0	0	0	0	0	0	0
6:30 - 7:00	984	195	18	1	1.21	4.05	5	1,203	1,456	2	2	26	42	1,524	70	1,277	0	0	0	0	0	0	0	0	0	0
7:00 - 7:30	1,246	202	22	3	1.19	4.32	6	1,479	1,764	1	1	9	21	1,794	101	1,582	0	0	0	0	0	0	0	0	0	0
7:30 - 8:00	813	216	24	2	1.28	3.88	5	1,060	1,351	1	0	6	0	1,357	105	1,166	0	0	0	0	0	0	0	0	0	0
Vehicles	13,700	2,399	175	26				16,378	19,484	19	14	297	294	20,075	936	17,347	0	0	0	0	0	0	0	0	0	0
Persons	13,700	4,798	596	312																						

	5 Hour	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	20,075	4,711
Rail Passengers	0	0
Auto and Motorcycle Passengers	19,484	4,535
Autos and Motorcycles	16,378	3,974
Average Auto Occupancy (Includes Motorcycles)	1.19	1.14

I-95/495 Northbound PM (Va. to Md.)
 I-95/I-495 crossing the Woodrow Wilson Bridge

Facility Total
 No HOV Restrictions at this location
 Spring, 2004

Time	1			2			3+			Var- pools	Avg. Van- pools	3+Autos+ Van-pools	Motor- cycles (MC)	Total Autos		Buses		Bus Passengers		Total Auto Passengers		Total Vehicles	Rail Metro	Comm.
	Autos	Autos	Autos	Autos	Autos	Autos	Transit	Other	Trans					Other	Riders	+ MC	+ Bus Pass.	Riders	+ MC					
3:00 - 3:30	2,237	201	13	4	1.11	5.47	14	2,469	2,746	0	3	0	0	0	0	0	0	0	0	2,746	260	2,732	0	0
3:30 - 4:00	2,382	156	12	2	1.08	4.64	7	2,559	2,766	0	12	0	0	0	0	0	0	0	0	2,766	224	2,795	0	0
4:00 - 4:30	2,406	165	15	4	1.09	5.05	10	2,600	2,842	0	1	0	0	0	0	0	0	0	0	2,842	184	2,785	0	0
4:30 - 5:00	2,004	150	17	1	1.09	3.72	11	2,183	2,382	0	1	0	0	0	0	0	0	0	0	2,382	167	2,351	0	0
5:00 - 5:30	2,454	177	26	0	1.09	3.50	13	2,670	2,912	0	1	0	0	0	0	0	0	0	0	2,912	205	2,876	0	0
5:30 - 6:00	2,488	154	8	0	1.06	3.25	9	2,659	2,831	0	0	0	0	0	0	0	0	0	0	2,831	181	2,840	0	0
6:00 - 6:30	2,408	220	17	0	1.10	3.47	7	2,652	2,914	0	1	0	0	0	0	0	0	0	0	2,914	196	2,849	0	0
6:30 - 7:00	2,311	261	20	1	1.12	3.76	6	2,599	2,918	0	0	0	0	0	0	0	0	0	0	2,918	223	2,822	0	0
7:00 - 7:30	2,014	287	24	3	1.16	4.56	8	2,336	2,719	0	0	0	0	0	0	0	0	0	0	2,719	216	2,552	0	0
7:30 - 8:00	1,457	247	14	1	1.17	3.87	9	1,728	2,018	0	0	0	0	0	0	0	0	0	0	2,018	164	1,892	0	0
Vehicles	22,161	2,018	166	16			94	24,455	27,048	0	19	0	0	0	0	0	0	0	0	27,048	2,020	26,494	0	0
Persons	22,161	4,036	565	192																				

Peak Hour
 (5:00 PM -
 6:00 PM)

Highway Passengers	27,048	5.743
Rail Passengers	0	0
Auto and Motorcycle Passengers	27,048	5.743
Autos and Motorcycles	24,455	5.329
Average Auto Occupancy (Includes Motorcycles)	1.11	1.08

I-495/95 Southbound PM (Md. to Va.)
I-495 crossing the Woodrow Wilson Bridge

Facility Total

No HOV Restrictions at this location
Spring, 2004

Time	Autos			3+ Autos+ Van-pools	Avg. Auto Occ.	Motor-cycles (MC)	Total Autos		Buses		Bus Passengers		Total Auto Passengers + MC		Trucks	Vehicles	Rail Metro Comm.
	1	2	3+				Van-pools	+ MC	Transit	Other	Trans	Other	Riders	+ Bus Pass.			
3:00 - 3:30	1,930	292	31	0	1.16	3	2,256	2,613	0	0	0	0	2,613	304	2,560	0	0
3:30 - 4:00	1,937	294	20	1	1.16	8	2,260	2,620	0	1	0	0	2,620	268	2,529	0	0
4:00 - 4:30	1,854	235	42	1	1.17	8	2,140	2,493	0	0	0	0	2,493	230	2,370	0	0
4:30 - 5:00	2,045	351	49	3	1.20	15	2,463	2,960	0	1	0	0	2,960	167	2,631	0	0
5:00 - 5:30	2,226	337	51	3	1.19	18	2,635	3,121	0	0	0	0	3,121	178	2,813	0	0
5:30 - 6:00	2,088	308	28	4	1.17	9	2,437	2,858	0	2	0	0	2,858	137	2,576	0	0
6:00 - 6:30	1,898	308	29	3	1.19	8	2,246	2,662	0	0	0	0	2,662	161	2,407	0	0
6:30 - 7:00	1,702	364	74	1	1.26	5	2,146	2,694	0	2	0	0	2,694	199	2,347	0	0
7:00 - 7:30	1,418	370	86	5	1.33	7	1,886	2,510	0	0	0	0	2,510	209	2,095	0	0
7:30 - 8:00	1,161	278	47	1	1.27	8	1,495	1,900	0	1	0	0	1,900	181	1,677	0	0
Vehicles	18,259	3,137	457	22		89	21,964	26,431	0	7	0	0	26,431	2,034	24,005	0	0
Persons	18,259	6,274	1,545	264													

