

NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD

2007 PERFORMANCE OF
HIGH-OCCUPANCY VEHICLE
FACILITIES ON FREEWAYS IN THE
WASHINGTON REGION

DRAFT

May 21, 2008

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ABSTRACT FORM

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REPORT ABSTRACT:	This report contains a summary of data collected from high-occupancy vehicle (HOV) facilities located along freeways in the Washington, D.C. metropolitan region.
SUBJECT:	2007 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 2007 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 2007:

- 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 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, 1999 and 2004.

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 2007 were observed to carry more persons per lane during the HOV-restricted periods than adjacent non-HOV lanes except on U.S. 50;
- Most 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; and

- Average auto occupancy in 2007 was little-changed from 2004, even though the HOV lanes in Northern Virginia continue to exempt vehicles with “Clean Air” registration plates from the HOV requirement.

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I. INTRODUCTION

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

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

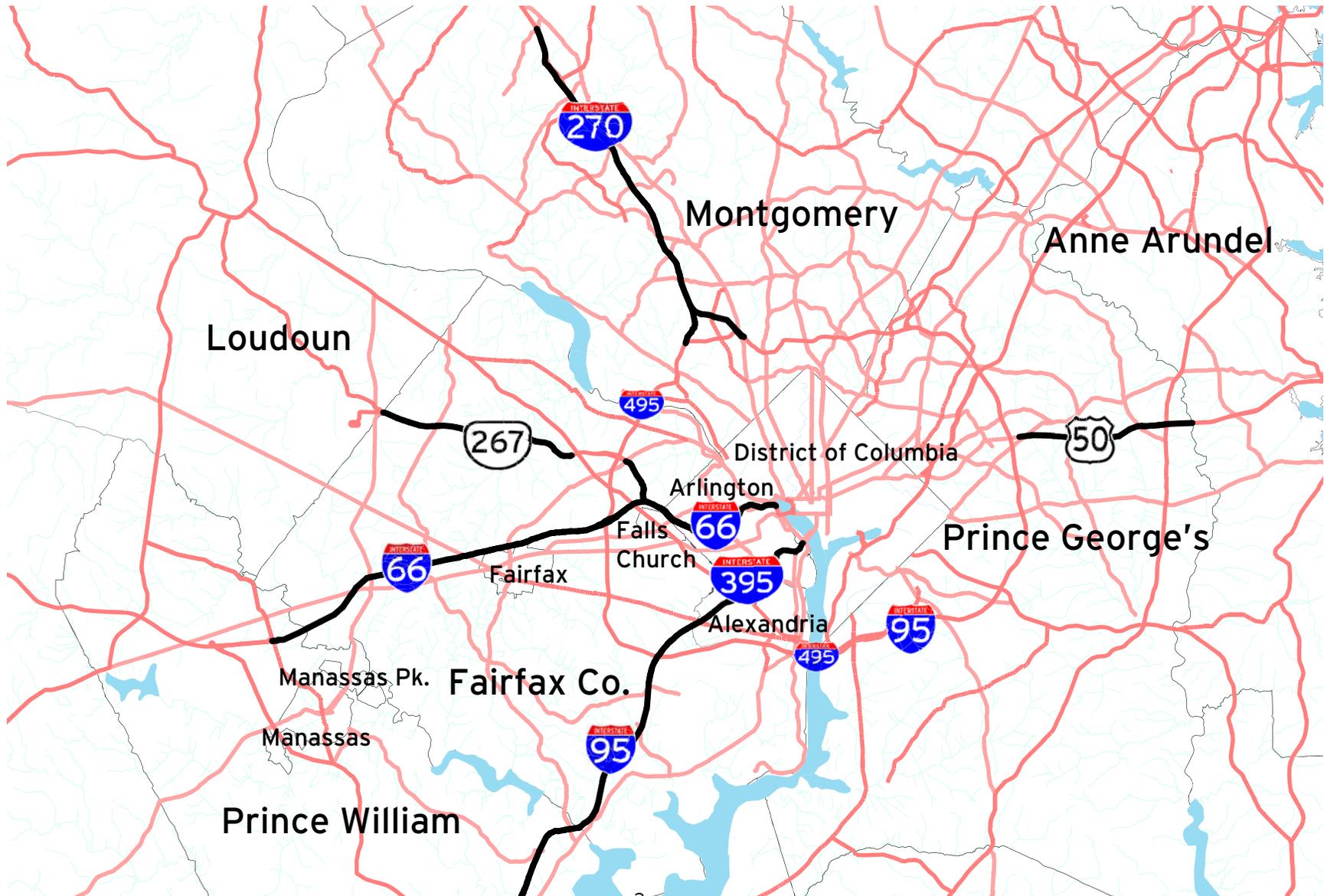
- I-95/I-395 (Shirley Highway) in the Northern Virginia counties of Prince William, Fairfax and Arlington, and the City of Alexandria;
- I-66, also in the Virginia counties of Prince William, Fairfax and Arlington (this HOV system includes a section of the Dulles Connector in McLean, connecting to Va. 267's HOV lanes (see below));
- I-270 and the I-270 Spur in Montgomery County, Maryland;
- Virginia Route 267 (Dulles Toll Road), 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 core employment centers of the region in Arlington County and the District of Columbia. I-270 and the I-270 Spur end at the Capital Beltway (I-495) and the 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 2007. Vehicle occupancy and classification counts, as well as the results of travel time runs are documented in this report. Previous reports have documented conditions on the HOV system in fall 1997, 1998, 1999 and 2004. Comparisons are given in this report between HOV performance in 2007 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 five HOV corridors.

In 1969, a bus-on-freeway demonstration project began on the Shirley Highway (now known as I-395 north of the Capital Beltway and I-95 south of the Beltway), linking the Springfield area of Fairfax County and intermediate points in the corridor such as western Alexandria and Shirlington to core employment areas in Arlington and downtown Washington. Initially limited to buses only, the barrier-separated lanes opened to 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 Eig 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. In 2004, a new ramp connecting the southbound HOV lane of the I-270 Spur (in A.M.) and the northbound HOV lane of the Spur (in P.M.) was completed and opened to traffic.

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

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

III. DESCRIPTION OF THE HOV CORRIDORS

Summaries of physical characteristics and operational policies effective in the Spring of 2007 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. The I-270 Spur has HOV-only lanes at Westlake Drive in North Bethesda.

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

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
2007 HOV Facility Summary**

Facility Route Number(s) and Name	Length	Facility Description	Occupancy Requirement	Hybrid Exemption	A.M. HOV Restricted Period and Direction	P.M. HOV Restricted Period and Direction	Truck Restrictions	Motorcycle Restriction
I-95/I-395 Shirley Highway	28 miles	2 lanes, barrier-separated, reversible	3	Yes	6:00 to 9:00 (North)	3:30 to 6:00 (South)	Permitted with Occupancy Compliance North of Dale City (Exit 156), Prohibited South of Dale City	Permitted on all HOV facilities
I-66	28 miles (HOV lane extension to Va. 234 Bypass opened in 2007 after data collection was completed)	1 Lane Concurrent Flow Outside of the Beltway, 2 Lane exclusive HOV facility inside the Beltway	2	Yes	5:30 to 9:30 AM Outside Beltway; 6:30 to 9:00 AM Inside Beltway (East)	3:00 to 7:00 PM Outside Beltway; 4:00 to 6:30 AM Inside Beltway (West)	Prohibited	
I-270	9 miles Southbound; 18 miles Northbound	1 Lane Concurrent Flow	2	No	6:00 to 9:00 AM (South)	3:30 to 6:30 PM (North)	Prohibited	
Va. 267 Dulles Toll Road	23 miles (includes Dulles Connector Road and I-66 from Rosslyn to Dulles Connector)	1 Lane Concurrent Flow	2	Yes	6:30 to 9:00 AM (East)	4:00 to 6:30 PM (West)	Permitted with Occupancy Compliance outside Beltway	
U.S. 50	9 miles	1 Lane Concurrent Flow	2	No	HOV-2 restriction in effect 24 hours/day, 7 days/week (West and East)		Prohibited	

I-395/I-95 (Shirley Highway)

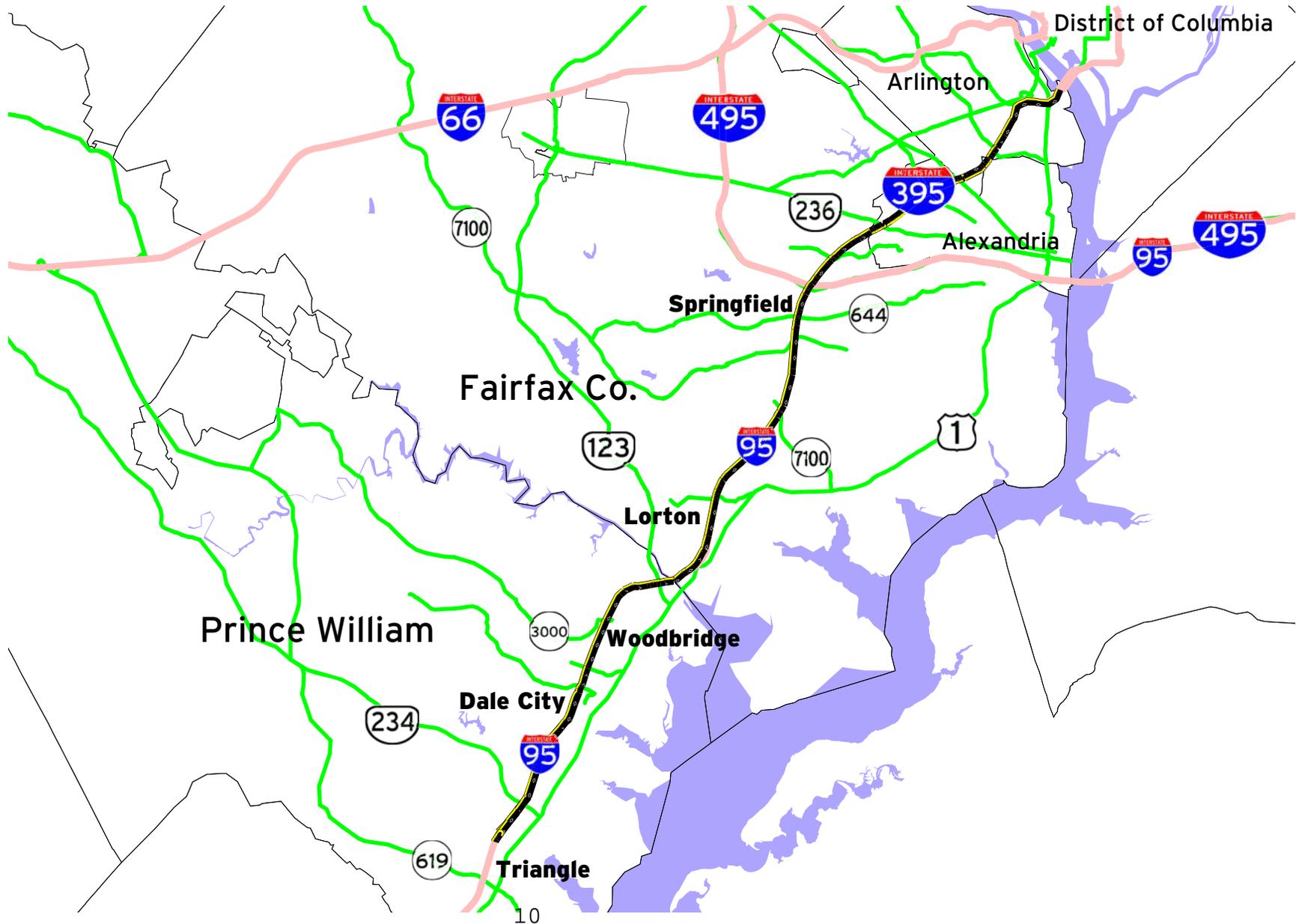
The HOV lanes in this corridor are entirely barrier-separated, and reversible, so they serve A.M. peak period northbound movements and operate southbound in the P.M. peak period. The HOV roadway is about 27 miles long, extending from Virginia Route 234 (Dumfries Road) near Dumfries, Prince William County 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.²

There is approximately one mile of barrier-separated roadway north of the Pentagon, crossing the 14th Street Bridge into the District of Columbia, but no HOV restrictions currently apply to this portion of the facility.³ A map of the corridor is presented in Figure 2. The corridor is also served by the Virginia Railway Express (VRE) Fredericksburg Line. The 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.

² The Turkeycock Run ramp exemption for southbound non-HOV traffic was cancelled in Fall, 2007, after data for this report were collected.

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

Figure 2 I-95/I-395 corridor



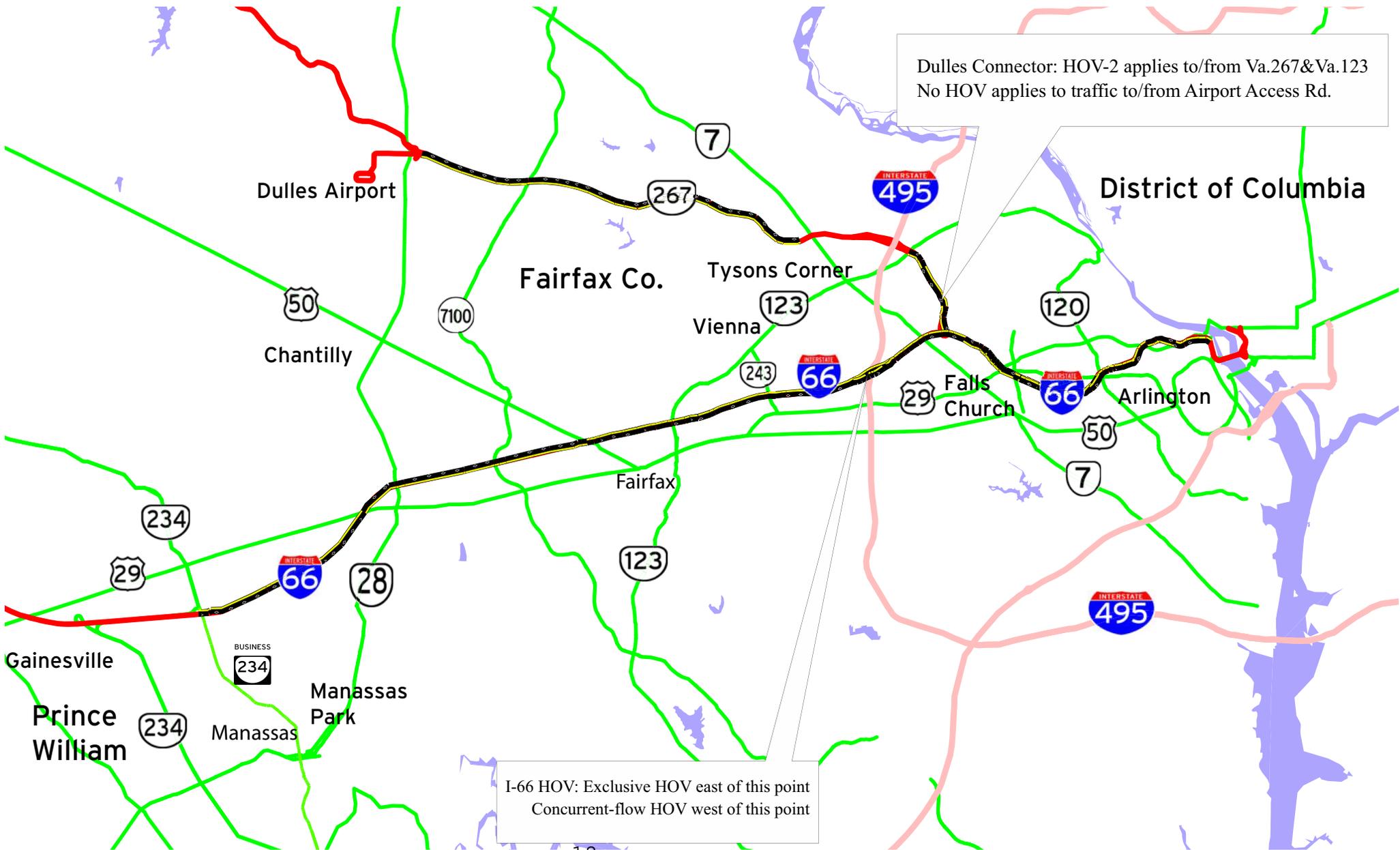
I-66

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.⁴

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.

⁴ When data for this report were collected, the an extension of the I-66 concurrent-flow HOV lanes were under construction between Va. 234 Business (Sudley Road) and Va. 234 Bypass (Prince William Parkway). This extension was opened to traffic later in 2007, after field data collection for this report was complete.

Figure 3 I-66 corridor



Dulles Connector: HOV-2 applies to/from Va.267&Va.123
No HOV applies to traffic to/from Airport Access Rd.

I-66 HOV: Exclusive HOV east of this point
Concurrent-flow HOV west of this point

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 Maryland Transit Administration's (MTA) MARC Brunswick Line also serves several stops in this corridor, and continues south to Silver Spring and on to Union Station in the District of Columbia. Montgomery County 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 corridor



Va. 267 (Dulles Toll Road)

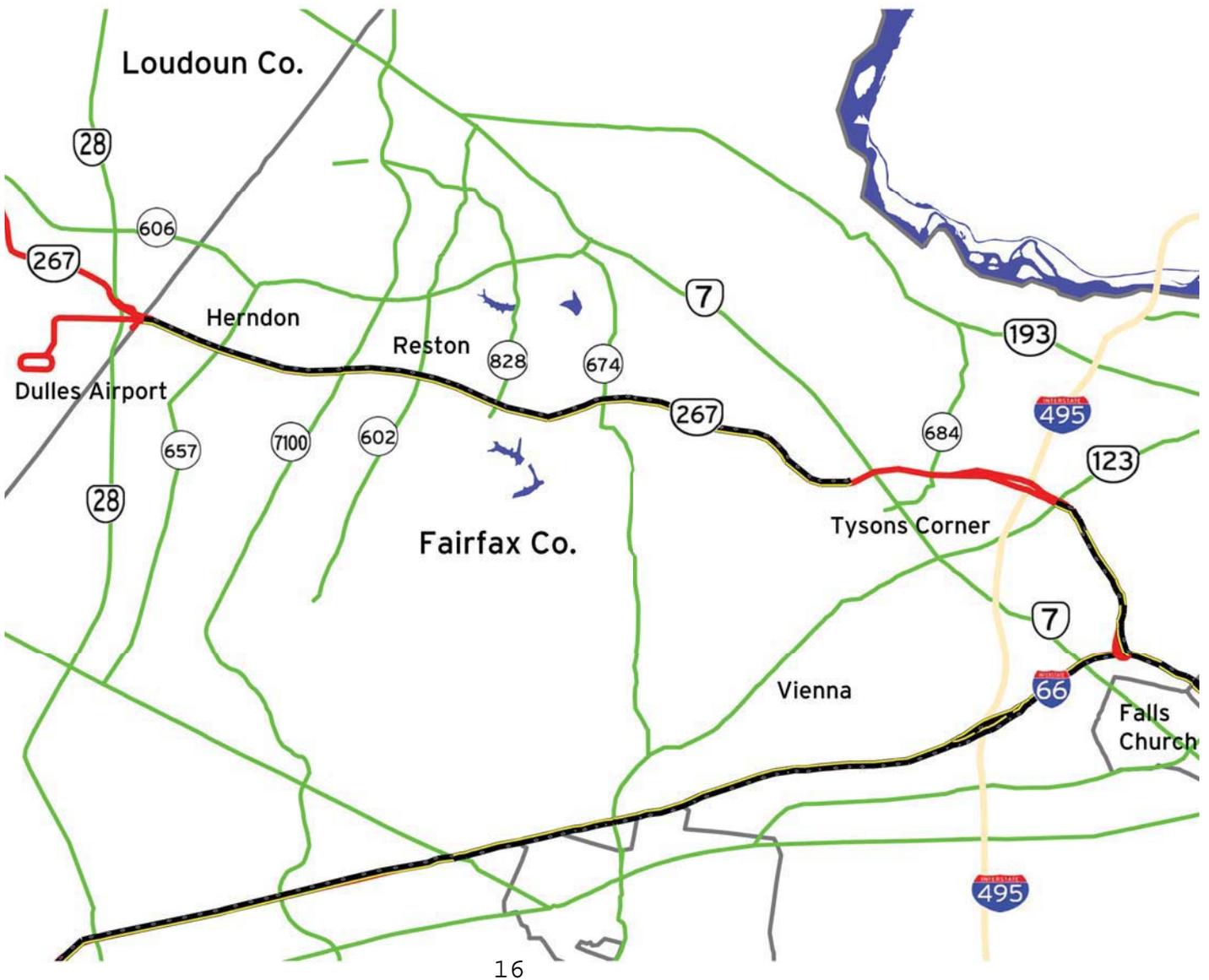
Concurrent-flow HOV lanes operate along this corridor from a point between Va. 28 (Sully Road) and Va. 657 (Centreville Road) to just west of Va. 7 (Leesburg Pike). There are no HOV lanes through the interchanges at Va. 7, the main toll barrier, Va. 684 (Spring Hill Road), I-495 and Va. 123. HOV restrictions 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.).⁵ 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 contains a map of the corridor.

⁵

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

Figure 5
Va. 267 corridor



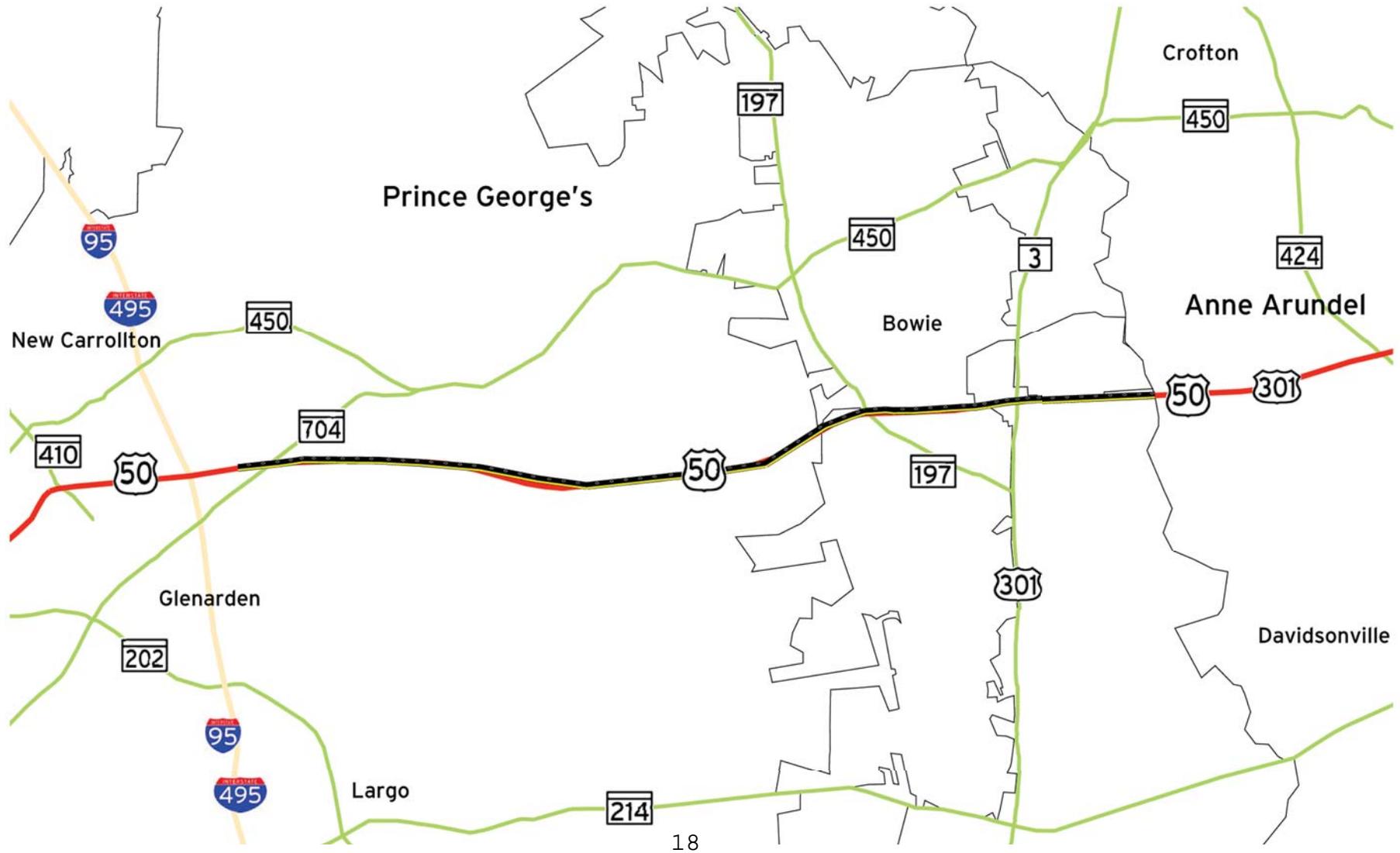
U.S. 50 (John Hanson Highway)

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, the Annapolis and Crofton areas of Anne Arundel County and Kent Island, Queen Anne's County (east of the Bay Bridge). All WMATA buses operating westbound in the corridor terminate at the New Carrollton rail station. Some MTA buses serve the downtown area of the District of Columbia, others terminate at New Carrollton.

Figure 6 depicts the HOV lanes in the John Hanson Highway corridor.

Figure 6
U.S. 50 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).

Data collection was limited to weekdays - Tuesdays, Wednesdays and Thursdays only were used for the maximum load points on the HOV system. 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, and VRE. In the I-270 corridor, transit data were collected by WMATA, Montgomery County, and the MTA. Fairfax County Department of Transportation, Loudoun County Department of Planning, and WMATA provided patronage data for the Va. 267 corridor. Ridership data in the U.S. 50 corridor were provided by WMATA and MTA.

Bus ridership data were collected from services operating on HOV facilities only. Rail ridership data were obtained from parallel rail lines at locations similar to the occupancy/classification count stations. Actual patronage data for parallel rail lines is reported in the appendices of this report, as is patronage of "traditional" transit bus services 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, 2007 using the floating 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. Afternoon runs started from the inner limits of each corridor.

The number of floating car travel time runs conducted on each facility is presented in Table 2.

Table 2
2007 Regional HOV Monitoring
Number of 'Floating Car' Travel Time Runs by Facility & Time Period

Facility	A.M. Period		P.M. Period	
	HOV	Non-HOV	HOV	Non-HOV
I-95/I-395 [Shirley Hwy.] between Va. 619 (Triangle) and 14th St. & Independence Ave., S.W. Washington, D.C.	5	5	5	5
I-66 between U.S. 15 (Haymarket) and 23rd St. and Constitution Ave., N.W. (Washington, D.C.)	5	5	5	5
I-270 between Md. 109 (Hyattstown) and I-495 (at Md. 185 (Connecticut Ave.))	3	3	4	4
I-270Y [I-270 Spur] (between Md. 109 (Hyattstown) and I-495 (at Md. 190 (River Rd.))	7	7	7	7
Va. 267 [Dulles Toll Rd.] between Va. 28 (Sully Rd.) and 23rd St. and Constitution Ave., N.W. (Washington, D.C.) [via Dulles Connector Rd. and I-66 inside Capital Beltway]	5	5	6	6
U.S. 50 [John Hanson Hwy.] between Md. 424 (Davidsonville Rd.) and Md. 202 (Landover Rd.)	8	8	8	8

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 and U.S. 50 corridors 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 vehicles with clean fuel registration plates are exempt from the HOV requirement.⁶ In addition, the use of tinted glass in some vehicles makes measurement of occupancy difficult. Field count personnel are instructed to note only the occupants that can be viewed, and this may tend to underestimate average car occupancy. Observed average auto occupancies and the number of autos needed to move 1,000 persons at this occupancy rate (HOV and non-HOV lanes) for each of the maximum load locations during the HOV-restricted periods in the morning peak direction are presented in Table 3. The same data observed during the afternoon peak direction are described in Table 4. Comparisons of average occupancy data from 1997, 1998, 1999, 2004 and 2007 are shown in Tables 5 and 6 for A.M. and P.M. HOV-restricted periods, respectively.

Average auto occupancies in 2007 during the A.M. peak period were highest on HOV lanes in the corridor with the HOV-3 restriction, I-95/I-395. The average auto occupancy on the I-95 HOV lanes south of I-495 was 2.6, and the average on the I-395 HOV lanes north of Va. 120 (S. Glebe Road) was about 2.5. On facilities designated HOV-2, observed average auto occupancies during the A.M. peak period ranged from 1.5 to 1.9. During the P.M. peak period in 2007, average auto occupancy on I-395 was observed at 2.9 and at 2.8 on I-95. In the corridors with HOV-2 restrictions, the average ranged from 1.6 to 2.1. Auto occupancy averages

⁶ The most-common vehicles with these registration plates are hybrid vehicles (including, but not limited to, the Toyota Prius, Honda Civic Hybrid, and the Honda Insight) and vehicles powered by compressed natural gas (CNG).

observed in 2007 were relatively little changed from those observed in 2004 for I-95, I-395, and I-66 inside the Capital Beltway. Similarly, there was little change observed on Va. 267 and I-66 outside the Capital Beltway in the A.M. HOV-restricted period, though observed occupancy declined in the P.M. period on Va. 267.

On I-270 just north of the I-270/I-270Y “split” in North Bethesda, observed occupancies declined slightly in the A.M. but increased slightly in P.M.

On U.S. 50 between Md. 197 and Md. 704, there was an increase in occupancy observed in the A.M. period - but a decrease in the P.M.

Table 3 Observed average auto occupancies in the A.M. peak direction during HOV-restricted periods (Spring, 2007)				
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 between Va. 120 (S. Glebe Road) and Arlington Ridge Road	2.5	400	1.1	910
I-95 Shirley Highway between Va. 7100 (Fairfax County Parkway) and Va. 7900 (Franconia Springfield Parkway)	2.6	380	1.0	1000
I-66 between Sycamore Street and Fairfax Drive	1.8	560	N/A	N/A
I-66 between Va. 243 (Nutley Street) and I-495	1.9	530	1.1	910
I-270 between the "split" and Rockledge Drive	1.5	670	1.2	830
I-270Y (I-270 Spur) between the "split" and Democracy Boulevard	1.8	560	1.0	1000
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	1.8	560	1.0	1000
U.S 50 between Md. 197 (Collington Road) and Md. 704 (MLK, Jr. Highway)	1.9	530	1.0	1000

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

Table 4 Observed average auto occupancies in the P.M. peak direction during HOV-restricted periods (Spring, 2007)				
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 between Arlington Ridge Road and Va. 120 (S. Glebe Road)	2 . 9	340	1 . 2	830
I-95 Shirley Highway between Va. 7900 (Franconia Springfield Parkway) and Va. 7100 (Fairfax County Parkway)	2 . 8	360	1 . 1	910
I-66 between Fairfax Drive and Sycamore Street	1 . 7	590	N / A	N / A
I-66 between I-495 and Va. 243 (Nutley Street)	2 . 0	500	1 . 2	830
I-270 between Rockledge Drive and the "split"	1 . 9	530	1 . 2	830
I-270Y (I-270 Spur) between Democracy Boulevard and the "split"	2 . 1	480	1 . 0	1000
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	1 . 6	630	1 . 0	1000
U.S 50 between Md. 704 (MLK, Jr. Highway) and Md. 197 (Collington Road)	1 . 8	560	1 . 0	1000

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

Table 5
2007 Observed average HOV auto occupancies
in the A.M. Peak Direction Over Time

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

Notes:

- Data in table are rounded.
- No HOV lanes in operation on Va. 267 prior to winter 1998/1999

Table 6
2007 Observed average HOV auto occupancies
in the P.M. Peak Direction Over Time

Facility	Year				
	1997	1998	1999	2004	2007
I-395 Shirley Highway between Arlington Ridge Road and Va. 120 (S. Glebe Road)	3 . 1	3 . 1	3 . 2	2 . 8	2 . 9
I-95 Shirley Highway between Va. 7900 (Franconia Springfield Parkway) and Va. 7100 (Fairfax County Parkway)	2 . 9	2 . 7	3 . 0	2 . 7	2 . 8
I-66 between Fairfax Drive and Sycamore Street	1 . 8	1 . 8	1 . 9	1 . 7	1 . 8
I-66 between I-495 and Va. 243 (Nutley Street)	2 . 0	2 . 0	1 . 9	2 . 0	2 . 0
I-270 between Rockledge Drive and the "split"	2 . 1	1 . 8	1 . 6	2 . 1	1 . 9
I-270Y (I-270 Spur) between Democracy Boulevard and the "split"	2 . 1	1 . 8	2 . 1	1 . 5	2 . 1
I-270 between the "split" and Montrose Road	N / A	N / A	N / A	1 . 8	2 . 0
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike)	N / A	N / A	1 . 8	1 . 8	1 . 6
U.S 50 between Md. 704 (MLK, Jr. Highway) and Md. 197 (Collington Road)	N / A	N / A	N / A	2 . 1	1 . 8

Notes:

- Data in table are rounded.
- No HOV lanes in operation on Va. 267 prior to winter 1998/1999

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 10,100 persons in two lanes, while four conventional lanes moved 9,000 persons. In the afternoon peak hour, I-95 at Newington moved 10,300 persons in two HOV lanes, and 2,700 in four non-HOV lanes.⁷ The exclusive HOV section of I-66 served 8,900 persons in one hour in two lanes in the A.M. and 7,100 in the P.M. peak hour. The concurrent-flow HOV lane along I-66 outside the Beltway served 2,800 persons in the A.M. peak hour, while the three conventional lanes served 4,800 (1,600 persons per lane per hour). Along I-270 south of Montrose Road and north of the "split", the southbound HOV lane served 3,100 persons in the A.M. peak hour, while five conventional lanes served 11,600 persons (2,300 persons per lane per hour). At this location in the northbound (P.M.) direction, one HOV lane served 4,600 travelers, while 5 non-HOV lanes carried 9,100 (1,800 persons per lane per hour).

⁷

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

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 2007, 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 2007. The results showed that in all corridors HOV routes saved time and operated at higher average speeds than parallel non-HOV routes. Travel time runs were previously conducted in 1997, 1999 and 2004. A comparison of 1997, 1999 and 2004 observed times is made with times observed in 2007 in Table 11 for A.M. HOV-restricted periods and in Table 12 for the P.M. restricted period. The time savings during the A.M. restricted periods in 2007 are greater than those observed in 2004 for the I-95/I-395 and I-66 corridors and have changed little in the I-270 corridor. The travel time advantage of HOV over non-HOV declined in the U.S. 50 and Va. 267 corridors because non-HOV travel times improved.

During the P.M. HOV-restricted periods, the results were similar: improved travel time advantages for HOV in the I-95/I-395 and I-66 corridors, little change in the I-270 corridor, and reduced travel time advantages for HOV use in the Va. 267 and U.S. 50 corridors.