Peak Hour
(4:30 PM - 5:30 PM)

5 Hour

Highway Passengers	26,431	6,081
Rail Passengers	0	0
Auto and Motorcycle Passengers	26,431	6,081
Autos and Motorcycles	21,964	5,098
Average Auto Occupancy (Includes Motorcycles)	1.20	1.19

ALXA PM
 Southbound Va.400 (N. Washington Street - 500 block) at Pendleton Street
 HOV Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-occ.	3+ Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + Riders + Bus Pass. + Other		Total Auto Passengers + Riders + Bus Pass. + Trucks + Other		Total Rail Metro Comm.			
	Autos	Autos	Autos	Autos	Van-pools	Auto Occ.				Van-pools + MC	Riders + MC	Transit	Other	Buses	Trans	Other	Trucks	Vehicles	Metro
3:00 - 3:30	0	0	0	0	0	0	0	0.00	0	0	0	0	1	0	21	0	1	0	0
3:30 - 4:00	2	0	0	0	0	0	1.00	0.00	0	2	2	0	0	0	2	0	2	0	0
4:00 - 4:30	32	34	4	2	1.90	6.17	0	72	137	0	3	0	60	197	1	76	0	0	0
4:30 - 5:00	24	58	9	0	1.86	3.22	0	91	169	0	1	0	34	203	0	92	0	86	0
5:00 - 5:30	39	66	7	1	1.81	4.25	3	116	208	0	3	0	102	310	0	119	0	103	0
5:30 - 6:00	46	54	4	0	1.61	3.25	5	109	172	0	3	0	102	274	0	112	0	0	0
6:00 - 6:30	74	22	1	0	1.27	5.00	1	98	124	0	2	0	68	192	0	100	0	137	0
6:30 - 7:00	33	1	0	0	1.03	0.00	1	35	36	0	2	0	68	104	0	37	0	120	0
7:00 - 7:30	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	70	0
7:30 - 8:00	0	0	0	0	0.00	0.00	0	0	0	0	0	1	0	34	0	1	0	0	0
Vehicles	250	235	25	3			10	523			0	16	1	540					
Persons	250	470	82	36			548				0	489	1,337						

	HOV Restricted		Peak Hour
	5 Hour (4:00 PM - 6:00 PM)	6:00 PM - 6:00 PM	
Highway Passengers	1,337	984	584
Rail Passengers	516	189	103
Auto and Motorcycle Passengers	848	686	380
Autos and Motorcycles	523	388	225
Average Auto Occupancy (Includes Motorcycles)	1.62	1.77	1.69

ALXA PM
 Southbound Va.400 (N. Washington Street - 500 block) at Pendleton Street
 Conventional Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		3+Autos+ Motor-cycles (MC)	Avg. Van-pools Auto Occ.	Van-pools Auto Occ.	Total Autos + MC	Total Auto Persons + MC Riders	Buses			Bus Passengers			Total Auto Passengers + MC Riders			Total Rail Metro Comm.	
	Autos	Autos	Autos	Van-pools	Van-pools	Transit						Other	Transit	Other	Transit	Other	+ Bus Pass.	Trucks	Vehicles	Total		
3:00 - 3:30	473	82	10	0	0.00	3.20	0	1.20	4.44	565	669	0	0	0	0	0	0	669	6	571	0	0
3:30 - 4:00	519	91	8	1	1.20	4.44	1	1.14	5.20	620	742	0	0	0	0	0	0	742	3	623	0	0
4:00 - 4:30	606	78	4	1	1.14	5.20	1	1.10	3.50	671	739	0	0	0	0	0	0	739	2	692	0	0
4:30 - 5:00	607	58	4	0	1.10	3.50	2	1.09	3.33	684	745	0	0	0	0	0	0	745	2	686	0	0
5:00 - 5:30	626	54	3	0	1.09	3.33	1	1.11	3.90	631	701	0	0	0	0	0	0	701	4	635	0	0
5:30 - 6:00	575	41	10	0	1.11	3.90	5	1.17	3.43	727	850	0	0	0	0	0	0	850	0	727	0	0
6:00 - 6:30	614	106	7	0	1.17	3.43	0	1.11	3.13	729	807	0	0	0	0	0	0	807	0	729	0	0
6:30 - 7:00	659	61	8	0	1.11	3.13	1	1.17	3.44	648	755	0	1	0	21	0	0	776	0	649	0	0
7:00 - 7:30	553	85	9	0	1.17	3.44	1	1.23	4.33	529	650	0	0	0	0	0	0	650	0	529	0	0
7:30 - 8:00	437	71	14	1	1.23	4.33	6															
Vehicles	5,669	727	77	3			18			6,494	7,447	0	1	0	21	0	0	7,468	20	6,515	0	0
Persons	5,669	1,454	270	36																		

HOV Restricted

Period	Peak Hour	
	5 Hour (4:00 PM - 6:00 PM)	(5:00 PM - 6:00 PM)
Highway Passengers	7,468	2,974
Rail Passengers	0	0
Auto and Motorcycle Passengers	7,447	2,974
Autos and Motorcycles	6,494	2,676
Average Auto Occupancy (Includes Motorcycles)	1.15	1.11

Highway Passengers
 Rail Passengers
 Auto and Motorcycle Passengers
 Autos and Motorcycles
 Average Auto Occupancy
 (Includes Motorcycles)

ALXA PM
 Southbound Va.400 (N. Washington Street - 500 block) at Pendleton Street
 Facility Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Van-pools Auto Occ.	3+ Autos + Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Total Auto Riders + Bus Pass. + MC		Total Auto Vehicles + MC		Total Auto Comm.	
	Autos	Autos	Autos	Autos	Van-pools	Van-pools				Van-pools + MC	Van-pools + MC	Transit	Other	Transit	Other	Transit	Other	Transit	Other	Trucks	Trucks
3:00 - 3:30	473	82	10	0	0.00	3.20	0	565	669	0	1	0	21	690	6	572	0	0	0	0	
3:30 - 4:00	521	91	8	1	1.20	4.44	1	622	744	0	0	0	0	744	3	625	0	0	0	0	
4:00 - 4:30	638	112	8	3	1.22	5.73	1	762	926	0	3	0	60	986	3	768	0	0	0	0	
4:30 - 5:00	631	116	13	0	1.19	3.31	2	762	908	0	1	0	34	942	3	766	0	86	0	0	
5:00 - 5:30	665	120	10	1	1.19	4.00	4	800	953	0	3	0	102	1,055	2	805	0	103	0	0	
5:30 - 6:00	621	95	14	0	1.18	3.71	10	740	873	0	3	0	102	975	4	747	0	0	0	0	
6:00 - 6:30	688	128	8	0	1.18	3.63	1	825	974	0	2	0	68	1,042	0	827	0	137	0	0	
6:30 - 7:00	692	62	8	0	1.10	3.13	2	764	843	0	2	0	68	911	0	766	0	120	0	0	
7:00 - 7:30	553	85	9	0	1.17	3.44	1	648	795	0	1	0	21	776	0	649	0	70	0	0	
7:30 - 8:00	437	71	14	1	1.23	4.33	6	529	650	0	1	0	34	684	0	530	0	0	0	0	
Vehicles	5,919	962	102	6			28	7,017	8,295	0	17	0	510	8,805	21	7,055	0	516	0	0	
Persons	5,919	1,924	352	72																	

	HOV Restricted Period		Peak Hour
	5 Hour (4:00 PM - 6:00 PM)	6:00 PM - 6:00 PM	
Highway Passengers	8,805	3,958	2,030
Rail Passengers	516	189	103
Auto and Motorcycle Passengers	8,295	3,660	1,826
Autos and Motorcycles	7,017	3,064	1,540
Average Auto Occupancy (Includes Motorcycles)	1.18	1.19	1.19

ALXC PM
 Southbound U.S. 1 (N. Henry Street - 500 block) at Wythe Street
 HOV Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van- pools	Avg. Van- pools	3+ Autos+ Motor- cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Trucks	Rail Metro Comm.				
	Autos	Autos	Autos	Autos	Van-pools	+ MC				Riders	+ MC	Trans	Other	+ Bus Pass.	Riders			Trucks	Trucks	Trucks	
3:00 - 3:30	145	47	2	1	1.32	6.00	0	1.32	0	195	257	0	1	0	21	278	0	196	0	0	
3:30 - 4:00	152	41	2	0	1.24	4.00	1	1.24	1	196	243	0	0	0	0	243	1	197	0	0	
4:00 - 4:30	157	57	6	0	1.32	3.17	1	1.32	1	221	291	0	3	0	60	351	2	226	0	0	
4:30 - 5:00	190	61	5	0	1.29	3.40	2	1.29	2	258	331	0	1	0	34	365	1	260	0	86	
5:00 - 5:30	97	110	8	1	1.65	4.33	1	1.65	1	217	357	0	3	0	102	459	3	223	0	103	
5:30 - 6:00	88	91	10	0	1.60	3.20	1	1.60	1	190	303	0	3	0	102	405	0	193	0	0	
6:00 - 6:30	76	83	11	0	1.64	3.36	1	1.64	1	171	280	0	2	0	68	348	0	173	0	137	
6:30 - 7:00	117	79	5	0	1.45	3.40	3	1.45	3	204	295	0	2	0	68	363	0	206	0	120	
7:00 - 7:30	210	79	4	0	1.30	3.25	0	1.30	0	293	381	0	0	0	0	381	1	294	0	70	
7:30 - 8:00	273	95	16	0	1.34	3.25	1	1.34	1	385	516	0	1	0	34	550	0	386	0	0	
Vehicles	1,505	743	69	2			11			4,330	5,230	0	16	0	489	3,743	8	2,354	0	516	
Persons	1,505	1,486	228	24						3,254	3,254	0		0							

HOV Restriction Period 4:00 PM - 6:00 PM
 Peak Hour (4:30 PM - 5:30 PM)
 5 Hour (4:00 PM - 6:00 PM)

HOV Restriction Period	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	3,743
Rail Passengers	516
Auto and Motorcycle Passengers	3,254
Autos and Motorcycles	2,330
Average Auto Occupancy (Includes Motorcycles)	1.40