Table 7						
Observed person movements in the A.M. peak direction during HOV-restricted periods (Spring, 2007)						
Facility And Hours of HOV-restricted operation	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 Hwy. between Va. 120 (S. Glebe Rd.) and Arlington Ridge Rd. 6:00 A.M. to 9:00 A.M.	2	28,700	4,800	4	16,400	1,400
I-95 Shirley Hwy. between Va. 7100 (Fairfax County Pkwy.) and Va. 7900 (Franconia Springfield Pkwy.) 6:00 A.M. to 9:00 A.M.	2 <i>Includes Newington Flyover Ramp</i>	26,300	4,400	4	17,400	1,400
I-66 between Sycamore Street and Fairfax Drive 6:30 A.M. to 9:00 A.M.	2	16,900	3,400	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between Va. 243 (Nutley Street) and I-495 5:30 A.M. to 9:30 A.M.	1	10,900	2,700	3	16,400	1,400
I-270 between the "split" and Rockledge Drive 6:00 A.M. to 9:00 A.M.	1	5,900	2,000	3	13,200	1,500
I-270Y (I-270 Spur) between the "split" and Democracy Boulevard 6:00 A.M. to 9:00 A.M.	1 <i>Includes Westlake Drive Ramp</i>	3,600	1,200	2	16,600	2,800
I-270 between Montrose Road and the "split" 6:00 A.M. to 9:00 A.M.	1	9,500	3,200	5	29,800	2,000
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 6:30 A.M. to 9:00 A.M.	1	8,400	3,400	3	13,300	1,800
U.S 50 between Md. 197 (Collington Road) and Md. 704 (MLK, Jr. Highway) 24 Hours, 7 Days/Week (5:00 A.M. to 10:00 A.M. assumed in calculations)	1	6,200	1,200	3	19,700	1,300

Note:

- All person movements rounded to nearest 100

Table 8
Observed person movements in the P.M. peak direction
during HOV-restricted periods (Spring, 2007)

Facility And Hours of HOV-restricted operation	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 Hwy. between Arlington Ridge Rd. and Va. 120 (S. Glebe Rd.) 3:30 P.M. to 6:00 P.M.	2	24,100	4,800	4	20,000	1,600
I-95 Shirley Hwy. between Va. 7900 (Franconia Springfield Pkwy.) and Va. 7100 (Fairfax Co. Pkwy.) 3:30 P.M. to 6:00 P.M.	2	25,200	5,000	4	6,900	700
I-66 between Fairfax Drive and Sycamore Street 4:00 P.M. to 6:30 P.M.	2	15,800	3,200	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between Va. 243 (Nutley Street) and I-495 3:00 P.M. to 7:00 P.M.	1	9,200	2,300	3	26,800	2,200
I-270 between Rockledge Drive and the "split" 3:30 P.M. to 6:30 P.M.	1	6,600	2,200	2	13,800	3,400
I-270Y (I-270 Spur) between Democracy Boulevard and the "split" 3:30 P.M. to 6:30 P.M.	1 <i>Includes Westlake Drive Ramp</i>	6,900	2,300	2	12,500	3,200
I-270 between the "split" and Montrose Road 6:00 A.M. to 9:00 A.M.	1	13,500	4,500	5	26,200	1,700
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 4:00 P.M. to 6:30 P.M.	1	5,600	2,200	3	13,800	1,800
U.S 50 between Md. 197 (Collington Road) and Md. 704 (MLK, Jr. Highway) 24 Hours, 7 Days/Week (3:00 P.M. to 8:00 P.M. assumed in calculations)	1	3,900	800	3	15,300	1,000

Note:
- All person movements rounded to nearest 100

Table 9
A.M. peak hour person movements during
HOV-restricted periods (Spring 2007)

Facility And peak hour within HOV-restricted period	Number of HOV lanes	HOV lane person movements (autos, vans, pools, motorcycles and buses) during peak hour in HOV-restricted period	HOV lane persons per lane per hour	Number of non-HOV lanes	Non-HOV lane person movements during HOV-restricted period	Non-HOV lane persons per lane per hour
I-395 Shirley Hwy. between Va. 120 (S. Glebe Rd.) and Arlington Ridge Rd. 7:30 A.M. to 8:30 A.M.	2	10,100	5,000	4	9,000	2,300
I-95 Shirley Hwy. between Va. 7100 (Fairfax County Pkwy.) and Va. 7900 (Franconia Springfield Pkwy.) 7:30 A.M. to 8:30 A.M.	2 <i>Includes Newington Flyover Ramp</i>	6,500	3,300	4	5,500	1,400
I-66 between Sycamore Street and Fairfax Drive 7:30 A.M. to 8:30 A.M.	2	8,900	4,400	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between Va. 243 (Nutley Street) and I-495 5:30 A.M. to 6:30 A.M.	1	2,800	2,800	3	4,800	1,600
I-270 between the "split" and Rockledge Drive 7:30 A.M. to 8:30 A.M.	1	2,000	2,000	3	5,800	2,600
I-270Y (I-270 Spur) between the "split" and Democracy Boulevard 6:00 A.M. to 7:00 A.M.	1 <i>Includes Westlake Drive Ramp</i>	1,300	1,300	2	5,500	3,400
I-270 between Montrose Road and the "split" 7:30 A.M. to 8:30 A.M.	1	3,100	3,100	5	11,600	2,300
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 8:00 A.M. to 9:00 A.M.	1	3,400	3,400	3	4,400	1,500
U.S 50 between Md. 197 (Collington Road) and Md. 704 (MLK, Jr. Highway) 7:00 A.M. to 8:00 A.M.	1	1,600	1,600	3	4,500	1,500

Note:
- All person movements rounded to nearest 100

Table 10
P.M. peak hour person movements during
HOV-restricted periods (Spring 2007)

Facility And peak hour within HOV-restricted period	Number of HOV lanes	HOV lane person movements (autos, van- pools, motorcycles and buses) during peak hour in HOV-restricted period	HOV lane persons per lane per hour	Number of non- HOV lanes	Non-HOV lane person movements during HOV- restricted period	Non-HOV lane persons per lane per hour
I-395 Shirley Hwy. between Arlington Ridge Rd. and Va. 120 (S. Glebe Rd.) 5:00 P.M. to 6:00 P.M.	2	7,600	3,800	4	8,200	2,300
I-95 Shirley Hwy. between Va. 7100 (Fairfax Co. Pkwy.) and Va. 7900 (Franconia Springfield Pkwy.) 5:00 P.M. to 6:00 P.M.	2	10,300	5,100	4	2,700	700
I-66 between Fairfax Drive and Sycamore Street 5:00 P.M. to 6:00 P.M.	2	7,100	3,600	0 <i>No non-HOV lanes</i>	N/A	N/A
I-66 between I-495 and Va. 243 (Nutley Street) 6:00 P.M. to 7:00 P.M.	1	1,700	1,700	3	7,900	2,600
I-270 between Rockledge Drive and the "split" 5:30 P.M. to 6:30 P.M.	1	2,300	2,300	2	4,600	3,400
I-270Y (I-270 Spur) between Democracy Boulevard and the "split" 5:00 P.M. to 6:00 P.M.	1 <i>Includes Westlake Drive Ramp</i>	2,000	2,000	2	3,900	2,000
I-270 between the "split" and Montrose Road 5:30 P.M. to 6:30 P.M.	1	4,600	4,600	5	9,100	1,800
Va. 267 (Dulles Toll Road) west of Va. 7 (Leesburg Pike) 5:00 P.M. to 6:00 P.M.	1	2,000	2,000	3	6,200	2,100
U.S 50 between Md. 704 (MLK, Jr. Highway) and Md. 197 (Collington Road) 4:00 P.M. to 5:00 P.M.	1	1,300	1,300	3	5,900	2,000

Note:

- All person movements rounded to nearest 100

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	2007	1997	1999	2004	2007	1997	1999	2004	2007
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)	31 (+/- 6)	65 (+/- 6)	58 (+/- 3)	66 (+/- 15)	81 (+/- 22)	-39	-31	-37	-50
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)	48 (+/- 9)	71 (+/- 11)	69 (+/- 5)	70 (+/- 14)	76 (+/- 13)	-28	-28	-17	-28
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)	12 (+/- 6)	16 (+/- 3)	22 (+/- 4)	19 (+/- 3)	20 (+/- 12)	-5	-4	-6	-8
I-270 and I-270Y (I-270 Spur) (southbound) From I-370 to S end of I-270 Spur <i>HOV route is 8.6 miles</i>	11 (+/- 2)	16 (+/- 3)	14 (+/- 7)	15 (+/- 3)	17 (+/- 4)	23 (+/- 3)	22 (+/- 3)	17 (+/- 5)	-6	-7	-8	-2
Va.267/I-66 (eastbound) From Va.28 to Va. end of T. Roosevelt Bridge HOV route is 23.4 miles <i>HOV route is 23.4 miles</i>	N/A	31 (+/- 1)	28 (+/- 1)	26 (+/- 2)	N/A	51 (+/- 5)	48 (+/- 2)	33 (+/- 5)	N/A	-20	-20	-7
U.S.50 (westbound) From U.S.301/Md.3 to I-95/I- 495 <i>HOV route is 9.0 miles</i>	N/A	N/A	9 (+/- 0)	7 (+/- 0)	N/A	13 (+/- 2)	12 (+/- 2)	8 (+/- 2)	N/A	N/A	-3	-1

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 Brid
- 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)				Time Savings (HOV Time - Non-HOV Time)			
	1997	1999	2004	2007	1997	1999	2004	2007	1997	1999	2004	2007
I-95/I-395 (southbound) From Va. end of 14th St. Bridge to south of Va. 234 <i>HOV route is 28.1 miles</i>	26 (+/- 1)	27 (+/- 1)	29 (+/- 4)	31 (+/- 11)	65 (+/- 6)	58 (+/- 3)	66 (+/- 15)	81 (+/- 23)	-39	-31	-37	-50
I-66 (westbound) From Va. end of T. Roosevelt Bridge to Va.234 Business (Manassas) <i>HOV route is 27.8 miles</i>	43 (+/- 3)	41 (+/- 8)	53 (+/- 8)	48 (+/- 8)	71 (+/- 11)	69 (+/- 5)	70 (+/- 14)	76 (+/- 11)	-28	-28	-17	-28
I-270 & E.Spur (northbound) just north of I-495 to Md. 121 (Clarksburg) <i>HOV route is 8.8 miles</i>	11 (+/- 1)	18 (+/- 1)	13 (+/- 2)	12 (+/- 8)	16 (+/- 3)	22 (+/- 4)	19 (+/- 3)	20 (+/- 11)	-5	-4	-6	-8
I-270Y (I-270 Spur) and I-270 (northbound) From I-495 to Md. 121 (Clarksburg) <i>HOV route is 8.6 miles</i>	11 (+/- 2)	16 (+/- 3)	14 (+/- 7)	15 (+/- 2)	17 (+/- 4)	23 (+/- 3)	22 (+/- 3)	17 (+/- 4)	-6	-7	-8	-2
Va.267/I-66 (westbound) From Va. end of T. Roosevelt Bridge to Va.28 <i>HOV route is 23.4 miles</i>	N/A	31 (+/- 1)	28 (+/- 1)	26 (+/- 2)	N/A	51 (+/- 5)	48 (+/- 2)	33 (+/- 5)	N/A	-20	-20	-7
U.S.50 (eastbound) From I-95/I-495 to U.S.301/Md.3 <i>HOV route is 9.0 miles</i>	N/A	N/A	9 (+/- 0)	7 (+/- 0)	N/A	13 (+/- 2)	12 (+/- 2)	8 (+/- 1)	N/A	N/A	-3	-1

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 (wes
- 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 2007 Regional HOV Monitoring A.M. Peak Direction Travel Time Summary for HOV and non-HOV Lanes						
Facility	Facility Section	Length (miles)	HOV Time (mins.)	Non-HOV Time (mins.)	Time Savings	
					In Minutes	in Min./Mi.
I-95/I-395	From Va. 234 to the Pentagon	28.1	31	82	51	1.8
	<i>Outside Beltway</i>	18.4	19	47	28	1.5
	<i>Inside Beltway</i>	9.7	12	35	23	2.4
I-66	From Va. 234 (Business) to the T. Roosevelt Bridge	27.8	48	76	28	1.0
	<i>Outside Beltway</i>	17.3	36	43	7	0.4
	<i>Inside Beltway</i>	10.5	12	33	21	2.0
I-270	From I-370 to I-495 (passing Md. 187)	8.8	12	20	8	0.9
	I-270Y (I-270 Spur) From I-370 to I-495 (passing Democracy Blvd.)	8.6	15	17	2	0.2
Va. 267	From Va.28 to to the T. Roosevelt Bridge	23.4	26	33	7	0.3
	<i>Va. 267 only</i>	14.9	13	15	2	0.1
U.S. 50	From U.S. 301/Md. 3 to Capital Beltway	7.8	7	8	1	0.1

Notes:

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

Table 14 2007 Regional HOV Monitoring P.M. Peak Direction Travel Time Summary for HOV and non-HOV Lanes						
Facility	Facility Section	Length (miles)	HOV Time (mins.)	Non-HOV Time (mins.)	Time Savings	
					In Minutes	in Min./Mi.
I-95/I-395	From The Pentagon to Va. 234	28.4	33	61	28	1.0
	Outside Beltway	17.7	23	41	18	1.0
	Inside Beltway	10.7	9	20	11	1.0
I-66	From T. Roosevelt Bridge to Va. 234 (Business)	27.9	37	55	18	0.6
	Outside Beltway	17.5	27	33	6	0.3
	Inside Beltway	10.4	10	22	12	1.2
I-270	From I-495 (passing Md. 187) to Md. 121 (Clarksburg)	18.4	22	29	7	0.4
	I-270Y (I-270 Spur) From I-495 (passing Democracy Blvd.) to Md. 121 (Clarksburg)	18.5	20	29	9	0.5
Va. 267	From the T. Roosevelt Bridge to Va. 28	24.2	24	32	8	0.3
	Va. 267 only	15.5	15	23	8	0.5
U.S. 50	From the Capital Beltway to U.S. 301/Md. 3	8.4	7	9	2	0.2

Notes:

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

VI. CONCLUSIONS

When combined with data obtained in 1997, 1998, 1999, and 2004, the 2007 data reveal the following:

- Barrier-separated and exclusive HOV facilities continue to provide substantial savings in travel time;
- The decline in average auto occupancy observed on the HOV lanes inside the Capital Beltway in Virginia appears to have leveled-out;
- HOV lane person throughput on a per lane per hour basis continues to outperform adjacent non-HOV lanes, except in the U.S. 50 corridor and at the two southernmost count stations in the I-270 corridor;⁸ and
- Travel time benefits from the concurrent-flow HOV lanes in the Va. 267 and U.S. 50 corridors have declined, but this is due to improved non-HOV travel times, not a deterioration in HOV speeds and travel times.

⁸

The two stations at the south end of the I-270 corridor (between the “split” and Rockledge Drive; and I-270Y between the “split” and Democracy Boulevard) could be considered “on ramps” to the HOV facility north of the “split”. When data for the segment of the I-270 HOV lanes just north of the “split” are considered, the performance data are considerably better.

APPENDIX A
A.M. HOV OCCUPANCY/CLASSIFICATION COUNTS

I-395 A
I-395 North at the Pentagon
Facility Total
HOV Restriction Period 6:00 AM - 9:00 AM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van-pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total		Rail	
										Transit	Other	Trans	Other			Vehicles	Metro	Comm.	
5:00 - 5:30	273	83	8	2	1.33	4.80	6	372	493	0	0	0	0	493	5	377	0	0	
5:30 - 6:00	2,499	605	48	19	1.30	6.06	24	3,195	4,139	1	8	1	234	4,374	62	3,266	626	0	
6:00 - 6:30	2,193	519	107	48	1.45	5.91	43	2,910	4,190	1	18	8	522	4,720	48	2,977	828	0	
6:30 - 7:00	2,103	353	342	70	1.64	4.60	54	2,922	4,758	2	23	19	687	5,464	71	3,018	1,890	0	
7:00 - 7:30	2,869	458	409	12	1.39	3.35	49	3,797	5,244	1	22	16	636	5,896	51	3,871	1,905	0	
7:30 - 8:00	3,058	436	426	17	1.39	3.49	46	3,983	5,521	3	22	46	666	6,233	74	4,082	2,836	0	
8:00 - 8:30	3,328	514	390	13	1.36	3.47	46	4,291	5,799	2	21	43	651	6,493	60	4,374	3,419	0	
8:30 - 9:00	3,125	496	213	14	1.29	3.81	23	3,871	5,006	3	17	37	531	5,574	60	3,951	2,531	0	
9:00 - 9:30	3,176	369	59	12	1.17	4.61	11	3,627	4,252	1	9	0	291	4,543	135	3,772	1,827	0	
9:30 - 10:00	2,602	370	40	6	1.17	4.33	13	3,031	3,554	0	26	0	858	4,412	101	3,158	763	0	
Vehicles	25,226	4,203	2,042	213			315	31,999		14	166				667	32,846			
Persons	25,226	8,406	6,453	2,556					42,956			170	5,076	48,202			16,625	0	

	HOV Restricted		
	5 Hours Period (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	48,202	34,380	12,726
Rail Passengers	16,625	13,409	6,255
Auto and Motorcycle Passengers	42,956	30,518	11,320
Autos and Motorcycles	31,999	21,774	8,274
Average Auto Occupancy (Includes Motorcycles)	1.34	1.40	1.37

I-395 A
 I-395 North at the Pentagon
 HOV Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van-pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles	Rail	
										Transit	Other	Trans	Other				Metro	Comm.
5:00 - 5:30	164	61	6	2	1.41	5.25	5	238	333	0	0	0	0	333	3	241	0	0
5:30 - 6:00	599	213	20	6	1.39	5.46	17	855	1,184	1	5	1	135	1,320	7	868	551	0
6:00 - 6:30	336	116	87	35	2.20	5.67	27	601	1,287	1	12	8	324	1,619	6	620	1,400	0
6:30 - 7:00	123	39	303	65	3.58	4.61	41	571	1,940	2	12	19	324	2,283	7	592	2,615	0
7:00 - 7:30	199	59	349	8	2.40	3.25	37	652	1,515	1	15	16	405	1,936	6	674	3,737	0
7:30 - 8:00	144	76	380	7	2.57	3.27	36	643	1,597	3	10	46	270	1,913	2	658	4,738	0
8:00 - 8:30	138	80	348	2	2.50	3.21	32	600	1,453	2	7	43	189	1,685	2	611	5,499	0
8:30 - 9:00	125	99	156	1	2.17	3.20	19	400	845	3	5	37	135	1,017	2	410	4,825	0
9:00 - 9:30	566	69	35	1	1.23	3.28	4	675	826	1	1	1	27	854	38	715	2,728	0
9:30 - 10:00	468	71	10	1	1.19	4.09	6	556	661	0	0	0	0	661	17	573	1,808	0
Vehicles	2,862	883	1,694	128			224	5,791		14	67				90	5,962		
Persons	2,862	1,766	5,253	1,536					11,641			171	1,809	13,621			27,901	0

	HOV Restricted		
	5 Hours Period (6:00 AM - 9:00 AM)	10,453 Peak Hour (7:30 AM - 8:30 AM)	3,598
Highway Passengers	13,621	10,453	3,598
Rail Passengers	27,901	22,814	10,237
Auto and Motorcycle Passengers	11,641	8,637	3,050
Autos and Motorcycles	5,791	3,467	1,243
Average Auto Occupancy (Includes Motorcycles)	2.01	2.49	2.45

I-395 A
I-395 North at the Pentagon
Conventional Total
HOV Restriction Period 6:00 AM - 9:00 AM
Fall, 1998

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van-pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles	Rail	
										Transit	Other	Trans	Other				Metro	Comm.
5:00 - 5:30	109	22	2	0	1.20	3.00	1	134	160	0	0	0	0	160	2	136	0	0
5:30 - 6:00	1,900	392	28	13	1.26	6.44	7	2,340	2,955	0	3	0	99	3,054	55	2,398	0	0
6:00 - 6:30	1,857	403	20	13	1.26	6.79	16	2,309	2,903	0	6	0	198	3,101	42	2,357	0	0
6:30 - 7:00	1,980	314	39	5	1.20	4.48	13	2,351	2,818	0	11	0	363	3,181	64	2,426	0	0
7:00 - 7:30	2,670	399	60	4	1.19	3.89	12	3,145	3,729	0	7	0	231	3,960	45	3,197	0	0
7:30 - 8:00	2,914	360	46	10	1.18	5.00	10	3,340	3,924	0	12	0	396	4,320	72	3,424	0	0
8:00 - 8:30	3,190	434	42	11	1.18	5.17	14	3,691	4,346	0	14	0	462	4,808	58	3,763	0	0
8:30 - 9:00	3,000	397	57	13	1.20	5.19	4	3,471	4,161	0	12	0	396	4,557	58	3,541	0	0
9:00 - 9:30	2,610	300	24	11	1.16	5.97	7	2,952	3,426	0	8	0	264	3,690	97	3,057	0	0
9:30 - 10:00	2,134	299	30	5	1.17	4.40	7	2,475	2,893	0	26	0	858	3,751	84	2,585	0	0
Vehicles	22,364	3,320	348	85			91	26,208		0	99				577	26,884		
Persons	22,364	6,640	1,200	1,020					31,315			0	3,267	34,582			0	0

	HOV Restricted		
	5 Hours Period (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	34,582	23,927	9,128
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	31,315	21,881	8,270
Autos and Motorcycles	26,208	18,307	7,031
Average Auto Occupancy (Includes Motorcycles)	1.19	1.20	1.18

I-395 B
 I-395 northbound between Va. 120 (S. Glebe Road) and Arlington Ridge Road
 Facility Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2007 - 10 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	2,196	45	4	4	1.04	8.00	15	2,264	2,365	0	38	0	1,089	3,454	10	2,312
5:30 - 6:00	4,283	487	23	28	1.18	8.02	21	4,842	5,687	2	27	52	660	6,399	36	4,907
6:00 - 6:30	3,408	536	189	78	1.42	5.69	32	4,243	6,031	14	22	270	462	6,763	34	4,313
6:30 - 7:00	3,437	543	1,369	85	1.79	3.58	46	5,480	9,774	19	27	319	330	10,423	32	5,558
7:00 - 7:30	3,661	544	898	32	1.53	3.33	89	5,224	7,937	28	19	534	264	8,735	45	5,316
7:30 - 8:00	3,864	578	901	25	1.51	3.32	78	5,446	8,176	30	25	575	495	9,246	44	5,545
8:00 - 8:30	4,215	402	734	14	1.38	3.20	105	5,470	7,517	31	58	611	1,716	9,844	37	5,596
8:30 - 9:00	2,909	372	476	13	1.40	3.30	113	3,883	5,379	22	48	436	1,320	7,135	59	4,012
9:00 - 9:30	3,386	648	183	23	1.30	4.03	46	4,286	5,558	11	28	289	561	6,408	77	4,402
9:30 - 10:00	2,725	478	29	10	1.20	5.36	9	3,251	3,899	4	46	64	1,023	4,986	39	3,340
Vehicles	34,084	4,633	4,806	312			554	44,389		144	199				413	45,301
Persons	34,084	9,266	18,419	0					30,529	161	338	1,975	5,115	37,619		

HOV Restricted

	Period			Peak Hour (8:30 AM)
	5 Hours (6:00 AM - 9:00 AM)	(6:00 AM - 7:30 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	73,393	52,146	19,090	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	62,323	44,814	15,693	
Autos and Motorcycles	44,389	29,746	10,916	
Average Auto Occupancy (Includes Motorcycles)	1.40	1.51	1.44	

I-395 B
 I-395 northbound between Va. 120 (S. Glebe Road) and Arlington Ridge Road
 HOV Lane Totals
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2007 - 10 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	834	33	4	4	1.10	8.00	3	878	967	0	33	0	1,089	2,056	5	916
5:30 - 6:00	1,515	402	23	21	1.35	7.39	17	1,978	2,661	2	20	52	660	3,373	6	2,006
6:00 - 6:30	600	323	178	72	2.26	5.64	26	1,199	2,681	14	14	270	462	3,413	7	1,234
6:30 - 7:00	435	253	1,357	82	2.85	3.56	42	2,169	6,112	19	10	319	330	6,761	9	2,207
7:00 - 7:30	376	236	889	23	2.50	3.25	84	1,608	3,896	28	8	534	264	4,694	7	1,651
7:30 - 8:00	322	230	898	15	2.55	3.23	78	1,543	3,808	30	15	575	495	4,878	7	1,595
8:00 - 8:30	287	107	731	3	2.44	3.07	101	1,229	2,854	31	52	611	1,716	5,181	7	1,319
8:30 - 9:00	295	75	466	6	2.31	3.17	111	953	2,053	22	40	436	1,320	3,809	3	1,018
9:00 - 9:30	1,168	357	164	6	1.44	3.32	40	1,735	2,487	11	17	289	561	3,337	30	1,793
9:30 - 10:00	875	249	20	2	1.27	3.86	7	1,153	1,465	4	31	64	1,023	2,552	19	1,207
Vehicles	6,707	2,265	4,730	234			509			144	139					
Persons	6,707	4,530	14,430	2,808						161	240					

HOV Restricted

	Period			Peak Hour (8:30 AM)
	5 Hours (6:00 AM - 9:00 AM)	(6:00 AM - 7:30 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	40,054	28,736	10,059	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	28,984	21,404	6,662	
Autos and Motorcycles	14,445	8,701	2,772	
Average Auto Occupancy (Includes Motorcycles)	2.01	2.46	2.40	

I-395 B
I-395 northbound between Va. 120 (S. Glebe Road) and Arlington Ridge Road
Non-HOV Lane Totals
HOV Restriction Period 6:00 AM - 9:00 AM
Spring, 2007 - 10 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles																																																																																																																												
										Transit	Other	Trans	Other																																																																																																																															
5:00 - 5:30	1,362	12	0	0	1.01	0.00	12	1,386	1,398	0	5	0	0	1,398	37	1,428																																																																																																																												
5:30 - 6:00	2,768	85	0	7	1.06	12.00	4	2,864	3,026	0	7	0	0	3,026	65	2,936																																																																																																																												
6:00 - 6:30	2,808	213	11	6	1.10	6.47	6	3,044	3,350	0	8	0	0	3,350	63	3,115																																																																																																																												
6:30 - 7:00	3,002	290	12	3	1.11	5.07	4	3,311	3,662	0	17	0	0	3,662	72	3,400																																																																																																																												
7:00 - 7:30	3,285	308	9	9	1.12	7.50	5	3,616	4,041	0	11	0	0	4,041	75	3,702																																																																																																																												
7:30 - 8:00	3,542	348	3	10	1.12	10.00	0	3,903	4,368	0	10	0	0	4,368	77	3,990																																																																																																																												
8:00 - 8:30	3,928	295	3	11	1.10	10.07	4	4,241	4,663	0	6	0	0	4,663	87	4,334																																																																																																																												
8:30 - 9:00	2,614	297	10	7	1.14	6.82	2	2,930	3,326	0	8	0	0	3,326	123	3,061																																																																																																																												
9:00 - 9:30	2,218	291	19	17	1.20	7.36	6	2,551	3,071	0	11	0	0	3,071	107	2,669																																																																																																																												
9:30 - 10:00	1,850	229	9	8	1.16	7.29	2	2,098	2,434	0	15	0	0	2,434	68	2,181																																																																																																																												
Vehicles	27,377	2,368	76	78			45																																																																																																																																					
Persons	27,377	4,736	245	936						0	60																																																																																																																																	
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<table border="0" style="width:100%"> <tr> <td></td> <td>Period</td> <td>Peak Hour</td> <td colspan="14"></td> </tr> <tr> <td>5 Hours</td> <td>(6:00 AM - 9:00 AM)</td> <td>(7:30 AM - 8:30 AM)</td> <td colspan="14"></td> </tr> <tr> <td>Highway Passengers</td> <td>33,339</td> <td>16,398</td> <td>9,031</td> <td colspan="14"></td> </tr> <tr> <td>Rail Passengers</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="14"></td> </tr> <tr> <td>Auto and Motorcycle Passengers</td> <td>33,339</td> <td>16,398</td> <td>9,031</td> <td colspan="14"></td> </tr> <tr> <td>Autos and Motorcycles</td> <td>29,944</td> <td>14,690</td> <td>8,144</td> <td colspan="14"></td> </tr> <tr> <td>Average Auto Occupancy (Includes Motorcycles)</td> <td>1.11</td> <td>1.12</td> <td>1.11</td> <td colspan="14"></td> </tr> </table>																		Period	Peak Hour															5 Hours	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)															Highway Passengers	33,339	16,398	9,031															Rail Passengers	0	0	0															Auto and Motorcycle Passengers	33,339	16,398	9,031															Autos and Motorcycles	29,944	14,690	8,144															Average Auto Occupancy (Includes Motorcycles)	1.11	1.12	1.11														
	Period	Peak Hour																																																																																																																																										
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Average Auto Occupancy (Includes Motorcycles)	1.11	1.12	1.11																																																																																																																																									

I-395 C
 I-395 north between Va 648 and Va 236
 Facility Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2007 - 8 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	2,140	37	5	10	1.07	9.00	8	2,200	2,357	0	3	0	27	2,384	77	2,280
5:30 - 6:00	3,888	170	35	26	1.13	6.84	28	4,147	4,673	1	12	19	135	4,827	87	4,247
6:00 - 6:30	3,104	366	397	71	1.50	4.44	85	4,023	5,998	3	37	94	810	6,902	149	4,212
6:30 - 7:00	2,415	329	1,091	91	1.92	3.77	90	4,016	7,621	5	44	72	1,053	8,746	112	4,177
7:00 - 7:30	2,299	266	1,353	33	1.86	3.26	104	4,055	7,459	10	33	187	810	8,456	102	4,200
7:30 - 8:00	2,319	278	1,217	24	1.78	3.20	77	3,915	6,918	9	19	165	432	7,515	122	4,065
8:00 - 8:30	2,587	327	712	10	1.52	3.15	70	3,706	5,582	9	21	130	513	6,225	136	3,872
8:30 - 9:00	2,775	267	319	6	1.29	3.20	48	3,415	4,396	7	17	91	297	4,784	151	3,590
9:00 - 9:30	3,566	403	59	16	1.17	5.03	20	4,064	4,769	3	22	0	459	5,228	176	4,265
9:30 - 10:00	3,123	339	28	44	1.25	8.51	8	3,542	4,422	1	25	36	486	4,944	162	3,730
Vehicles	28,216	2,782	5,216	331			538	37,083		48	233				1,274	38,638
Persons	28,216	5,564	15,905	3,972					54,195			794	5,022	60,011		

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	(6:00 AM - 7:00 AM)	
Highway Passengers	60,011	42,628	15,648
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	54,195	37,974	13,619
Autos and Motorcycles	37,083	23,130	8,039
Average Auto Occupancy (Includes Motorcycles)	1.46	1.64	1.69

I-395 north between Va 648 and Va 236
 HOV Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2007 - 8 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	861	29	4	9	1.15	9.23	6	909	1,045	0	1	0	27	1,072	4	914
5:30 - 6:00	1,628	97	33	24	1.24	6.79	21	1,803	2,230	1	5	19	135	2,384	5	1,814
6:00 - 6:30	385	69	392	69	2.80	4.42	77	992	2,637	3	30	94	810	3,541	5	1,030
6:30 - 7:00	170	74	1,062	79	3.28	3.70	85	1,470	4,621	5	39	72	1,053	5,746	6	1,520
7:00 - 7:30	263	59	1,320	19	2.78	3.17	94	1,755	4,714	10	30	187	810	5,711	1	1,796
7:30 - 8:00	368	44	1,191	13	2.60	3.12	67	1,683	4,276	9	16	165	432	4,873	8	1,716
8:00 - 8:30	347	59	687	4	2.35	3.06	63	1,160	2,645	9	19	130	513	3,288	9	1,197
8:30 - 9:00	353	55	303	3	1.98	3.11	39	753	1,454	7	11	91	297	1,842	6	777
9:00 - 9:30	1,274	145	37	3	1.18	3.80	17	1,476	1,733	3	17	24	459	2,216	24	1,520
9:30 - 10:00	897	74	2	5	1.14	9.43	7	985	1,118	1	18	36	486	1,640	22	1,026
Vehicles	6,546	705	5,031	228			476	12,986		48	186				90	13,310
Persons	6,546	1,410	15,305	2,736					26,473			818	5,022	32,313		

HOV Restricted

	Period	Peak Hour
5 Hours	(6:00 AM - 9:00 AM)	(6:00 AM - 7:00 AM)
Highway Passengers	32,313	25,001
Rail Passengers	0	0
Auto and Motorcycle Passengers	26,473	20,347
Autos and Motorcycles	12,986	7,813
Average Auto Occupancy (Includes Motorcycles)	2.04	2.60

I-395 C
 I-395 north between Va 648 and Va 236
 Conventional Total
 HOV Restriction Period 6:00 AM - 9:00 AM
 Spring, 2007 - 8 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	1,279	8	1	1	1.02	7.50	2	1,291	1,312	0	2	0	0	1,312	73	1,366
5:30 - 6:00	2,260	73	2	2	1.04	7.50	7	2,344	2,443	0	7	0	0	2,443	82	2,433
6:00 - 6:30	2,719	297	5	2	1.11	5.71	8	3,031	3,361	0	7	0	0	3,361	144	3,182
6:30 - 7:00	2,245	255	29	12	1.18	5.85	5	2,546	3,000	0	5	0	0	3,000	106	2,657
7:00 - 7:30	2,036	207	33	14	1.19	6.06	10	2,300	2,745	0	3	0	0	2,745	101	2,404
7:30 - 8:00	1,951	234	26	11	1.18	5.76	10	2,232	2,642	0	3	0	0	2,642	114	2,349
8:00 - 8:30	2,240	268	25	6	1.15	4.97	7	2,546	2,937	0	2	0	0	2,937	127	2,675
8:30 - 9:00	2,422	212	16	3	1.11	4.58	9	2,662	2,942	0	6	0	0	2,942	145	2,813
9:00 - 9:30	2,292	258	22	13	1.17	6.43	3	2,588	3,036	0	5	0	0	3,036	152	2,745
9:30 - 10:00	2,226	265	26	39	1.29	8.42	1	2,557	3,304	0	7	0	0	3,304	140	2,704
Vehicles	21,670	2,077	185	103			62	24,097		0	47				1,184	25,328
Persons	21,670	4,154	600	1,236					27,722			0	0	27,722		

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	6:00 AM - 7:00 AM)	(6:00 AM - 7:00 AM)
Highway Passengers	27,722	17,627	6,361
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	27,722	17,627	6,361
Autos and Motorcycles	24,097	15,317	5,577
Average Auto Occupancy (Includes Motorcycles)	1.15	1.15	1.14

I-95 A
I-95 north of Newington
Facility Total
HOV Restriction Period 6:00 AM - 9:00 AM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	3,537	68	4	31	1.11	11.00	24	3,664	4,082	0	33	0	1,089	5,171	96	3,793
5:30 - 6:00	4,231	237	52	37	1.16	6.76	39	4,596	5,346	0	20	0	660	6,006	87	4,703
6:00 - 6:30	3,392	227	624	169	1.77	4.97	69	4,481	7,858	0	19	0	495	8,353	58	4,558
6:30 - 7:00	3,212	281	1,242	105	1.83	3.76	109	4,949	8,945	0	33	0	1,023	9,968	110	5,092
7:00 - 7:30	3,197	219	1,151	53	1.68	3.44	109	4,729	7,885	0	23	0	726	8,611	114	4,866
7:30 - 8:00	3,352	172	886	16	1.49	3.20	81	4,507	6,664	0	13	0	429	7,093	124	4,644
8:00 - 8:30	2,577	164	470	13	1.40	3.32	49	3,273	4,556	0	11	0	363	4,919	92	3,376
8:30 - 9:00	3,058	217	202	14	1.22	3.60	45	3,536	4,314	0	12	0	396	4,710	105	3,653
9:00 - 9:30	3,857	280	40	9	1.11	4.67	12	4,198	4,658	0	12	0	363	5,021	199	4,409
9:30 - 10:00	3,786	248	12	11	1.10	7.48	9	4,066	4,463	0	8	0	99	4,562	170	4,244
Vehicles	34,199	2,113	4,683	458			546	41,999		0	184				1,155	43,338
Persons	34,199	4,226	19,800	0					24,655			0	1,650	26,305		

HOV Restricted

	Period		
	5 Hours (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	64,414	43,654	12,012
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	58,771	40,222	11,220
Autos and Motorcycles	41,999	25,475	7,780
Average Auto Occupancy (Includes Motorcycles)	1.40	1.58	1.44

I-95 A
I-95 north of Newington
HOV Lane Totals
HOV Restriction Period 6:00 AM - 9:00 AM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	1,496	59	4	31	1.26	11.00	21	1,611	2,020	0	33	0	1,089	3,109	13	1,657
5:30 - 6:00	1,576	223	51	37	1.39	6.81	30	1,917	2,651	0	20	0	660	3,311	10	1,947
6:00 - 6:30	832	152	623	167	2.85	4.96	69	1,843	5,121	0	15	0	495	5,616	18	1,876
6:30 - 7:00	416	155	1,236	105	3.02	3.76	109	2,021	5,879	0	31	0	1,023	6,902	8	2,060
7:00 - 7:30	331	126	1,148	50	2.83	3.42	109	1,764	4,788	0	22	0	726	5,514	13	1,799
7:30 - 8:00	416	105	884	11	2.43	3.15	81	1,497	3,526	0	13	0	429	3,955	22	1,532
8:00 - 8:30	419	90	468	10	2.19	3.26	47	1,034	2,204	0	11	0	363	2,567	14	1,059
8:30 - 9:00	331	116	201	10	1.96	3.44	42	700	1,331	0	12	0	396	1,727	8	720
9:00 - 9:30	1,505	208	40	5	1.20	4.02	11	1,769	2,113	0	11	0	363	2,476	71	1,851
9:30 - 10:00	1,082	151	9	11	1.23	8.15	7	1,260	1,554	0	3	0	99	1,653	45	1,308
Vehicles	8,404	1,385	4,664	437			526									
Persons	8,404	2,770	14,243	5,244												

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	36,830	26,281	6,522
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	31,187	22,849	5,730
Autos and Motorcycles	15,416	8,859	2,531
Average Auto Occupancy (Includes Motorcycles)	2.02	2.58	2.26

I-95 A
I-95 north of Newington
Non-HOV Lane Totals
HOV Restriction Period 6:00 AM - 9:00 AM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	2,041	9	0	0	1.00	0.00	3	2,053	2,062	0	0	0	0	2,062	207	2,260
5:30 - 6:00	2,655	14	1	0	1.01	3.00	9	2,679	2,695	0	0	0	0	2,695	134	2,813
6:00 - 6:30	2,560	75	1	2	1.04	9.00	0	2,638	2,737	0	4	0	0	2,737	133	2,775
6:30 - 7:00	2,796	126	6	0	1.05	3.00	0	2,928	3,066	0	2	0	0	3,066	224	3,154
7:00 - 7:30	2,866	93	3	3	1.04	7.50	0	2,965	3,097	0	1	0	0	3,097	189	3,155
7:30 - 8:00	2,936	67	2	5	1.04	9.71	0	3,010	3,138	0	0	0	0	3,138	198	3,208
8:00 - 8:30	2,158	74	2	3	1.05	8.80	2	2,239	2,352	0	0	0	0	2,352	185	2,424
8:30 - 9:00	2,727	101	1	4	1.05	10.20	3	2,836	2,983	0	0	0	0	2,983	241	3,077
9:00 - 9:30	2,352	72	0	4	1.05	12.00	1	2,429	2,545	0	1	0	0	2,545	339	2,769
9:30 - 10:00	2,704	97	3	0	1.04	3.00	2	2,806	2,909	0	5	0	0	2,909	292	3,103
Vehicles	25,795	728	19	21			20									
Persons	25,795	1,456	61	252												

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	5 Hours (6:00 AM - 9:00 AM)	8:30 AM - 8:30 AM)
Highway Passengers	27,584	17,373	5,490
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	27,584	17,373	5,490
Autos and Motorcycles	26,583	16,616	5,249
Average Auto Occupancy (Includes Motorcycles)	1.04	1.05	1.05

I-95 B
I-95 North at Dumfries
Facility Total
HOV Restriction Period 6:00 AM - 9:00 AM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	281	4	0	6	1.24	12.00	2	293	363	0	0	0	0	363	3	296
5:30 - 6:00	2,375	131	41	59	1.33	8.36	35	2,641	3,508	0	12	0	330	3,838	28	2,681
6:00 - 6:30	1,869	185	385	122	1.90	5.20	58	2,619	4,935	0	10	0	276	5,211	29	2,658
6:30 - 7:00	1,636	100	422	17	1.52	3.36	46	2,221	3,355	0	14	0	390	3,745	26	2,261
7:00 - 7:30	1,599	143	455	16	1.56	3.33	51	2,264	3,505	0	6	0	162	3,667	35	2,305
7:30 - 8:00	2,179	310	306	5	1.35	3.14	31	2,831	3,808	0	7	0	195	4,003	62	2,900
8:00 - 8:30	2,191	285	159	8	1.26	3.46	34	2,677	3,372	0	4	0	126	3,498	58	2,739
8:30 - 9:00	1,703	177	141	6	1.26	3.44	20	2,047	2,582	0	7	0	201	2,783	76	2,130
9:00 - 9:30	1,669	259	50	3	1.20	3.60	17	1,998	2,395	0	8	0	252	2,647	91	2,097
9:30 - 10:00	1,434	253	12	0	1.16	3.00	4	1,703	1,980	0	7	0	195	2,175	75	1,785
Vehicles	16,936	1,847	1,971	242			298	21,294		0	75				483	21,852
Persons	16,936	3,694	5,971	2,904					29,803			0	2,127	31,930		

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	6:00 AM - 9:00 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	31,930	22,907	9,049
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,803	21,557	8,443
Autos and Motorcycles	21,294	14,659	5,260
Average Auto Occupancy (Includes Motorcycles)	1.40	1.47	1.61