ALXC PM
 Southbound U.S. 1 (N. Henry Street - 500 block) at Wythe Street
 Conventional Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	3+ Autos + Motorcycles (MC)	Avg. Van-pool Auto Occ.	Van-pool Auto Occ.	Total Autos + MC		Total Auto Persons + MC		Total Auto Passengers + MC		Total Rail			
	1	2	3+	Van-pools	3+ Autos + Motorcycles (MC)	Van-pools + MC					Riders	Transit	Other	Bus Passengers	Other	Trucks	Vehicles	Metro	Comm.	
3:00 - 3:30	492	58	4	0	1.12	3.25	2	556	623	0	0	0	0	0	0	623	26	582	0	0
3:30 - 4:00	498	47	3	0	1.10	3.00	3	551	604	0	0	0	0	0	0	604	16	567	0	0
4:00 - 4:30	527	48	1	2	1.12	9.00	1	579	651	0	0	0	0	0	0	651	18	597	0	0
4:30 - 5:00	548	37	2	1	1.09	6.00	0	588	640	0	0	0	0	0	0	640	15	603	0	0
5:00 - 5:30	595	20	4	2	1.09	6.83	1	622	677	0	0	0	0	0	0	677	8	630	0	0
5:30 - 6:00	507	34	2	0	1.07	3.00	0	543	581	0	0	0	0	0	0	581	7	550	0	0
6:00 - 6:30	471	74	4	0	1.15	3.75	2	551	636	0	0	0	0	0	0	636	12	563	0	0
6:30 - 7:00	504	66	5	0	1.13	3.20	0	575	652	0	0	0	0	0	0	652	5	580	0	0
7:00 - 7:30	561	43	4	3	1.14	7.14	0	611	697	0	0	0	0	0	0	697	7	618	0	0
7:30 - 8:00	526	35	2	0	1.07	3.00	2	565	604	0	0	0	0	0	0	604	7	572	0	0
Vehicles	5,229	462	31	8			11	5,741									121	5,862	0	0
Persons	5,229	924	105	96				6,365										6,365	0	0

HOV Restricted

	5 Hour (4:00 PM - 6:00 PM)		Peak Hour (4:30 PM - 5:30 PM)	
	6:00 PM	2,549	1,317	1,317
Highway Passengers	6,365	2,549	1,317	1,317
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	6,365	2,549	1,317	1,317
Autos and Motorcycles	5,741	2,332	1,210	1,210
Average Auto Occupancy (Includes Motorcycles)	1.11	1.09	1.08	1.08

ALXC PM
 Southbound U.S. 1 (N. Henry Street - 500 block) at Wythe Street
 Facility Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Van-pools Auto Occ.	3+ Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Persons + MC Riders	Buses			Bus Passengers			Total Vehicles	Rail Metro Comm.
	Autos	Autos	Autos	Autos	Transit	Other							Trans	Other	Trans	Other	Transit	Other		
3:00 - 3:30	637	105	6	1	1.17	4.43	2	751	880	0	1	0	21	901	26	778	0	0		
3:30 - 4:00	650	88	5	0	1.13	3.40	4	747	847	0	0	0	0	847	17	764	0	0		
4:00 - 4:30	684	105	7	2	1.18	5.11	2	800	942	0	3	0	60	1,002	20	823	0	0		
4:30 - 5:00	738	98	7	1	1.15	4.38	2	846	971	0	1	0	34	1,005	16	863	0	86		
5:00 - 5:30	692	130	12	3	1.23	5.33	2	839	1,034	0	3	0	102	1,136	11	853	0	103		
5:30 - 6:00	595	125	12	0	1.21	3.17	1	733	884	0	3	0	102	986	7	743	0	0		
6:00 - 6:30	547	157	15	0	1.27	3.47	3	722	916	0	2	0	68	984	12	736	0	137		
6:30 - 7:00	621	145	10	0	1.22	3.30	3	779	947	0	2	0	68	1,015	5	786	0	120		
7:00 - 7:30	771	122	8	3	1.19	5.73	0	904	1,078	0	0	0	0	1,078	8	912	0	70		
7:30 - 8:00	799	130	18	0	1.18	3.22	3	950	1,120	0	1	0	34	1,154	7	958	0	0		
Vehicles	6,734	1,205	100	10			22	8,071	9,619	0	16	0	489	10,108	129	8,216	0	516		
Persons	6,734	2,410	333	120																

	HOV Restricted		Peak Hour (4:30 PM - 5:30 PM)
	Period		
	5 Hour (4:00 PM - 6:00 PM)	6:00 PM - 5:30 PM)	
Highway Passengers	10,108	4,129	2,141
Rail Passengers	516	189	189
Auto and Motorcycle Passengers	9,619	3,831	2,005
Autos and Motorcycles	8,071	3,218	1,685
Average Auto Occupancy (Includes Motorcycles)	1.19	1.19	1.19

ALXB PM

Southbound Va.400 (S. Washington Street - 200 block) at Duke Street

HOV Total

HOV Restriction Period 4:00 PM - 6:00 PM

Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+Auto+ Motor-cycles (MC)	Total Autos + MC		Total Auto Passengers + MC			Total Rail Metro Comm.					
	Autos	Autos	Autos	Autos	Van-pools	Riders				Transit	Other	Other	Trucks	Trucks		Other	Riders			
3:00 - 3:30	71	14	0	0	0	0	1.16	0.00	0	85	99	0	1	0	21	120	1	87	0	0
3:30 - 4:00	21	0	0	0	0	0	1.00	0.00	0	21	21	0	0	0	0	21	0	21	0	0
4:00 - 4:30	40	13	0	0	0	0	1.25	0.00	2	55	68	0	3	0	60	128	0	58	0	0
4:30 - 5:00	66	10	2	1	1.33	6.33	3	3.00	0	82	108	0	1	0	34	142	0	83	0	86
5:00 - 5:30	33	48	7	0	1.70	3.00	0	3.00	0	88	150	0	3	0	102	252	0	91	0	103
5:30 - 6:00	86	27	1	0	1.25	3.00	0	3.00	0	114	143	0	3	0	102	245	0	117	0	0
6:00 - 6:30	44	2	0	0	1.04	0.00	2	0.00	2	48	50	0	2	0	68	118	0	50	0	137
6:30 - 7:00	0	0	0	0	0.00	0	0.00	0	0	0	0	0	2	0	68	68	0	2	0	120
7:00 - 7:30	0	0	0	0	0.00	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	70
7:30 - 8:00	0	0	0	0	0.00	0	0.00	0	0	0	0	0	1	0	34	34	0	1	0	0
Vehicles	361	114	10	1	7	493	0	16	1	510	0	489	1,128	0	516	0	0	0	0	0
Persons	361	228	31	12	639	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HOV Restricted