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	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	79	1	0	4	1.54	12.00	0	84	129	0	0	0	0	129	1	85
5:30 - 6:00	628	80	38	55	1.96	8.38	24	825	1,591	0	11	0	297	1,888	5	841
6:00 - 6:30	134	17	374	119	4.25	5.21	44	688	2,781	0	9	0	243	3,024	3	700
6:30 - 7:00	136	12	406	14	2.73	3.31	34	602	1,583	0	12	0	324	1,907	2	616
7:00 - 7:30	118	11	444	14	2.81	3.30	40	627	1,690	0	6	0	162	1,852	0	633
7:30 - 8:00	122	5	290	0	2.40	3.00	25	442	1,027	0	6	0	162	1,189	0	448
8:00 - 8:30	88	11	139	1	2.27	3.09	22	261	564	0	1	0	27	591	1	263
8:30 - 9:00	63	6	136	2	2.48	3.17	15	222	528	0	5	0	135	663	4	231
9:00 - 9:30	489	58	29	0	1.20	3.07	7	583	701	0	2	0	54	755	5	590
9:30 - 10:00	474	87	4	0	1.17	3.00	4	569	664	0	6	0	162	826	2	577
Vehicles	2,331	288	1,860	209			215	4,903		0	58				23	4,984
Persons	2,331	576	5,628	2,508					11,258			0	1,566	12,824		

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	(5:30 AM - 6:30 AM)	
Highway Passengers	12,824	9,226	4,912
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	11,258	8,173	4,372
Autos and Motorcycles	4,903	2,842	1,513
Average Auto Occupancy (Includes Motorcycles)	2.30	2.88	2.89

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	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	202	3	0	2	1.12	12.00	2	209	234	0	0	0	0	234	2	211
5:30 - 6:00	1,747	51	3	4	1.06	8.14	11	1,816	1,917	0	1	0	33	1,950	23	1,840
6:00 - 6:30	1,735	168	11	3	1.12	4.93	14	1,931	2,154	0	1	0	33	2,187	26	1,958
6:30 - 7:00	1,500	88	16	3	1.10	4.42	12	1,619	1,772	0	2	0	66	1,838	24	1,645
7:00 - 7:30	1,481	132	11	2	1.11	4.54	11	1,637	1,815	0	0	0	0	1,815	35	1,672
7:30 - 8:00	2,057	305	16	5	1.16	5.14	6	2,389	2,781	0	1	0	33	2,814	62	2,452
8:00 - 8:30	2,103	274	20	7	1.16	5.37	12	2,416	2,808	0	3	0	99	2,907	57	2,476
8:30 - 9:00	1,640	171	5	4	1.13	7.44	5	1,825	2,054	0	2	0	66	2,120	72	1,899
9:00 - 9:30	1,180	201	21	3	1.20	4.25	10	1,415	1,694	0	6	0	198	1,892	86	1,507
9:30 - 10:00	960	166	8	0	1.16	3.00	0	1,134	1,316	0	1	0	33	1,349	73	1,208
Vehicles	14,605	1,559	111	33			83	16,391		0	17				460	16,868
Persons	14,605	3,118	343	396					18,545			0	561	19,106		

HOV Restricted

	Period		Peak Hour
	5 Hours (6:00 AM - 9:00 AM)	(5:30 AM - 6:30 AM)	
Highway Passengers	19,106	13,681	4,137
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	18,545	13,384	4,071
Autos and Motorcycles	16,391	11,817	3,747
Average Auto Occupancy (Includes Motorcycles)	1.13	1.13	1.09

I-66 A

I-66 East crossing T. Roosevelt Bridge

Non-HOV Lane Totals

HOV Restriction Period on I-66 in Va. 6:30 AM - 9:00 AM

Spring, 2007 - 23 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC Riders		Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.		Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Auto Occ.		Transit	Other	Trans	Other	+ Bus Pass.					
5:00 - 5:30	1,921	62	2	4	1.06	9.00	10	1,999	2,109	0	2	0	0	2,109	92	2,093	
5:30 - 6:00	1,861	530	3	5	1.25	8.75	20	2,419	3,011	0	4	0	0	3,011	82	2,505	
6:00 - 6:30	1,737	515	17	11	1.30	6.71	29	2,309	2,984	5	7	0	0	2,984	75	2,396	
6:30 - 7:00	2,042	603	31	31	1.38	7.66	30	2,737	3,753	11	4	0	0	3,753	84	2,836	
7:00 - 7:30	1,995	746	50	18	1.37	5.46	44	2,853	3,902	9	6	0	0	3,902	71	2,939	
7:30 - 8:00	2,213	242	15	7	1.14	6.00	14	2,491	2,843	5	7	0	0	2,843	60	2,563	
8:00 - 8:30	2,297	145	13	4	1.09	5.35	9	2,468	2,687	0	5	0	0	2,687	43	2,516	
8:30 - 9:00	1,931	193	19	5	1.14	5.04	9	2,157	2,447	3	5	0	0	2,447	41	2,206	
9:00 - 9:30	2,048	286	13	9	1.18	6.86	20	2,376	2,791	3	15	0	0	2,791	81	2,475	
9:30 - 10:00	1,574	211	15	8	1.19	6.39	11	1,819	2,154	5	7	0	0	2,154	59	1,890	
Vehicles	19,619	3,533	178	102			196										
Persons	19,619	7,066	576	1,224													

HOV Restricted

	Period			Peak Hour (7:30 AM)
	5 Hours (6:30 AM - 9:00 AM)	6:30 AM - 7:30 AM	7:30 AM - 8:30 AM	
Highway Passengers	28,681	15,632	7,655	
Rail Passengers	0	0	0	
Auto and Motorcycle Passengers	28,681	15,632	7,655	
Autos and Motorcycles	23,628	12,706	5,590	
Average Auto Occupancy (Includes Motorcycles)	1.21	1.23	1.37	

I-66 B
 I-66 east at Spout Run
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 A M
 Spring, 2007 - 17 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	566	27	1	5	1.14	10.67	3	602	687	0	0	0	0	687	2	604
5:30 - 6:00	1,018	119	18	14	1.27	6.97	12	1,181	1,491	0	7	0	252	1,743	6	1,194
6:00 - 6:30	1,009	241	15	18	1.37	8.00	15	1,298	1,770	1	9	36	324	2,130	0	1,308
6:30 - 7:00	781	593	32	25	1.66	7.07	26	1,457	2,396	2	6	63	216	2,675	2	1,467
7:00 - 7:30	306	1,015	97	12	1.94	4.01	33	1,463	2,806	1	14	32	504	3,342	7	1,485
7:30 - 8:00	417	791	81	11	1.83	4.16	24	1,324	2,406	2	17	58	612	3,076	1	1,344
8:00 - 8:30	451	844	44	7	1.75	4.33	27	1,373	2,387	1	31	23	1,116	3,526	3	1,408
8:30 - 9:00	522	665	20	6	1.64	5.15	13	1,226	1,999	0	24	0	864	2,863	4	1,254
9:00 - 9:30	1,196	414	24	5	1.32	4.59	9	1,648	2,166	0	21	0	756	2,922	2	1,671
9:30 - 10:00	1,298	203	0	6	1.18	12.00	5	1,512	1,781	0	14	0	504	2,285	1	1,527
Vehicles	7,564	4,912	332	109			167	13,084		7	143				28	13,262
Persons	7,564	9,824	1,026	1,308					19,889			212	5,148	25,249		

HOV Restricted

5 Hour	Period		Peak Hour
	(6:30 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	25,249	15,482	6,602
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	19,889	11,994	4,793
Autos and Motorcycles	13,084	6,843	2,697
Average Auto Occupancy (Includes Motorcycles)	1.52	1.75	1.78

I-66 C
I-66 East between Sycamore Street and Fairfax Drive
HOV Lane Totals
HOV Restriction Period 6:30 AM - 9:00 AM
Spring 2007 - 16 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van-pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total		Rail	
										Transit	Other	Trans	Other			Vehicles	Metro	Comm.	
5:00 - 5:30	835	21	1	5	1.09	10.50	5	867	945	0	8	0	224	1,169	0	875	339	0	0
5:30 - 6:00	1,827	303	7	16	1.23	9.30	7	2,160	2,654	1	5	26	140	2,820	3	2,169	453	0	0
6:00 - 6:30	1,464	306	23	24	1.34	7.62	9	1,826	2,443	0	5	0	140	2,583	4	1,835	1,259	0	0
6:30 - 7:00	480	499	69	37	1.97	6.24	18	1,103	2,157	1	8	49	224	2,430	0	1,112	1,953	0	0
7:00 - 7:30	404	690	57	13	1.82	4.79	12	1,176	2,131	1	8	54	224	2,409	7	1,192	2,332	0	0
7:30 - 8:00	584	1,411	77	5	1.78	3.65	19	2,096	3,724	0	27	0	756	4,480	4	2,127	2,734	0	0
8:00 - 8:30	536	1,220	84	5	1.78	3.56	19	1,864	3,312	1	37	47	1,036	4,395	2	1,904	3,264	0	0
8:30 - 9:00	563	1,015	26	6	1.70	4.75	14	1,624	2,759	0	15	0	420	3,179	5	1,644	1,692	0	0
9:00 - 9:30	1,241	370	28	12	1.34	5.85	8	1,659	2,223	1	20	38	560	2,821	1	1,681	1,087	0	0
9:30 - 10:00	1,160	192	26	14	1.29	6.38	6	1,398	1,805	1	7	16	196	2,017	6	1,412	771	0	0
Vehicles	9,094	6,027	398	137			117												
Persons	9,094	12,054	1,244	1,644															
HOV Restricted																			
	Period		Peak Hour																
	5 Hours	(6:30 AM -	9:00 AM)	(7:30 AM -	8:30 AM)														
Highway Passengers	28,303	16,893	8,875																
Rail Passengers	15,884	11,975	5,998																
Auto and Motorcycle Passengers	24,153	14,083	7,036																
Autos and Motorcycles	15,773	7,863	3,960																
Average Auto Occupancy	1.53	1.79	1.78																
(Includes Motorcycles)																			

I-66 D
 I-66 East between I-495 and Va. 7
 HOV lanes
 HOV Restriction Period 6:30 AM - 9:00 AM
 Spring 2007 - 16 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC Riders		Buses				Total Auto Passengers + MC Riders + Bus Pass.		Trucks	Total Vehicles		Rail Metro Comm.	
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other	Trans	Other	Total Vehicles	Metro	Comm.						
5:00 - 5:30	315	13	0	0	1.04	0.00	1	329	342	0	0	0	0	342	0	329	141	0	0	
5:30 - 6:00	1,543	221	5	4	1.16	7.22	5	1,778	2,055	0	3	0	108	2,163	3	1,784	287	0	0	
6:00 - 6:30	1,287	278	5	10	1.25	9.00	9	1,589	1,987	0	8	0	288	2,275	13	1,610	351	0	0	
6:30 - 7:00	300	638	20	5	1.76	4.84	24	987	1,721	0	8	0	288	2,009	3	998	1,252	0	0	
7:00 - 7:30	207	525	95	8	1.99	3.90	17	852	1,676	0	3	0	108	1,784	3	858	1,644	0	0	
7:30 - 8:00	326	551	64	10	1.84	4.32	14	965	1,762	0	8	0	288	2,050	9	982	1,755	0	0	
8:00 - 8:30	213	627	45	1	1.82	3.20	9	895	1,623	0	5	0	180	1,803	3	903	1,596	0	0	
8:30 - 9:00	330	333	34	5	1.65	4.21	15	717	1,175	0	5	0	180	1,355	4	726	996	0	0	
9:00 - 9:30	690	274	66	5	1.46	3.83	11	1,046	1,521	0	4	0	144	1,665	11	1,061	358	0	0	
9:30 - 10:00	851	392	8	4	1.36	6.08	3	1,258	1,711	0	8	0	288	1,999	9	1,275	252	0	0	
Vehicles	6,062	3,852	342	52			108	10,416		0	52				58	10,526				
Persons	6,062	7,704	1,075	624					15,573				0	1,872		17,445		8,632	0	

	HOV Restricted		
	5 Hour Period (6:30 AM - 9:00 AM)	Peak Hour (5:30 AM - 6:30 AM)	
Highway Passengers	17,445	9,001	4,438
Rail Passengers	8,632	7,243	638
Auto and Motorcycle Passengers	15,573	7,957	4,042
Autos and Motorcycles	10,416	4,416	3,367
Average Auto Occupancy (Includes Motorcycles)	1.50	1.80	1.20

I-66 E
I-66 eastbound between VA 243 and I-495
Facility Total
HOV Restriction Period 5:30 AM - 9:30 AM
Spring 2007 - 22 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total	Rail			
					Avg. Van-pools Auto Occ.	Auto Occ.		Van-pools + MC	Transit	Other	Trans	Other	Vehicles	Metro		Comm.				
5:00 - 5:30	1,573	224	9	10	1.20	7.89	12	1,828	2,183	12	8	0	84	2,267	10	1,858	196	0		
5:30 - 6:00	2,523	511	25	32	1.30	8.18	39	3,130	4,050	29	10	0	168	4,218	36	3,205	526	0		
6:00 - 6:30	2,083	505	23	14	1.27	6.57	26	2,651	3,362	67	19	0	56	3,418	34	2,771	834	0		
6:30 - 7:00	1,968	614	12	15	1.31	8.04	32	2,641	3,445	89	27	0	168	3,613	32	2,789	1,073	0		
7:00 - 7:30	1,872	531	20	4	1.26	4.67	22	2,449	3,068	67	19	0	364	3,432	45	2,580	1,466	0		
7:30 - 8:00	1,890	540	56	5	1.29	3.89	51	2,542	3,258	63	25	0	140	3,398	44	2,674	2,011	0		
8:00 - 8:30	1,559	552	56	5	1.33	3.82	23	2,195	2,919	59	58	0	308	3,227	37	2,349	2,359	0		
8:30 - 9:00	1,700	455	30	7	1.27	4.84	16	2,208	2,805	32	48	0	112	2,917	59	2,347	1,293	0		
9:00 - 9:30	1,890	394	13	10	1.23	7.04	7	2,314	2,847	20	28	0	280	3,127	77	2,439	449	0		
9:30 - 10:00	1,847	354	15	11	1.23	6.81	6	2,233	2,738	6	46	0	252	2,990	39	2,324	295	0		
Vehicles	18,905	4,680	259	113			234	24,191		444	288				413	25,336				
Persons	18,905	9,360	820	1,356					14,567				0	1,092	15,659			6,407	0	
HOV Restricted																				
	Period		Peak Hour																	
	5 Hours		(5:30 AM - 9:30 AM)		(5:30 AM - 6:30 AM)															
Highway Passengers	32,607	27,350	7,636																	
Rail Passengers	4,095	9,758	1,360																	
Auto and Motorcycle Passengers	30,675	25,754	7,412																	
Autos and Motorcycles	24,191	20,130	5,781																	
Average Auto Occupancy (Includes Motorcycles)	1.27	1.28	1.28																	

I-66 E
 I-66 eastbound between VA 243 and I-495
 HOV Lane Totals
 HOV Restriction Period 5:30 AM - 9:30 AM
 Spring 2007 - 22 May 2007

Time	HOV			Van-pools	3+Autos+		Motor-cycles (MC)	Total	Total	Buses				Total Auto	Trucks	Total		Rail	
	1 Autos	2 Autos	3+ Autos		Avg. Auto Occ.	Van-pools		Van-pools + MC	Persons + MC Riders	Transit	Other	Trans	Other	+ Bus Pass. Riders		Vehicles	Metro	Comm.	
5:00 - 5:30	696	188	9	9	1.34	7.67	10	912	1,220	0	3	0	84	1,304	0	915	196	0	
5:30 - 6:00	262	411	23	24	2.01	7.68	31	751	1,476	0	6	0	168	1,644	2	759	526	0	
6:00 - 6:30	138	400	13	9	1.94	6.82	24	584	1,112	0	2	0	56	1,168	1	587	834	0	
6:30 - 7:00	108	561	9	14	2.06	8.48	25	717	1,450	0	6	0	168	1,618	0	723	1,073	0	
7:00 - 7:30	158	478	11	4	1.84	5.47	10	661	1,206	0	13	0	364	1,570	0	674	1,466	0	
7:30 - 8:00	159	427	51	2	1.87	3.43	5	644	1,200	0	5	0	140	1,340	7	656	2,011	0	
8:00 - 8:30	126	352	46	2	1.89	3.46	14	540	1,010	0	11	0	308	1,318	6	557	2,359	0	
8:30 - 9:00	150	342	23	2	1.80	3.88	12	529	943	0	4	0	112	1,055	4	537	1,293	0	
9:00 - 9:30	221	301	5	8	1.75	8.54	6	541	940	0	10	0	280	1,220	0	551	449	0	
9:30 - 10:00	548	138	5	4	1.28	7.00	3	698	890	0	9	0	252	1,142	2	709	295	0	
Vehicles	2,566	3,598	195	78			140												
Persons	2,566	7,196	609	936															

HOV Restricted

	Period	Peak Hour
	5 Hours (5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)
Highway Passengers	13,379	10,933
Rail Passengers	4,095	10,011
Auto and Motorcycle Passengers	11,447	9,337
Autos and Motorcycles	6,577	4,967
Average Auto Occupancy (Includes Motorcycles)	1.74	1.88
		1.94

o I-66 E

I-66 eastbound between VA 243 and I-495

Non-HOV Lane Totals

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

Spring 2007 - 22 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles	Rail		
					Avg. Van-pools Auto Occ.	Auto Occ.		Transit	Other	Trans	Other	Metrol	Comm.						
5:00 - 5:30	877	36	0	1	1.05	12.00	2	916	963	0	0	0	0	963	359	1,275	0	0	
5:30 - 6:00	2,261	100	2	8	1.08	10.50	8	2,379	2,574	0	4	0	0	2,574	390	2,773	0	0	
6:00 - 6:30	1,945	105	10	5	1.09	6.20	2	2,067	2,250	0	7	0	0	2,250	553	2,627	0	0	
6:30 - 7:00	1,860	53	3	1	1.04	5.50	7	1,924	1,995	0	5	0	0	1,995	429	2,358	0	0	
7:00 - 7:30	1,714	53	9	0	1.04	3.33	12	1,788	1,862	0	2	0	0	1,862	233	2,023	0	0	
7:30 - 8:00	1,731	113	5	3	1.09	6.88	46	1,898	2,058	0	3	0	0	2,058	131	2,032	0	0	
8:00 - 8:30	1,433	200	10	3	1.15	5.15	9	1,655	1,909	0	4	0	0	1,909	201	1,860	0	0	
8:30 - 9:00	1,550	113	7	5	1.11	6.83	4	1,679	1,862	0	2	0	0	1,862	270	1,951	0	0	
9:00 - 9:30	1,669	93	8	2	1.08	5.10	1	1,773	1,907	0	4	0	0	1,907	270	2,047	0	0	
9:30 - 10:00	1,299	216	10	7	1.20	6.71	3	1,535	1,848	0	95	0	0	1,848	190	1,820	0	0	
Vehicles	16,339	1,082	64	35			94			0									
Persons	16,339	2,164	211	420															
HOV Restricted																			
	Period		Peak Hour																
	5 Hours		(5:30 AM - 9:30 AM)		(5:30 AM - 6:30 AM)														
Highway Passengers	19,228	16,417	4,824																
Rail Passengers	0	0	0																
Auto and Motorcycle Passengers	19,228	16,417	4,824																
Autos and Motorcycles	17,614	15,163	4,446																
Average Auto Occupancy (Includes Motorcycles)	1.09	1.08	1.09																

I-66 G
 I-66 East between Monument Drive and U.S. 50
 Facility Total
 HOV Restriction Period 5:30 AM - 9:30 AM
 Fall, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	869	87	4	6	1.17	8.40	6	972	1,133	0	1	0	36	1,169	27	1,000
5:30 - 6:00	2,219	398	4	21	1.24	10.56	17	2,659	3,296	0	0	0	0	3,296	105	2,764
6:00 - 6:30	1,966	488	27	12	1.27	5.95	24	2,517	3,198	0	0	0	0	3,198	99	2,616
6:30 - 7:00	2,050	719	32	15	1.34	6.09	18	2,834	3,792	0	0	0	0	3,792	93	2,927
7:00 - 7:30	1,991	673	27	23	1.37	7.36	15	2,729	3,720	0	0	0	0	3,720	81	2,810
7:30 - 8:00	1,966	533	43	3	1.26	3.63	18	2,563	3,217	0	0	0	0	3,217	112	2,675
8:00 - 8:30	1,869	460	16	5	1.23	5.19	9	2,359	2,907	0	0	0	0	2,907	142	2,501
8:30 - 9:00	1,777	337	19	4	1.20	4.96	12	2,149	2,577	0	0	0	0	2,577	116	2,265
9:00 - 9:30	1,715	354	20	3	1.21	4.30	7	2,099	2,529	1	8	2	180	2,711	103	2,211
9:30 - 10:00	1,997	309	18	6	1.18	5.42	7	2,337	2,752	1	2	6	72	2,830	130	2,470
Vehicles	18,419	4,358	210	98			133	23,218		2	11				1,008	24,239
Persons	18,419	8,716	677	1,176					29,121			8	288	29,417		

HOV Restricted

	5 Hour Period (5:30 AM - 9:30 AM)	Peak Hour (5:30 AM - 6:30 AM)
Highway Passengers	29,417	6,494
Rail Passengers	0	0
Auto and Motorcycle Passengers	29,121	6,494
Autos and Motorcycles	23,218	5,176
Average Auto Occupancy (Includes Motorcycles)	1.25	1.27

I-66 G
I-66 East between Monument Drive and U.S. 50
HOV Total
HOV Restriction Period 5:30 AM - 9:30 AM
Fall, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	414	66	4	4	1.24	7.50	5	493	611	0	1	0	36	647	0	494
5:30 - 6:00	115	352	3	20	2.18	10.83	13	503	1,081	1	9	14	324	1,419	0	513
6:00 - 6:30	68	415	13	10	2.09	6.91	19	525	1,076	3	2	102	72	1,250	4	534
6:30 - 7:00	107	602	7	12	2.03	8.68	11	739	1,487	4	16	101	576	2,164	7	766
7:00 - 7:30	105	484	5	11	2.02	9.19	6	611	1,226	3	13	165	468	1,859	2	629
7:30 - 8:00	148	382	32	2	1.83	3.56	6	570	1,039	6	9	174	324	1,537	4	589
8:00 - 8:30	105	345	11	2	1.84	4.46	6	469	859	3	2	133	72	1,064	4	478
8:30 - 9:00	84	274	11	3	1.89	5.00	10	382	712	3	4	35	144	891	2	391
9:00 - 9:30	80	255	5	2	1.84	5.57	5	347	634	1	5	2	180	816	1	354
9:30 - 10:00	503	130	3	3	1.26	7.50	4	643	812	1	2	6	72	890	3	649
Vehicles	1,729	3,305	94	69			85	5,282		25	63				27	5,397
Persons	1,729	6,610	285	828					9,537			732	2,268	12,537		

HOV Restricted

	Period		Peak Hour
	5 Hour (5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)	
Highway Passengers	12,537	11,000	2,669
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,537	8,114	2,157
Autos and Motorcycles	5,282	4,146	1,028
Average Auto Occupancy (Includes Motorcycles)	1.81	1.96	2.10

I-66 G
I-66 East between Monument Drive and U.S. 50
Conventional Total
HOV Restriction Period 5:30 AM - 9:30 AM
Fall, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos Van-pools + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	455	21	0	2	1.09	12.00	1	479	522	0	0	0	0	522	27	506
5:30 - 6:00	2,104	46	1	1	1.03	7.50	4	2,156	2,215	0	3	0	0	2,215	105	2,264
6:00 - 6:30	1,898	73	14	2	1.07	4.56	5	1,992	2,122	0	3	0	0	2,122	95	2,090
6:30 - 7:00	1,943	117	25	3	1.10	4.32	7	2,095	2,305	0	0	0	0	2,305	86	2,181
7:00 - 7:30	1,886	189	22	12	1.18	6.50	9	2,118	2,494	0	0	0	0	2,494	79	2,197
7:30 - 8:00	1,818	151	11	1	1.09	3.83	12	1,993	2,178	0	2	0	0	2,178	108	2,103
8:00 - 8:30	1,764	115	5	3	1.08	6.38	3	1,890	2,048	0	1	0	0	2,048	138	2,029
8:30 - 9:00	1,693	63	8	1	1.06	4.89	2	1,767	1,865	0	1	0	0	1,865	114	1,882
9:00 - 9:30	1,635	99	15	1	1.08	3.75	2	1,752	1,895	0	3	0	0	1,895	102	1,857
9:30 - 10:00	1,494	179	15	3	1.15	4.72	3	1,694	1,940	0	0	0	0	1,940	127	1,821
Vehicles	16,690	1,053	116	29				17,936		0	13				981	18,930
Persons	16,690	2,106	392	348					19,584			0	0	19,584		

HOV Restricted

	Period		Peak Hour
	5 Hour (5:30 AM - 9:30 AM)	(5:30 AM - 6:30 AM)	
Highway Passengers	19,584	17,122	4,337
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	19,584	17,122	4,337
Autos and Motorcycles	17,936	15,763	4,148
Average Auto Occupancy (Includes Motorcycles)	1.09	1.09	1.05

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	2,111	28	2	7	1.05	10.11	23	2,171	2,281	0	0	0	0	2,281	67	2,238
5:30 - 6:00	2,611	469	58	16	1.24	4.95	20	3,174	3,935	0	2	0	72	4,007	102	3,278
6:00 - 6:30	1,772	712	59	15	1.39	4.89	29	2,587	3,587	0	2	0	72	3,659	93	2,682
6:30 - 7:00	1,833	714	30	9	1.34	5.13	33	2,619	3,494	0	2	0	72	3,566	100	2,721
7:00 - 7:30	1,917	598	38	4	1.28	3.93	23	2,580	3,301	0	2	0	72	3,373	127	2,709
7:30 - 8:00	2,049	688	49	8	1.31	4.30	17	2,811	3,687	0	9	0	309	3,996	131	2,951
8:00 - 8:30	1,923	709	91	1	1.33	3.14	14	2,738	3,644	0	5	0	180	3,824	140	2,883
8:30 - 9:00	1,839	626	52	1	1.29	3.19	12	2,530	3,272	0	15	0	495	3,767	134	2,679
9:00 - 9:30	1,369	192	12	4	1.16	5.25	9	1,586	1,846	0	6	0	156	2,002	131	1,723
9:30 - 10:00	1,492	169	8	2	1.13	5.00	13	1,684	1,893	0	10	0	225	2,118	132	1,826
Vehicles	18,916	4,905	399	67			193	24,480		0	53				1,157	25,690
Persons	18,916	9,810	1,217	804					30,940			0	1,653	32,593		

HOV Restricted

	Period		Peak Hour
	5 Hour (5:30 AM - 9:30 AM)	(6:00 AM - 7:00 AM)	
Highway Passengers	32,593	28,194	7,225
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	30,940	26,766	7,081
Autos and Motorcycles	24,480	20,625	5,206
Average Auto Occupancy (Includes Motorcycles)	1.26	1.30	1.36

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	3+Autos+		Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	701	9	0	3	1.06	12.00	14	727	769	0	0	0	0	769	0	727
5:30 - 6:00	405	317	57	14	1.74	4.77	15	808	1,393	0	2	0	72	1,465	5	815
6:00 - 6:30	123	596	54	15	2.11	5.03	27	815	1,689	0	2	0	72	1,761	14	831
6:30 - 7:00	127	606	17	7	1.95	5.63	32	789	1,506	0	2	0	72	1,578	11	802
7:00 - 7:30	176	512	26	1	1.81	3.41	23	738	1,315	0	2	0	72	1,387	17	757
7:30 - 8:00	118	640	40	3	1.94	3.67	17	818	1,573	0	8	0	288	1,861	8	834
8:00 - 8:30	120	625	84	1	1.97	3.12	14	844	1,649	0	5	0	180	1,829	10	859
8:30 - 9:00	151	551	44	0	1.86	3.02	12	758	1,398	0	12	0	432	1,830	11	781
9:00 - 9:30	152	114	6	2	1.54	5.25	9	283	431	0	2	0	72	503	9	294
9:30 - 10:00	457	81	2	1	1.18	6.67	9	550	648	0	1	0	36	684	7	558
Vehicles	2,530	4,051	330	47			172	7,130		0	36				92	7,258
Persons	2,530	8,102	1,003	564					12,371			0	1,296	13,667		

HOV Restricted

	Period		Peak Hour
	5 Hour (5:30 AM - 9:30 AM)	(6:00 AM - 9:30 AM)	(7:00 AM)
Highway Passengers	13,667	12,214	3,339
Rail Passengers	834	834	315
Auto and Motorcycle Passengers	12,371	10,954	3,195
Autos and Motorcycles	7,130	5,853	1,604
Average Auto Occupancy (Includes Motorcycles)	1.74	1.87	1.99

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	3+Autos+		Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	1,410	19	2	4	1.05	9.17	9	1,444	1,512	0	0	0	0	1,512	67	1,511
5:30 - 6:00	2,206	152	1	2	1.07	9.00	5	2,366	2,542	0	0	0	0	2,542	97	2,463
6:00 - 6:30	1,649	116	5	0	1.07	3.00	2	1,772	1,898	0	0	0	0	1,898	79	1,851
6:30 - 7:00	1,706	108	13	2	1.09	4.33	1	1,830	1,988	0	0	0	0	1,988	89	1,919
7:00 - 7:30	1,741	86	12	3	1.08	4.87	0	1,842	1,986	0	0	0	0	1,986	110	1,952
7:30 - 8:00	1,931	48	9	5	1.06	6.21	0	1,993	2,114	0	1	0	21	2,135	123	2,117
8:00 - 8:30	1,803	84	7	0	1.05	3.43	0	1,894	1,995	0	0	0	0	1,995	130	2,024
8:30 - 9:00	1,688	75	8	1	1.06	4.00	0	1,772	1,874	0	3	0	63	1,937	123	1,898
9:00 - 9:30	1,217	78	6	2	1.09	5.25	0	1,303	1,415	0	4	0	84	1,499	122	1,429
9:30 - 10:00	1,035	88	6	1	1.10	4.29	4	1,134	1,245	0	9	0	189	1,434	125	1,268
Vehicles	16,386	854	69	20				17,350		0	17				1,065	18,432
Persons	16,386	1,708	214	240					18,569			0	357	18,926		

HOV Restricted

	Period		Peak Hour
	5 Hour (5:30 AM - 9:30 AM)	(6:00 AM - 9:30 AM)	(7:00 AM)
Highway Passengers	18,926	15,980	3,886
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	18,569	15,812	3,886
Autos and Motorcycles	17,350	14,772	3,602
Average Auto Occupancy (Includes Motorcycles)	1.07	1.07	1.08

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	102	3	2	0	1.07	3.00	0	107	114	6	0	180	0	294	0	113
5:30 - 6:00	1,329	43	2	4	1.07	9.00	5	1,383	1,474	11	0	307	0	1,781	5	1,399
6:00 - 6:30	1,543	44	2	6	1.07	10.00	3	1,598	1,714	0	12	0	360	2,074	4	1,614
6:30 - 7:00	774	237	22	6	1.34	5.21	17	1,056	1,411	0	28	0	876	2,287	2	1,086
7:00 - 7:30	563	730	69	6	1.69	3.81	23	1,391	2,332	0	27	0	714	3,046	4	1,422
7:30 - 8:00	595	1,122	109	4	1.76	3.43	22	1,852	3,249	0	27	0	690	3,939	1	1,880
8:00 - 8:30	464	944	32	6	1.75	4.58	17	1,463	2,543	0	36	0	996	3,539	6	1,505
8:30 - 9:00	608	621	39	3	1.58	3.79	16	1,287	2,025	0	21	0	510	2,535	3	1,311
9:00 - 9:30	1,897	229	16	1	1.13	3.59	9	2,152	2,425	0	21	0	516	2,941	6	2,179
9:30 - 10:00	1,911	196	16	2	1.12	3.95	4	2,129	2,382	4	25	79	684	3,145	3	2,161
Vehicles	9,786	4,169	309	38			116	14,418		21	197				34	14,670
Persons	9,786	8,338	973	456					19,669			566	5,346	25,581		

HOV Restricted

	Period		Peak Hour
	5 Hour (6:30 AM - 9:00 AM)	(7:00 AM - 9:00 AM)	(8:00 AM - 9:00 AM)
Highway Passengers	25,581	14,885	6,985
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	19,669	11,249	5,581
Autos and Motorcycles	14,418	7,360	3,243
Average Auto Occupancy	1.36	1.53	1.72

I-66 I
 Dulles Toll Road Eastbound east of VA 123
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	23	0	0	0	1.00	0.00	0	23	23	1	0	16	0	39	0	24
5:30 - 6:00	671	23	0	3	1.08	12.00	3	700	756	2	1	49	0	805	1	704
6:00 - 6:30	492	34	0	6	1.19	12.00	1	533	633	4	0	91	0	724	3	540
6:30 - 7:00	288	213	20	5	1.60	5.08	7	533	848	8	6	217	216	1,281	1	548
7:00 - 7:30	285	393	14	1	1.63	3.80	9	702	1,137	12	4	333	144	1,614	0	718
7:30 - 8:00	376	632	47	0	1.70	3.17	10	1,065	1,799	11	5	295	180	2,274	1	1,082
8:00 - 8:30	306	419	13	2	1.63	4.27	7	747	1,215	9	11	258	396	1,869	2	769
8:30 - 9:00	334	241	17	3	1.52	4.45	8	603	913	6	5	161	180	1,254	1	615
9:00 - 9:30	1,063	112	9	0	1.11	3.00	6	1,190	1,320	5	11	0	396	1,716	4	1,210
9:30 - 10:00	1,120	83	8	0	1.08	3.95	3	1,214	1,315	0	14	0	504	1,819	0	1,228
Vehicles	4,958	2,150	128	20			54	7,310		58	57				13	7,438
Persons	4,958	4,300	407	240					9,959			1,420	2,016	13,395		

HOV Restricted

	Period Peak Hour		
	5 Hour (6:30 AM - 9:00 AM)	(7:00 AM - 9:00 AM)	(8:00 AM - 9:00 AM)
Highway Passengers	13,395	7,762	3,888
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,959	5,632	2,936
Autos and Motorcycles	7,310	3,580	1,767
Average Auto Occupancy (Includes Motorcycles)	1.36	1.57	1.66

I-66 I

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	79	3	2	0	1.08	3.00	0	84	91	5	3	164	90	345	0	92
5:30 - 6:00	658	20	2	1	1.05	6.00	2	683	718	9	6	258	150	1,126	4	702
6:00 - 6:30	1,051	10	2	0	1.02	4.00	2	1,065	1,081	12	12	378	360	1,819	1	1,090
6:30 - 7:00	486	24	2	1	1.08	6.33	10	523	563	15	22	518	660	1,741	1	561
7:00 - 7:30	278	337	55	5	1.75	3.82	14	689	1,195	14	23	437	570	2,202	4	730
7:30 - 8:00	219	490	62	4	1.86	3.62	12	787	1,450	14	22	496	510	2,456	0	823
8:00 - 8:30	158	525	19	4	1.87	4.78	10	716	1,328	12	25	378	600	2,306	4	757
8:30 - 9:00	274	380	22	0	1.63	3.18	8	684	1,112	12	16	427	330	1,869	2	714
9:00 - 9:30	834	117	7	1	1.15	4.25	3	962	1,105	7	10	178	120	1,403	2	981
9:30 - 10:00	791	113	8	2	1.17	4.90	1	915	1,067	4	11	79	180	1,326	3	933
Vehicles	4,828	2,019	181	18			62	7,108		104	150				21	7,383
Persons	4,828	4,038	566	216					9,710			3,311	3,570	16,591		

HOV Restricted

	Period		Peak Hour
	5 Hour (6:30 AM - 9:00 AM)	6:30 AM - 7:00 AM - 9:00 AM)	7:00 AM - 8:00 AM)
Highway Passengers	16,591	10,523	4,658
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,710	5,617	2,645
Autos and Motorcycles	7,108	3,780	1,476
Average Auto Occupancy (Includes Motorcycles)	1.37	1.49	1.79

I-270 (Maximum Load Point)
 I-270 South between Montrose Road and "Split"
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycle (MC)	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	1,941	18	1	1	1.01	6.00	42	2,003	2,031	0	1	0	21	2,052	181	2,185	
5:30 - 6:00	4,229	171	14	23	1.10	8.62	22	4,459	4,912	1	3	7	63	4,982	237	4,700	
6:00 - 6:30	4,060	436	17	19	1.15	7.83	5	4,537	5,219	2	5	36	105	5,360	225	4,769	
6:30 - 7:00	5,274	510	4	9	1.11	9.23	13	5,810	6,427	2	5	30	105	6,562	250	6,067	
7:00 - 7:30	5,031	516	6	11	1.12	9.00	11	5,575	6,227	2	2	34	42	6,303	237	5,816	
7:30 - 8:00	4,326	1,044	128	15	1.27	4.05	8	5,521	7,001	2	5	33	105	7,139	229	5,757	
8:00 - 8:30	5,051	948	67	17	1.21	5.13	8	6,091	7,386	1	6	14	126	7,526	266	6,364	
8:30 - 9:00	4,337	738	55	18	1.20	5.34	2	5,150	6,205	1	5	40	105	6,350	271	5,427	
9:00 - 9:30	4,655	226	13	6	1.07	6.53	4	4,904	5,235	0	5	0	105	5,340	257	5,166	
9:30 - 10:00	4,480	102	5	3	1.03	6.63	2	4,592	4,739	0	2	0	42	4,781	263	4,857	
Vehicles	43,384	4,709	310	122				48,642			11	39			2,416	51,108	
Persons	43,384	9,418	999	1,464					55,382			194	819	56,395			

	HOV		
	5 Hour Period (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	56,395	39,240	14,665
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	55,382	38,465	14,387
Autos and Motorcycles	48,642	32,684	11,612
Average Auto Occupancy (Includes Motorcycles)	1.14	1.18	1.24

I-270 (Maximum Load Point)
 I-270 South between Montrose Road and "Split"
 HOV Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders + Bus Pass	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	349	14	1	1	1.07	6.00	0	365	389	0	0	0	0	389	1	366
5:30 - 6:00	1,033	83	2	16	1.23	11.00	3	1,137	1,400	1	2	7	42	1,449	7	1,147
6:00 - 6:30	840	215	1	10	1.31	11.18	5	1,071	1,398	2	4	36	84	1,518	1	1,078
6:30 - 7:00	812	346	2	6	1.36	9.75	13	1,179	1,595	2	4	30	84	1,709	2	1,187
7:00 - 7:30	709	422	1	4	1.41	10.60	7	1,143	1,613	2	1	34	21	1,668	2	1,148
7:30 - 8:00	108	521	15	5	1.94	5.30	6	655	1,262	2	3	33	63	1,358	6	666
8:00 - 8:30	67	693	25	7	2.04	5.16	6	798	1,624	1	4	14	84	1,722	5	808
8:30 - 9:00	43	579	18	10	2.12	6.39	2	652	1,382	1	3	40	63	1,485	7	663
9:00 - 9:30	963	109	1	1	1.11	7.50	1	1,075	1,197	0	3	0	63	1,260	1	1,079
9:30 - 10:00	1,339	26	0	0	1.02	0.00	0	1,365	1,391	0	0	0	0	1,391	1	1,366
Vehicles	6,263	3,008	66	60				9,440		11	24				33	9,508
Persons	6,263	6,016	209	720					13,251			194	504	13,949		