Period	Peak Hour
5 Hour (4:00 PM - 6:00 PM)	(4:30 PM - 5:30 PM)
1,128	767
516	394
639	189
493	258
1.30	339
1.38	170
1.52	1.52

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

ALXB PM

Southbound Va.400 (S. Washington Street - 200 block) at Duke Street

Conventional Total

HOV Restriction Period 4:00 PM - 6:00 PM

Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Auto Persons + MC		Bus Passengers		Total Auto Passengers + MC		Total Rail				
	Autos	Autos	Autos	Autos	Van-pools	Van-pools				Riders	Persons	Transit	Other	Other	Trucks	Trucks	Trucks		Metro	Comm.		
3:00 - 3:30	321	20	4	1	1.12	5.00	2	348	388	0	0	0	0	0	0	0	388	2	350	0	0	
3:30 - 4:00	611	44	11	0	1.10	3.09	1	667	734	0	0	0	0	0	0	0	734	2	669	0	0	
4:00 - 4:30	638	51	7	0	1.10	3.29	2	698	765	0	0	0	0	0	0	0	765	3	701	0	0	
4:30 - 5:00	616	70	4	1	1.13	4.80	4	695	784	0	0	0	0	0	0	0	784	3	698	0	0	
5:00 - 5:30	559	89	9	2	1.20	4.91	1	660	792	0	0	0	0	0	0	0	792	2	662	0	0	
5:30 - 6:00	465	52	5	0	1.12	3.20	5	527	590	0	0	0	0	0	0	0	590	2	529	0	0	
6:00 - 6:30	541	61	9	0	1.14	3.67	0	611	696	0	0	0	0	0	0	0	696	1	612	0	0	
6:30 - 7:00	589	94	12	0	1.17	3.17	3	698	818	0	0	0	0	0	0	0	818	0	698	0	0	
7:00 - 7:30	562	83	16	0	1.18	3.38	3	664	785	0	5	0	105	890	0	0	890	0	669	0	0	
7:30 - 8:00	418	84	12	1	1.24	3.92	5	520	642	0	0	0	0	0	0	0	642	1	521	0	0	
Vehicles	5,320	648	89	5			26	6,088		0	5	0	105	7,099	16	6,109				0	0	
Persons	5,320	1,296	292	60				6,994														

HOV Restricted

5 Hour (4:00 PM - 6:00 PM)	Peak Hour	
	(4:30 PM - 5:30 PM)	(5:00 PM - 6:00 PM)
7,099	2,931	1,576
0	0	0
6,994	2,931	1,576
6,088	2,580	1,355
1.15	1.14	1.16

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

ALXB PM
 Southbound Va.400 (S. Washington Street - 200 block) at Duke Street
 Facility Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van- pools	3+ Autos+ Motor- cycles (MC)	Avg. Van-pools Auto Occ.	Total Autos + MC	Total Auto Persons + MC	Buses			Bus Passengers			Total Auto Passengers + MC			Rail	Comm.		
	Autos	Autos	Autos	Autos	Transit	Other						Other	Trans	Other	Riders	Trucks	Vehicles	Metro	Comm.					
3:00 - 3:30	392	34	4	1	1.13	5.00	2	433	487	0	1	0	21	508	3	437	0	0	0	0	0	0	0	
3:30 - 4:00	632	44	11	0	1.10	3.09	1	688	755	0	0	0	0	755	2	690	0	0	0	0	0	0	0	
4:00 - 4:30	678	64	7	0	1.11	3.29	4	753	833	0	3	0	60	893	3	759	0	0	0	0	0	0	0	
4:30 - 5:00	682	80	6	2	1.15	5.38	7	777	892	0	1	0	34	926	3	781	0	86	0	0	0	0	0	
5:00 - 5:30	592	137	16	2	1.26	4.17	1	748	942	0	3	0	102	1,044	2	753	0	103	0	0	0	0	0	
5:30 - 6:00	551	79	6	0	1.14	3.17	5	641	733	0	3	0	102	835	2	646	0	0	0	0	0	0	0	
6:00 - 6:30	585	63	9	0	1.13	3.67	2	659	746	0	2	0	68	814	1	662	0	137	0	0	0	0	0	
6:30 - 7:00	589	94	12	0	1.17	3.17	3	698	818	0	2	0	68	886	0	700	0	120	0	0	0	0	0	
7:00 - 7:30	562	83	16	0	1.18	3.38	3	664	785	0	5	0	105	890	0	669	0	70	0	0	0	0	0	
7:30 - 8:00	418	84	12	1	1.24	3.92	5	520	642	0	1	0	34	676	1	522	0	0	0	0	0	0	0	
Vehicles	5,681	762	99	6			33	6,581		0	21	0	594	8,227	17	6,619	0	516	0	0	0	0	0	0
Persons	5,681	1,524	323	72				7,633																

HOV Restricted

5 Hour (4:00 PM - 6:00 PM)	Peak Hour	
	(4:30 PM - 5:30 PM)	(5:30 PM - 6:30 PM)
8,227	3,698	1,970
516	189	189
7,633	3,400	1,834
6,581	2,919	1,525
1.16	1.16	1.20

Highway Passengers
 Rail Passengers
 Auto and Motorcycle Passengers
 Autos and Motorcycles
 Average Auto Occupancy
 (Includes Motorcycles)

ALXD PM

Southbound U.S. 1 (S. Henry Street - 200 block) at Duke Street

HOV Total

HOV Restriction Period 4:00 PM - 6:00 PM

Spring, 2004

Time	1 Autos		2 Autos		3+ Autos		Van-pools	Avg. Van-pools Auto Occ.	3+ Autos + Motorcycles (MC)	Total Autos + MC		Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles		Rail	
	1	2	3+	Van-pools	Auto Occ.	Auto Occ.				Van-pools + MC	Persons + MC	Transit	Other	Trans	Other	+ Bus Pass.	Riders	Trucks	Metro	Comm.			
3:00 - 3:30	123	68	6	0	1.41	3.17	1	198	279	0	1	0	21	300	0	199	0	0	0	0	0	0	
3:30 - 4:00	117	107	6	0	1.52	3.00	2	232	351	0	0	0	0	351	1	233	0	0	0	0	0	0	
4:00 - 4:30	77	93	20	6	2.02	5.12	4	200	400	0	3	0	60	460	0	203	0	0	0	0	0	0	
4:30 - 5:00	75	128	15	1	1.79	3.81	1	220	393	0	1	0	34	427	3	224	0	86	0	0	0	86	
5:00 - 5:30	104	104	18	5	1.86	5.09	2	233	431	0	3	0	102	533	2	238	0	103	0	0	0	103	
5:30 - 6:00	136	119	8	2	1.61	5.20	3	268	429	0	3	0	102	531	2	273	0	0	0	0	0	0	
6:00 - 6:30	91	103	10	0	1.61	3.20	1	205	330	0	2	0	68	398	0	207	0	137	0	0	0	137	
6:30 - 7:00	148	102	28	0	1.64	3.68	2	280	457	0	2	0	68	525	2	284	0	120	0	0	0	120	
7:00 - 7:30	176	52	9	0	1.30	3.22	1	238	310	0	0	0	0	310	0	238	0	70	0	0	0	70	
7:30 - 8:00	133	41	3	0	1.28	4.00	0	177	227	0	1	0	34	261	0	178	0	0	0	0	0	0	
Vehicles	1,180	917	123	14			17	2,251			16	0	489	4,096	10	2,277	0	516	0	0	0	516	
Persons	1,180	1,834	408	168				3,607															

HOV Restricted

5 Hour (4:00 PM - 6:00 PM)	Peak Hour (6:30 PM - 7:30 PM)
4,096	835
516	190
3,607	767
2,251	518
1.60	1.48

Highway Passengers

Rail Passengers

Auto and Motorcycle Passengers

Autos and Motorcycles

Average Auto Occupancy

(Includes Motorcycles)

ALXD PM
 Southbound U.S. 1 (S. Henry Street - 200 block) at Duke Street
 Conventional Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools Auto Occ.	3+Autos+ Motor-cycles (MC)	Total Autos + MC		Total Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Vehicles	Rail Metro	Comm.	
	Autos	Autos	Autos	Autos	Van-pools	Van-pools			Transit	Other	Trans	Other	Riders	Other	+ Bus Pass.	Trucks						
3:00 - 3:30	419	55	4	1	1.16	5.00	1	480	555	0	0	0	0	0	0	0	555	17	497	0	0	
3:30 - 4:00	694	60	5	3	1.14	6.63	0	762	867	0	0	0	0	0	0	0	867	21	783	0	0	
4:00 - 4:30	561	57	3	0	1.10	3.00	0	621	684	0	0	0	0	0	0	0	684	18	639	0	0	
4:30 - 5:00	425	41	2	1	1.12	6.67	0	469	527	0	0	0	0	0	0	0	527	14	483	0	0	
5:00 - 5:30	369	42	8	0	1.16	4.00	2	421	487	0	0	0	0	0	0	0	487	10	431	0	0	
5:30 - 6:00	434	32	6	0	1.10	3.67	0	472	520	0	0	0	0	0	0	0	520	9	481	0	0	
6:00 - 6:30	451	53	12	0	1.16	3.50	0	516	599	0	0	0	0	0	0	0	599	3	519	0	0	
6:30 - 7:00	503	68	15	2	1.22	4.71	1	589	720	0	0	0	0	0	0	0	720	5	594	0	0	
7:00 - 7:30	473	133	51	5	1.50	4.48	2	664	992	0	12	0	252	1,244	12	688	0	0	0	0	0	
7:30 - 8:00	545	116	21	2	1.28	4.35	0	684	877	0	0	0	0	0	0	0	877	2	686	0	0	
Vehicles	4,874	657	127	14			6	5,678	6,828	0	12	0	252	7,080	111	5,801						
Persons	4,874	1,314	466	168																		

HOV Restricted

5 Hour (4:00 PM - 6:00 PM)	Peak Hour	
	(6:30 PM - 7:30 PM)	(7:30 PM - 8:30 PM)
7,080	2,218	1,964
0	0	0
6,828	2,218	1,712
5,678	1,983	1,253
1.20	1.12	1.37

Highway Passengers
 Rail Passengers
 Auto and Motorcycle Passengers
 Autos and Motorcycles
 Average Auto Occupancy
 (Includes Motorcycles)

ALXD PM
 Southbound U.S. 1 (S. Henry Street - 200 block) at Duke Street
 Facility Total
 HOV Restriction Period 4:00 PM - 6:00 PM
 Spring, 2004