	HOV		
	5 Hour Period (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	13,949	9,460	3,080
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	13,251	8,874	2,886
Autos and Motorcycles	9,440	5,498	1,453
Average Auto Occupancy (Includes Motorcycles)	1.40	1.61	1.99

I-270 (Maximum Load Point)
 I-270 South between Montrose Road and "Split"
 Coventional Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total		Buses		Passengers +MC Riders		Trucks	Total Vehicles
									Auto Persons +MC Riders	Other	Transit	Other	Trans	Other		
5:00 - 5:30	1,592	4	0	0	1.00	0.00	42	1,638	1,642	0	1	0	21	1,663	180	1,819
5:30 - 6:00	3,196	88	12	7	1.06	6.37	19	3,322	3,512	0	1	0	21	3,533	230	3,553
6:00 - 6:30	3,220	221	16	9	1.10	6.36	0	3,466	3,821	0	1	0	21	3,842	224	3,691
6:30 - 7:00	4,462	164	2	3	1.04	8.40	0	4,631	4,832	0	1	0	21	4,853	248	4,880
7:00 - 7:30	4,322	94	5	7	1.04	8.33	4	4,432	4,614	0	1	0	21	4,635	235	4,668
7:30 - 8:00	4,218	523	113	10	1.18	3.85	2	4,866	5,739	0	2	0	42	5,781	223	5,091
8:00 - 8:30	4,984	255	42	10	1.09	5.12	2	5,293	5,762	0	2	0	42	5,804	261	5,556
8:30 - 9:00	4,294	159	37	8	1.07	4.69	0	4,498	4,823	0	2	0	42	4,865	264	4,764
9:00 - 9:30	3,692	117	12	5	1.05	6.41	3	3,829	4,038	0	2	0	42	4,080	256	4,087
9:30 - 10:00	3,141	76	5	3	1.04	6.63	2	3,227	3,348	0	2	0	42	3,390	262	3,491
Vehicles	37,121	1,701	244	62				39,202		0	15				2,383	41,600
Persons	37,121	3,402	790	744					42,131			0	315	42,446		

	HOV		
	5 Hour Period	Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	42,446	29,780	11,585
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	42,131	29,591	11,501
Autos and Motorcycles	39,202	27,186	10,159
Average Auto Occupancy (Includes Motorcycles)	1.07	1.09	1.13

I-270 A
 I-270 South between "Split" and MD 187
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders	Trucks	Total Vehicles	Rail	
										Transit	Other	Trans	Other	+ Bus Pass			Metro	Comm.
5:00 - 5:30	325	13	0	0	1.04	0.00	0	338	351	0	0	0	0	351	12	350	0	0
5:30 - 6:00	1,443	110	13	5	1.12	5.56	19	1,590	1,782	1	2	7	42	1,831	57	1,650	0	0
6:00 - 6:30	1,493	245	17	9	1.22	6.23	3	1,767	2,148	2	4	36	84	2,268	45	1,818	0	0
6:30 - 7:00	2,364	149	4	6	1.09	8.40	6	2,529	2,752	2	4	30	84	2,866	90	2,625	0	0
7:00 - 7:30	2,365	119	4	9	1.09	9.38	4	2,501	2,729	2	1	34	21	2,784	82	2,586	0	0
7:30 - 8:00	1,656	774	121	12	1.45	3.91	3	2,566	3,727	2	3	33	63	3,823	71	2,642	0	0
8:00 - 8:30	2,210	643	56	14	1.32	5.16	4	2,927	3,861	1	4	14	84	3,959	94	3,026	0	0
8:30 - 9:00	1,941	479	49	16	1.31	5.34	1	2,486	3,247	1	3	40	63	3,350	81	2,571	0	0
9:00 - 9:30	2,143	162	7	5	1.10	7.25	1	2,318	2,555	0	3	0	63	2,618	93	2,414	0	0
9:30 - 10:00	2,221	62	4	0	1.03	3.50	2	2,289	2,361	0	0	0	0	2,361	73	2,362	0	0
Vehicles	18,161	2,756	275	76				21,311		11	24				698	22,044		
Persons	18,161	5,512	885	912					25,513			194	504	26,211			0	0

	HOV		
	Period	Peak Hour	
5 Hour	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	26,211	19,050	7,782
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	25,513	18,464	7,588
Autos and Motorcycles	21,311	14,776	5,493
Average Auto Occupancy (Includes Motorcycles)	1.20	1.25	1.38

I-270 A
 I-270 South between "Split" and MD 187
 HOV Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders		Trucks	Total		Rail	
										Transit	Other	Trans	Other	+ Bus Pass	Vehicles		Metro	Comm.		
5:00 - 5:30	170	10	0	0	1.06	0.00	0	180	190	0	0	0	0	190	0	180	0	0	0	0
5:30 - 6:00	565	29	2	3	1.11	8.40	1	600	666	1	2	7	42	715	2	605	0	0	0	
6:00 - 6:30	598	76	1	3	1.16	9.75	3	681	792	2	4	36	84	912	1	688	0	0	0	
6:30 - 7:00	617	99	2	6	1.23	9.75	6	730	899	2	4	30	84	1,013	2	738	0	0	0	
7:00 - 7:30	672	89	1	3	1.16	10.25	1	766	892	2	1	34	21	947	1	770	0	0	0	
7:30 - 8:00	103	326	11	3	1.86	5.00	2	445	827	2	3	33	63	923	3	453	0	0	0	
8:00 - 8:30	65	410	17	4	1.99	4.95	2	498	991	1	4	14	84	1,089	3	506	0	0	0	
8:30 - 9:00	42	362	15	8	2.13	6.30	1	428	912	1	3	40	63	1,015	4	436	0	0	0	
9:00 - 9:30	601	85	1	1	1.14	7.50	0	688	786	0	3	0	63	849	1	692	0	0	0	
9:30 - 10:00	994	22	0	0	1.02	0.00	0	1,016	1,038	0	0	0	0	1,038	1	1,017	0	0	0	
Vehicles	4,427	1,508	50	31				6,032		11	24				18	6,085				
Persons	4,427	3,016	162	372					7,993			194	504	8,691			0		0	

	HOV		
	5 Hour Period (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	8,691	5,899	2,012
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	7,993	5,313	1,818
Autos and Motorcycles	6,032	3,548	943
Average Auto Occupancy (Includes Motorcycles)	1.33	1.50	1.93

I-270 A
 I-270 South between "Split" and MD 187
 Conventional Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders	Trucks	Total		Rail	
										Transit	Other	Trans	Other	+ Bus Pass		Vehicles	Metro	Comm.	
5:00 - 5:30	155	3	0	0	1.02	0.00	0	158	161	0	0	0	0	161	12	170	0	0	
5:30 - 6:00	878	81	11	2	1.13	4.46	18	990	1,116	0	0	0	0	1,116	55	1,045	0	0	
6:00 - 6:30	895	169	16	6	1.25	5.59	0	1,086	1,356	0	0	0	0	1,356	44	1,130	0	0	
6:30 - 7:00	1,747	50	2	0	1.03	3.00	0	1,799	1,853	0	0	0	0	1,853	88	1,887	0	0	
7:00 - 7:30	1,693	30	3	6	1.06	9.00	3	1,735	1,837	0	0	0	0	1,837	81	1,816	0	0	
7:30 - 8:00	1,553	448	110	9	1.37	3.78	1	2,121	2,900	0	0	0	0	2,900	68	2,189	0	0	
8:00 - 8:30	2,145	233	39	10	1.18	5.24	2	2,429	2,870	0	0	0	0	2,870	91	2,520	0	0	
8:30 - 9:00	1,899	117	34	8	1.13	4.81	0	2,058	2,335	0	0	0	0	2,335	77	2,135	0	0	
9:00 - 9:30	1,542	77	6	4	1.09	7.20	1	1,630	1,769	0	0	0	0	1,769	92	1,722	0	0	
9:30 - 10:00	1,227	40	4	0	1.04	3.50	2	1,273	1,323	0	0	0	0	1,323	72	1,345	0	0	
Vehicles	13,734	1,248	225	45				15,279		0	0				680	15,959			
Persons	13,734	2,496	723	540					17,520			0	0	17,520			0	0	

	HOV		
	5 Hour Period (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	17,520	13,151	5,770
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	17,520	13,151	5,770
Autos and Motorcycles	15,279	11,228	4,550
Average Auto Occupancy (Includes Motorcycles)	1.15	1.17	1.27

I-270 B
 I-270 South between MD 189 and Montrose Road
 Facility Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders	Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass		
5:00 - 5:30	1,329	153	5	2	1.12	5.71	8	1,497	1,683	0	2	0	42	1,725	78	1,577
5:30 - 6:00	3,896	311	25	26	1.15	7.78	17	4,275	4,932	0	2	0	42	4,974	105	4,382
6:00 - 6:30	3,966	403	12	26	1.16	9.29	16	4,423	5,141	3	2	30	42	5,213	115	4,543
6:30 - 7:00	4,041	814	18	20	1.22	7.97	24	4,917	5,996	3	3	44	63	6,103	155	5,078
7:00 - 7:30	3,849	348	18	14	1.13	7.09	15	4,244	4,787	3	3	36	63	4,886	155	4,405
7:30 - 8:00	4,655	693	65	4	1.16	3.58	48	5,465	6,336	4	2	30	42	6,408	95	5,566
8:00 - 8:30	4,458	655	52	6	1.16	4.02	15	5,186	6,016	4	2	48	42	6,106	147	5,339
8:30 - 9:00	3,875	364	18	14	1.13	6.97	8	4,279	4,834	4	0	23	0	4,857	140	4,423
9:00 - 9:30	4,094	138	18	9	1.07	6.15	7	4,266	4,543	0	0	0	0	4,543	179	4,445
9:30 - 10:00	3,587	93	6	16	1.08	9.59	4	3,706	3,988	0	0	0	0	3,988	151	3,857
Vehicles	37,750	3,972	237	137				42,258		21	16				1,320	43,615
Persons	37,750	7,944	756	1,644					48,256			211	336	48,803		

	HOV		
	5 Hour Period	Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	48,803	33,573	12,514
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	48,256	33,110	12,352
Autos and Motorcycles	42,258	28,514	10,651
Average Auto Occupancy (Includes Motorcycles)	1.14	1.16	1.16

I-270 B
 I-270 South between MD 189 and Montrose Road
 HOV Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders + Bus Pass	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	198	148	5	1	1.48	4.67	2	354	524	0	0	0	0	524	2	356
5:30 - 6:00	757	184	20	21	1.47	7.83	8	990	1,454	0	0	0	0	1,454	3	993
6:00 - 6:30	191	313	11	17	1.99	8.64	9	541	1,068	3	0	30	0	1,098	0	544
6:30 - 7:00	22	734	8	8	2.09	7.69	15	787	1,628	3	1	44	21	1,693	0	791
7:00 - 7:30	43	260	3	2	1.94	6.60	7	315	603	3	1	36	21	660	1	320
7:30 - 8:00	163	530	57	2	1.89	3.34	41	793	1,461	4	1	30	21	1,512	2	800
8:00 - 8:30	136	506	41	4	1.92	3.87	13	700	1,335	4	2	48	42	1,425	13	719
8:30 - 9:00	255	299	10	0	1.57	3.10	5	569	889	4	0	23	0	912	3	576
9:00 - 9:30	711	80	1	1	1.12	7.50	4	797	890	0	0	0	0	890	2	799
9:30 - 10:00	558	45	1	0	1.08	3.00	1	605	652	0	0	0	0	652	0	605
Vehicles	3,034	3,099	157	56				6,451		21	5				26	6,503
Persons	3,034	6,198	495	672					10,504			211	105	10,820		

	HOV		
	5 Hour Period	Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	10,820	7,300	2,937
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	10,504	6,984	2,796
Autos and Motorcycles	6,451	3,705	1,493
Average Auto Occupancy (Includes Motorcycles)	1.63	1.89	1.87

I-270 B
 I-270 South between MD 189 and Montrose Road
 Coventional Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Total	
										Transit	Other	Trans	Other	+ Bus Pass	Trucks	Vehicles	
5:00 - 5:30	1,131	5	0	1	1.01	12.00	6	1,143	1,159	0	2	0	42	1,201	76	1,221	
5:30 - 6:00	3,139	127	5	5	1.06	7.60	9	3,285	3,478	0	2	0	42	3,520	102	3,389	
6:00 - 6:30	3,775	90	1	9	1.05	11.10	7	3,882	4,073	0	2	0	42	4,115	115	3,999	
6:30 - 7:00	4,019	80	10	12	1.06	8.18	9	4,130	4,368	0	2	0	42	4,410	155	4,287	
7:00 - 7:30	3,806	88	15	12	1.07	7.19	8	3,929	4,184	0	2	0	42	4,226	154	4,085	
7:30 - 8:00	4,492	163	8	2	1.04	5.00	7	4,672	4,875	0	1	0	21	4,896	93	4,766	
8:00 - 8:30	4,322	149	11	2	1.04	4.54	2	4,486	4,681	0	0	0	0	4,681	134	4,620	
8:30 - 9:00	3,620	65	8	14	1.06	8.73	3	3,710	3,945	0	0	0	0	3,945	137	3,847	
9:00 - 9:30	3,383	58	17	8	1.05	6.04	3	3,469	3,653	0	0	0	0	3,653	177	3,646	
9:30 - 10:00	3,029	48	5	16	1.08	9.90	3	3,101	3,336	0	0	0	0	3,336	151	3,252	
Vehicles	34,716	873	80	81				35,807		0	11				1,294	37,112	
Persons	34,716	1,746	261	972					37,752			0	231	37,983			

	HOV		
	5 Hour Period	Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	37,983	26,273	9,577
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	37,752	26,126	9,556
Autos and Motorcycles	35,807	24,809	9,158
Average Auto Occupancy (Includes Motorcycles)	1.05	1.05	1.04

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	1,661	56	2	2	1.05	7.75	12	1,733	1,816	0	3	0	63	1,879	63	1,799	
5:30 - 6:00	3,822	318	11	22	1.14	9.12	15	4,188	4,774	1	4	6	84	4,864	111	4,304	
6:00 - 6:30	3,868	546	17	20	1.18	8.11	16	4,467	5,276	2	4	22	84	5,382	149	4,622	
6:30 - 7:00	2,073	317	15	12	1.20	7.15	5	2,422	2,905	2	8	37	168	3,110	68	2,500	
7:00 - 7:30	1,851	247	26	7	1.19	5.55	5	2,136	2,533	2	7	53	147	2,733	82	2,227	
7:30 - 8:00	3,640	514	24	3	1.14	4.30	7	4,188	4,791	2	6	44	126	4,961	131	4,327	
8:00 - 8:30	4,291	700	26	1	1.15	3.59	6	5,024	5,794	4	6	84	126	6,004	146	5,180	
8:30 - 9:00	4,183	634	31	8	1.16	5.23	13	4,869	5,668	3	6	51	126	5,845	157	5,035	
9:00 - 9:30	3,765	340	43	9	1.13	4.88	9	4,166	4,708	1	6	6	126	4,840	174	4,347	
9:30 - 10:00	3,465	323	28	8	1.12	5.28	5	3,829	4,306	0	3	0	63	4,369	157	3,989	
Vehicles	32,619	3,995	223	92				37,022		17	53				1,238	38,330	
Persons	32,619	7,990	765	1,104					42,571			303	1,113	43,987			

	HOV		
	5 Hour Period	Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	43,987	28,035	10,965
Rail Passengers	10,491	8,857	3,893
Auto and Motorcycle Passengers	42,571	26,967	10,585
Autos and Motorcycles	37,022	23,106	9,212
Average Auto Occupancy (Includes Motorcycles)	1.15	1.17	1.15

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons		Buses		Bus Passengers		Total Auto Passengers +MC Riders		Trucks	Total Vehicles
									+MC Riders	Transit	Other	Trans	Other	+ Bus Pass				
5:00 - 5:30	450	20	0	2	1.09	12.00	2	474	516	0	0	0	0	516	1	475		
5:30 - 6:00	763	106	1	13	1.28	11.36	5	888	1,139	1	0	6	0	1,145	4	893		
6:00 - 6:30	458	179	6	9	1.45	8.60	12	664	957	2	0	22	0	979	5	671		
6:30 - 7:00	197	122	6	1	1.44	4.29	4	330	475	2	0	37	0	512	1	333		
7:00 - 7:30	120	71	6	0	1.43	3.17	3	200	284	2	0	53	0	337	2	204		
7:30 - 8:00	371	303	4	3	1.51	6.86	6	687	1,031	2	0	44	0	1,075	4	693		
8:00 - 8:30	386	380	2	0	1.50	3.00	5	773	1,157	4	0	84	0	1,241	3	780		
8:30 - 9:00	490	252	2	2	1.37	7.75	7	753	1,032	3	0	51	0	1,083	4	760		
9:00 - 9:30	507	74	0	1	1.15	12.00	3	585	670	1	0	6	0	676	1	587		
9:30 - 10:00	516	52	1	0	1.09	3.00	1	570	624	0	0	0	0	624	0	570		
Vehicles	4,258	1,559	28	31				5,924		17	0				25	5,966		
Persons	4,258	3,118	89	372					7,885			303	0	8,188				

	HOV		
	5 Hour Period	Peak Hour (6:00 AM - 9:00 AM)	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	8,188	5,227	2,316
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	7,885	4,936	2,188
Autos and Motorcycles	5,924	3,407	1,460
Average Auto Occupancy (Includes Motorcycles)	1.33	1.45	1.50

I-270 C
 I-270 South between I-370 and Shady Grove Road
 Conventional Lanes Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	1,211	36	2	0	1.03	3.50	10	1,259	1,300	0	3	0	63	1,363	62	1,324	
5:30 - 6:00	3,059	212	10	9	1.10	7.47	10	3,300	3,635	0	4	0	84	3,719	107	3,411	
6:00 - 6:30	3,410	367	11	11	1.14	7.77	4	3,803	4,319	0	4	0	84	4,403	144	3,951	
6:30 - 7:00	1,876	195	9	11	1.16	8.15	1	2,092	2,430	0	8	0	168	2,598	67	2,167	
7:00 - 7:30	1,731	176	20	7	1.16	6.07	2	1,936	2,249	0	7	0	147	2,396	80	2,023	
7:30 - 8:00	3,269	211	20	0	1.07	3.40	1	3,501	3,760	0	6	0	126	3,886	127	3,634	
8:00 - 8:30	3,905	320	24	1	1.09	3.64	1	4,251	4,637	0	6	0	126	4,763	143	4,400	
8:30 - 9:00	3,693	382	29	6	1.13	4.94	6	4,116	4,636	0	6	0	126	4,762	153	4,275	
9:00 - 9:30	3,258	266	43	8	1.13	4.75	6	3,581	4,038	0	6	0	126	4,164	173	3,760	
9:30 - 10:00	2,949	271	27	8	1.13	5.34	4	3,259	3,682	0	3	0	63	3,745	157	3,419	
Vehicles	28,361	2,436	195	61				31,098		0	53				1,213	32,364	
Persons	28,361	4,872	676	732					34,686			0	1,113	35,799			

	HOV		
	5 Hour Period	Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	35,799	22,808	8,649
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	34,686	22,031	8,397
Autos and Motorcycles	31,098	19,699	7,752
Average Auto Occupancy (Includes Motorcycles)	1.12	1.12	1.08

I-270 D
 I-270 South between MD 118 and Middlebrook Road
 Facility Total
 No HOV restrictions at this location
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	2,262	5	2	3	1.02	9.60	18	2,290	2,338	0	1	0	21	2,359	106	2,397	
5:30 - 6:00	3,135	141	5	13	1.09	9.67	17	3,311	3,608	0	1	0	21	3,629	108	3,420	
6:00 - 6:30	3,365	301	22	6	1.11	5.04	9	3,703	4,117	2	4	62	84	4,263	96	3,805	
6:30 - 7:00	3,157	465	52	5	1.17	3.98	11	3,690	4,325	2	4	62	84	4,471	118	3,814	
7:00 - 7:30	2,504	318	21	6	1.15	5.07	6	2,855	3,283	2	4	62	84	3,429	71	2,932	
7:30 - 8:00	1,972	166	10	4	1.11	5.71	0	2,152	2,384	2	5	62	105	2,551	42	2,201	
8:00 - 8:30	2,704	339	18	2	1.13	4.30	3	3,066	3,471	2	5	62	105	3,638	80	3,153	
8:30 - 9:00	3,114	448	23	7	1.16	5.43	4	3,596	4,177	1	7	13	147	4,337	147	3,751	
9:00 - 9:30	2,960	359	70	12	1.19	4.46	2	3,403	4,046	0	6	0	126	4,172	126	3,535	
9:30 - 10:00	2,546	271	20	4	1.13	4.79	3	2,844	3,206	0	9	0	189	3,395	110	2,963	
Vehicles	27,719	2,813	243	62				30,910		11	46				1,004	31,971	
Persons	27,719	5,626	793	744					34,955			323	966	36,244			

	5 Hour	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	36,244	7,900
Rail Passengers	0	0
Auto and Motorcycle Passengers	34,955	7,608
Autos and Motorcycles	30,910	6,545
Average Auto Occupancy (Includes Motorcycles)	1.13	1.16

I-270 E
 I-270 South between MD 109 and MD 121
 Facility Total
 No HOV restrictions at this location
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total		Buses		Passengers +MC		Trucks	Total Vehicles
									Auto Persons +MC Riders	Transit	Other	Bus Passengers Trans	Other	Riders + Bus Pass		
5:00 - 5:30	453	21	0	7	1.20	12.00	4	485	583	0	0	0	0	583	28	513
5:30 - 6:00	1,780	133	3	14	1.15	10.47	20	1,950	2,244	0	1	0	18	2,262	89	2,040
6:00 - 6:30	1,484	195	8	12	1.20	8.45	18	1,717	2,061	0	1	0	18	2,079	103	1,821
6:30 - 7:00	1,725	154	7	6	1.13	7.38	7	1,899	2,136	0	1	0	18	2,154	74	1,974
7:00 - 7:30	1,320	57	6	4	1.08	6.80	8	1,395	1,510	0	1	0	18	1,528	68	1,464
7:30 - 8:00	1,624	119	3	2	1.08	6.60	12	1,760	1,907	0	1	0	18	1,925	125	1,886
8:00 - 8:30	1,367	192	9	3	1.15	5.25	6	1,577	1,820	0	3	0	54	1,874	118	1,698
8:30 - 9:00	1,355	191	8	7	1.18	7.33	4	1,565	1,851	0	3	0	54	1,905	108	1,676
9:00 - 9:30	1,218	164	21	2	1.16	3.91	8	1,413	1,644	0	3	0	54	1,698	104	1,520
9:30 - 10:00	1,286	119	32	5	1.18	4.95	14	1,456	1,721	0	3	0	54	1,775	112	1,571
Vehicles	13,612	1,345	97	62				15,217		0	17				929	16,163
Persons	13,612	2,690	330	744					17,477			0	306	17,783		

	5 Hour	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	17,783	3,682
Rail Passengers	0	0
Auto and Motorcycle Passengers	17,477	3,646
Autos and Motorcycles	15,217	3,294
Average Auto Occupancy (Includes Motorcycles)	1.15	1.11

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders	Trucks	Total		Rail	
										Transit	Other	Trans	Other	+ Bus Pass		Vehicles	Metro	Comm.	
5:00 - 5:30	1,616	5	1	1	1.01	6.00	42	1,665	1,680	0	1	0	21	1,701	169	1,835	0	0	
5:30 - 6:00	2,786	61	1	18	1.09	11.53	3	2,869	3,130	0	1	0	21	3,151	180	3,050	0	0	
6:00 - 6:30	2,567	191	0	10	1.11	12.00	2	2,770	3,071	0	1	0	21	3,092	180	2,951	0	0	
6:30 - 7:00	2,910	361	0	3	1.12	12.00	7	3,281	3,675	0	1	0	21	3,696	160	3,442	0	0	
7:00 - 7:30	2,666	397	2	2	1.14	7.75	7	3,074	3,498	0	1	0	21	3,519	155	3,230	0	0	
7:30 - 8:00	2,670	270	7	3	1.11	5.90	5	2,955	3,274	0	2	0	42	3,316	158	3,115	0	0	
8:00 - 8:30	2,841	305	11	3	1.11	5.00	4	3,164	3,525	0	2	0	42	3,567	172	3,338	0	0	
8:30 - 9:00	2,396	259	6	2	1.11	5.38	1	2,664	2,958	0	2	0	42	3,000	190	2,856	0	0	
9:00 - 9:30	2,512	64	6	1	1.04	5.29	3	2,586	2,680	0	2	0	42	2,722	164	2,752	0	0	
9:30 - 10:00	2,259	40	1	3	1.03	9.75	0	2,303	2,378	0	2	0	42	2,420	190	2,495	0	0	
Vehicles	25,223	1,953	35	46				27,331		0	15				1,718	29,064			
Persons	25,223	3,906	114	552					29,869			0	315	30,184			0	0	

	HOV		
	5 Hour Period (6:00 AM - 9:00 AM)	Peak Hour (6:00 AM - 7:00 AM)	
Highway Passengers	30,184	20,190	6,788
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,869	20,001	6,746
Autos and Motorcycles	27,331	17,908	6,051
Average Auto Occupancy (Includes Motorcycles)	1.09	1.12	1.11

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, 2007

Time	HOV			Vans	Avg		Motorcycles	Total Auto + MC	Total		Buses		Bus Passengers		Total Auto Passengers +MC Riders		Total		Rail	
	1 Vehicle	2 Vehicles	3+ Vehicles		Auto Occ.	3+ Avg Auto Occ. (MC)			Transit	Other	Trans	Other	+ Bus Pass	Trucks	Vehicles	Metro	Comm.			
5:00 - 5:30	179	4	1	1	1.08	6.00	0	185	199	0	0	0	0	199	1	186	0	0		
5:30 - 6:00	468	54	0	13	1.37	12.00	2	537	734	0	0	0	0	734	5	542	0	0	933	
6:00 - 6:30	242	139	0	7	1.56	12.00	2	390	606	0	0	0	0	606	0	390	0	0	1,340	
6:30 - 7:00	195	247	0	0	1.56	0.00	7	449	696	0	0	0	0	696	0	449	0	0	1,302	
7:00 - 7:30	37	333	0	1	1.93	12.00	6	377	721	0	0	0	0	721	1	378	0	0	1,417	
7:30 - 8:00	5	195	4	2	2.09	6.00	4	210	435	0	0	0	0	435	3	213	0	0	1,156	
8:00 - 8:30	2	283	8	3	2.13	5.55	4	300	633	0	0	0	0	633	2	302	0	0	1,068	
8:30 - 9:00	1	217	3	2	2.10	6.80	1	224	470	0	0	0	0	470	3	227	0	0	1,103	
9:00 - 9:30	362	24	0	0	1.06	0.00	1	387	411	0	0	0	0	411	0	387	0	0	881	
9:30 - 10:00	345	4	0	0	1.01	0.00	0	349	353	0	0	0	0	353	0	349	0	0	764	
Vehicles	1,836	1,500	16	29				3,408		0	0				15	3,423				
Persons	1,836	3,000	47	348					5,258			0	0	5,258			0	0		

	HOV		
	Period	Peak Hour	
	5 Hour (6:00 AM - 9:00 AM)	(6:00 AM - 7:00 AM)	(6:00 AM - 7:00 AM)
Highway Passengers	5,258	3,561	1,302
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	5,258	3,561	1,302
Autos and Motorcycles	3,408	1,950	839
Average Auto Occupancy (Includes Motorcycles)	1.54	1.83	1.55

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, 2007

Time	HOV			Vans	Avg		Motorcycles	Total Auto		Total		Buses		Bus Passengers		Total Auto Passengers +MC		Total		Rail	
	1 Vehicle	2 Vehicles	3+ Vehicles		Auto Occ.	3+ Avg Auto Occ. (MC)		+ MC	+MC Riders	Transit	Other	Trans	Other	+ Bus Pass	Trucks	Vehicles	Metro	Comm.			
5:00 - 5:30	179	4	1	1	1.08	6.00	0	185	199	0	0	0	0	199	1	186	0	0			
5:30 - 6:00	468	54	0	13	1.37	12.00	2	537	734	0	0	0	0	734	5	542	0	0	933		
6:00 - 6:30	242	139	0	7	1.56	12.00	2	390	606	0	0	0	0	606	0	390	0	0	1,340		
6:30 - 7:00	195	247	0	0	1.56	0.00	7	449	696	0	0	0	0	696	0	449	0	0	1,302		
7:00 - 7:30	37	333	0	1	1.93	12.00	6	377	721	0	0	0	0	721	1	378	0	0	1,417		
7:30 - 8:00	5	195	4	2	2.09	6.00	4	210	435	0	0	0	0	435	3	213	0	0	1,156		
8:00 - 8:30	2	283	8	3	2.13	5.55	4	300	633	0	0	0	0	633	2	302	0	0	1,068		
8:30 - 9:00	1	217	3	2	2.10	6.80	1	224	470	0	0	0	0	470	3	227	0	0	1,103		
9:00 - 9:30	362	24	0	0	1.06	0.00	1	387	411	0	0	0	0	411	0	387	0	0	881		
9:30 - 10:00	345	4	0	0	1.01	0.00	0	349	353	0	0	0	0	353	0	349	0	0	764		
Vehicles	1,836	1,500	16	29				3,408		0	0				15	3,423					
Persons	1,836	3,000	47	348					5,258			0	0	5,258			0	0			

	HOV		
	5 Hour	Period (6:00 AM - 9:00 AM)	Peak Hour (6:00 AM - 7:00 AM)
Highway Passengers	5,258	3,561	1,302
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	5,258	3,561	1,302
Autos and Motorcycles	3,408	1,950	839
Average Auto Occupancy (Includes Motorcycles)	1.54	1.83	1.55

I-270 F
 I-270 Spur South between the "Split" and Democracy Blvd
 Conventional Total
 HOV Restriction Period: 6:00 AM - 9:00 AM
 Spring, 2007

Time	Vehicles			Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles	Rail	
	1 Vehicle	2 Vehicles	3+ Vehicles							Transit	Other	Trans	Other	+ Bus Pass	Metro			Comm.	
5:00 - 5:30	1,437	1	0	0	1.00	#DIV/0!	42	1,480	1,481	0	1	0	21	1,502	168	1,649	0	0	
5:30 - 6:00	2,318	7	1	5	1.03	10.50	1	2,332	2,396	0	1	0	21	2,417	175	2,508	0	0	
6:00 - 6:30	2,325	52	0	3	1.04	12.00	0	2,380	2,465	0	1	0	21	2,486	180	2,561	0	0	
6:30 - 7:00	2,715	114	0	3	1.05	12.00	0	2,832	2,979	0	1	0	21	3,000	160	2,993	0	0	
7:00 - 7:30	2,629	64	2	1	1.03	6.33	1	2,697	2,777	0	1	0	21	2,798	154	2,852	0	0	
7:30 - 8:00	2,665	75	3	1	1.03	5.75	1	2,745	2,839	0	2	0	42	2,881	155	2,902	0	0	
8:00 - 8:30	2,839	22	3	0	1.01	3.00	0	2,864	2,892	0	2	0	42	2,934	170	3,036	0	0	
8:30 - 9:00	2,395	42	3	0	1.02	3.00	0	2,440	2,488	0	2	0	42	2,530	187	2,629	0	0	
9:00 - 9:30	2,150	40	6	1	1.03	5.29	2	2,199	2,269	0	2	0	42	2,311	164	2,365	0	0	
9:30 - 10:00	1,914	36	1	3	1.04	9.75	0	1,954	2,025	0	2	0	42	2,067	190	2,146	0	0	
Vehicles	23,387	453	19	17				23,923		0	15				1,703	25,641			
Persons	23,387	906	67	204					24,611			0	315	24,926			0	0	

	HOV		
	Period	Peak Hour	
	5 Hour (6:00 AM - 9:00 AM)	(6:00 AM - 7:00 AM)	(6:00 AM - 7:00 AM)
Highway Passengers	24,926	16,629	5,486
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	24,611	16,440	5,444
Autos and Motorcycles	23,923	15,958	5,212
Average Auto Occupancy (Includes Motorcycles)	1.03	1.03	1.04

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	258	36	7	0	1.18	3.71	19	320	375	5	3	164	90	629	6	334	
5:30 - 6:00	1,163	154	21	5	1.20	5.27	7	1,350	1,615	9	5	258	150	2,023	51	1,415	
6:00 - 6:30	1,879	215	48	11	1.22	5.39	3	2,156	2,630	12	10	377	300	3,307	74	2,252	
6:30 - 7:00	2,853	389	71	15	1.21	4.79	14	3,342	4,057	15	21	517	630	5,204	78	3,456	
7:00 - 7:30	3,136	508	68	10	1.21	4.54	21	3,743	4,527	14	16	436	480	5,443	76	3,849	
7:30 - 8:00	3,012	451	60	8	1.19	4.38	19	3,550	4,231	14	14	496	420	5,147	99	3,677	
8:00 - 8:30	2,163	421	43	2	1.21	3.69	17	2,646	3,188	12	19	377	570	4,135	98	2,775	
8:30 - 9:00	2,088	289	27	6	1.17	4.88	8	2,418	2,835	12	11	426	330	3,591	84	2,525	
9:00 - 9:30	2,484	252	49	8	1.17	4.70	7	2,800	3,263	7	4	177	120	3,560	73	2,884	
9:30 - 10:00	1,587	245	37	15	1.27	5.98	4	1,888	2,392	4	6	78	180	2,650	79	1,977	
Vehicles	20,623	2,960	431	80				24,213		104	109	3,306	3,270	35,689	718	25,144	
Persons	20,623	5,920	1,491	960					29,113								

	5 Hour	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	35,689	10,590
Rail Passengers	0	0
Auto and Motorcycle Passengers	29,113	8,758
Autos and Motorcycles	24,213	7,293
Average Auto Occupancy (Includes Motorcycles)	1.20	1.20

Va 267 B
 Va 267 East west of Va. 7
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Total Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Auto Occ.		Transit	Other		Trans	Other					
5:00 - 5:30	439	3	0	3	1.08	12.00	2	447	483	5	4	165	90	738	10	466	
5:30 - 6:00	1,154	121	12	14	1.23	7.85	2	1,303	1,602	9	5	258	150	2,010	41	1,358	
6:00 - 6:30	1,857	231	32	14	1.21	5.89	4	2,138	2,594	12	10	378	300	3,272	51	2,211	
6:30 - 7:00	2,171	239	77	6	1.19	3.78	15	2,508	2,978	15	23	518	630	4,126	54	2,600	
7:00 - 7:30	2,446	518	60	1	1.22	3.38	7	3,032	3,695	14	18	437	480	4,612	86	3,150	
7:30 - 8:00	2,818	427	81	1	1.19	3.41	24	3,351	3,976	14	16	496	420	4,892	83	3,464	
8:00 - 8:30	3,168	456	39	1	1.15	3.28	8	3,672	4,219	12	22	378	570	5,167	88	3,794	
8:30 - 9:00	3,447	356	49	0	1.12	3.24	14	3,866	4,332	12	12	427	330	5,089	78	3,968	
9:00 - 9:30	2,391	252	33	10	1.16	5.23	2	2,688	3,122	7	5	178	120	3,420	93	2,793	
9:30 - 10:00	2,066	199	82	15	1.23	4.57	8	2,370	2,915	4	8	79	180	3,174	79	2,461	
Vehicles	21,957	2,802	465	65			86	25,375		104	123				663	26,265	
Persons	21,957	5,604	1,489	780					29,916			3,312	3,270	36,498			

	HOV Restricted		
	5 Hour Period (6:30 AM - 9:00 AM)	Peak Hour (8:00 AM - 9:00 AM)	
Highway Passengers	36,498	23,885	8,737
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,916	19,200	6,673
Autos and Motorcycles	25,375	16,429	5,540
Average Auto Occupancy (Includes Motorcycles)	1.18	1.17	1.20

Va 267 B
 Va 267 East west of Va. 7
 HOV Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2007

Time	1			Van-pools	3+Autos+		Motor-cycles (MC)	Total Autos		Total Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
	Autos	Autos	Autos		Avg. Auto Occ.	Auto Occ.		Van-pools + MC	Transit		Other	Trans	Other	+ Bus Pass.				
5:00 - 5:30	108	1	0	2	1.21	12.00	0	111	134	134	5	3	165	90	389	1	120	
5:30 - 6:00	264	115	12	11	1.65	7.30	1	403	663	663	9	5	258	150	1,071	4	421	
6:00 - 6:30	517	218	31	14	1.57	5.96	2	782	1,223	1,223	12	10	378	300	1,901	4	808	
6:30 - 7:00	186	216	74	6	1.91	3.81	11	493	934	934	15	21	518	630	2,082	13	542	
7:00 - 7:30	195	457	60	1	1.84	3.38	7	720	1,322	1,322	14	16	437	480	2,239	31	781	
7:30 - 8:00	188	380	80	0	1.87	3.31	6	654	1,219	1,219	14	14	496	420	2,135	54	736	
8:00 - 8:30	277	403	37	1	1.68	3.29	7	725	1,215	1,215	12	19	378	570	2,163	42	798	
8:30 - 9:00	374	318	45	0	1.57	3.22	13	750	1,168	1,168	12	11	427	330	1,925	22	795	
9:00 - 9:30	533	158	27	8	1.42	5.20	1	727	1,032	1,032	7	4	178	120	1,330	16	754	
9:30 - 10:00	354	151	76	13	1.77	4.44	2	596	1,053	1,053	4	6	79	180	1,312	4	610	
Vehicles	2,996	2,417	442	56			50	5,961			104	109				191	6,365	
Persons	2,996	4,834	1,411	672					9,963				3,312	3,270	16,545			

	HOV Restricted		
	5 Hour Period (6:30 AM - 9:00 AM)	Peak Hour (8:00 AM - 9:00 AM)	Peak Hour (8:00 AM - 9:00 AM)
Highway Passengers	16,545	10,543	4,320
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,963	5,858	2,256
Autos and Motorcycles	5,961	3,342	1,213
Average Auto Occupancy (Includes Motorcycles)	1.67	1.75	1.86

Va 267 B
 Va 267 East west of Va. 7
 Conventional Lanes Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2007

Time	1		2	3+	Van-pools	3+Autos+ Avg. Van-pools		Motor-cycles (MC)	Total Autos + MC		Total Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
	Autos	Autos	Autos	Auto Occ.		Auto Occ.	Van-pools		Transit	Other		Trans	Other	+ Bus Pass.					
5:00 - 5:30	331	2	0	1	1.04	12.00	2	336	349	0	1	0	0	349	9	346			
5:30 - 6:00	890	6	0	3	1.04	12.00	1	900	939	0	0	0	0	939	37	937			
6:00 - 6:30	1,340	13	1	0	1.01	3.00	2	1,356	1,371	0	0	0	0	1,371	47	1,403			
6:30 - 7:00	1,985	23	3	0	1.01	3.00	4	2,015	2,044	0	2	0	0	2,044	41	2,058			
7:00 - 7:30	2,251	61	0	0	1.03	0.00	0	2,312	2,373	0	2	0	0	2,373	55	2,369			
7:30 - 8:00	2,630	47	1	1	1.02	7.50	18	2,697	2,757	0	2	0	0	2,757	29	2,728			
8:00 - 8:30	2,891	53	2	0	1.02	3.00	1	2,947	3,004	0	3	0	0	3,004	46	2,996			
8:30 - 9:00	3,073	38	4	0	1.02	3.50	1	3,116	3,164	0	1	0	0	3,164	56	3,173			
9:00 - 9:30	1,858	94	6	2	1.07	5.38	1	1,961	2,090	0	1	0	0	2,090	77	2,039			
9:30 - 10:00	1,712	48	6	2	1.05	6.00	6	1,774	1,862	0	2	0	0	1,862	75	1,851			
Vehicles	18,961	385	23	9				19,414		0	14				472	19,900			
Persons	18,961	770	78	108					19,953			0	0	19,953					

	HOV Restricted		
	5 Hour (6:30 AM - 9:00 AM)	Peak Hour (8:00 AM - 9:00 AM)	Peak Hour (8:00 AM - 9:00 AM)
Highway Passengers	19,953	13,342	4,417
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	19,953	13,342	4,417
Autos and Motorcycles	19,414	13,087	4,327
Average Auto Occupancy (Includes Motorcycles)	1.03	1.02	1.02

Va 267 C
 Va 267 East of Rt. 7100 (inbound)
 Facility Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	247	15	1	1	1.11	7.50	1	265	293	1	3	23	90	406	5	274
5:30 - 6:00	1,644	126	6	8	1.13	8.14	2	1,786	2,012	0	5	0	150	2,162	64	1,855
6:00 - 6:30	2,674	214	4	18	1.14	10.41	4	2,914	3,335	0	10	0	300	3,635	64	2,988
6:30 - 7:00	2,596	441	6	6	1.17	7.67	8	3,057	3,578	0	18	0	540	4,118	76	3,151
7:00 - 7:30	2,828	398	12	2	1.14	4.50	2	3,242	3,689	0	15	0	450	4,139	63	3,320
7:30 - 8:00	3,089	334	27	3	1.12	4.07	4	3,457	3,883	0	8	0	240	4,123	62	3,527
8:00 - 8:30	3,112	302	20	2	1.11	4.00	6	3,442	3,810	0	15	0	450	4,260	88	3,545
8:30 - 9:00	2,270	223	8	2	1.10	4.90	9	2,512	2,774	0	9	0	270	3,044	84	2,605
9:00 - 9:30	2,450	92	4	0	1.04	3.00	2	2,548	2,648	0	4	0	120	2,768	67	2,619
9:30 - 10:00	1,968	98	6	3	1.07	6.44	3	2,078	2,225	0	5	0	150	2,375	68	2,151
Vehicles	22,878	2,243	94	45			41	25,301		1	92				641	26,035
Persons	22,878	4,486	302	540					28,247			23	2,760	31,030		

HOV Restricted

	Period Peak Hour		
	5 Hour (6:30 AM - 9:00 AM)	(6:30 AM - 7:30 AM)	
Highway Passengers	31,030	19,684	8,257
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	28,247	17,734	7,267
Autos and Motorcycles	25,301	15,710	6,299
Average Auto Occupancy (Includes Motorcycles)	1.12	1.13	1.15

Va 267 C
 Va 267 East of Rt. 7100 (inbound)
 HOV Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos		Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles	
					Avg. Van-pools Auto Occ.	Auto Occ.		Van-pools + MC	Transit		Other	Trans	Other					
5:00 - 5:30	64	0	0	0	1.00	0.00	0	64	64	0	0	0	0	0	0	64	0	64
5:30 - 6:00	188	28	0	2	1.23	12.00	0	218	268	0	4	0	0	0	268	0	222	
6:00 - 6:30	397	74	0	2	1.20	12.00	0	473	569	0	9	0	0	0	569	5	487	
6:30 - 7:00	52	349	2	0	1.88	3.00	4	407	760	0	10	0	0	0	760	1	418	
7:00 - 7:30	40	267	4	0	1.89	3.25	1	312	588	0	12	0	0	0	588	18	342	
7:30 - 8:00	122	254	23	1	1.79	3.54	2	402	717	0	8	0	0	0	717	27	437	
8:00 - 8:30	268	256	16	2	1.58	4.11	6	548	860	0	14	0	0	0	860	36	598	
8:30 - 9:00	172	162	6	1	1.54	4.29	6	347	532	0	3	0	0	0	532	14	364	
9:00 - 9:30	336	30	0	0	1.08	0.00	1	367	397	0	0	0	0	0	397	2	369	
9:30 - 10:00	308	27	3	0	1.11	4.00	1	339	375	0	1	0	0	0	375	1	341	
Vehicles	1,947	1,447	54	8			21	3,477		0	61					104	3,642	
Persons	1,947	2,894	172	96					5,130				0	0	5,130			

HOV Restricted

	Period Peak Hour		
	5 Hour (6:30 AM - 9:00 AM)	(6:30 AM - 7:30 AM)	
Highway Passengers	5,130	3,457	1,348
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	5,130	3,457	1,348
Autos and Motorcycles	3,477	2,016	719
Average Auto Occupancy (Includes Motorcycles)	1.48	1.71	1.87

Va 267 C
 Va 267 East of Rt. 7100 (inbound)
 Conventional Total
 HOV Restriction Period: 6:30 AM - 9:00 AM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
5:00 - 5:30	183	15	1	1	1.14	7.50	1	201	229	1	3	23	90	342	5	210
5:30 - 6:00	1,456	98	6	6	1.11	7.50	2	1,568	1,744	0	1	0	37	1,781	64	1,633
6:00 - 6:30	2,277	140	4	16	1.13	10.25	4	2,441	2,766	2	1	58	37	2,861	59	2,503
6:30 - 7:00	2,544	92	4	6	1.06	8.60	4	2,650	2,818	1	8	26	296	3,140	75	2,734
7:00 - 7:30	2,788	131	8	2	1.06	5.00	1	2,930	3,101	2	3	58	111	3,270	45	2,980
7:30 - 8:00	2,967	80	4	2	1.04	6.17	2	3,055	3,166	1	0	32	0	3,198	35	3,091
8:00 - 8:30	2,844	46	4	0	1.02	3.50	0	2,894	2,950	1	1	32	37	3,019	52	2,948
8:30 - 9:00	2,098	61	2	1	1.04	6.33	3	2,165	2,242	0	6	0	222	2,464	70	2,241
9:00 - 9:30	2,114	62	4	0	1.03	3.00	1	2,181	2,251	0	4	0	148	2,399	65	2,250
9:30 - 10:00	1,660	71	3	3	1.06	7.67	2	1,739	1,850	0	4	0	148	1,998	67	1,810
Vehicles	20,931	796	40	37				21,824		8	31				537	22,400
Persons	20,931	1,592	130	444					23,117			229	1,126	24,472		

HOV Restricted

	Period		Peak Hour
	5 Hour (6:30 AM - 9:00 AM)	(6:30 AM - 7:30 AM)	
Highway Passengers	24,472	15,091	6,410
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	23,117	14,277	5,919
Autos and Motorcycles	21,824	13,694	5,580
Average Auto Occupancy (Includes Motorcycles)	1.06	1.04	1.06

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Total Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other					
5:00 - 5:30	516	19	3	2	1.09	7.00	1	541	590	0	1	0	30	620	38	580	
5:30 - 6:00	1,164	62	3	5	1.10	9.00	0	1,234	1,360	0	2	0	60	1,420	41	1,277	
6:00 - 6:30	2,054	124	4	6	1.09	8.80	5	2,193	2,395	0	1	0	30	2,425	34	2,228	
6:30 - 7:00	2,335	170	16	0	1.08	3.38	0	2,521	2,729	0	6	0	180	2,909	59	2,586	
7:00 - 7:30	2,314	193	18	6	1.12	5.58	7	2,538	2,841	0	5	0	150	2,991	67	2,610	
7:30 - 8:00	2,128	170	8	3	1.10	5.73	4	2,313	2,535	0	2	0	60	2,595	96	2,411	
8:00 - 8:30	2,035	156	11	3	1.10	4.93	6	2,211	2,422	0	6	0	180	2,602	66	2,283	
8:30 - 9:00	2,030	120	8	4	1.09	6.42	3	2,165	2,350	0	2	0	60	2,410	90	2,257	
9:00 - 9:30	2,178	86	14	1	1.06	3.93	2	2,281	2,411	0	1	0	30	2,441	111	2,393	
9:30 - 10:00	1,373	111	10	1	1.10	4.09	0	1,495	1,640	0	0	0	0	1,640	73	1,568	
Vehicles	18,127	1,211	95	31			28	19,492		0	26				675	20,193	
Persons	18,127	2,422	324	372					21,273			0	780	22,053			

	5 Hour	Peak Hour (8:30 AM - 9:30 AM)
Highway Passengers	22,053	4,851
Rail Passengers	0	0
Auto and Motorcycle Passengers	21,273	4,761
Autos and Motorcycles	19,492	4,446
Average Auto Occupancy (Includes Motorcycles)	1.09	1.07

US 50-A
 US 50 Westbound between MD 410 and New Carrollton
 Facility Total
 24/7 HOV-2 east of this location
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycles (MC)	Total Auto + MC	Total Auto Persons		Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
									+MC Riders		Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	588	12	0	1	1.04	12.00	5	606	624		0	0	0	0	624	42	648	
5:30 - 6:00	1,643	111	1	2	1.08	9.00	6	1,763	1,893		0	0	0	0	1,893	107	1,870	
6:00 - 6:30	1,794	107	2	13	1.13	10.80	5	1,921	2,171		0	0	0	0	2,171	144	2,065	
6:30 - 7:00	1,871	122	4	6	1.10	8.40	4	2,007	2,201		0	0	0	0	2,201	114	2,121	
7:00 - 7:30	2,780	204	6	7	1.10	8.15	4	3,001	3,295		0	0	0	0	3,295	107	3,108	
7:30 - 8:00	2,740	164	7	4	1.08	6.36	5	2,920	3,139		0	0	0	0	3,139	94	3,014	
8:00 - 8:30	2,074	104	8	3	1.07	5.73	4	2,193	2,347		0	0	0	0	2,347	84	2,277	
8:30 - 9:00	1,609	134	8	7	1.13	7.40	2	1,760	1,989		0	0	0	0	1,989	120	1,880	
9:00 - 9:30	1,691	87	5	9	1.11	9.14	2	1,794	1,993		0	0	0	0	1,993	147	1,941	
9:30 - 10:00	1,389	79	8	4	1.09	6.08	0	1,480	1,620		0	0	0	0	1,620	110	1,590	
Vehicles	18,179	1,124	49	56				19,445			0	0				1,069	20,514	
Persons	18,179	2,248	164	672					21,272				0	0	21,272			

	5 Hour	Peak Hour (6:00 AM - 7:00 AM)
Highway Passengers	21,272	4,372
Rail Passengers	0	0
Auto and Motorcycle Passengers	21,272	4,372
Autos and Motorcycles	19,445	3,928
Average Auto Occupancy (Includes Motorcycles)	1.09	1.11

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycle: (MC)	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders + Bus Pass	Trucks	Total Vehicles
									+MC Riders	Transit	Other	Trans	Other			
5:00 - 5:30	848	161	0	2	1.18	12.00	8	1,019	1,202	0	1	0	0	1,202	34	1,054
5:30 - 6:00	1,342	428	18	3	1.28	4.29	8	1,799	2,296	3	1	44	0	2,340	85	1,888
6:00 - 6:30	1,705	413	4	4	1.22	7.50	9	2,135	2,600	2	2	22	21	2,643	89	2,228
6:30 - 7:00	2,603	284	16	3	1.12	4.53	12	2,918	3,269	2	2	27	21	3,317	121	3,043
7:00 - 7:30	2,172	157	12	1	1.08	4.23	10	2,352	2,551	3	3	42	42	2,635	119	2,477
7:30 - 8:00	2,347	461	9	3	1.18	5.58	4	2,824	3,340	2	4	23	63	3,426	150	2,980
8:00 - 8:30	2,196	575	2	2	1.22	7.50	11	2,786	3,387	4	3	58	63	3,508	110	2,903
8:30 - 9:00	1,918	313	5	3	1.16	6.50	5	2,244	2,601	3	5	41	84	2,726	169	2,421
9:00 - 9:30	1,703	45	8	1	1.04	4.56	1	1,758	1,835	1	4	6	63	1,904	178	1,941
9:30 - 10:00	1,718	65	7	1	1.05	4.38	3	1,794	1,886	0	5	0	84	1,970	128	1,927
Vehicles	18,552	2,902	81	23				21,629		20	30				1,183	22,862
Persons	18,552	5,804	264	276					24,967			263	441	25,671		

	HOV		
	5 Hour (5 Hours assumed)	24 Hours	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	25,671	25,671	6,061
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	24,967	24,967	5,891
Autos and Motorcycles	21,629	21,629	5,176
Average Auto Occupancy (Includes Motorcycles)	1.15	1.15	1.14

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders + Bus Pass		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	22	123	0	1	1.92	12.00	6	152	286	0	0	0	0	286	0	152	
5:30 - 6:00	0	252	0	3	2.12	12.00	5	260	545	3	0	44	0	589	1	264	
6:00 - 6:30	12	302	1	2	2.03	9.00	5	322	648	2	1	46	21	715	4	329	
6:30 - 7:00	65	189	16	2	1.90	4.11	10	282	527	3	1	68	21	616	2	288	
7:00 - 7:30	151	119	6	0	1.48	3.17	8	284	416	2	2	75	42	533	2	290	
7:30 - 8:00	85	427	4	0	1.84	3.00	4	520	955	2	3	71	63	1,089	3	528	
8:00 - 8:30	46	542	2	1	1.94	6.00	11	602	1,159	4	3	129	63	1,351	2	611	
8:30 - 9:00	26	282	2	0	1.93	3.50	3	313	600	2	4	58	84	742	6	325	
9:00 - 9:30	25	21	2	0	1.54	3.50	0	48	74	1	3	6	63	143	2	54	
9:30 - 10:00	26	15	1	0	1.40	3.00	1	43	60	0	4	0	84	144	0	47	
Vehicles	458	2,272	34	9				2,826		19	21	497	441	6,208	22	2,888	
Persons	458	4,544	107	108					5,270								

	HOV		
	5 Hour	24 Hours (5 Hours assumed)	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	6,208	6,208	1,622
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	5,270	5,270	1,371
Autos and Motorcycles	2,826	2,826	804
Average Auto Occupancy (Includes Motorcycles)	1.86	1.86	1.71

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders	Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass		
5:00 - 5:30	826	38	0	1	1.06	12.00	2	867	916	0	1	0	0	916	34	902
5:30 - 6:00	1,342	176	18	0	1.14	3.00	3	1,539	1,751	0	1	0	0	1,751	84	1,624
6:00 - 6:30	1,693	111	3	2	1.08	6.60	4	1,813	1,952	0	1	0	0	1,952	85	1,899
6:30 - 7:00	2,538	95	0	1	1.04	12.00	2	2,636	2,742	0	1	0	0	2,742	119	2,756
7:00 - 7:30	2,021	38	6	1	1.03	5.14	2	2,068	2,135	0	1	0	0	2,135	117	2,186
7:30 - 8:00	2,262	34	5	3	1.04	6.88	0	2,304	2,385	0	1	0	0	2,385	147	2,452
8:00 - 8:30	2,150	33	0	1	1.02	12.00	0	2,184	2,228	0	0	0	0	2,228	108	2,292
8:30 - 9:00	1,892	31	3	3	1.04	7.50	2	1,931	2,001	0	1	0	0	2,001	163	2,095
9:00 - 9:30	1,678	24	6	1	1.03	4.86	1	1,710	1,761	0	1	0	0	1,761	176	1,887
9:30 - 10:00	1,692	50	6	1	1.04	4.57	2	1,751	1,826	0	1	0	0	1,826	128	1,880
Vehicles	18,094	630	47	14				18,803		0	9				1,161	19,973
Persons	18,094	1,260	157	168					19,697			0	0	19,697		

	HOV		
	5 Hour (5 Hours assumed)	24 Hours Period	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	19,697	19,697	4,520
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	19,697	19,697	4,520
Autos and Motorcycles	18,803	18,803	4,372
Average Auto Occupancy (Includes Motorcycles)	1.05	1.05	1.03

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Facility Total
 HOV lane restricted 24/7
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycle (MC)	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders + Bus Pass	Trucks	Total Vehicles
									Transit	Other	Trans	Other				
5:00 - 5:30	726	146	7	9	1.30	8.25	5	893	1,154	1	0	9	0	1,163	61	955
5:30 - 6:00	1,806	282	5	16	1.22	9.95	3	2,112	2,582	2	1	12	21	2,615	138	2,253
6:00 - 6:30	2,161	224	3	12	1.15	10.20	3	2,403	2,764	2	1	22	21	2,807	117	2,523
6:30 - 7:00	2,778	262	7	1	1.09	4.25	7	3,055	3,342	2	3	27	63	3,432	166	3,226
7:00 - 7:30	2,774	254	6	2	1.09	5.25	4	3,040	3,328	3	5	42	105	3,475	152	3,200
7:30 - 8:00	2,436	323	8	14	1.18	8.95	6	2,787	3,285	2	7	23	147	3,455	161	2,957
8:00 - 8:30	2,034	547	7	8	1.25	7.93	3	2,599	3,250	4	7	58	147	3,455	174	2,784
8:30 - 9:00	1,909	176	1	6	1.12	10.71	5	2,097	2,341	3	8	41	168	2,550	174	2,282
9:00 - 9:30	1,659	57	2	1	1.04	6.00	2	1,721	1,792	5	9	67	189	2,048	223	1,958
9:30 - 10:00	1,104	28	3	2	1.05	6.60	2	1,139	1,195	4	9	47	189	1,431	137	1,289
Vehicles	19,387	2,299	49	71				21,846		28	50				1,503	23,427
Persons	19,387	4,598	160	852					25,033			348	1,050	26,431		

	HOV		
	5 Hour Period	24 Hours (5 Hours assumed)	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	26,431	26,431	6,907
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	25,033	25,033	6,670
Autos and Motorcycles	21,846	21,846	6,095
Average Auto Occupancy (Includes Motorcycles)	1.15	1.15	1.09

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 HOV Total
 HOV lane restricted 24/7
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	4	38	0	1	2.14	12.00	2	45	94	0	0	0	0	94	1	46	
5:30 - 6:00	1	116	0	1	2.08	12.00	2	120	247	1	1	6	21	274	2	124	
6:00 - 6:30	48	129	0	3	1.90	12.00	2	182	344	2	1	22	21	387	0	185	
6:30 - 7:00	56	189	2	1	1.83	6.33	4	252	457	2	2	27	42	526	0	256	
7:00 - 7:30	80	166	1	0	1.68	3.00	4	251	419	3	3	42	63	524	0	257	
7:30 - 8:00	16	228	3	1	1.99	5.50	6	254	500	2	4	23	84	607	0	260	
8:00 - 8:30	0	441	0	1	2.02	12.00	2	444	896	4	4	58	84	1,038	2	454	
8:30 - 9:00	28	125	0	1	1.88	12.00	4	158	294	3	5	41	105	440	1	167	
9:00 - 9:30	31	48	0	0	1.61	0.00	1	80	128	4	5	58	105	291	0	89	
9:30 - 10:00	39	18	0	0	1.32	0.00	1	58	76	3	4	41	84	201	0	65	
Vehicles	303	1,498	6	9				1,844		24	29				6	1,903	
Persons	303	2,996	20	108					3,455			318	609	4,382			

	HOV		
	5 Hour (5 Hours assumed)	24 Hours Period	Peak Hour 6:30 AM - 7:30 AM
Highway Passengers	4,382	4,382	1,050
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	3,455	3,455	876
Autos and Motorcycles	1,844	1,844	503
Average Auto Occupancy (Includes Motorcycles)	1.87	1.87	1.74

US 50 D westbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Coventional Total
 HOV lane restricted 24/7
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg		Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders		Buses		Passengers +MC Riders + Bus Pass		Trucks	Total Vehicles
					Auto Occ.	3+ Avg Auto Occ. (MC)			Transit	Other	Trans	Other				
5:00 - 5:30	722	108	7	8	1.25	8.00	3	848	1,060	1	0	9	0	1,069	60	909
5:30 - 6:00	1,805	166	5	15	1.17	9.85	1	1,992	2,335	1	0	6	0	2,341	136	2,129
6:00 - 6:30	2,113	95	3	9	1.09	9.75	1	2,221	2,420	3	0	43	0	2,463	117	2,341
6:30 - 7:00	2,722	73	5	0	1.03	3.00	3	2,803	2,885	1	1	31	21	2,937	166	2,971
7:00 - 7:30	2,694	88	5	2	1.04	5.57	0	2,789	2,909	3	2	61	42	3,012	152	2,946
7:30 - 8:00	2,420	95	5	13	1.10	9.72	0	2,533	2,785	3	3	54	63	2,902	161	2,700
8:00 - 8:30	2,034	106	7	7	1.09	7.64	1	2,155	2,354	3	3	52	63	2,469	172	2,333
8:30 - 9:00	1,881	51	1	5	1.06	10.50	1	1,939	2,047	2	3	26	63	2,136	173	2,117
9:00 - 9:30	1,628	9	2	1	1.01	6.00	1	1,641	1,664	1	4	9	84	1,757	223	1,869
9:30 - 10:00	1,065	10	3	2	1.04	6.60	1	1,081	1,119	1	5	6	105	1,230	137	1,224
Vehicles	19,084	801	43	62				20,002		19	21	297	441		1,497	21,539
Persons	19,084	1,602	140	744					21,578			297	441	22,316		

	HOV		
	5 Hour (5 Hours assumed)	24 Hours Period	Peak Hour 6:30 AM - 7:30 AM
Highway Passengers	22,316	22,316	5,949
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	21,578	21,578	5,794
Autos and Motorcycles	20,002	20,002	5,592
Average Auto Occupancy (Includes Motorcycles)	1.08	1.08	1.04

US 50 E
 US 50 @ MD Rt. 424 Davidsonville Road
 Facility Total
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycle (MC)	Total Auto + MC	Total		Buses		Bus Passengers		Passengers +MC		Total Vehicles
									Auto Persons +MC Riders	Transit	Other	Trans	Other	+ Bus Pass	Trucks		
5:00 - 5:30	0	0	0	0	0.00	0.00	0	0	0	0	2	0	42	42	0	2	
5:30 - 6:00	147	134	8	3	1.63	5.45	1	293	476	0	2	0	42	518	14	309	
6:00 - 6:30	1,036	183	10	10	1.25	7.55	0	1,239	1,553	0	7	0	84	1,637	37	1,283	
6:30 - 7:00	1,233	126	81	6	1.25	3.66	2	1,448	1,805	0	8	0	105	1,910	41	1,497	
7:00 - 7:30	1,651	121	0	1	1.07	12.00	3	1,776	1,908	0	11	0	168	2,076	107	1,894	
7:30 - 8:00	2,176	97	0	2	1.05	12.00	6	2,281	2,400	0	13	0	210	2,610	120	2,414	
8:00 - 8:30	1,294	105	1	3	1.10	9.75	4	1,407	1,547	0	14	0	189	1,736	80	1,501	
8:30 - 9:00	1,349	149	6	6	1.15	7.50	3	1,513	1,740	0	15	0	231	1,971	99	1,627	
9:00 - 9:30	1,303	115	5	10	1.16	9.00	4	1,437	1,672	0	10	0	210	1,882	129	1,576	
9:30 - 10:00	1,344	168	15	7	1.18	5.95	6	1,540	1,817	0	11	0	231	2,048	114	1,665	
Vehicles	11,533	1,198	126	48				12,934		0	93				741	13,768	
Persons	11,533	2,396	384	576					14,918			0	1,512	16,430			

	5 Hour	Peak Hour (6:00 AM - 7:00 AM)
Highway Passengers	16,430	3,547
Rail Passengers	0	0
Auto and Motorcycle Passengers	14,918	3,358
Autos and Motorcycles	12,934	2,687
Average Auto Occupancy (Includes Motorcycles)	1.15	1.25

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycle: (MC)	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	311	21	1	3	1.17	9.75	0	336	392	0	0	0	0	392	100	436	
5:30 - 6:00	530	115	14	5	1.30	5.42	0	664	863	0	0	0	0	863	81	745	
6:00 - 6:30	551	141	34	7	1.41	4.88	0	733	1,033	2	0	22	0	1,055	90	825	
6:30 - 7:00	682	208	52	14	1.51	5.27	1	957	1,447	2	1	27	0	1,474	107	1,067	
7:00 - 7:30	865	146	18	4	1.22	4.82	3	1,036	1,266	3	2	42	0	1,308	98	1,139	
7:30 - 8:00	985	167	9	11	1.26	8.10	7	1,179	1,488	2	2	23	0	1,511	79	1,262	
8:00 - 8:30	1,056	129	9	6	1.18	6.67	2	1,202	1,416	4	2	58	0	1,474	74	1,282	
8:30 - 9:00	914	111	13	3	1.17	5.00	2	1,043	1,218	3	2	41	0	1,259	101	1,149	
9:00 - 9:30	858	109	9	7	1.21	7.06	0	983	1,189	0	2	0	0	1,189	122	1,107	
9:30 - 10:00	966	138	6	2	1.16	5.50	1	1,113	1,287	0	1	0	0	1,287	161	1,275	
Vehicles	7,718	1,285	165	62				9,246		16	12				1,013	10,287	
Persons	7,718	2,570	551	744					11,599			213	0	11,812			

	HOV		
	5 Hour (5 Hours assumed)	24 Hours (7:00 AM - 8:00 AM)	Peak Hour
Highway Passengers	11,812	8,081	2,819
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	11,599	7,868	2,754
Autos and Motorcycles	9,246	6,150	2,215
Average Auto Occupancy (Includes Motorcycles)	1.25	1.28	1.24

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders + Bus Pass	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
5:00 - 5:30	12	2	0	1	1.87	12.00	0	15	28	0	0	0	0	28	1	16
5:30 - 6:00	2	0	0	1	4.67	12.00	0	3	14	0	0	0	0	14	0	3
6:00 - 6:30	5	8	3	1	2.53	5.50	0	17	43	1	0	3	0	46	0	18
6:30 - 7:00	6	23	4	0	2.03	3.75	0	33	67	2	0	7	0	74	0	35
7:00 - 7:30	10	22	3	0	1.80	3.00	2	37	65	2	0	19	0	84	0	39
7:30 - 8:00	19	24	2	1	1.85	6.00	0	46	85	2	0	29	0	114	1	49
8:00 - 8:30	9	19	1	1	2.07	7.50	0	30	62	1	0	4	0	66	0	31
8:30 - 9:00	21	22	4	0	1.68	3.50	1	48	80	1	0	15	0	95	1	50
9:00 - 9:30	12	28	3	1	2.02	5.25	0	44	89	0	0	0	0	89	0	44
9:30 - 10:00	11	19	1	0	1.68	3.00	0	31	52	0	0	0	0	52	0	31
Vehicles	107	167	21	6				304		9	0				3	316
Persons	107	334	69	72					585			77	0	662		

	HOV		
	5 Hour (5 Hours assumed)	Period 24 Hours	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	662	479	198
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	585	402	150
Autos and Motorcycles	304	211	83
Average Auto Occupancy (Includes Motorcycles)	1.92	1.91	1.81

US 50 C eastbound
 US 50 between MD 197/Collington Road and MD 704/MLK, Jr. Hwy
 Coventional Total
 HOV lane restricted 24/7
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
5:00 - 5:30	299	19	1	2	1.13	9.00	0	321	364	0	0	0	0	364	99	420	
5:30 - 6:00	528	115	14	4	1.28	5.06	0	661	849	0	0	0	0	849	81	742	
6:00 - 6:30	546	133	31	6	1.38	4.81	0	716	990	0	0	0	0	990	90	806	
6:30 - 7:00	676	185	48	14	1.49	5.37	1	924	1,380	0	1	0	0	1,380	107	1,032	
7:00 - 7:30	855	124	15	4	1.20	5.11	1	999	1,201	0	2	0	0	1,201	98	1,099	
7:30 - 8:00	966	143	7	10	1.24	8.47	7	1,133	1,403	0	2	0	0	1,403	78	1,213	
8:00 - 8:30	1,047	110	8	5	1.16	6.54	2	1,172	1,354	0	2	0	0	1,354	74	1,248	
8:30 - 9:00	893	89	9	3	1.14	5.50	1	995	1,138	0	2	0	0	1,138	100	1,097	
9:00 - 9:30	846	81	6	6	1.17	7.67	0	939	1,100	0	2	0	0	1,100	122	1,063	
9:30 - 10:00	955	119	5	2	1.14	5.86	1	1,082	1,235	0	1	0	0	1,235	161	1,244	
Vehicles	7,611	1,118	144	56				8,942		0	12				1,010	9,964	
Persons	7,611	2,236	482	672					11,014			0	0	11,014			

	HOV		
	5 Hour	Period	Peak Hour
		24 Hours <small>(5 Hours assumed)</small>	(7:00 AM - 8:00 AM)
Highway Passengers	11,014	7,466	2,604
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	11,014	7,466	2,604
Autos and Motorcycles	8,942	5,939	2,132
Average Auto Occupancy (Includes Motorcycles)	1.23	1.26	1.22

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Facility Total
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycle (MC)	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders + Bus Pass	Trucks	Total Vehicles
									Transit	Other	Trans	Other				
5:00 - 5:30	168	11	1	0	1.07	3.00	1	181	193	1	0	9	0	202	41	223
5:30 - 6:00	445	95	12	3	1.28	4.87	1	556	708	2	0	12	0	720	102	660
6:00 - 6:30	515	157	21	0	1.30	3.38	0	693	900	2	0	22	0	922	97	792
6:30 - 7:00	621	263	44	4	1.43	3.90	0	932	1,334	2	1	27	21	1,382	98	1,033
7:00 - 7:30	738	172	21	0	1.23	3.00	1	932	1,146	3	2	42	42	1,230	92	1,029
7:30 - 8:00	1,104	128	12	2	1.14	4.57	4	1,250	1,427	2	3	23	63	1,513	97	1,352
8:00 - 8:30	1,052	146	8	0	1.13	3.00	2	1,208	1,369	4	3	58	63	1,490	101	1,316
8:30 - 9:00	947	167	6	2	1.18	5.25	1	1,123	1,323	3	3	41	63	1,427	136	1,265
9:00 - 9:30	607	107	8	0	1.17	3.00	1	723	845	5	4	67	84	996	104	836
9:30 - 10:00	685	138	5	1	1.19	4.67	0	829	989	4	5	47	105	1,141	119	957
Vehicles	6,882	1,384	138	12				8,427		28	21				987	9,463
Persons	6,882	2,768	435	144					10,234			348	441	11,023		

	HOV		
	5 Hour Period	Peak Hour (7:30 AM - 8:30 AM)	
Highway Passengers	11,023	7,964	3,003
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	10,234	7,499	2,796
Autos and Motorcycles	8,427	6,138	2,458
Average Auto Occupancy (Includes Motorcycles)	1.21	1.22	1.14

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 HOV Total
 HOV Restriction Period:
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons	Buses Transit	Buses Other	Bus Passengers		Total Auto Passengers +MC Riders	Trucks	Total Vehicles
									+MC Riders			Trans	Other	+ Bus Pass		
5:00 - 5:30	4	0	0	0	1.00	0.00	0	4	4	0	0	0	0	4	0	4
5:30 - 6:00	5	1	0	0	1.17	0.00	0	6	7	1	0	6	0	13	1	8
6:00 - 6:30	4	7	1	0	1.75	3.00	0	12	21	2	0	22	0	43	0	14
6:30 - 7:00	3	16	5	2	2.85	5.57	0	26	74	2	0	27	0	101	1	29
7:00 - 7:30	1	15	1	0	2.00	3.00	0	17	34	3	0	42	0	76	0	20
7:30 - 8:00	11	8	0	0	1.42	0.00	0	19	27	2	0	23	0	50	0	21
8:00 - 8:30	3	19	0	0	1.86	0.00	1	23	42	4	0	58	0	100	0	27
8:30 - 9:00	7	15	1	1	2.17	7.50	0	24	52	3	0	41	0	93	0	27
9:00 - 9:30	2	11	3	0	2.06	3.00	0	16	33	4	0	58	0	91	0	20
9:30 - 10:00	5	8	1	1	2.40	7.50	0	15	36	3	0	41	0	77	0	18
Vehicles	45	100	12	4				162		24	0				2	188
Persons	45	200	36	48					330			318	0	648		

	HOV		
	5 Hour Period	6:00 AM - 9:00 AM	Peak Hour (7:30 AM - 8:30 AM)
Highway Passengers	648	463	150
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	330	250	69
Autos and Motorcycles	162	121	42
Average Auto Occupancy (Includes Motorcycles)	2.04	2.07	1.64

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Coventional Total
 Future HOV
 Spring, 2004

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders	Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass		
5:00 - 5:30	164	11	1	0	1.07	3.00	1	177	189	1	0	9	0	198	41	219
5:30 - 6:00	440	94	12	3	1.28	4.87	1	550	701	1	0	6	0	707	101	652
6:00 - 6:30	511	150	20	0	1.29	3.40	0	681	879	3	0	43	0	922	97	781
6:30 - 7:00	618	247	39	2	1.39	3.61	0	906	1,260	1	1	31	21	1,312	97	1,005
7:00 - 7:30	737	157	20	0	1.22	3.00	1	915	1,112	3	2	61	42	1,215	92	1,012
7:30 - 8:00	1,093	120	12	2	1.14	4.57	4	1,231	1,400	3	3	54	63	1,517	97	1,334
8:00 - 8:30	1,049	127	8	0	1.12	3.00	1	1,185	1,327	3	3	52	63	1,442	101	1,292
8:30 - 9:00	940	152	5	1	1.16	4.50	1	1,099	1,271	2	3	26	63	1,360	136	1,240
9:00 - 9:30	605	96	5	0	1.15	3.00	1	707	812	1	4	9	84	905	104	816
9:30 - 10:00	680	130	4	0	1.17	3.25	0	814	953	1	5	6	105	1,064	119	939
Vehicles	6,837	1,284	126	8				8,265		19	21				985	9,290
Persons	6,837	2,568	399	96					9,904			297	441	10,642		

	HOV		
	5 Hour Period	Peak Hour	
	(6:00 AM - 9:00 AM)	(7:30 AM - 8:30 AM)	
Highway Passengers	10,642	7,768	2,959
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,904	7,249	2,727
Autos and Motorcycles	8,265	6,017	2,416
Average Auto Occupancy (Includes Motorcycles)	1.20	1.20	1.13

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other					
5:00 - 5:30	1,272	79	8	1	1.08	4.22	6	1,366	1,474	0	2	0	0	1,474	249	1,617	
5:30 - 6:00	2,268	177	31	6	1.13	4.86	5	2,487	2,807	0	10	0	0	2,807	251	2,748	
6:00 - 6:30	2,069	317	51	14	1.25	5.38	10	2,461	3,063	0	0	0	0	3,063	230	2,691	
6:30 - 7:00	2,094	279	53	18	1.25	5.55	12	2,456	3,058	0	0	0	0	3,058	197	2,653	
7:00 - 7:30	2,315	227	35	15	1.19	6.08	9	2,601	3,082	0	0	0	0	3,082	216	2,817	
7:30 - 8:00	1,759	271	13	6	1.18	5.84	9	2,058	2,421	0	0	0	0	2,421	331	2,389	
8:00 - 8:30	1,538	368	33	3	1.24	3.86	3	1,945	2,416	0	2	0	0	2,416	201	2,148	
8:30 - 9:00	1,601	229	15	3	1.16	4.56	5	1,853	2,146	0	3	0	0	2,146	236	2,092	
9:00 - 9:30	1,851	206	14	4	1.14	5.33	12	2,087	2,371	0	1	0	0	2,371	339	2,427	
9:30 - 10:00	1,636	250	15	9	1.20	6.71	3	1,913	2,300	0	5	0	0	2,300	360	2,278	
Vehicles	18,403	2,403	268	79			74	21,227		0	23				2,610	23,860	
Persons	18,403	4,806	907	948					25,138				0	0	25,138		

	5 Hour	Peak Hour (6:30 AM - 7:30 AM)
Highway Passengers	25,138	6,140
Rail Passengers	0	0
Auto and Motorcycle Passengers	25,138	6,140
Autos and Motorcycles	21,227	5,057
Average Auto Occupancy (Includes Motorcycles)	1.18	1.21

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other					
5:00 - 5:30	1,114	36	0	6	1.09	12.00	4	1,160	1,262	0	0	0	0	1,262	133	1,293	
5:30 - 6:00	1,480	47	4	4	1.06	7.50	1	1,536	1,635	0	0	0	0	1,635	130	1,666	
6:00 - 6:30	1,549	73	7	1	1.06	4.50	9	1,639	1,740	0	0	0	0	1,740	94	1,733	
6:30 - 7:00	1,492	88	6	2	1.08	5.50	7	1,595	1,719	0	0	0	0	1,719	95	1,690	
7:00 - 7:30	1,240	96	3	2	1.09	7.20	2	1,343	1,470	0	0	0	0	1,470	83	1,426	
7:30 - 8:00	1,585	95	1	1	1.06	7.50	3	1,685	1,793	0	0	0	0	1,793	92	1,777	
8:00 - 8:30	1,703	83	2	3	1.07	8.60	3	1,794	1,915	0	0	0	0	1,915	109	1,903	
8:30 - 9:00	1,305	64	2	2	1.07	7.50	18	1,391	1,481	0	0	0	0	1,481	131	1,522	
9:00 - 9:30	1,064	132	7	4	1.16	6.27	1	1,208	1,398	0	0	0	0	1,398	180	1,388	
9:30 - 10:00	957	231	7	2	1.23	5.33	1	1,198	1,468	0	0	0	0	1,468	206	1,404	
Vehicles	13,489	945	39	27			49	14,549		0	0				1,253	15,802	
Persons	13,489	1,890	129	324					15,881			0	0	15,881			