Time	1		2		3+		Van-pools	Avg. Auto Occ.	3+ Autos + Motorcycles	Van-pools	Motorcycles	Total Autos + MC		Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC		Total Rail	
	Autos	Autos	Autos	Autos	Auto Occ.	Auto Occ.						Van-pools	MC	Riders	Transit	Other	Trans	Other	Riders	Trucks	Vehicles	Metro	Comm.
3:00 - 3:30	542	123	10	1	1.23	4.00	2	678	834	0	1	0	21	855	17	696	0	0	0	0	0	0	0
3:30 - 4:00	811	167	11	3	1.23	5.07	2	994	1,218	0	0	0	0	1,218	22	1,016	0	0	0	0	0	0	0
4:00 - 4:30	638	150	23	6	1.32	4.90	4	821	1,084	0	3	0	60	1,144	18	842	0	0	0	0	0	0	0
4:30 - 5:00	500	169	17	2	1.34	4.26	1	689	920	0	1	0	34	954	17	707	0	86	0	0	0	0	86
5:00 - 5:30	473	146	26	5	1.41	4.81	4	654	918	0	3	0	102	1,020	12	669	0	103	0	0	0	0	103
5:30 - 6:00	570	151	14	2	1.28	4.63	3	740	949	0	3	0	102	1,051	11	754	0	0	0	0	0	0	0
6:00 - 6:30	542	156	22	0	1.29	3.36	1	721	929	0	2	0	68	997	3	726	0	137	0	0	0	0	137
6:30 - 7:00	651	170	43	2	1.36	4.07	3	869	1,177	0	2	0	68	1,245	7	878	0	120	0	0	0	0	120
7:00 - 7:30	649	185	60	5	1.44	4.31	3	902	1,302	0	12	0	252	1,554	12	926	0	70	0	0	0	0	70
7:30 - 8:00	678	157	24	2	1.28	4.31	0	861	1,104	0	1	0	34	1,138	2	864	0	0	0	0	0	0	0
Vehicles	6,054	1,574	250	28			23	7,929	10,435	0	28	0	741	11,176	121	8,078	0	516	0	0	0	0	0
Persons	6,054	3,148	874	336																			

	HOV Restricted		Peak Hour
	Period	Period	
5 Hour	(4:00 PM - 6:00 PM)	(6:30 PM - 7:30 PM)	
Highway Passengers	11,176	4,169	2,799
Rail Passengers	516	189	190
Auto and Motorcycle Passengers	10,435	3,871	2,479
Autos and Motorcycles	7,929	2,904	1,771
Average Auto Occupancy (Includes Motorcycles)	1.32	1.33	1.40

APPENDIX C
A.M. TRAVEL TIME RUN ROUTES (HOV AND NON-HOV) AND
DATA

DRAFT

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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).

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APPENDIX D

**P.M. TRAVEL TIME RUN ROUTES
(HOV AND NON-HOV) DATA**

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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).

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APPENDIX E

COUNTING SITE LOCATIONS

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COUNTING SITE LOCATIONS

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION	BUS COUNT LOCATION	RAIL COUNT LOCATION
I-395-A	I-395 - Shirley Highway	<p>A.M. - HOV and non-HOV roadways at Ramp "G" (at Jefferson Davis Highway underpass)</p> <p>P.M. - HOV and non-HOV roadways south of Boundary Channel Drive</p>	<p>[Metrolink] 14th Street and C Streets, S.W.</p>	<p>A.M. Pentagon Station Yellow Line northbound (Leave)</p> <p>P.M. L'Enfant Plaza Station Yellow Line southbound (Leave)</p>
I-395-B	I-395 - Shirley Highway	<p>HOV and non-HOV roadways north of Va. 120 (S. Glebe Rd.)</p>	<p>[Metrolink] Pentagon exit to Eads Street All I-395 services</p> <p>[Fairfax Connector] Pentagon All I-395 services</p> <p>[Alexandria Transit (DASH)] All I-395 services</p>	<p>A.M. Crystal City Station Blue/Yellow Line northbound (leave)</p> <p>P.M. Crystal City Station Blue/Yellow Line southbound (Leave)</p>

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION	BUS COUNT LOCATION	RAIL COUNT LOCATION
I-395-C	I-395 - Shirley Highway	<p>A.M. and P.M. non-HOV roadway north of Va. 648 (Edsall Road).</p> <p>A.M. and P.M. HOV roadway at Turkeycock Run ramps</p> <p>A.M. counts do not include slipramp traffic from non-HOV to HOV roadway</p> <p>P.M. HOV roadway counts include slipramp traffic from non-HOV to HOV roadway</p>	<p>[Metrobus] Pentagon exit to Eds Street All I-395 services</p> <p>[Fairfax Connector] Pentagon All I-395 services</p>	<p>A.M. Franconia/Springfield Station Blue Line northbound (Leave)</p> <p>P.M. Van Dorn Street Station Blue Line southbound (Leave)</p>
I-95-A	I-95 - Shirley Highway	<p>I-95 between Va. 7900 (Franconia-Springfield Parkway) and Va. 7100 (Fairfax County Parkway)</p> <p>[Newington] interchange</p>	<p>[Fairfax Connector] Pentagon All I-395 services</p>	
I-95-B	I-95	<p>I-95 between Va. 234 and Va. 784 (counts taken at Dumfries Scales)</p>		
I-66-A	I-66 - T. Roosevelt Bridge	<p>At D.C. end of bridge</p>		
I-66-B	I-66	<p>At bridge over Spout Run Parkway</p>	<p>[Metrobus] I-66/Dulles Toll Road services [Fairfax Connector] Pentagon Station I-66/Dulles Toll Road services</p>	

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION	BUS COUNT LOCATION	RAIL COUNT LOCATION
I-66-C	I-66	Between Fairfax Drive and N. Sycamore Street	[Metrolink] I-66/Dulles Toll Road services [Fairfax Connector] Pentagon Station I-66/Dulles Toll Road services	
I-66-D	I-66	Between Va. 7 (Leesburg Pike) and I-495		A.M. Dunn Loring Station Orange Line eastbound (Leave) P.M. West Falls Church Station Orange Line westbound (Leave)
I-66-E	I-66 between I-495 and Va. 243 (Nutley Street)	A.M. - from Dunn Loring Metro station parking lot P.M. - from west of Vienna Metro station - exiting traffic from I-66 to Va. 243 is added to count to compute correct link volume		A.M. Dunn Loring Station Orange Line eastbound (Leave) P.M. West Falls Church Station Orange Line westbound (Leave)
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 Va. 7100 (Fairfax County Parkway)			