	5 Hour	Peak Hour (7:00 AM - 8:00 AM)
Highway Passengers	15,881	3,263
Rail Passengers	0	0
Auto and Motorcycle Passengers	15,881	3,263
Autos and Motorcycles	14,549	3,028
Average Auto Occupancy (Includes Motorcycles)	1.09	1.08

APPENDIX B
P.M. HOV OCCUPANCY/CLASSIFICATION COUNTS

I-395 A
 I-395 South at Boundary Channel Drive
 Facility Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders	Trucks	Total Vehicles	Rail		
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other				Metro	Comm.	
3:00 - 3:30	2,661	569	112	26	1.33	4.87	24	3,392	4,495	0	14	0	490	4,985	58	3,464	1,104	0	
3:30 - 4:00	2,955	760	285	47	1.47	4.45	61	4,108	6,014	0	29	0	1,015	7,029	41	4,178	1,299	0	
4:00 - 4:30	2,499	756	351	55	1.58	4.35	41	3,702	5,817	0	31	0	1,085	6,902	29	3,762	2,150	0	
4:30 - 5:00	2,909	705	282	80	1.55	5.09	81	4,057	6,243	0	32	0	1,120	7,363	34	4,123	2,303	0	
5:00 - 5:30	2,821	527	253	21	1.37	3.91	43	3,665	4,988	0	36	0	1,260	6,248	21	3,722	2,968	0	
5:30 - 6:00	3,032	708	187	14	1.33	3.94	36	3,977	5,276	0	40	0	1,400	6,676	24	4,041	2,459	0	
6:00 - 6:30	3,393	956	118	10	1.30	3.95	15	4,492	5,825	0	26	0	910	6,735	23	4,541	2,221	0	
6:30 - 7:00	3,198	730	68	9	1.25	4.45	12	4,017	5,013	0	15	0	525	5,538	32	4,064	1,235	0	
7:00 - 7:30	2,917	687	95	10	1.27	4.12	14	3,723	4,738	0	17	0	595	5,333	16	3,756	981	0	
7:30 - 8:00	2,451	535	71	8	1.26	4.13	16	3,081	3,863	0	12	0	420	4,283	16	3,109	431	0	
Vehicles	28,836	6,933	1,822	280			343	38,214		0	252				294	38,760			
Persons	28,836	13,866	5,867	3,360					52,272				0	8,820	61,092			17,151	0

HOV Restricted

	Period 5 Hour (3:30 PM - 6:00 PM)	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	61,092	34,218
Rail Passengers	17,151	11,179
Auto and Motorcycle Passengers	52,272	28,338
Autos and Motorcycles	38,214	19,509
Average Auto Occupancy (Includes Motorcycles)	1.37	1.45

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	3+Autos+		Motor-cycles (MC)	Total Autos		Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles		Rail	
					Avg. Auto Occ.	Van-pools Auto Occ.		+ MC	+ MC		Transit	Other	Trans	Other	Bus Pass.	Trans		Metro	Comm.		
3:00 - 3:30	270	59	65	9	1.75	4.28	16	419	721	0	6	0	174	895	6	431	1,385	0	0	0	
3:30 - 4:00	361	119	227	37	2.38	4.43	47	791	1,815	0	19	0	551	2,366	7	817	2,098	0	0	0	
4:00 - 4:30	268	116	215	37	2.56	4.46	30	666	1,655	0	15	0	435	2,090	2	683	2,593	0	0	0	
4:30 - 5:00	356	166	196	60	2.60	5.22	67	845	2,092	0	9	0	261	2,353	9	863	3,259	0	0	0	
5:00 - 5:30	349	85	193	10	1.96	3.60	25	662	1,275	0	21	0	609	1,884	2	685	3,957	0	0	0	
5:30 - 6:00	268	79	130	1	1.80	3.33	21	499	883	0	20	0	580	1,463	3	522	4,226	0	0	0	
6:00 - 6:30	714	279	55	4	1.42	3.80	6	1,058	1,502	0	8	0	232	1,734	5	1,071	3,030	0	0	0	
6:30 - 7:00	645	130	15	0	1.21	3.40	6	796	962	0	7	0	203	1,165	6	809	1,475	0	0	0	
7:00 - 7:30	598	104	17	1	1.22	4.00	7	727	885	0	3	0	87	972	4	734	1,184	0	0	0	
7:30 - 8:00	471	86	9	0	1.19	3.11	8	574	679	0	4	0	116	795	4	582	2,128	0	0	0	
Vehicles	4,300	1,223	1,122	159			233	7,037		0	112				48	7,197					
Persons	4,300	2,446	3,582	1,908					12,469				0	3,248	15,717				25,335	0	

HOV Restricted

	Period 5 Hour (3:30 PM - 6:00 PM)	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	15,717	3,347
Rail Passengers	25,335	8,183
Auto and Motorcycle Passengers	12,469	2,158
Autos and Motorcycles	7,037	1,161
Average Auto Occupancy (Includes Motorcycles)	1.77	1.86

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 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders Bus Pass.	Trucks	Total Vehicles	Rail		
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other				Metro	Comm.	
3:00 - 3:30	2,391	510	47	17	1.27	5.55	8	2,973	3,774	0	8	0	280	4,054	52	3,033	0	0	
3:30 - 4:00	2,594	641	58	10	1.27	4.54	14	3,317	4,199	0	10	0	350	4,549	34	3,361	0	0	
4:00 - 4:30	2,231	640	136	18	1.37	4.16	11	3,036	4,162	0	16	0	560	4,722	27	3,079	0	0	
4:30 - 5:00	2,553	539	86	20	1.29	4.77	14	3,212	4,151	0	23	0	805	4,956	25	3,260	0	0	
5:00 - 5:30	2,472	442	60	11	1.24	4.77	18	3,003	3,713	0	15	0	525	4,238	19	3,037	0	0	
5:30 - 6:00	2,764	629	57	13	1.26	5.09	15	3,478	4,393	0	20	0	700	5,093	21	3,519	0	0	
6:00 - 6:30	2,679	677	63	6	1.26	4.07	9	3,434	4,323	0	18	0	630	4,953	18	3,470	0	0	
6:30 - 7:00	2,553	600	53	9	1.26	4.71	6	3,221	4,051	0	8	0	280	4,331	26	3,255	0	0	
7:00 - 7:30	2,319	583	78	9	1.29	4.15	7	2,996	3,853	0	14	0	490	4,343	12	3,022	0	0	
7:30 - 8:00	1,980	449	62	8	1.27	4.26	8	2,507	3,184	0	8	0	280	3,464	12	2,527	0	0	
Vehicles	24,536	5,710	700	121			110	31,177		0	140				246	31,563			
Persons	24,536	11,420	2,285	1,452					39,803				0	4,900	44,703			0	0

HOV Restricted

	Period 5 Hour (3:30 PM - 6:00 PM)	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	44,703	9,331
Rail Passengers	0	0
Auto and Motorcycle Passengers	39,803	8,106
Autos and Motorcycles	31,177	6,481
Average Auto Occupancy (Includes Motorcycles)	1.28	1.25

I-395 B
 I-395 Southbound north of Va. 120
 Facility Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC Riders	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	2,657	379	86	18	1.24	4.63	16	3,156	3,912	5	14	78	165	4,155	16	3,191
3:30 - 4:00	2,754	377	581	67	1.61	3.96	57	3,836	6,132	13	44	119	957	7,208	36	3,929
4:00 - 4:30	3,051	482	1,028	74	1.73	3.62	76	4,711	8,085	17	35	234	825	9,144	25	4,788
4:30 - 5:00	2,894	433	935	85	1.76	3.80	90	4,437	7,722	31	54	445	1,287	9,454	12	4,534
5:00 - 5:30	3,172	554	1,088	27	1.64	3.30	101	4,942	8,057	26	25	563	627	9,247	17	5,010
5:30 - 6:00	3,650	561	872	19	1.51	3.27	90	5,192	7,778	34	24	680	561	9,019	19	5,269
6:00 - 6:30	3,981	562	162	11	1.22	3.63	24	4,740	5,757	26	25	601	462	6,820	8	4,799
6:30 - 7:00	3,338	596	59	9	1.21	4.40	15	4,017	4,844	21	27	348	561	5,753	7	4,072
7:00 - 7:30	3,471	652	64	8	1.21	4.21	20	4,215	5,098	8	21	105	264	5,467	11	4,255
7:30 - 8:00	2,993	477	32	6	1.17	4.55	20	3,528	4,140	7	15	138	132	4,410	9	3,559
Vehicles	31,961	5,073	4,907	324			509	42,774		188	284				160	43,406
Persons	31,961	10,146	18,909	3,888					27,617			1,872	1,980	70,677		

HOV Restricted

	Period		Peak Hour
	5 Hours (3:30 PM - 6:00 PM)	(3:30 PM - 6:00 PM)	(5:00 PM - 6:00 PM)
Highway Passengers	70,677	44,072	15,839
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	61,525	37,774	13,535
Autos and Motorcycles	42,774	23,118	9,932
Average Auto Occupancy (Includes Motorcycles)	1.44	1.63	1.36

I-395 B
I-395 Southbound north of Va. 120
HOV Lane Totals
HOV Restriction Period 3:30 PM - 6:00 PM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC Riders	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	722	64	72	11	1.38	4.23	13	882	1,214	2	5	78	165	1,457	9	898
3:30 - 4:00	177	12	555	55	3.18	3.84	53	852	2,594	11	29	119	957	3,670	6	898
4:00 - 4:30	106	21	992	66	3.32	3.58	69	1,254	4,001	16	25	234	825	5,060	5	1,300
4:30 - 5:00	161	14	911	71	3.30	3.70	86	1,243	3,905	30	39	445	1,287	5,637	4	1,316
5:00 - 5:30	236	126	1,053	21	2.77	3.25	100	1,536	4,079	26	19	563	627	5,269	7	1,588
5:30 - 6:00	317	88	812	13	2.56	3.22	85	1,315	3,234	31	17	680	561	4,475	3	1,366
6:00 - 6:30	1,293	159	130	5	1.30	3.39	21	1,608	2,090	25	14	601	462	3,153	0	1,647
6:30 - 7:00	1,172	180	10	2	1.16	4.75	14	1,378	1,603	20	17	348	561	2,512	5	1,420
7:00 - 7:30	1,178	126	10	1	1.12	3.82	15	1,330	1,487	5	8	105	264	1,856	6	1,349
7:30 - 8:00	824	84	5	0	1.10	3.00	9	922	1,016	7	4	138	132	1,286	5	938
Vehicles	6,186	874	4,550	245			465									
Persons	6,186	1,748	13,884	2,940								3,311	5,841			
HOV Restricted																
	Period		Peak Hour													
	5 Hours		(3:30 PM - 6:00 PM)													
	(3:30 PM - 6:00 PM)		6:00 PM)													
Highway Passengers	34,375	24,111	7,628													
Rail Passengers	0	0	0													
Auto and Motorcycle Passengers	25,223	17,813	5,324													
Autos and Motorcycles	12,320	6,200	2,923													
Average Auto Occupancy (Includes Motorcycles)	2.05	2.87	1.82													

I-395 B
I-395 Southbound north of Va. 120
Non-HOV Lane Totals
HOV Restriction Period 3:30 PM - 6:00 PM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	1,935	315	14	7	1.19	6.19	3	2,274	2,698	3	9	0	0	2,698	24	2,310
3:30 - 4:00	2,577	365	26	12	1.19	5.97	4	2,984	3,538	2	15	0	0	3,538	60	3,061
4:00 - 4:30	2,945	461	36	8	1.18	4.77	7	3,457	4,084	1	10	0	0	4,084	38	3,506
4:30 - 5:00	2,733	419	24	14	1.20	6.37	4	3,194	3,817	1	15	0	0	3,817	26	3,236
5:00 - 5:30	2,936	428	35	6	1.17	4.51	1	3,406	3,978	0	6	0	0	3,978	21	3,433
5:30 - 6:00	3,333	473	60	6	1.17	3.94	5	3,877	4,544	3	7	0	0	4,544	36	3,923
6:00 - 6:30	2,688	403	32	6	1.17	4.47	3	3,132	3,667	1	11	0	0	3,667	10	3,154
6:30 - 7:00	2,166	416	49	7	1.23	4.32	1	2,639	3,241	1	10	0	0	3,241	17	2,667
7:00 - 7:30	2,293	526	54	7	1.25	4.28	5	2,885	3,611	3	13	0	0	3,611	18	2,919
7:30 - 8:00	2,169	393	27	6	1.20	4.79	11	2,606	3,124	0	11	0	0	3,124	16	2,633
Vehicles	25,775	4,199	357	79			44									
Persons	25,775	8,398	1,137	948												

HOV Restricted

	Period Peak Hour		
	5 Hours (3:30 PM - 6:00 PM)	(3:30 PM - 5:00 PM - 6:00 PM)	6:00 PM)
Highway Passengers	36,302	19,961	8,211
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	36,302	19,961	8,211
Autos and Motorcycles	30,454	16,918	7,009
Average Auto Occupancy (Includes Motorcycles)	1.19	1.18	1.17

I-395 C
 I-395 south between Va 236 and Va 648 (@ Turkeycock Run)
 Facility Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2007 - 8 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	3,144	326	145	17	1.22	4.03	26	3,658	4,475	0	8	0	280	4,755	107	3,773
3:30 - 4:00	1,854	166	431	48	1.63	3.93	56	2,555	4,126	1	13	32	455	4,613	55	2,624
4:00 - 4:30	1,504	182	893	70	2.05	3.70	78	2,727	5,507	6	19	148	665	6,320	48	2,800
4:30 - 5:00	2,214	325	1,154	105	2.01	3.80	81	3,879	7,723	7	22	147	770	8,640	56	3,964
5:00 - 5:30	3,355	434	1,112	44	1.65	3.39	89	5,034	8,232	9	24	196	840	9,268	50	5,117
5:30 - 6:00	3,458	329	924	11	1.50	3.16	98	4,820	7,172	9	32	231	1,120	8,523	52	4,913
6:00 - 6:30	3,772	457	138	3	1.18	3.24	21	4,391	5,164	7	12	142	420	5,726	46	4,456
6:30 - 7:00	3,730	454	81	4	1.16	3.66	33	4,302	4,982	5	15	99	525	5,606	40	4,362
7:00 - 7:30	3,241	619	63	25	1.26	5.76	19	3,967	5,005	3	13	42	455	5,502	29	4,012
7:30 - 8:00	2,804	400	36	18	1.21	6.20	25	3,283	3,964	1	12	0	420	4,384	23	3,319
Vehicles	29,076	3,692	4,977	345			526	38,616		48	170				506	39,340
Persons	29,076	7,384	15,224	4,140					56,350			1,037	5,950	63,337		

HOV Restricted

	Period		Peak Hour
	5 Hour	(3:30 PM - (5:00 PM - 6:00 PM)	
Highway Passengers	63,337	37,364	17,791
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	56,350	32,760	15,404
Autos and Motorcycles	38,616	19,015	9,854
Average Auto Occupancy (Includes Motorcycles)	1.46	1.72	1.56

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, 2007 - 8 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	1,029	152	130	14	1.44	3.96	22	1,347	1,925	0	2	0	58	1,983	16	1,365
3:30 - 4:00	342	48	425	48	2.67	3.94	50	913	2,353	1	9	32	261	2,646	11	934
4:00 - 4:30	420	50	870	62	2.79	3.64	74	1,476	3,982	6	13	148	377	4,507	6	1,501
4:30 - 5:00	511	43	1,119	93	2.89	3.72	68	1,834	5,179	7	22	147	638	5,964	7	1,870
5:00 - 5:30	724	124	1,085	38	2.40	3.35	77	2,048	4,806	9	22	196	638	5,640	12	2,091
5:30 - 6:00	964	43	910	10	2.05	3.15	86	2,013	4,034	9	21	231	609	4,874	4	2,047
6:00 - 6:30	1,639	202	125	3	1.25	3.25	19	1,988	2,478	7	5	142	145	2,765	11	2,011
6:30 - 7:00	1,444	244	61	3	1.23	3.61	21	1,773	2,184	5	5	99	145	2,428	5	1,788
7:00 - 7:30	1,369	165	17	8	1.19	5.96	11	1,570	1,859	3	9	42	261	2,162	7	1,589
7:30 - 8:00	1,229	110	11	2	1.12	4.62	13	1,365	1,522	1	11	0	319	1,841	6	1,383
Vehicles	9,671	1,181	4,753	281			441	16,327		48	119				85	16,579
Persons	9,671	2,362	14,476	3,372					30,322			1,037	3,451	34,810		

HOV Restricted

	Period Peak Hour		
	5 Hour (3:30 PM - 6:00 PM)	(5:00 PM - 6:00 PM)	6:00 PM
Highway Passengers	34,810	23,631	10,514
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	30,322	20,354	8,840
Autos and Motorcycles	16,327	8,284	4,061
Average Auto Occupancy (Includes Motorcycles)	1.86	2.46	2.18

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, 2007 - 8 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+ Avg. Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses Transit	Other	Bus Passengers		Total Auto Passengers + MC Riders Bus Pass.	Trucks	Total Vehicles	
											Trans	Other				
3:00 - 3:30	2,115	174	15	3	1.10	4.61	4	2,311	2,550	0	6	0	0	2,550	91	2,408
3:30 - 4:00	1,512	118	6	0	1.08	3.17	6	1,642	1,773	0	4	0	0	1,773	44	1,690
4:00 - 4:30	1,084	132	23	8	1.22	5.58	4	1,251	1,525	0	6	0	0	1,525	42	1,299
4:30 - 5:00	1,703	282	35	12	1.25	5.62	13	2,045	2,544	0	0	0	0	2,544	49	2,094
5:00 - 5:30	2,631	310	27	6	1.15	4.94	12	2,986	3,426	0	2	0	0	3,426	38	3,026
5:30 - 6:00	2,494	286	14	1	1.12	4.00	12	2,807	3,138	0	11	0	0	3,138	48	2,866
6:00 - 6:30	2,133	255	13	0	1.12	3.15	2	2,403	2,686	0	7	0	0	2,686	35	2,445
6:30 - 7:00	2,286	210	20	1	1.11	3.81	12	2,529	2,798	0	10	0	0	2,798	35	2,574
7:00 - 7:30	1,872	454	46	17	1.31	5.68	8	2,397	3,146	0	4	0	0	3,146	22	2,423
7:30 - 8:00	1,575	290	25	16	1.27	6.71	12	1,918	2,442	0	1	0	0	2,442	17	1,936
Vehicles	19,405	2,511	224	64			85	22,289		0	51				421	22,761
Persons	19,405	5,022	748	768					26,028			0	0	26,028		

HOV Restricted

	Period Peak Hour		
	5 Hour (3:30 PM - 6:00 PM)	(5:00 PM - 6:00 PM)	6:00 PM)
Highway Passengers	26,028	12,406	6,564
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	26,028	12,406	6,564
Autos and Motorcycles	22,289	10,731	5,793
Average Auto Occupancy (Includes Motorcycles)	1.17	1.16	1.13

I-95 A
 I-95 North of Newington (southbound)
 Facility Total
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van-pools Auto Occ.	3+Autos+ Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	2,430	350	55	7	1.19	4.13	28	2,870	3,414	0	117	0	1,089	4,503	39	3,026
3:30 - 4:00	2,033	293	557	95	1.83	4.35	63	3,041	5,521	0	101	0	825	6,346	49	3,191
4:00 - 4:30	1,333	191	797	119	2.28	4.21	86	2,526	5,655	0	103	0	594	6,249	48	2,677
4:30 - 5:00	1,178	144	1,062	109	2.41	3.88	76	2,569	6,087	0	112	0	429	6,516	34	2,715
5:00 - 5:30	1,223	143	1,096	83	2.30	3.70	98	2,643	5,964	0	118	0	495	6,459	35	2,796
5:30 - 6:00	1,984	226	948	37	1.80	3.36	85	3,280	5,832	0	141	0	693	6,525	41	3,462
6:00 - 6:30	3,226	455	253	6	1.26	3.24	36	3,976	5,012	0	101	0	462	5,474	50	4,127
6:30 - 7:00	3,220	451	122	5	1.20	3.55	22	3,820	4,595	0	88	0	330	4,925	53	3,961
7:00 - 7:30	2,213	452	102	8	1.28	3.97	21	2,796	3,575	0	91	0	99	3,674	41	2,928
7:30 - 8:00	2,155	395	71	8	1.24	4.10	8	2,637	3,277	0	61	0	165	3,442	62	2,760
Vehicles	20,995	3,100	5,063	477			523	30,158		0	1,033				452	31,643
Persons	20,995	6,200	21,214	5,724					22,291			0	1,749	54,113		

	HOV Restricted		HOV period	
	5 Hours (3:30 PM - 6:00 PM)	Peak Hour (6:00 PM - 7:00 PM)	Peak Hour (5:00 PM - 6:00 PM)	Peak Hour (6:00 PM)
Highway Passengers	54,113	32,095	10,399	12,984
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	48,932	29,059	9,607	11,796
Autos and Motorcycles	30,158	14,059	7,796	5,923
Average Auto Occupancy (Includes Motorcycles)	1.62	2.07	1.23	1.99

I-95 A
 I-95 North of Newington (southbound)
 HOV Lane Totals
 HOV Restriction Period 3:30 PM - 6:00 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	1,234	219	52	7	1.27	4.19	27	1,539	1,946	0	33	0	1,089	3,035	45	1,617
3:30 - 4:00	577	152	551	95	2.69	4.36	62	1,437	3,762	0	25	0	825	4,587	27	1,489
4:00 - 4:30	288	45	789	118	3.38	4.20	86	1,326	4,277	0	18	0	594	4,871	11	1,355
4:30 - 5:00	349	37	1,055	108	3.18	3.88	76	1,625	5,006	0	13	0	429	5,435	13	1,651
5:00 - 5:30	417	68	1,080	83	2.94	3.69	98	1,746	4,947	0	15	0	495	5,442	4	1,765
5:30 - 6:00	622	93	944	35	2.41	3.34	84	1,778	4,159	0	21	0	693	4,852	7	1,806
6:00 - 6:30	1,685	299	246	6	1.39	3.25	33	2,269	3,134	0	14	0	462	3,596	20	2,303
6:30 - 7:00	1,654	293	105	4	1.28	3.50	22	2,078	2,644	0	10	0	330	2,974	21	2,109
7:00 - 7:30	1,475	326	74	8	1.31	4.11	18	1,901	2,482	0	3	0	99	2,581	26	1,930
7:30 - 8:00	1,176	288	48	6	1.30	4.04	7	1,525	1,977	0	5	0	165	2,142	40	1,570
Vehicles	9,477	1,820	4,944	470			513									
Persons	9,477	3,640	15,064	5,640												
	HOV Restricted				HOV period											
	Period		Peak Hour		Peak Hour											
	5 Hours		(3:30 PM - 6:00 PM -		5:00 PM -											
			6:00 PM)		7:00 PM) 6:00 PM)											
Highway Passengers	39,515	25,187	6,570	10,294												
Rail Passengers	0	0	0	0												
Auto and Motorcycle Passengers	34,334	22,151	5,778	9,106												
Autos and Motorcycles	17,224	7,912	4,347	3,524												
Average Auto Occupancy (Includes Motorcycles)	1.99	2.80	1.33	2.58												

I-95 A
I-95 North of Newington (southbound)
Non-HOV Lane Totals
HOV Restriction Period 3:30 PM - 6:00 PM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC Riders		Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Van- pools Auto Occ.		Transit	Other	Trans	Other	+ Bus Pass.					
3:00 - 3:30	1,196	131	3	0	1.10	3.00	1	1,331	1,468	0	84	0	0	1,468	62	1,477	
3:30 - 4:00	1,456	141	6	0	1.10	3.33	1	1,604	1,759	0	76	0	0	1,759	81	1,761	
4:00 - 4:30	1,045	146	8	1	1.15	4.56	0	1,200	1,378	0	85	0	0	1,378	91	1,376	
4:30 - 5:00	829	107	7	1	1.15	4.75	0	944	1,081	0	99	0	0	1,081	59	1,102	
5:00 - 5:30	806	75	16	0	1.13	3.81	0	897	1,017	0	103	0	0	1,017	65	1,065	
5:30 - 6:00	1,362	133	4	2	1.11	7.33	1	1,502	1,673	0	120	0	0	1,673	81	1,703	
6:00 - 6:30	1,541	156	7	0	1.10	3.14	3	1,707	1,878	0	87	0	0	1,878	103	1,897	
6:30 - 7:00	1,566	158	17	1	1.12	3.83	0	1,742	1,951	0	78	0	0	1,951	88	1,908	
7:00 - 7:30	738	126	28	0	1.22	3.57	3	895	1,093	0	88	0	0	1,093	63	1,046	
7:30 - 8:00	979	107	23	2	1.17	4.24	1	1,112	1,300	0	56	0	0	1,300	122	1,290	
Vehicles	11,518	1,280	119	7			10										
Persons	11,518	2,560	426	84													

	HOV Restricted		HOV period	
	5 Hours Period (3:30 PM - 6:00 PM)	Peak Hour		5 Hours Period (5:00 PM - 6:00 PM)
		3:30 PM - 6:00 PM)	7:00 PM)	
Highway Passengers	14,598	6,908	3,829	2,690
Rail Passengers	0	0	0	0
Auto and Motorcycle Passengers	14,598	6,908	3,829	2,690
Autos and Motorcycles	12,934	6,147	3,449	2,399
Average Auto Occupancy (Includes Motorcycles)	1.13	1.12	1.11	1.12

I-95 B
I-95 South at Dumfries
Facility Total
HOV Restriction Period 3:30 PM - 6:00 PM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	1,955	308	151	3	1.27	3.20	17	2,434	3,081	0	4	0	122	3,203	229	2,667
3:30 - 4:00	2,029	296	394	34	1.53	3.74	25	2,778	4,245	0	3	0	93	4,338	170	2,951
4:00 - 4:30	2,085	310	372	55	1.59	4.19	31	2,853	4,525	0	13	0	401	4,926	163	3,029
4:30 - 5:00	1,584	344	149	37	1.51	4.90	21	2,135	3,204	0	5	0	157	3,361	135	2,275
5:00 - 5:30	1,480	248	328	86	1.87	4.90	26	2,168	4,031	0	10	0	308	4,339	112	2,290
5:30 - 6:00	1,585	321	527	51	1.78	3.81	57	2,541	4,488	0	18	0	570	5,058	125	2,684
6:00 - 6:30	1,790	235	391	9	1.46	3.22	32	2,457	3,578	0	16	0	500	4,078	195	2,668
6:30 - 7:00	2,202	212	14	7	1.13	6.19	23	2,458	2,779	0	7	0	233	3,012	201	2,666
7:00 - 7:30	1,955	264	8	6	1.16	7.07	19	2,252	2,601	0	7	0	215	2,816	232	2,491
7:30 - 8:00	1,644	251	11	5	1.17	5.94	9	1,920	2,250	0	7	0	215	2,465	242	2,169
Vehicles	18,309	2,789	2,345	293			260	23,996		0	90				1,804	25,890
Persons	18,309	5,578	7,119	3,516					34,782			0	2,814	37,596		

HOV Restricted

	5 Hour Period (3:30 PM - 6:00 PM)	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	37,596	22,022
Rail Passengers	0	0
Auto and Motorcycle Passengers	34,782	20,493
Autos and Motorcycles	23,996	12,475
Average Auto Occupancy (Includes Motorcycles)	1.45	1.64

I-95 B
I-95 South at Dumfries
HOV Total
HOV Restriction Period 3:30 PM - 6:00 PM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other	Bus Pass.			
3:00 - 3:30	269	25	142	1	1.73	3.07	9	446	767	0	3	0	87	854	0	449	
3:30 - 4:00	61	4	380	30	3.31	3.66	19	494	1,589	0	2	0	58	1,647	3	499	
4:00 - 4:30	84	4	346	51	3.61	4.18	21	506	1,771	0	9	0	261	2,032	3	518	
4:30 - 5:00	87	64	119	29	3.08	4.77	16	315	937	0	3	0	87	1,024	0	318	
5:00 - 5:30	98	7	293	69	3.91	4.73	17	484	1,843	0	7	0	203	2,046	0	491	
5:30 - 6:00	87	3	483	35	3.23	3.61	30	638	1,993	0	10	0	290	2,283	0	648	
6:00 - 6:30	226	20	365	4	2.29	3.10	9	624	1,418	0	10	0	290	1,708	0	634	
6:30 - 7:00	587	34	4	2	1.11	6.33	12	639	705	0	2	0	58	763	3	644	
7:00 - 7:30	526	67	0	5	1.20	12.00	9	607	729	0	5	0	145	874	2	614	
7:30 - 8:00	469	77	3	4	1.23	8.14	2	555	682	0	5	0	145	827	2	562	
Vehicles	2,494	305	2,135	230			144	5,308		0	56				13	5,377	
Persons	2,494	610	6,426	2,760					12,434			0	1,624	14,058			

HOV Restricted

5 Hour Period	Peak Hour	
	(3:30 PM - 6:00 PM)	(3:30 PM - 4:30 PM)
Highway Passengers	14,058	9,032
Rail Passengers	0	0
Auto and Motorcycle Passengers	12,434	8,133
Autos and Motorcycles	5,308	2,437
Average Auto Occupancy (Includes Motorcycles)	2.34	3.34

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

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders	Trucks	Total Vehicles
										Transit	Other	Trans	Other - Bus Pass.			
3:00 - 3:30	1,686	283	9	2	1.16	4.91	8	1,988	2,314	0	1	0	35	2,349	229	2,218
3:30 - 4:00	1,968	292	14	4	1.16	5.44	6	2,284	2,656	0	1	0	35	2,691	167	2,452
4:00 - 4:30	2,001	306	26	4	1.17	4.37	10	2,347	2,754	0	4	0	140	2,894	160	2,511
4:30 - 5:00	1,497	280	30	8	1.25	5.39	5	1,820	2,267	0	2	0	70	2,337	135	1,957
5:00 - 5:30	1,382	241	35	17	1.30	6.06	9	1,684	2,188	0	3	0	105	2,293	112	1,799
5:30 - 6:00	1,498	318	44	16	1.32	5.57	27	1,903	2,495	0	8	0	280	2,775	125	2,036
6:00 - 6:30	1,564	215	26	5	1.18	4.61	23	1,833	2,160	0	6	0	210	2,370	195	2,034
6:30 - 7:00	1,615	178	10	5	1.14	6.13	11	1,819	2,074	0	5	0	175	2,249	198	2,022
7:00 - 7:30	1,429	197	8	1	1.14	4.33	10	1,645	1,872	0	2	0	70	1,942	230	1,877
7:30 - 8:00	1,175	174	8	1	1.15	4.22	7	1,365	1,568	0	2	0	70	1,638	240	1,607
Vehicles	15,815	2,484	210	63			116	18,688		0	34				1,791	20,513
Persons	15,815	4,968	693	756					22,348			0	1,190	23,538		

HOV Restricted

	5 Hour Period (3:30 PM - 6:00 PM)	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	23,538	12,990
Rail Passengers	0	0
Auto and Motorcycle Passengers	22,348	12,360
Autos and Motorcycles	18,688	10,038
Average Auto Occupancy (Includes Motorcycles)	1.20	1.23

I-66 A
 I-66 West crossing the Theodore Roosevelt Bridge
 Facility Total
 No HOV Restrictions at this location
 Spring, 2007 - 23 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other					
3:00 - 3:30	2,264	77	2	4	1.05	9.00	10	2,357	2,482	0	0	0	0	2,482	128	2,485	
3:30 - 4:00	2,395	526	4	1	1.19	5.20	18	2,944	3,491	0	0	0	0	3,491	102	3,046	
4:00 - 4:30	2,127	483	12	9	1.23	7.05	27	2,658	3,268	0	1	0	0	3,268	95	2,754	
4:30 - 5:00	2,643	496	16	27	1.26	8.79	30	3,212	4,043	0	12	0	0	4,043	191	3,415	
5:00 - 5:30	2,553	629	33	15	1.27	5.85	39	3,269	4,131	0	1	0	0	4,131	158	3,428	
5:30 - 6:00	2,031	391	4	5	1.19	8.00	31	2,462	2,916	0	0	0	0	2,916	66	2,528	
6:00 - 6:30	1,946	372	8	2	1.18	5.10	13	2,341	2,754	0	0	0	0	2,754	46	2,387	
6:30 - 7:00	1,755	563	16	5	1.28	5.24	20	2,359	3,011	0	0	0	0	3,011	47	2,406	
7:00 - 7:30	2,209	439	10	9	1.21	7.42	29	2,696	3,257	0	0	0	0	3,257	79	2,775	
7:30 - 8:00	1,879	253	12	4	1.15	5.50	12	2,160	2,485	0	0	0	0	2,485	60	2,220	
Vehicles	21,802	4,229	117	81			229	26,458			0	14			972	27,444	
Persons	21,802	8,458	377	972					31,838				0	0	31,838		

	5 Hour	Peak Hour (6:00 PM - 7:00 PM)
Highway Passengers	31,838	5,765
Rail Passengers	0	0
Auto and Motorcycle Passengers	31,838	5,765
Autos and Motorcycles	26,458	4,700
Average Auto Occupancy (Includes Motorcycles)	1.20	1.23

I-66 C
I-66 West between Sycamore Street and Fairfax Drive
HOV Lane Totals
HOV Restriction Period 4:00 PM - 6:30 PM
Spring, 2007 - 17 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total		Rail				
										Transit	Other	Trans	Other			Vehicles	Metro	Comm.				
3:00 - 3:30	1,389	288	4	12	1.25	9.81	5	1,698	2,127	1	4	19	128	2,274	1	1,704	463	0				
3:30 - 4:00	1,170	639	13	6	1.40	5.89	5	1,833	2,565	1	11	22	352	2,939	3	1,848	843	0				
4:00 - 4:30	629	709	33	18	1.70	6.24	27	1,416	2,392	0	22	0	704	3,096	0	1,438	1,196	0				
4:30 - 5:00	670	615	23	18	1.65	6.98	40	1,366	2,226	0	11	0	352	2,578	1	1,378	1,561	0				
5:00 - 5:30	543	1,251	35	10	1.78	5.04	45	1,884	3,317	1	11	45	352	3,714	3	1,899	2,292	0				
5:30 - 6:00	625	1,070	17	3	1.66	4.35	17	1,732	2,869	1	15	56	480	3,405	2	1,750	2,330	0				
6:00 - 6:30	723	960	9	4	1.60	5.85	16	1,712	2,735	1	6	52	192	2,979	1	1,720	2,152	0				
6:30 - 7:00	1,311	549	8	2	1.31	4.90	8	1,878	2,466	0	5	0	160	2,626	0	1,883	1,555	0				
7:00 - 7:30	1,184	240	8	3	1.20	5.64	7	1,442	1,733	1	10	38	320	2,091	3	1,456	950	0				
7:30 - 8:00	1,233	252	16	8	1.25	6.33	2	1,511	1,891	1	7	20	224	2,135	5	1,524	617	0				
Vehicles	9,477	6,573	166	84			172															
Persons	9,477	13,146	518	1,008																		
HOV Restricted																						
	Period		Peak Hour																			
	5 Hours		(4:00 PM - 6:30 PM)		(5:00 PM - 6:00 PM)																	
Highway Passengers	27,837	15,772	7,119																			
Rail Passengers	13,959	9,531	4,622																			
Auto and Motorcycle Passengers	24,321	13,539	6,186																			
Autos and Motorcycles	16,472	8,110	3,616																			
Average Auto Occupancy (Includes Motorcycles)	1.48	1.67	1.71																			

I-66 E
 I-66 West between I-495 and VA 243
 Facility Total
 HOV Restriction Period 3:00 PM - 7:00 PM
 Spring 2007 - 22 May 2007

Time	1			Van-pools	3+Autos+		Motor-cycles (MC)	Total Auto		Bus Passengers				Total Auto Passengers + MC Riders		Total Vehicles		Rail		
	Autos	Autos	Autos		Avg. Auto Occ.	Auto Occ.		Van-pools + MC	Persons + MC Riders	Transit	Other	Trans	Other	+ Bus Pass.	Trucks	Vehicles	Metro	Comm.		
3:00 - 3:30	2,263	589	21	11	1.26	6.16	4	2,888	3,660	9	9	0	192	3,852	53	2,959	141	0		
3:30 - 4:00	2,399	595	22	12	1.26	6.24	4	3,032	3,823	4	11	0	192	4,015	41	3,088	513	0		
4:00 - 4:30	2,237	546	21	29	1.32	8.24	13	2,846	3,760	13	17	0	256	4,016	35	2,911	1,051	0		
4:30 - 5:00	2,205	936	57	20	1.40	5.43	6	3,224	4,548	10	12	0	256	4,804	43	3,289	1,151	0		
5:00 - 5:30	2,784	807	87	13	1.31	4.46	1	3,692	4,878	10	8	0	224	5,102	43	3,753	1,746	0		
5:30 - 6:00	2,716	659	63	13	1.27	4.74	5	3,456	4,428	8	6	0	96	4,524	30	3,500	1,729	0		
6:00 - 6:30	3,160	615	27	8	1.20	5.11	3	3,813	4,592	7	11	0	192	4,784	42	3,873	1,517	0		
6:30 - 7:00	3,004	736	35	10	1.24	5.22	6	3,791	4,726	8	6	0	128	4,854	31	3,836	1,553	0		
7:00 - 7:30	2,964	748	63	4	1.25	3.72	7	3,786	4,725	7	3	0	32	4,757	59	3,855	743	0		
7:30 - 8:00	2,689	527	79	8	1.24	4.01	13	3,316	4,107	2	5	0	96	4,203	46	3,369	481	0		
Vehicles	26,421	6,758	475	128			62	33,844		78	88				423	34,433		0		
Persons	26,421	13,516	3,057	1,536					22,578			0	544	44,911			6,023	0		
HOV Restricted																				
	Period		Peak Hour																	
	5 Hours		(3:00 PM - 7:00 PM)	(6:00 PM - 7:00 PM)																
Highway Passengers	44,911	35,951	9,638																	
Rail Passengers	10,625	9,401	3,070																	
Auto and Motorcycle Passengers	43,247	34,415	9,318																	
Autos and Motorcycles	33,844	26,742	7,604																	
Average Auto Occupancy (Includes Motorcycles)	1.28	1.29	1.23																	

I-66 E
 I-66 West between I-495 and VA 243
 HOV Lane Totals
 HOV Restriction Period 3:00 PM - 7:00 PM
 Spring 2007 - 22 May 2007

Time	1			Van-pools	3+Autos+		Motor-cycles (MC)	Total Auto		Total Auto Passengers + MC Riders				Total Vehicles		Rail		
	Autos	Autos	Autos		Avg. Auto Occ.	Auto Occ.		Van-pools + MC	Persons + MC Riders	Buses Transit	Buses Other	Bus Passengers Trans	Bus Passengers Other	+ Bus Pass.	Trucks	Metro	Comm.	
3:00 - 3:30	129	370	12	8	1.93	6.60	1	520	1,017	1	6	0	192	1,209	1	528	141	0
3:30 - 4:00	98	367	16	5	1.93	5.14	0	486	957	1	6	0	192	1,149	0	493	513	0
4:00 - 4:30	103	303	11	19	2.23	8.73	6	442	980	0	8	0	256	1,236	6	456	1,051	0
4:30 - 5:00	101	548	35	13	2.10	5.52	2	699	1,488	0	8	0	256	1,744	2	709	1,151	0
5:00 - 5:30	142	347	40	8	1.97	4.58	0	537	1,068	0	7	0	224	1,292	0	544	1,746	0
5:30 - 6:00	74	277	19	5	1.99	4.88	0	375	753	0	3	0	96	849	0	378	1,729	0
6:00 - 6:30	119	206	6	2	1.72	5.25	0	333	578	0	6	0	192	770	0	339	1,517	0
6:30 - 7:00	197	271	8	4	1.69	6.08	5	485	818	0	4	0	128	946	5	494	1,553	0
7:00 - 7:30	382	143	9	1	1.32	4.00	2	537	710	0	1	0	32	742	2	540	743	0
7:30 - 8:00	518	161	52	5	1.44	3.81	2	738	1,067	0	3	0	96	1,163	2	743	481	0
Vehicles	1,863	2,993	208	70			18											
Persons	1,863	5,986	636	840														

HOV Restricted

	Period	Peak Hour
5 Hours	(3:00 PM - 7:00 PM)	(6:00 PM - 7:00 PM)
Highway Passengers	11,100	9,195
Rail Passengers	10,625	9,401
Auto and Motorcycle Passengers	9,436	7,659
Autos and Motorcycles	5,152	3,877
Average Auto Occupancy (Includes Motorcycles)	1.83	1.98

I-66 E
 I-66 West between I-495 and VA 243
 Non-HOV Lane Totals
 HOV Restriction Period 3:00 PM - 7:00 PM
 Spring 2007 - 22 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+ Avg. Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC Riders	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles	Rail		
									Transit	Other	Trans	Other				Metro	Comm.	
3:00 - 3:30	2,134	219	9	3	1.12	5.42	3	2,368	2,643	8	3	0	0	2,643	110	2,489	0	0
3:30 - 4:00	2,301	228	6	7	1.13	8.00	4	2,546	2,866	3	5	0	0	2,866	105	2,659	0	0
4:00 - 4:30	2,134	243	10	10	1.16	7.50	7	2,404	2,780	13	9	0	0	2,780	85	2,511	0	0
4:30 - 5:00	2,104	388	22	7	1.20	5.28	4	2,525	3,060	10	4	0	0	3,060	89	2,628	0	0
5:00 - 5:30	2,642	460	47	5	1.20	4.35	1	3,155	3,810	10	1	0	0	3,810	76	3,242	0	0
5:30 - 6:00	2,642	382	44	8	1.19	4.67	5	3,081	3,675	8	3	0	0	3,675	67	3,159	0	0
6:00 - 6:30	3,041	409	21	6	1.15	5.07	3	3,480	4,014	7	5	0	0	4,014	90	3,582	0	0
6:30 - 7:00	2,807	465	27	6	1.18	4.91	1	3,306	3,908	8	2	0	0	3,908	68	3,384	0	0
7:00 - 7:30	2,582	605	54	3	1.23	3.67	5	3,249	4,015	7	2	0	0	4,015	104	3,362	0	0
7:30 - 8:00	2,171	366	27	3	1.18	4.40	11	2,578	3,040	2	2	0	0	3,040	77	2,659	0	0
Vehicles	24,558	3,765	267	58			44											
Persons	24,558	7,530	885	696														
HOV Restricted																		
	Period		Peak Hour															
	5 Hours		(3:00 PM - 7:00 PM)		(6:00 PM - 7:00 PM)													
Highway Passengers	33,811	26,756	7,922															
Rail Passengers	0	0	0															
Auto and Motorcycle Passengers	33,811	26,756	7,922															
Autos and Motorcycles	28,692	22,865	6,786															
Average Auto Occupancy (Includes Motorcycles)	1.18	1.17	1.17															

I-66 G
 I-66 West between U.S. 50 and Monument Drive
 Facility Total
 HOV Restriction Period 3:00 PM - 7:00 PM
 Spring, 2007 - 23 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC Riders		Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other	Trans	Other	+ Bus Pass.					
3:00 - 3:30	2,264	77	2	4	1.05	9.00	10	2,357	2,482	1	3	4	68	2,554	128	2,489	
3:30 - 4:00	2,395	526	4	1	1.19	5.20	18	2,944	3,491	1	4	10	34	3,535	102	3,051	
4:00 - 4:30	2,127	483	12	9	1.23	7.05	27	2,658	3,268	0	1	0	0	3,268	95	2,754	
4:30 - 5:00	2,643	496	16	27	1.26	8.79	30	3,212	4,043	0	3	0	102	4,145	191	3,406	
5:00 - 5:30	2,553	629	33	15	1.27	5.85	39	3,269	4,131	0	1	0	34	4,165	158	3,428	
5:30 - 6:00	2,031	391	4	5	1.19	8.00	31	2,462	2,916	0	11	0	306	3,222	66	2,539	
6:00 - 6:30	1,946	372	8	2	1.18	5.10	13	2,341	2,754	0	5	0	170	2,924	46	2,392	
6:30 - 7:00	1,755	563	16	5	1.28	5.24	20	2,359	3,011	0	2	0	68	3,079	47	2,408	
7:00 - 7:30	2,209	439	10	9	1.21	7.42	29	2,696	3,257	0	1	0	0	3,257	79	2,776	
7:30 - 8:00	1,879	253	12	4	1.15	5.50	12	2,160	2,485	1	1	7	34	2,526	60	2,222	
Vehicles	21,802	4,229	117	81			229	26,458		3	32				972	27,465	
Persons	21,802	8,458	377	972					31,838			21	816	32,675			

HOV Restricted

	Period Peak Hour		
	5 Hour (3:00 PM - 7:00 PM)	(5:00 PM - 7:00 PM)	Peak Hour (6:00 PM)
Highway Passengers	32,675	26,892	7,387
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	31,838	26,096	7,047
Autos and Motorcycles	26,458	21,602	5,731
Average Auto Occupancy (Includes Motorcycles)	1.20	1.21	1.23

I-66 G
 I-66 West between U.S. 50 and Monument Drive
 HOV Total
 HOV Restriction Period 3:00 PM - 7:00 PM
 Spring, 2007 - 23 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	386	38	0	1	1.12	12.00	7	432	481	1	2	4	68	553	4	439
3:30 - 4:00	114	488	1	1	1.83	8.00	15	619	1,121	1	1	10	34	1,165	6	627
4:00 - 4:30	135	373	7	5	1.85	6.92	15	535	979	2	0	40	0	1,019	5	542
4:30 - 5:00	296	257	7	11	1.69	8.67	20	591	986	4	3	66	102	1,154	5	603
5:00 - 5:30	155	355	12	7	1.86	6.32	22	551	1,007	3	1	79	34	1,120	3	558
5:30 - 6:00	186	348	3	3	1.72	7.50	24	564	951	5	9	188	306	1,445	9	587
6:00 - 6:30	159	331	6	1	1.72	4.71	10	507	864	4	5	138	170	1,172	5	521
6:30 - 7:00	121	447	0	1	1.80	12.00	14	583	1,041	4	2	110	68	1,219	6	595
7:00 - 7:30	564	208	1	1	1.29	7.50	13	787	1,008	2	0	53	0	1,061	2	791
7:30 - 8:00	483	81	2	0	1.15	3.00	3	569	654	1	1	7	34	695	2	573
Vehicles	2,599	2,926	39	31			143	5,738		27	24				47	5,836
Persons	2,599	5,852	126	372					9,092			695	816	10,603		

HOV Restricted

	Period Peak Hour		
	5 Hour (3:00 PM - 7:00 PM)	(5:00 PM - 6:00 PM)	
Highway Passengers	10,603	8,847	2,565
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,092	7,430	1,958
Autos and Motorcycles	5,738	4,382	1,115
Average Auto Occupancy (Includes Motorcycles)	1.58	1.70	1.76

I-66 G

I-66 West between Monument Drive and Rt 7100

Conventional Total

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

Spring, 2007 - 23 May 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Buses Transit	Other	Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		+ MC	+ MC			Trans	Other			
3:00 - 3:30	1,878	39	2	3	1.04	8.40	3	1,925	2,001	0	1	0	0	2,001	124	2,050
3:30 - 4:00	2,281	38	3	0	1.02	3.33	3	2,325	2,370	0	3	0	0	2,370	96	2,424
4:00 - 4:30	1,992	110	5	4	1.08	7.22	12	2,123	2,289	0	1	0	0	2,289	90	2,214
4:30 - 5:00	2,347	239	9	16	1.17	8.88	10	2,621	3,057	0	0	0	0	3,057	186	2,807
5:00 - 5:30	2,398	274	21	8	1.15	5.55	17	2,718	3,124	0	0	0	0	3,124	155	2,873
5:30 - 6:00	1,845	43	1	2	1.04	9.00	7	1,898	1,965	0	2	0	0	1,965	57	1,957
6:00 - 6:30	1,787	41	2	1	1.03	6.00	3	1,834	1,890	0	0	0	0	1,890	41	1,875
6:30 - 7:00	1,634	116	16	4	1.11	4.90	6	1,776	1,970	0	0	0	0	1,970	41	1,817
7:00 - 7:30	1,645	231	9	8	1.18	7.41	16	1,909	2,249	0	1	0	0	2,249	77	1,987
7:30 - 8:00	1,396	172	10	4	1.15	5.86	9	1,591	1,831	0	0	0	0	1,831	58	1,649
Vehicles	19,203	1,303	78	50			86	20,720		0	8				925	21,653
Persons	19,203	2,606	251	600					22,746			0	0	22,746		

HOV Restricted

	Period		Peak Hour
	5 Hour (3:00 PM - 7:00 PM)	(5:00 PM - 7:00 PM)	(6:00 PM)
Highway Passengers	22,746	18,666	5,089
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	22,746	18,666	5,089
Autos and Motorcycles	20,720	17,220	4,616
Average Auto Occupancy (Includes Motorcycles)	1.10	1.08	1.10

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	3+Autos+		Motor-cycles (MC)	Total Autos		Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Van-pools + MC	Transit		Other	Trans	Other				
3:00 - 3:30	2,279	616	18	5	1.25	5.30	30	2,948	3,663	0	1	0	21	3,684	138	3,087	
3:30 - 4:00	2,485	818	9	3	1.26	5.67	23	3,338	4,212	0	0	0	0	4,212	162	3,500	
4:00 - 4:30	2,072	647	31	18	1.33	6.53	21	2,789	3,707	0	3	0	60	3,767	155	2,947	
4:30 - 5:00	2,059	404	57	25	1.32	6.01	15	2,560	3,375	0	1	0	34	3,409	126	2,687	
5:00 - 5:30	2,064	446	53	20	1.31	5.71	17	2,600	3,390	0	3	0	102	3,492	80	2,683	
5:30 - 6:00	2,640	589	43	18	1.27	5.79	21	3,311	4,192	0	3	0	102	4,294	114	3,428	
6:00 - 6:30	2,697	520	25	12	1.22	6.00	23	3,277	3,982	0	2	0	68	4,050	84	3,363	
6:30 - 7:00	1,790	306	31	5	1.20	4.53	67	2,199	2,632	0	2	0	68	2,700	68	2,269	
7:00 - 7:30	1,902	241	52	9	1.21	4.46	14	2,218	2,670	0	1	0	21	2,691	75	2,294	
7:30 - 8:00	1,447	369	48	4	1.28	3.79	14	1,882	2,396	0	1	0	34	2,430	65	1,948	
Vehicles	21,435	4,956	367	119			245	27,122		0	17				1,067	28,206	
Persons	21,435	9,912	1,199	1,428					34,219			0	510	34,729			

HOV Restricted

	Period		Peak Hour
	5 Hour (3:00 PM - 7:00 PM)	(5:00 PM - 7:00 PM)	(6:00 PM)
Highway Passengers	34,729	29,608	7,786
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	34,219	29,153	7,582
Autos and Motorcycles	27,122	23,022	5,911
Average Auto Occupancy (Includes Motorcycles)	1.26	1.27	1.28

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Van-pools + MC	Riders	Transit	Other	Trans	Other	+ Bus Pass.			
3:00 - 3:30	161	522	11	5	1.86	5.81	25	724	1,323	0	1	0	21	1,344	7	732	
3:30 - 4:00	68	709	7	3	1.96	5.90	20	807	1,565	0	0	0	0	1,565	12	819	
4:00 - 4:30	69	533	16	10	2.08	6.58	18	646	1,324	0	3	0	60	1,384	6	655	
4:30 - 5:00	159	308	31	13	2.01	5.70	11	522	1,037	0	1	0	34	1,071	0	523	
5:00 - 5:30	152	369	32	6	1.91	4.63	15	574	1,081	0	3	0	102	1,183	1	578	
5:30 - 6:00	159	472	34	5	1.90	4.31	17	687	1,288	0	3	0	102	1,390	11	701	
6:00 - 6:30	116	402	22	4	1.91	4.50	23	567	1,060	0	2	0	68	1,128	9	578	
6:30 - 7:00	197	177	10	1	1.55	4.09	13	398	609	0	2	0	68	677	6	406	
7:00 - 7:30	378	114	32	0	1.34	3.00	10	534	712	0	0	0	0	712	5	539	
7:30 - 8:00	382	119	22	1	1.34	3.52	9	533	710	0	1	0	34	744	0	534	
Vehicles	1,841	3,725	217	48			161	5,992		0	16				57	6,065	
Persons	1,841	7,450	681	576					10,709			0	489	11,198			

HOV Restricted

	Period 5 Hour (3:00 PM - 7:00 PM)	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	11,198	2,573
Rail Passengers	0	0
Auto and Motorcycle Passengers	10,709	2,369
Autos and Motorcycles	5,992	1,261
Average Auto Occupancy (Includes Motorcycles)	1.79	1.88

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	3+Autos+		Motor-cycles (MC)	Total Autos		Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		+ MC	Van-pools + MC		Transit	Other	Trans	Other			
3:00 - 3:30	2,118	94	7	0	1.05	4.14	5	2,224	2,340	0	0	0	0	2,340	131	2,355	
3:30 - 4:00	2,417	109	2	0	1.05	4.50	3	2,531	2,647	0	0	0	0	2,647	150	2,681	
4:00 - 4:30	2,003	114	15	8	1.11	6.48	3	2,143	2,383	0	0	0	0	2,383	149	2,292	
4:30 - 5:00	1,900	96	26	12	1.15	6.37	4	2,038	2,338	0	0	0	0	2,338	126	2,164	
5:00 - 5:30	1,912	77	21	14	1.14	6.89	2	2,026	2,309	0	0	0	0	2,309	79	2,105	
5:30 - 6:00	2,481	117	9	13	1.11	8.41	4	2,624	2,904	0	0	0	0	2,904	103	2,727	
6:00 - 6:30	2,581	118	3	8	1.08	9.55	0	2,710	2,922	0	0	0	0	2,922	75	2,785	
6:30 - 7:00	1,593	129	21	4	1.13	4.72	54	1,801	2,023	0	0	0	0	2,023	62	1,863	
7:00 - 7:30	1,524	127	20	9	1.16	6.07	4	1,684	1,958	0	1	0	21	1,979	70	1,755	
7:30 - 8:00	1,065	250	26	3	1.25	4.00	5	1,349	1,686	0	0	0	0	1,686	65	1,414	
Vehicles	19,594	1,231	150	71			84	21,130		0	1				1,010	22,141	
Persons	19,594	2,462	518	852					23,510			0	21	23,531			

HOV Restricted

	Period		Peak Hour
	5 Hour (3:00 PM - 7:00 PM)	(5:00 PM - 7:00 PM)	(6:00 PM)
Highway Passengers	23,531	19,866	5,213
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	23,510	19,866	5,213
Autos and Motorcycles	21,130	18,097	4,650
Average Auto Occupancy (Includes Motorcycles)	1.11	1.10	1.12

I-270 A
 I-270 North between MD 187 and the "Split"
 Facility Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	1,282	247	27	13	1.29	6.05	7	1,576	2,025	0	5	0	105	2,130	69	1,650
3:30 - 4:00	1,727	737	85	25	1.48	5.43	4	2,578	3,802	2	3	18	63	3,883	98	2,681
4:00 - 4:30	1,665	579	85	29	1.46	5.39	17	2,375	3,455	1	7	9	147	3,611	65	2,448
4:30 - 5:00	1,670	627	84	7	1.37	3.69	6	2,394	3,266	2	4	18	84	3,368	55	2,455
5:00 - 5:30	1,620	413	29	3	1.25	3.97	4	2,069	2,577	2	3	19	63	2,659	33	2,107
5:30 - 6:00	1,931	622	41	14	1.33	5.38	4	2,612	3,475	2	3	42	63	3,580	29	2,646
6:00 - 6:30	2,060	443	30	17	1.27	6.40	8	2,558	3,255	1	1	14	21	3,290	34	2,594
6:30 - 7:00	1,768	470	30	8	1.29	6.11	7	2,283	2,947	1	2	7	42	2,996	44	2,330
7:00 - 7:30	1,395	298	17	1	1.22	5.17	13	1,724	2,097	0	1	0	21	2,118	32	1,757
7:30 - 8:00	1,559	273	20	4	1.20	5.13	28	1,884	2,256	0	2	0	42	2,298	64	1,950
Vehicles	16,677	4,709	448	121			98	22,053		11	31				523	22,618
Persons	16,677	9,418	1,510	1,452					29,155			127	651	29,933		

HOV Restricted

	Period Peak Hour		
	5 Hour (3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	6:30 PM
Highway Passengers	29,933	20,391	6,870
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,155	19,830	6,730
Autos and Motorcycles	22,053	14,586	5,170
Average Auto Occupancy (Includes Motorcycles)	1.32	1.36	1.30

I-270 A
 I-270 North between MD 187 and the "Split"
 HOV Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	538	137	7	2	1.25	5.00	2	686	859	0	3	0	63	922	5	694
3:30 - 4:00	290	450	4	5	1.68	8.00	2	751	1,264	2	2	18	42	1,324	6	761
4:00 - 4:30	147	381	31	8	1.94	4.90	5	572	1,105	1	4	9	84	1,198	4	581
4:30 - 5:00	118	502	76	5	2.01	3.56	0	701	1,410	2	2	18	42	1,470	1	706
5:00 - 5:30	11	128	10	0	1.99	3.00	2	151	299	2	1	19	21	339	3	157
5:30 - 6:00	79	533	29	2	1.95	3.58	3	646	1,259	2	2	42	42	1,343	4	654
6:00 - 6:30	195	309	20	4	1.75	4.71	8	536	934	1	0	14	0	948	0	537
6:30 - 7:00	464	146	3	1	1.32	14.25	0	614	813	1	1	7	21	841	3	619
7:00 - 7:30	334	107	2	0	1.31	16.00	5	448	585	0	0	0	0	585	1	449
7:30 - 8:00	329	85	4	1	1.28	7.40	16	435	552	0	0	0	0	552	1	436
Vehicles	2,505	2,778	186	28			43	5,540		11	15				28	5,594
Persons	2,505	5,556	640	336					9,080			127	315	9,522		

HOV Restricted

	Period Peak Hour		
	5 Hour (3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	
Highway Passengers	9,522	6,622	2,291
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,080	6,271	2,193
Autos and Motorcycles	5,540	3,357	1,182
Average Auto Occupancy (Includes Motorcycles)	1.64	1.87	1.86

I-270 A
 I-270 North between MD 187 and the "Split"
 Conventional Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	744	110	20	11	1.31	6.35	5	890	1,166	0	2	0	42	1,208	64	956
3:30 - 4:00	1,437	287	81	20	1.39	5.20	2	1,827	2,538	0	1	0	21	2,559	92	1,920
4:00 - 4:30	1,518	198	54	21	1.31	5.65	12	1,803	2,350	0	3	0	63	2,413	61	1,867
4:30 - 5:00	1,552	125	8	2	1.10	4.80	6	1,693	1,856	0	2	0	42	1,898	54	1,749
5:00 - 5:30	1,609	285	19	3	1.19	4.41	2	1,918	2,278	0	2	0	42	2,320	30	1,950
5:30 - 6:00	1,852	89	12	12	1.13	7.71	1	1,966	2,216	0	1	0	21	2,237	25	1,992
6:00 - 6:30	1,865	134	10	13	1.15	8.17	0	2,022	2,321	0	1	0	21	2,342	34	2,057
6:30 - 7:00	1,304	324	27	7	1.28	5.15	7	1,669	2,134	0	1	0	21	2,155	41	1,711
7:00 - 7:30	1,061	191	15	1	1.19	3.81	8	1,276	1,512	0	1	0	21	1,533	31	1,308
7:30 - 8:00	1,230	188	16	3	1.18	4.53	12	1,449	1,704	0	2	0	42	1,746	63	1,514
Vehicles	14,172	1,931	262	93			55	16,513		0	16				495	17,024
Persons	14,172	3,862	870	1,116					20,075			0	336	20,411		

HOV Restricted

	Period Peak Hour		
	5 Hour (3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	6:30 PM)
Highway Passengers	20,411	13,769	4,579
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	20,075	13,559	4,537
Autos and Motorcycles	16,513	11,229	3,988
Average Auto Occupancy (Includes Motorcycles)	1.22	1.21	1.14

I-270 A
 I-270 North between MD 187 and the "Split"
 Facility Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	2,726	554	52	36	1.49	4.81	17	3,385	5,017	0	7	0	147	5,164	131	3,523
3:30 - 4:00	3,347	1,368	171	61	1.46	3.67	15	4,962	7,262	2	9	18	189	7,469	187	5,160
4:00 - 4:30	3,314	1,124	149	66	1.39	4.00	34	4,687	6,499	1	24	9	504	7,012	123	4,835
4:30 - 5:00	3,338	1,098	98	17	1.30	3.96	18	4,569	5,928	2	11	18	231	6,177	109	4,691
5:00 - 5:30	3,268	1,119	73	9	1.16	2.90	10	4,479	5,184	2	5	19	105	5,308	62	4,548
5:30 - 6:00	3,810	1,089	88	33	1.33	4.15	9	5,029	6,701	2	5	42	105	6,848	55	5,091
6:00 - 6:30	3,951	1,054	75	42	1.31	5.08	12	5,134	6,721	5	6	49	126	6,896	73	5,218
6:30 - 7:00	3,391	1,310	84	20	1.34	3.86	19	4,824	6,456	2	3	12	63	6,531	84	4,913
7:00 - 7:30	3,131	590	32	2	1.20	4.47	25	3,780	4,517	3	5	12	105	4,634	63	3,851
7:30 - 8:00	3,218	529	36	8	1.06	4.25	42	3,833	4,063	0	4	0	84	4,147	126	3,963
Vehicles	33,494	9,835	858	294			201	44,682		19	79				1,013	45,793
Persons	37,330	16,194	2,131	2,532					58,348			179	1,659	60,186		

HOV Restricted

5 Hour Period	Peak Hour	
	(3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)
Highway Passengers	60,186	39,710
Rail Passengers	0	0
Auto and Motorcycle Passengers	58,348	38,295
Autos and Motorcycles	44,682	28,860
Average Auto Occupancy (Includes Motorcycles)	1.31	1.33

I-270 A
 I-270 North between MD 187 and the "Split"
 HOV Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	Avg. Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motorcycles (MC)	Total Autos Van-pools + MC	Total Auto Persons + MC Riders	Buses Transit	Other	Bus Passengers Trans	Other	Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
3:00 - 3:30	1,238	334	12	14	1.32	7.96	7	1,605	2,120	0	3	0	63	2,183	3	1,611
3:30 - 4:00	473	794	9	21	1.80	9.30	11	1,308	2,351	2	7	18	147	2,516	3	1,320
4:00 - 4:30	278	728	41	24	2.00	6.35	10	1,081	2,157	1	18	9	378	2,544	1	1,101
4:30 - 5:00	234	848	82	13	1.98	4.25	6	1,183	2,340	2	7	18	147	2,505	1	1,193
5:00 - 5:30	50	549	35	3	2.02	3.71	6	643	1,295	2	1	19	21	1,335	2	648
5:30 - 6:00	106	911	64	9	2.04	4.11	7	1,097	2,235	2	3	42	63	2,340	5	1,107
6:00 - 6:30	221	786	55	16	2.00	5.10	12	1,090	2,167	5	4	49	84	2,300	5	1,104
6:30 - 7:00	783	662	30	6	1.56	5.56	5	1,486	2,312	2	1	12	21	2,345	2	1,491
7:00 - 7:30	1,009	208	2	0	1.20	16.00	9	1,228	1,466	3	3	12	63	1,541	1	1,235
7:30 - 8:00	758	153	4	2	1.21	8.17	18	935	1,131	0	0	0	0	1,131	0	935
Vehicles	5,150	5,973	334	108			91	11,656		19	47				23	11,745
Persons	5,150	11,946	1,091	1,296					19,574			179	987	20,740		

HOV Restricted

	5 Hour Period (3:30 PM - 6:30 PM)	Peak Hour (5:30 PM - 6:30 PM)
Highway Passengers	20,740	4,640
Rail Passengers	0	0
Auto and Motorcycle Passengers	19,574	4,402
Autos and Motorcycles	11,656	2,187
Average Auto Occupancy (Includes Motorcycles)	1.68	2.01

I-270 A
 I-270 North between MD 187 and the "Split"
 Conventional Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Van- pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	1,488	220	40	22	1.63	3.48	10	1,780	2,897	0	4	0	84	2,981	128	1,912
3:30 - 4:00	2,874	574	162	40	1.34	2.84	4	3,654	4,911	0	2	0	42	4,953	184	3,840
4:00 - 4:30	3,036	396	108	42	1.21	2.97	24	3,606	4,342	0	6	0	126	4,468	122	3,734
4:30 - 5:00	3,104	250	16	4	1.06	2.55	12	3,386	3,588	0	4	0	84	3,672	108	3,498
5:00 - 5:30	3,218	570	38	6	1.01	2.20	4	3,836	3,889	0	4	0	84	3,973	60	3,900
5:30 - 6:00	3,704	178	24	24	1.14	4.21	2	3,932	4,466	0	2	0	42	4,508	50	3,984
6:00 - 6:30	3,730	268	20	26	1.13	5.04	0	4,044	4,554	0	2	0	42	4,596	68	4,114
6:30 - 7:00	2,608	648	54	14	1.24	2.96	14	3,338	4,144	0	2	0	42	4,186	82	3,422
7:00 - 7:30	2,122	382	30	2	1.20	3.75	16	2,552	3,051	0	2	0	42	3,093	62	2,616
7:30 - 8:00	2,460	376	32	6	1.02	3.63	24	2,898	2,932	0	4	0	84	3,016	126	3,028
Vehicles	28,344	3,862	524	186			110	33,026		0	32				990	34,048
Persons	32,180	4,248	1,040	1,236					38,774			0	672	39,446		

HOV Restricted

	Period Peak Hour		
	5 Hour (3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	6:30 PM)
Highway Passengers	39,446	26,170	9,104
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	38,774	25,750	9,020
Autos and Motorcycles	33,026	22,458	7,976
Average Auto Occupancy (Includes Motorcycles)	1.17	1.15	1.13

I-270 B
 I-270 North between Montrose Road and MD 189
 Facility Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	3+Autos+		Motor-cycles (MC)	Total Autos + MC		Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other	+ Bus Pass.					
3:00 - 3:30	4,371	327	18	6	1.09	5.50	12	4,734	5,169		0	10	0	210	5,379	169	4,913	
3:30 - 4:00	4,991	678	46	20	1.17	5.77	19	5,754	6,747		2	16	18	336	7,101	176	5,948	
4:00 - 4:30	4,240	532	24	12	1.15	6.36	19	4,827	5,552		1	26	9	546	6,107	91	4,945	
4:30 - 5:00	3,974	772	60	28	1.25	5.97	24	4,858	6,067		2	15	18	315	6,400	108	4,983	
5:00 - 5:30	4,352	721	39	18	1.20	6.12	26	5,156	6,169		2	10	19	210	6,398	67	5,235	
5:30 - 6:00	4,114	579	46	10	1.17	4.82	11	4,760	5,553		2	7	42	147	5,742	42	4,811	
6:00 - 6:30	4,360	376	37	12	1.12	5.39	12	4,797	5,388		1	7	14	147	5,549	44	4,849	
6:30 - 7:00	3,718	455	19	10	1.15	6.45	6	4,208	4,821		1	6	7	126	4,954	50	4,265	
7:00 - 7:30	4,113	293	16	5	1.09	5.29	12	4,439	4,822		0	12	0	252	5,074	78	4,529	
7:30 - 8:00	3,308	202	6	7	1.08	8.08	6	3,529	3,823		0	5	0	105	3,928	70	3,604	
Vehicles	41,541	4,935	311	128			147	47,062			11	114				895	48,082	
Persons	41,541	9,870	1,017	1,536					54,111				127	2,394	56,632			

HOV Restricted
 Period Peak Hour
 5 Hour (3:30 PM - (5:30 PM -
 6:30 PM) - 6:30 PM)

Highway Passengers	56,632	37,297	11,291
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	54,111	35,476	10,941
Autos and Motorcycles	47,062	30,152	9,557
Average Auto Occupancy (Includes Motorcycles)	1.15	1.18	1.14

I-270 B
I-270 North between Montrose Road and MD 189
HOV Total
HOV Restriction Period: 3:30 PM - 6:30 PM
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	Avg. Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor-cycles (MC)	Total Autos Van-pools + MC	Total Auto Persons + MC Riders	Buses Transit	Other	Bus Passengers Trans	Other	Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
3:00 - 3:30	663	105	6	3	1.19	6.11	10	787	938	0	7	0	147	1,085	0	794
3:30 - 4:00	354	331	6	16	1.74	9.59	11	718	1,238	2	9	18	189	1,445	1	730
4:00 - 4:30	194	426	19	9	1.88	6.25	11	659	1,232	1	24	9	504	1,745	1	685
4:30 - 5:00	115	521	33	19	2.16	6.33	16	704	1,502	2	11	18	231	1,751	2	719
5:00 - 5:30	149	474	20	4	1.87	4.79	16	663	1,228	2	5	19	105	1,352	6	676
5:30 - 6:00	109	352	19	2	1.86	3.90	6	488	901	2	5	42	105	1,048	5	500
6:00 - 6:30	254	160	5	6	1.56	8.09	9	434	672	1	6	14	126	812	0	441
6:30 - 7:00	355	198	6	3	1.43	6.11	0	562	806	1	3	7	63	876	0	566
7:00 - 7:30	565	140	8	2	1.25	4.90	4	719	898	0	5	0	105	1,003	3	727
7:30 - 8:00	388	78	1	1	1.19	7.50	3	471	562	0	4	0	84	646	0	475
Vehicles	3,146	2,785	123	65			86	6,205	9,977	11	79				18	6,313
Persons	3,146	5,570	395	780								127	1,659	11,763		

HOV Restricted

Period Peak Hour
5 Hour (3:30 PM - (5:30 PM - 6:30 PM) - 6:30 PM)

Highway Passengers	11,763	8,153	1,860
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	9,977	6,773	1,573
Autos and Motorcycles	6,205	3,666	922
Average Auto Occupancy (Includes Motorcycles)	1.61	1.85	1.71

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other	+ Bus Pass.					
3:00 - 3:30	3,708	222	12	3	1.07	5.13	2	3,947	4,231	0	3	0	63	4,294	169	4,119		
3:30 - 4:00	4,637	347	40	4	1.09	3.86	8	5,036	5,509	0	7	0	147	5,656	175	5,218		
4:00 - 4:30	4,046	106	5	3	1.04	6.75	8	4,168	4,320	0	2	0	42	4,362	90	4,260		
4:30 - 5:00	3,859	251	27	9	1.10	5.44	8	4,154	4,565	0	4	0	84	4,649	106	4,264		
5:00 - 5:30	4,203	247	19	14	1.10	7.09	10	4,493	4,941	0	5	0	105	5,046	61	4,559		
5:30 - 6:00	4,005	227	27	8	1.09	5.37	5	4,272	4,652	0	2	0	42	4,694	37	4,311		
6:00 - 6:30	4,106	216	32	6	1.08	4.61	3	4,363	4,716	0	1	0	21	4,737	44	4,408		
6:30 - 7:00	3,363	257	13	7	1.10	6.60	6	3,646	4,015	0	3	0	63	4,078	50	3,699		
7:00 - 7:30	3,548	153	8	3	1.05	5.64	8	3,720	3,924	0	7	0	147	4,071	75	3,802		
7:30 - 8:00	2,920	124	5	6	1.07	8.18	3	3,058	3,261	0	1	0	21	3,282	70	3,129		
Vehicles	38,395	2,150	188	63			61	40,857		0	35				877	41,769		
Persons	38,395	4,300	622	756					44,134			0	735	44,869				

HOV Restricted
 Period Peak Hour
 5 Hour (3:30 PM - (5:30 PM -
 6:30 PM) - 6:30 PM)

Highway Passengers	44,869	29,144	9,431
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	44,134	28,703	9,368
Autos and Motorcycles	40,857	26,486	8,635
Average Auto Occupancy (Includes Motorcycles)	1.08	1.08	1.08

I-270 C
 I-270 North between Shady Grove Road and I-370
 Facility Total
 HOV Restriction Period: 3:30 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van-pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	2,231	387	31	7	1.20	4.76	5	2,661	3,191	2	7	11	147	3,349	100	2,770
3:30 - 4:00	3,035	701	36	22	1.27	6.62	12	3,806	4,833	2	9	21	189	5,043	104	3,921
4:00 - 4:30	3,209	667	30	17	1.24	6.51	19	3,942	4,868	4	11	38	231	5,137	103	4,060
4:30 - 5:00	3,531	696	31	16	1.22	6.34	11	4,285	5,232	5	4	43	84	5,359	85	4,379
5:00 - 5:30	3,167	434	7	14	1.17	9.19	5	3,627	4,233	5	2	58	42	4,333	41	3,675
5:30 - 6:00	2,793	436	17	5	1.17	5.68	14	3,265	3,804	5	6	47	126	3,977	32	3,308
6:00 - 6:30	2,924	457	81	11	1.22	4.49	14	3,487	4,265	4	1	33	21	4,319	50	3,542
6:30 - 7:00	3,020	465	52	13	1.21	5.15	11	3,561	4,296	2	3	6	63	4,365	25	3,591
7:00 - 7:30	3,370	367	20	6	1.13	5.08	12	3,775	4,248	1	6	1	126	4,375	57	3,839
7:30 - 8:00	1,916	134	1	0	1.07	4.00	6	2,057	2,194	0	0	0	0	2,194	39	2,096
Vehicles	29,196	4,744	306	111			109	34,466		30	49				636	35,181
Persons	29,196	9,488	1,039	1,332					41,164			258	1,029	42,451		

HOV Restricted

	Period		Peak Hour
	5 Hour (3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	
Highway Passengers	42,451	28,168	8,296
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	41,164	27,235	8,069
Autos and Motorcycles	34,466	22,412	6,752
Average Auto Occupancy (Includes Motorcycles)	1.19	1.22	1.20

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)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	169	113	4	1	1.46	4.80	3	290	422	2	2	11	42	475	0	294
3:30 - 4:00	176	339	5	7	1.81	8.33	3	530	957	2	3	21	63	1,041	0	535
4:00 - 4:30	107	375	8	8	1.97	7.75	11	509	992	4	2	38	42	1,072	1	516
4:30 - 5:00	51	415	7	9	2.10	8.19	6	488	1,018	5	1	43	21	1,082	2	496
5:00 - 5:30	50	265	0	6	2.03	12.00	2	323	654	5	0	58	0	712	3	331
5:30 - 6:00	111	334	13	4	1.90	5.82	9	471	887	5	4	47	84	1,018	4	484
6:00 - 6:30	161	320	68	9	2.06	4.51	7	565	1,155	4	0	33	0	1,188	2	571
6:30 - 7:00	545	235	34	9	1.51	5.30	5	828	1,248	2	0	6	0	1,254	0	830
7:00 - 7:30	567	83	3	1	1.15	5.25	5	659	759	1	0	1	0	760	0	660
7:30 - 8:00	395	66	0	0	1.14	0.00	1	462	528	0	0	0	0	528	1	463
Vehicles	2,332	2,545	142	54			52	5,125		30	12				13	5,180
Persons	2,332	5,090	498	648					8,620			258	252	9,130		

HOV Restricted

5 Hour Period	Peak Hour	
	(3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)
Highway Passengers	9,130	2,206
Rail Passengers	0	0
Auto and Motorcycle Passengers	8,620	2,042
Autos and Motorcycles	5,125	1,036
Average Auto Occupancy (Includes Motorcycles)	1.68	1.97

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van-pools	Avg. Van-pools Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor-cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	2,062	274	27	6	1.17	4.76	2	2,371	2,769	0	5	0	105	2,874	100	2,476
3:30 - 4:00	2,859	362	31	15	1.18	6.17	9	3,276	3,876	0	6	0	126	4,002	104	3,386
4:00 - 4:30	3,102	292	22	9	1.13	5.87	8	3,433	3,876	0	9	0	189	4,065	102	3,544
4:30 - 5:00	3,480	281	24	7	1.11	5.39	5	3,797	4,214	0	3	0	63	4,277	83	3,883
5:00 - 5:30	3,117	169	7	8	1.08	8.07	3	3,304	3,579	0	2	0	42	3,621	38	3,344
5:30 - 6:00	2,682	102	4	1	1.04	5.20	5	2,794	2,917	0	2	0	42	2,959	28	2,824
6:00 - 6:30	2,763	137	13	2	1.06	4.40	7	2,922	3,110	0	1	0	21	3,131	48	2,971
6:30 - 7:00	2,475	230	18	4	1.12	4.86	6	2,733	3,048	0	3	0	63	3,111	25	2,761
7:00 - 7:30	2,803	284	17	5	1.12	5.05	7	3,116	3,489	0	6	0	126	3,615	57	3,179
7:30 - 8:00	1,521	68	1	0	1.04	4.00	5	1,595	1,666	0	0	0	0	1,666	38	1,633
Vehicles	26,864	2,199	164	57			57	29,341		0	37				623	30,001
Persons	26,864	4,398	541	684					32,544			0	777	33,321		

HOV Restricted

	Period		Peak Hour
	5 Hour (3:30 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	
Highway Passengers	33,321	22,055	6,090
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	32,544	21,572	6,027
Autos and Motorcycles	29,341	19,526	5,716
Average Auto Occupancy (Includes Motorcycles)	1.11	1.10	1.05