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION	BUS COUNT LOCATION	RAIL COUNT LOCATION
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	[Metrobus] I-66/Dulles Toll Road services [Fairfax Connector] Pentagon Station I-66/Dulles Toll Road services	
I-270-A	I-270	I-270 north of Md. 187 (Old Georgetown Road)	[Metrobus] Lakeforest Transit Center (J9) [Ride-On] On-board count (70)	A.M. White Flint Station Red Line southbound (Leave) P.M. Grosvenor Station Red Line northbound (Leave)
I-270-B	I-270 (main and C-D roadways)	I-270 south of Md. 189 (Falls Road)	[Metrobus] Lakeforest Transit Center (J9) [Ride-On] On-board count (70)	
I-270-C	I-270 (main and C-D roadways)	I-270 south of I-370/Sam Eig Highway	[Metrobus] Lakeforest Transit Center (J9) [Ride-On] On-board count (70)	A.M. Shady Grove Station Red Line southbound (Leave) P.M. Rockville Station Red Line northbound (Leave)
I-270-D	I-270	I-270 south of Md. 118 (Germantown Road)	[Ride-On] (On-board count - P.M. only) (70,77)	

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION	BUS COUNT LOCATION	RAIL COUNT LOCATION
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	[Metrobus] I-66/Dulles Toll Road services [Fairfax Connector] Pentagon Station I-66/Dulles Toll Road services	
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	[Metrobus] I-66/Dulles Toll Road services [Fairfax Connector] Pentagon Station I-66/Dulles Toll Road services	
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		A.M. New Carrollton Station Orange Line westbound (Leave)
US-50-B	U.S. 50 (John Hanson Highway)	Between I-95/I-495 and Md. 704	A.M. New Carrollton Station (Arrive) P.M. New Carrollton Station (Leave)	

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION	BUS COUNT LOCATION	RAIL COUNT LOCATION
US-50-C	U.S. 50 (John Hanson Highway)	Between Md. 704 and Md. 197	A.M. New Carrollton Station (Arrive) P.M. New Carrollton Station (Leave)	
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		

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APPENDIX F

OCCUPANCY AND CLASSIFICATION DETAILS

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1. Field staff do not count persons that are not visible. With the exception of van-pool 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 VEHICLE	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, Suburbans, 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
VAN-POOL MONITORING METHOD

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The high occupancy of van-pool vans has presented some technical problems for monitoring vehicle occupancy. Further complications arise from the fact that nearly all van-pool 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 7 occupants. To provide a consistent basis for monitoring van-pool vehicles, the following methodology was adopted in 1990, and has been used by all COG/TPB monitoring projects since then:

1. Van-pools are defined as vans with 8 or more occupants.
2. Field technicians are instructed to use the "V" button for van-pools.
3. Field technicians are trained to identify a van-pool 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 van-pool operators. From this survey, a van-pool 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.

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APPENDIX H

TRAVEL TIME RUN METHODOLOGY

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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.

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APPENDIX I

GLOSSARY of ABBREVIATIONS and TERMS

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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 van-pool 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.
Car-pool	HOV lanes in the I-95/I-395 corridor are barrier-separated, as are two short sections of the I-270 HOV facility.
Car-pool	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.
Commuter rail	Does not include van-pools.
Commuter rail	Passenger rail service oriented towards the schedules of commuters, and operated by the MTA (MARC rail) and the VRE.

Abbreviation or term	Definition
Concurrent-flow HOV lanes	HOV lanes which are not separated from the conventional lanes by a physical barrier.
	Pavement markings and highway signing are used to distinguish concurrent-flow HOV lanes from conventional lanes.
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	High-occupancy vehicle.
	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.
	Includes trucks meeting the HOV requirement (on some HOV facilities).
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.
	No facilities in the Washington region are designated HOV-4 as of Fall 1997.
HOV requirement	Minimum number of persons needed in a vehicle in order to legally use an HOV facility.
	Generally expressed as HOV-2, HOV-3 or HOV-4, and varies by facility.
HOV-restricted period	The time during which an HOV facility is restricted to HOV use only.
	Varies by facility.
LOS	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).
MDOT	Maryland Department of Transportation.

Abbreviation or term	Definition
Metro	See WMATA.
Motorcycles	A motor-driven vehicle with two or three wheels and designed to routinely operate at freeway speeds.
MTA	Mass Transit Administration, a modal administration of the Maryland Department of Transportation.
	Operates commuter bus lines and the three MARC commuter rail lines between points in Maryland and Union Station in Washington.
PRTC	Potomac and Rappahannock Transportation Commission.
SHA	State Highway Administration, a modal administration of the Maryland Department of Transportation.
SOV	Single-occupant vehicle - term applies to autos and auto-like vehicles when exactly one person is using the vehicle.
Transit Bus	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).
Trucks	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.
	Includes dump trucks, tractor-trailers and other medium and heavy-duty commercial vehicles.
	Does not include pickup trucks, vans and panel trucks with exactly four tires in contact with the pavement.
	The number of passengers in a truck is not recorded as part of COG/TPB's monitoring methodology.
Van-pool	A passenger (window) van with 1 seat for the driver and 14 seats for passengers, generally referred to as a 15 seat van.
	In this report, van-pools are assumed to carry 12 persons per vehicle. This factor is based on a survey of van-pool operators done in 1989.
	Van-pools are included in the calculation for average auto occupancy.
VDOT	Virginia Department of Transportation

Abbreviation or term	Definition
VRE	Virginia Railway Express. Operates two commuter rail lines between Northern Virginia and Union Station in Washington.
WMATA	Washington Metropolitan Area Transit Authority, a public transportation partnership between the District of Columbia, Maryland and Virginia. Synonymously referred to as Metro.

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