I-270 E
I-270 North between MD 121 and MD 109
Facility Total
No HOV restrictions at this location
Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van- pools Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	62	9	2	0	1.18	3.00	1	74	87	0	1	0	19	106	2	77
3:30 - 4:00	1,712	164	2	5	1.12	9.43	5	1,888	2,111	0	4	0	76	2,187	65	1,957
4:00 - 4:30	1,822	194	3	9	1.15	9.75	5	2,033	2,332	0	5	0	95	2,427	46	2,084
4:30 - 5:00	2,097	115	4	11	1.11	9.60	4	2,231	2,475	0	3	0	57	2,532	50	2,284
5:00 - 5:30	1,533	224	6	10	1.20	8.69	6	1,779	2,126	0	11	0	209	2,335	37	1,827
5:30 - 6:00	1,783	154	3	3	1.10	7.50	10	1,953	2,146	0	6	0	114	2,260	50	2,009
6:00 - 6:30	2,026	215	7	3	1.12	5.80	7	2,258	2,521	0	5	0	95	2,616	47	2,310
6:30 - 7:00	1,683	279	9	4	1.17	5.85	7	1,982	2,324	0	2	0	38	2,362	15	1,999
7:00 - 7:30	1,303	134	5	0	1.10	3.00	6	1,448	1,592	0	4	0	76	1,668	16	1,468
7:30 - 8:00	1,068	114	7	0	1.11	3.00	8	1,197	1,325	0	1	0	19	1,344	23	1,221
Vehicles	15,089	1,602	48	45			59	16,843		0	42				351	17,236
Persons	15,089	3,204	147	540					19,039			0	798	19,837		

	5 Hour	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	19,837	4,867
Rail Passengers	0	0
Auto and Motorcycle Passengers	19,039	4,601
Autos and Motorcycles	16,843	4,010
Average Auto Occupancy (Includes Motorcycles)	1.13	1.15

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Van- Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	2,404	201	10	12	1.14	8.23	5	2,632	2,992	0	2	0	42	3,034	138	2,772
3:30 - 4:00	2,498	347	10	18	1.20	9.11	13	2,886	3,460	0	12	0	252	3,712	91	2,989
4:00 - 4:30	2,091	352	12	17	1.23	8.41	5	2,477	3,044	0	17	0	357	3,401	77	2,571
4:30 - 5:00	1,837	348	7	8	1.21	7.93	10	2,210	2,662	0	7	0	147	2,809	52	2,269
5:00 - 5:30	1,646	423	25	3	1.24	3.96	4	2,101	2,607	0	0	0	0	2,607	47	2,148
5:30 - 6:00	2,231	392	38	7	1.21	4.58	5	2,673	3,226	0	3	0	63	3,289	72	2,748
6:00 - 6:30	2,201	484	40	14	1.26	5.43	4	2,743	3,466	4	5	35	105	3,606	43	2,795
6:30 - 7:00	2,239	547	32	5	1.24	4.57	7	2,830	3,509	1	3	5	63	3,577	52	2,886
7:00 - 7:30	1,999	178	6	3	1.10	6.56	6	2,192	2,420	3	7	12	147	2,579	36	2,238
7:30 - 8:00	1,507	116	7	3	1.10	6.40	4	1,637	1,807	0	2	0	42	1,849	12	1,651
Vehicles	20,653	3,388	187	90			63	24,381		8	58				620	25,067
Persons	20,653	6,776	621	1,080					29,193			52	1,218	30,463		

HOV Restricted

	Period	Peak Hour
5 Hour	(3:30 PM - 6:30 PM)	(5:00 PM - 6:00 PM)

Highway Passengers	30,463	19,424	5,896
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,193	18,465	5,833
Autos and Motorcycles	24,381	15,090	4,774
Average Auto Occupancy (Includes Motorcycles)	1.20	1.22	1.22

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Van-pools Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	700	197	5	12	1.37	9.53	5	919	1,261	0	0	0	0	1,261	3	922
3:30 - 4:00	183	344	5	16	1.97	9.86	9	557	1,087	0	5	0	105	1,192	6	568
4:00 - 4:30	131	347	10	16	2.08	8.54	5	509	1,052	0	14	0	294	1,346	9	532
4:30 - 5:00	116	346	6	8	1.94	8.29	6	482	930	0	5	0	105	1,035	2	489
5:00 - 5:30	39	421	25	3	2.03	3.96	4	492	996	0	0	0	0	996	0	492
5:30 - 6:00	27	378	35	7	2.17	4.50	4	451	976	0	1	0	21	997	5	457
6:00 - 6:30	26	477	35	12	2.23	5.30	4	554	1,233	4	4	35	84	1,352	5	567
6:30 - 7:00	319	516	27	5	1.72	4.47	5	872	1,499	1	0	5	0	1,504	5	878
7:00 - 7:30	675	101	0	0	1.13	0.00	4	780	881	3	3	12	63	956	2	788
7:30 - 8:00	429	68	0	1	1.16	12.00	2	500	579	0	0	0	0	579	0	500
Vehicles	2,645	3,195	148	80			48	6,116		8	32				37	6,193
Persons	2,645	6,390	451	960					10,494			52	672	11,218		

HOV Restricted

	Period		Peak Hour
	5 Hour (3:30 PM - 6:30 PM)	(5:00 PM - 6:00 PM)	
Highway Passengers	11,218	6,918	1,993
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	10,494	6,274	1,972
Autos and Motorcycles	6,116	3,045	943
Average Auto Occupancy (Includes Motorcycles)	1.72	2.06	2.09

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	Avg. Auto Occ.	3+Autos+ Van-pools Auto Occ.	Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
										Transit	Other	Trans	Other			
3:00 - 3:30	1,704	4	5	0	1.01	3.80	0	1,713	1,731	0	2	0	42	1,773	135	1,850
3:30 - 4:00	2,315	3	5	2	1.02	6.86	4	2,329	2,373	0	7	0	147	2,520	85	2,421
4:00 - 4:30	1,960	5	2	1	1.01	7.33	0	1,968	1,992	0	3	0	63	2,055	68	2,039
4:30 - 5:00	1,721	2	1	0	1.00	3.00	4	1,728	1,732	0	2	0	42	1,774	50	1,780
5:00 - 5:30	1,607	2	0	0	1.00	0.00	0	1,609	1,611	0	0	0	0	1,611	47	1,656
5:30 - 6:00	2,204	14	3	0	1.01	5.67	1	2,222	2,250	0	2	0	42	2,292	67	2,291
6:00 - 6:30	2,175	7	5	2	1.02	6.29	0	2,189	2,233	0	1	0	21	2,254	38	2,228
6:30 - 7:00	1,920	31	5	0	1.03	5.20	2	1,958	2,010	0	3	0	63	2,073	47	2,008
7:00 - 7:30	1,324	77	6	3	1.09	6.56	2	1,412	1,539	0	4	0	84	1,623	34	1,450
7:30 - 8:00	1,078	48	7	2	1.08	5.78	2	1,137	1,228	0	2	0	42	1,270	12	1,151
Vehicles	18,008	193	39	10			15	18,265		0	26				583	18,874
Persons	18,008	386	170	120					18,699			0	546	19,245		

HOV Restricted

Period Peak Hour
 5 Hour (3:30 PM - 6:30 PM) (5:00 PM - 6:00 PM)

Highway Passengers	19,245	12,506	3,903
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	18,699	12,191	3,861
Autos and Motorcycles	18,265	12,045	3,831
Average Auto Occupancy (Includes Motorcycles)	1.02	1.01	1.01

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	626	118	24	1	1.24	3.68	22	791	976	3	0	12	0	988	20	814
3:30 - 4:00	2,141	336	38	5	1.20	5.12	4	2,524	3,037	8	0	63	0	3,100	60	2,592
4:00 - 4:30	2,305	452	68	14	1.27	4.96	21	2,860	3,637	12	0	154	0	3,791	57	2,929
4:30 - 5:00	2,429	433	52	11	1.24	5.43	15	2,940	3,652	12	1	181	40	3,873	41	2,994
5:00 - 5:30	2,773	403	51	3	1.19	5.00	15	3,245	3,864	13	2	281	80	4,225	50	3,310
5:30 - 6:00	2,613	474	62	5	1.23	4.61	16	3,170	3,886	12	12	445	480	4,811	51	3,245
6:00 - 6:30	2,252	425	82	1	1.25	4.13	16	2,776	3,461	14	2	478	80	4,019	36	2,828
6:30 - 7:00	1,653	444	83	2	1.33	4.31	4	2,186	2,911	12	3	273	120	3,304	17	2,218
7:00 - 7:30	[Count ended due to bad weather]															
7:30 - 8:00	[Count ended due to bad weather]															
Vehicles	16,792	3,085	460	42			113	20,492		86	20				332	20,930
Persons	18,873	7,584	2,555	576					25,424			1,887	800	28,111		

	5 Hour	Peak Hour (5:00 PM - - 6:00 PM)
Highway Passengers	28,111	9,036
Rail Passengers	0	0
Auto and Motorcycle Passengers	25,424	7,750
Autos and Motorcycles	20,492	6,415
Average Auto Occupancy (Includes Motorcycles)	1.24	1.21

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC Riders		Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles		Rail	
					Avg. Auto Occ.	Auto Occ.		Van-pools + MC	Transit	Other	Trans	Other	+ Bus Pass.	Metro	Comm.					
3:00 - 3:30	1,562	93	11	9	1.13	7.40	2	1,677	1,898	9	2	209	80	2,187	47	1,735	0	0		
3:30 - 4:00	2,127	158	17	15	1.16	7.50	4	2,321	2,687	10	3	206	120	3,013	59	2,393	0	0		
4:00 - 4:30	2,344	166	19	18	1.16	7.59	2	2,549	2,959	14	0	352	0	3,311	76	2,639	0	0		
4:30 - 5:00	2,645	270	41	16	1.18	5.70	7	2,979	3,517	13	1	315	40	3,872	59	3,052	0	0		
5:00 - 5:30	2,996	153	7	7	1.08	7.71	7	3,170	3,417	16	2	400	80	3,897	45	3,233	0	0		
5:30 - 6:00	3,341	146	6	4	1.06	6.60	6	3,503	3,705	16	7	376	268	4,349	26	3,552	0	0		
6:00 - 6:30	2,610	284	29	8	1.15	5.43	12	2,943	3,391	15	4	400	152	3,943	38	3,000	0	0		
6:30 - 7:00	2,646	181	14	3	1.09	4.88	3	2,847	3,094	15	1	365	40	3,499	37	2,900	0	0		
7:00 - 7:30	1,999	149	17	4	1.11	5.19	0	2,169	2,406	11	4	254	144	2,804	31	2,215	0	0		
7:30 - 8:00	2,203	76	4	0	1.04	3.50	3	2,286	2,372	11	4	227	148	2,747	24	2,325	0	0		
Vehicles	24,473	1,676	165	84			46	26,444		130	28				442	27,044				
Persons	24,473	3,352	567	1,008					29,446			3,103	1,072	33,621			0	0		

HOV Restricted

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

Highway Passengers	33,621	19,371	8,246
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	29,446	16,989	7,122
Autos and Motorcycles	26,444	15,144	6,673
Average Auto Occupancy (Includes Motorcycles)	1.11	1.12	1.07

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles	Rail	
					Avg. Auto Occ.	Auto Occ.				Transit	Other	Trans	Other				Metro	Comm.
3:00 - 3:30	233	24	5	7	1.42	8.42	2	271	384	9	2	209	80	673	5	287	0	0
3:30 - 4:00	447	70	16	12	1.45	7.18	3	548	791	10	3	206	120	1,117	9	570	0	0
4:00 - 4:30	156	67	12	12	1.91	7.63	2	249	475	14	0	352	0	827	3	266	0	0
4:30 - 5:00	289	180	29	13	1.76	5.90	5	516	902	13	1	315	40	1,257	11	541	0	0
5:00 - 5:30	305	90	4	4	1.35	7.50	7	410	552	16	2	400	80	1,032	7	435	0	0
5:30 - 6:00	229	70	3	4	1.39	8.14	6	312	432	16	4	376	160	968	8	340	0	0
6:00 - 6:30	406	218	28	8	1.58	5.50	10	670	1,050	15	2	400	80	1,530	15	702	0	0
6:30 - 7:00	603	63	7	3	1.17	6.00	2	678	791	15	1	365	40	1,196	10	704	0	0
7:00 - 7:30	447	44	3	2	1.16	7.60	0	496	573	11	0	254	0	827	3	510	0	0
7:30 - 8:00	223	9	0	0	1.04	0.00	3	235	244	11	1	227	40	511	2	249	0	0
Vehicles	3,338	835	107	65			40	4,385		130	16				73	4,604		
Persons	3,338	1,670	366	780					6,194			3,103	640	9,937			0	0

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

Highway Passengers	9,937	5,613	2,000
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	6,194	3,411	984
Autos and Motorcycles	4,385	2,157	722
Average Auto Occupancy (Includes Motorcycles)	1.41	1.58	1.36

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC Riders		Buses				Total Auto Passengers + MC Riders		Trucks	Total Vehicles		Rail	
					Avg. Auto Occ.	Van-pools Auto Occ.		Van-pools + MC	Transit	Other	Trans	Other	+ Bus Pass.	Metro	Comm.					
3:00 - 3:30	1,329	69	6	2	1.08	5.88	0	1,406	1,514	0	0	0	0	1,514	42	1,448	0	0		
3:30 - 4:00	1,680	88	1	3	1.07	9.75	1	1,773	1,896	0	0	0	0	1,896	50	1,823	0	0		
4:00 - 4:30	2,188	99	7	6	1.08	7.54	0	2,300	2,484	0	0	0	0	2,484	73	2,373	0	0		
4:30 - 5:00	2,356	90	12	3	1.06	5.13	2	2,463	2,615	0	0	0	0	2,615	48	2,511	0	0		
5:00 - 5:30	2,691	63	3	3	1.04	8.00	0	2,760	2,865	0	0	0	0	2,865	38	2,798	0	0		
5:30 - 6:00	3,112	76	3	0	1.03	3.00	0	3,191	3,273	0	3	0	108	3,381	18	3,212	0	0		
6:00 - 6:30	2,204	66	1	0	1.03	3.00	2	2,273	2,341	0	2	0	72	2,413	23	2,298	0	0		
6:30 - 7:00	2,043	118	7	0	1.06	3.29	1	2,169	2,303	0	0	0	0	2,303	27	2,196	0	0		
7:00 - 7:30	1,552	105	14	2	1.10	4.44	0	1,673	1,833	0	4	0	144	1,977	28	1,705	0	0		
7:30 - 8:00	1,980	67	4	0	1.04	3.50	0	2,051	2,128	0	3	0	108	2,236	22	2,076	0	0		
Vehicles	21,135	841	58	19			6	22,059		0	12				369	22,440				
Persons	21,135	1,682	201	228					23,252				432	23,684				0	0	

HOV Restricted

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

Highway Passengers	23,684	13,758	6,246
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	23,252	13,578	6,138
Autos and Motorcycles	22,059	12,987	5,951
Average Auto Occupancy (Includes Motorcycles)	1.05	1.05	1.03

Va 267 C
 Va 267 Westbound (East of Rt 7100, outbound)
 Facility Total
 HOV Restriction: 4:00 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto		Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Van-pools + MC	Autos + MC		Transit	Other	Trans	Other	+ Bus Pass.			
3:00 - 3:30	1,505	224	10	1	1.15	4.27	3	1,743	2,003	0	4	0	108	2,111	47	1,794		
3:30 - 4:00	1,527	193	6	8	1.17	8.21	6	1,740	2,034	0	5	0	72	2,106	43	1,788		
4:00 - 4:30	2,286	317	8	9	1.17	7.82	10	2,630	3,063	0	6	0	108	3,171	50	2,686		
4:30 - 5:00	2,887	569	24	7	1.20	5.03	5	3,492	4,186	0	12	0	72	4,258	47	3,551		
5:00 - 5:30	2,896	306	25	5	1.13	4.67	8	3,240	3,656	0	15	0	144	3,800	40	3,295		
5:30 - 6:00	2,283	385	14	3	1.17	4.65	5	2,690	3,137	0	11	0	72	3,209	33	2,734		
6:00 - 6:30	2,338	294	18	2	1.13	4.00	7	2,659	3,013	0	9	0	72	3,085	57	2,725		
6:30 - 7:00	1,908	241	17	1	1.13	3.83	4	2,171	2,463	0	2	0	36	2,499	29	2,202		
7:00 - 7:30	1,869	374	12	8	1.22	6.75	0	2,263	2,752	0	7	0	216	2,968	38	2,308		
7:30 - 8:00	1,479	153	9	2	1.12	5.09	2	1,645	1,843	1	5	21	180	2,044	35	1,686		
Vehicles	20,978	3,056	143	46			50	24,273			1	76			419	24,769		
Persons	20,978	6,112	458	552					28,150			21	1,080	29,251				

HOV Restricted

5 Hour Period	Peak Hour	
	(4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)
Highway Passengers	29,251	17,523
Rail Passengers	0	0
Auto and Motorcycle Passengers	28,150	17,055
Autos and Motorcycles	24,273	14,711
Average Auto Occupancy (Includes Motorcycles)	1.16	1.16

Va 267 C
 Va 267 Westbound (East of Rt 7100, outbound)
 HOV Total
 HOV Restriction: 4:00 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC Riders		Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other	Trans	Other	+ Bus Pass.					
3:00 - 3:30	162	163	4	1	1.56	5.60	1	331	517	0	1	0	0	517	2	334	
3:30 - 4:00	282	169	2	4	1.47	9.00	4	461	678	0	3	0	0	678	4	468	
4:00 - 4:30	127	233	5	5	1.81	7.50	6	376	674	0	3	0	0	674	8	387	
4:30 - 5:00	205	242	22	6	1.74	4.93	3	478	830	0	10	0	0	830	11	499	
5:00 - 5:30	228	256	22	1	1.62	3.52	6	513	827	0	11	0	0	827	11	535	
5:30 - 6:00	93	280	9	1	1.81	3.90	3	386	695	0	9	0	0	695	8	403	
6:00 - 6:30	132	197	14	1	1.69	3.67	4	348	585	0	7	0	0	585	19	374	
6:30 - 7:00	244	55	3	0	1.22	5.00	1	303	370	0	1	0	0	370	6	310	
7:00 - 7:30	234	45	0	0	1.16	0.00	0	279	324	0	1	0	0	324	1	281	
7:30 - 8:00	225	9	0	0	1.04	0.00	1	235	244	0	0	0	0	244	1	236	
Vehicles	1,932	1,649	81	19			29	3,710		0	46				71	3,827	
Persons	1,932	3,298	257	228					5,744			0	0	5,744			

HOV Restricted

	Period Peak Hour		
	5 Hour (4:00 PM - 6:30 PM)	(5:30 PM - 6:30 PM)	6:30 PM
Highway Passengers	5,744	3,611	1,280
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	5,744	3,611	1,280
Autos and Motorcycles	3,710	2,101	734
Average Auto Occupancy (Includes Motorcycles)	1.55	1.72	1.74

Va 267 C
 Va 267 Westbound (East of Rt 7100, outbound)
 Conventional Total
 HOV Restriction: 4:00 PM - 6:30 PM
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC		Buses		Bus Passengers		Total Auto Passengers + MC Riders		Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Van-pools + MC	Riders	Transit	Other	Trans	Other	+ Bus Pass.			
3:00 - 3:30	1,343	61	6	0	1.05	3.17	2	1,412	1,486	0	3	0	108	1,594	45	1,460	
3:30 - 4:00	1,245	24	4	4	1.06	7.63	2	1,279	1,356	0	2	0	72	1,428	39	1,320	
4:00 - 4:30	2,159	84	3	4	1.06	8.29	4	2,254	2,389	0	3	0	108	2,497	42	2,299	
4:30 - 5:00	2,682	327	2	1	1.11	6.00	2	3,014	3,356	1	2	21	72	3,449	36	3,053	
5:00 - 5:30	2,668	50	3	4	1.04	8.43	2	2,727	2,829	1	4	31	144	3,004	29	2,761	
5:30 - 6:00	2,190	105	5	2	1.06	5.71	2	2,304	2,442	3	2	83	72	2,597	25	2,334	
6:00 - 6:30	2,206	97	4	1	1.05	5.00	3	2,311	2,428	1	2	21	72	2,521	38	2,352	
6:30 - 7:00	1,664	186	14	1	1.12	3.60	3	1,868	2,093	1	1	31	36	2,160	23	1,893	
7:00 - 7:30	1,635	329	12	8	1.22	6.75	0	1,984	2,428	1	6	21	216	2,665	37	2,028	
7:30 - 8:00	1,254	144	9	2	1.13	5.09	1	1,410	1,599	1	5	21	180	1,800	34	1,450	
Vehicles	19,046	1,407	62	27			21	20,563		9	30				348	20,950	
Persons	19,046	2,814	201	324					22,406			229	1,080	23,715			

HOV Restricted

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

Highway Passengers	23,715	14,068	5,118
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	22,406	13,444	4,870
Autos and Motorcycles	20,563	12,610	4,615
Average Auto Occupancy	1.09	1.07	1.06

(Includes Motorcycles)

Va 267 D
 Va 267 (Dulles Toll Road) Westbound exiting to Va 28 and Greenway (outbound)
 Facility Total
 No HOV restrictions at this facility
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Total Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other					
3:00 - 3:30	1,462	158	14	2	1.13	4.50	1	1,637	1,851	0	1	0	36	1,887	77	1,715	
3:30 - 4:00	2,231	203	11	1	1.10	4.42	2	2,448	2,692	0	1	0	36	2,728	71	2,520	
4:00 - 4:30	2,599	268	24	6	1.14	5.23	1	2,898	3,293	0	1	0	0	3,293	97	2,996	
4:30 - 5:00	2,797	305	19	9	1.14	6.04	12	3,142	3,588	0	5	0	0	3,588	81	3,228	
5:00 - 5:30	3,074	307	30	15	1.16	6.24	3	3,429	3,972	0	6	0	72	4,044	53	3,488	
5:30 - 6:00	3,484	251	13	6	1.09	6.37	3	3,757	4,110	0	8	0	0	4,110	64	3,829	
6:00 - 6:30	3,154	240	5	10	1.11	9.13	10	3,419	3,781	0	9	0	144	3,925	66	3,494	
6:30 - 7:00	2,653	184	17	2	1.09	4.21	3	2,859	3,104	0	5	0	36	3,140	45	2,909	
7:00 - 7:30	1,779	217	18	0	1.13	3.28	0	2,014	2,272	0	2	0	36	2,308	29	2,045	
7:30 - 8:00	1,131	200	20	4	1.21	4.67	5	1,360	1,648	0	3	0	72	1,720	29	1,392	
Vehicles	24,364	2,333	171	55			40	26,963		0	41				612	27,616	
Persons	24,364	4,666	581	660					30,311			0	432	30,743			

	5 Hour	Peak Hour (5:00 PM - 6:00 PM)
Highway Passengers	30,743	8,154
Rail Passengers	0	0
Auto and Motorcycle Passengers	30,311	8,082
Autos and Motorcycles	26,963	7,186
Average Auto Occupancy (Includes Motorcycles)	1.12	1.12

US 50A
 US 50 Eastbound between MD 410 and New Carrollton
 Facility Total
 24/7 HOV-2 east of this location
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC	Total Auto Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.				Transit	Other	Trans	Other			
3:00 - 3:30	1,082	175	19	1	1.18	3.70	7	1,284	1,513	0	0	0	0	1,513	69	1,353
3:30 - 4:00	1,814	312	18	2	1.21	7.50	2	2,148	2,590	0	0	0	0	2,590	86	2,234
4:00 - 4:30	1,448	236	18	9	1.21	5.74	5	1,716	2,080	0	0	0	0	2,080	73	1,789
4:30 - 5:00	1,468	261	29	9	1.20	3.53	1	1,768	2,125	0	0	0	0	2,125	83	1,851
5:00 - 5:30	1,263	308	8	6	1.24	6.43	5	1,590	1,974	0	0	0	0	1,974	47	1,637
5:30 - 6:00	1,724	95	3	1	1.06	6.25	3	1,826	1,942	0	0	0	0	1,942	41	1,867
6:00 - 6:30	1,808	80	2	1	1.05	6.00	4	1,895	1,990	0	0	0	0	1,990	34	1,929
6:30 - 7:00	1,620	194	4	1	1.12	7.00	6	1,825	2,049	0	0	0	0	2,049	37	1,862
7:00 - 7:30	1,261	234	6	2	1.19	7.88	1	1,504	1,793	0	0	0	0	1,793	25	1,529
7:30 - 8:00	1,175	248	1	4	1.21	11.00	5	1,433	1,731	0	0	0	0	1,731	38	1,471
Vehicles	14,663	2,143	108	36			39	16,989		0	0				533	17,522
Persons	14,663	4,286	367	432					19,787			0	0	19,787		

	5 Hour	Peak Hour (3:30 PM - 4:30 PM)
Highway Passengers	19,787	4,670
Rail Passengers	0	0
Auto and Motorcycle Passengers	19,787	4,670
Autos and Motorcycles	16,989	3,864
Average Auto Occupancy (Includes Motorcycles)	1.16	1.21

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ.	Motorcycle: (MC)	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
3:00 - 3:30	1,630	179	10	3	1.13	5.23	6	1,828	2,062	1	0	4	0	2,066	127	1,956	
3:30 - 4:00	2,671	170	8	10	1.10	8.22	8	2,867	3,167	1	0	10	0	3,177	105	2,973	
4:00 - 4:30	2,870	206	16	8	1.11	6.04	7	3,107	3,434	1	0	22	0	3,456	104	3,212	
4:30 - 5:00	2,891	288	33	11	1.15	5.59	11	3,234	3,724	3	0	27	0	3,751	61	3,298	
5:00 - 5:30	2,382	377	42	10	1.21	4.88	6	2,817	3,396	2	0	42	0	3,438	82	2,901	
5:30 - 6:00	2,004	271	8	4	1.15	6.17	4	2,291	2,624	1	0	23	0	2,647	64	2,356	
6:00 - 6:30	2,236	218	15	2	1.11	4.06	6	2,477	2,747	2	1	58	21	2,826	50	2,530	
6:30 - 7:00	2,467	238	9	2	1.10	4.82	0	2,716	2,996	1	1	41	21	3,058	54	2,772	
7:00 - 7:30	2,304	223	23	4	1.12	4.56	3	2,557	2,876	1	1	14	21	2,911	71	2,630	
7:30 - 8:00	1,377	159	8	3	1.14	5.55	3	1,550	1,759	1	2	4	42	1,805	64	1,617	
Vehicles	22,832	2,329	172	57				25,444		14	5				782	26,245	
Persons	22,832	4,658	557	684					28,785			245	105	29,135			

	HOV		
	5 Hour (5 Hours assumed)	24 Hours	Peak Hour (4:00 PM - 5:00 PM)
Highway Passengers	29,135	19,176	7,207
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	28,785	18,921	7,158
Autos and Motorcycles	25,444	16,642	6,341
Average Auto Occupancy (Includes Motorcycles)	1.13	1.14	1.13

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders + Bus Pass		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
3:00 - 3:30	31	79	7	0	1.79	3.00	3	120	213	1	0	4	0	217	1	122	
3:30 - 4:00	41	58	3	1	1.74	5.50	4	107	183	1	0	10	0	193	4	112	
4:00 - 4:30	127	115	15	6	1.81	5.62	6	269	481	1	0	10	0	491	1	271	
4:30 - 5:00	139	204	28	11	2.02	5.72	10	392	780	3	0	42	0	822	1	396	
5:00 - 5:30	148	214	36	8	1.94	4.77	5	411	791	2	0	69	0	860	1	414	
5:30 - 6:00	140	209	7	1	1.66	4.38	4	361	597	1	0	45	0	642	4	366	
6:00 - 6:30	88	188	15	1	1.78	3.56	5	297	526	2	1	55	21	602	3	303	
6:30 - 7:00	89	148	5	1	1.70	4.50	0	243	412	1	1	20	21	453	1	246	
7:00 - 7:30	87	98	20	2	1.79	4.00	2	209	373	1	1	14	21	408	0	211	
7:30 - 8:00	74	64	4	0	1.51	3.25	3	145	218	1	2	4	42	264	0	148	
Vehicles	964	1,377	140	31				2,554		14	5				16	2,589	
Persons	964	2,754	442	372					4,574			273	105	4,952			

	HOV		
	5 Hour	Period	Peak Hour
		24 Hours 7 Days	(4:00 PM - 5:00 PM)
Highway Passengers	4,952	3,870	1,313
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	4,574	3,587	1,261
Autos and Motorcycles	2,554	1,973	661
Average Auto Occupancy (Includes Motorcycles)	1.79	1.82	1.91

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles
										Transit	Other	Trans	Other	+ Bus Pass			
3:00 - 3:30	1,599	100	3	3	1.08	7.83	3	1,708	1,849	0	0	0	0	1,849	126	1,834	
3:30 - 4:00	2,630	112	5	9	1.08	9.00	4	2,760	2,984	0	0	0	0	2,984	101	2,861	
4:00 - 4:30	2,743	91	1	2	1.04	9.00	1	2,838	2,953	0	0	0	0	2,953	103	2,941	
4:30 - 5:00	2,752	84	5	0	1.04	4.60	1	2,842	2,944	0	0	0	0	2,944	60	2,902	
5:00 - 5:30	2,234	163	6	2	1.08	5.50	1	2,406	2,605	0	0	0	0	2,605	81	2,487	
5:30 - 6:00	1,864	62	1	3	1.05	9.75	0	1,930	2,027	0	0	0	0	2,027	60	1,990	
6:00 - 6:30	2,148	30	0	1	1.02	12.00	1	2,180	2,221	0	0	0	0	2,221	47	2,227	
6:30 - 7:00	2,378	90	4	1	1.04	5.20	0	2,473	2,584	0	0	0	0	2,584	53	2,526	
7:00 - 7:30	2,217	125	3	2	1.07	7.00	1	2,348	2,503	0	0	0	0	2,503	71	2,419	
7:30 - 8:00	1,303	95	4	3	1.10	6.86	0	1,405	1,541	0	0	0	0	1,541	64	1,469	
Vehicles	21,868	952	32	26				22,890		0	0				766	23,656	
Persons	21,868	1,904	115	312					24,211			0	0	24,211			

	HOV		
	5 Hour Period	24 Hours Period	Peak Hour Peak Hour (4:00 PM - 7 Days 5:00 PM)
Highway Passengers	24,211	15,334	5,897
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	24,211	15,334	5,897
Autos and Motorcycles	22,890	14,669	5,680
Average Auto Occupancy (Includes Motorcycles)	1.06	1.05	1.04

US 50 D eastbound
 US 50 between MD 3 and MD 197/Collington Rd.
 Facility Total
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycle (MC)	Total Auto + MC	Total		Buses		Bus Passengers		Passengers +MC		Total Vehicles
									Auto Persons +MC Riders	Transit	Other	Trans	Other	+ Bus Pass	Trucks		
3:00 - 3:30	135	8	0	0	1.06	0.00	1	144	152	1	0	9	0	161	12	157	
3:30 - 4:00	2,102	268	9	7	1.15	7.06	9	2,395	2,758	2	0	12	0	2,770	125	2,522	
4:00 - 4:30	2,286	276	7	5	1.13	6.92	10	2,584	2,931	2	0	22	0	2,953	97	2,683	
4:30 - 5:00	2,296	310	32	20	1.23	6.73	5	2,663	3,270	2	1	27	21	3,318	72	2,738	
5:00 - 5:30	2,155	288	32	11	1.19	5.51	11	2,497	2,978	3	4	42	84	3,104	72	2,576	
5:30 - 6:00	1,971	207	16	6	1.14	6.00	4	2,204	2,521	2	5	23	105	2,649	71	2,282	
6:00 - 6:30	2,086	220	7	5	1.13	6.83	6	2,324	2,614	4	5	58	105	2,777	76	2,409	
6:30 - 7:00	1,627	143	13	7	1.14	6.55	2	1,792	2,046	3	5	41	105	2,192	65	1,865	
7:00 - 7:30	1,690	208	2	2	1.12	7.50	0	1,902	2,136	5	6	67	126	2,329	72	1,985	
7:30 - 8:00	1,468	181	4	1	1.12	5.00	1	1,655	1,856	4	7	47	147	2,050	91	1,757	
Vehicles	17,816	2,109	122	64				20,160		28	33				753	20,974	
Persons	17,816	4,218	415	768					23,262			348	693	24,303			

	HOV		
	5 Hour Period	Peak Hour (4:30 PM - 5:30 PM)	
Highway Passengers	24,303	16,993	6,422
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	23,262	16,360	6,248
Autos and Motorcycles	20,160	14,064	5,160
Average Auto Occupancy (Includes Motorcycles)	1.15	1.16	1.21

US 50 E Eastbound
 US 50 @ MD Rt. 424 Davidsonville Road
 Facility Total
 Spring, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycle (MC)	Total Auto + MC	Total		Buses		Bus Passengers		Passengers +MC		Total Vehicles
									Auto Persons +MC Riders	Transit	Other	Trans	Other	+ Bus Pass	Trucks		
3:00 - 3:30	576	76	5	1	1.16	5.50	1	659	762	0	0	0	0	762	61	720	
3:30 - 4:00	840	108	13	9	1.25	7.23	0	970	1,215	0	0	0	0	1,215	107	1,077	
4:00 - 4:30	785	171	18	8	1.31	6.08	2	984	1,287	0	1	0	21	1,308	72	1,057	
4:30 - 5:00	863	109	5	4	1.17	7.44	1	982	1,149	0	2	0	42	1,191	75	1,059	
5:00 - 5:30	821	91	13	2	1.16	4.73	0	927	1,074	0	2	0	42	1,116	59	988	
5:30 - 6:00	1,175	109	10	7	1.16	7.06	4	1,305	1,517	0	3	0	63	1,580	53	1,361	
6:00 - 6:30	1,124	267	13	3	1.24	5.38	7	1,414	1,751	0	3	0	63	1,814	43	1,460	
6:30 - 7:00	1,029	75	10	6	1.15	6.75	2	1,122	1,289	0	3	0	63	1,352	51	1,176	
7:00 - 7:30	1,013	122	12	0	1.13	3.42	0	1,147	1,298	0	2	0	42	1,340	59	1,208	
7:30 - 8:00	707	179	21	0	1.25	3.43	1	908	1,138	0	2	0	42	1,180	62	972	
Vehicles	8,933	1,307	120	40				10,418		0	18				642	11,078	
Persons	8,933	2,614	435	480					12,480			0	378	12,858			

	5 Hour	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	12,858	2,307
Rail Passengers	0	0
Auto and Motorcycle Passengers	12,480	2,223
Autos and Motorcycles	10,418	1,909
Average Auto Occupancy (Includes Motorcycles)	1.20	1.16

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders		Trucks	Total Vehicles	Rail	
										Transit	Other	Trans	Other	+ Bus Pass	Metro			Comm.	
3:00 - 3:30	994	145	10	5	1.19	6.13	4	1,158	1,380	1	0	32	0	1,412	75	1,234	0	0	
3:30 - 4:00	1,514	165	14	3	1.14	4.88	2	1,698	1,929	2	0	17	0	1,946	81	1,781	0	0	
4:00 - 4:30	986	268	17	4	1.28	4.95	1	1,276	1,627	2	0	22	0	1,649	81	1,359	0	0	
4:30 - 5:00	867	174	14	7	1.27	6.38	1	1,063	1,350	2	0	27	0	1,377	73	1,138	0	0	
5:00 - 5:30	1,023	145	16	3	1.18	4.89	5	1,192	1,411	3	0	42	0	1,453	46	1,241	0	0	
5:30 - 6:00	876	169	4	1	1.18	4.80	2	1,052	1,240	2	1	23	21	1,284	25	1,080	0	0	
6:00 - 6:30	1,008	199	1	1	1.18	8.50	0	1,209	1,423	4	2	58	42	1,523	71	1,286	0	0	
6:30 - 7:00	877	137	5	1	1.16	4.67	2	1,022	1,181	3	2	41	42	1,264	107	1,134	0	0	
7:00 - 7:30	1,130	92	3	0	1.08	3.00	1	1,226	1,324	0	4	0	84	1,408	51	1,281	0	0	
7:30 - 8:00	703	55	4	0	1.09	4.00	2	764	831	0	5	0	105	936	88	857	0	0	
Vehicles	9,978	1,549	88	25				11,660		19	14				698	12,391			
Persons	9,978	3,098	300	300					13,696			262	294	14,252			0	0	

	HOV		
	5 Hour (5 Hours assumed)	24 Hours	Peak Hour (4:00 PM - 5:00 PM)
Highway Passengers	14,252	8,550	3,026
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	13,696	8,232	2,977
Autos and Motorcycles	11,660	6,814	2,339
Average Auto Occupancy (Includes Motorcycles)	1.17	1.21	1.27

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Total Auto Passengers +MC Riders + Bus Pass	Trucks	Total		Rail	
										Transit	Other	Trans	Other			Vehicles	Metro	Comm.	
3:00 - 3:30	15	23	3	0	1.76	3.67	0	41	72	1	0	32	0	104	0	42	0	0	
3:30 - 4:00	101	35	0	0	1.26	0.00	0	136	171	2	0	17	0	188	0	138	0	0	
4:00 - 4:30	212	120	0	0	1.36	0.00	0	332	452	1	0	16	0	468	0	333	0	0	
4:30 - 5:00	14	90	4	1	2.02	5.20	1	110	221	2	0	15	0	236	0	112	0	0	
5:00 - 5:30	17	55	5	0	1.86	3.20	2	79	145	2	0	3	0	148	0	81	0	0	
5:30 - 6:00	7	123	0	0	1.95	0.00	0	130	253	2	1	8	21	282	2	135	0	0	
6:00 - 6:30	6	152	0	0	1.96	0.00	0	158	310	2	2	6	42	358	1	163	0	0	
6:30 - 7:00	17	70	2	0	1.83	3.00	0	89	163	1	2	2	42	207	0	92	0	0	
7:00 - 7:30	6	48	2	0	1.93	3.00	0	56	108	0	4	0	84	192	1	61	0	0	
7:30 - 8:00	1	24	0	0	1.96	0.00	0	25	49	0	5	0	105	154	1	31	0	0	
Vehicles	396	740	16	1				1,156		13	14				5	1,188			
Persons	396	1,480	53	12					1,944			99	294	2,337			0	0	

	HOV		
	5 Hour (5 Hours assumed)	24 Hours	Peak Hour (4:00 PM - 5:00 PM)
Highway Passengers	2,337	1,699	704
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	1,944	1,544	673
Autos and Motorcycles	1,156	898	442
Average Auto Occupancy (Includes Motorcycles)	1.68	1.72	1.52

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, 2007

Time	1 Vehicle	2 Vehicles	3+ Vehicles	Vans	Avg Auto Occ.	3+ Avg Auto Occ. (MC)	Motorcycles	Total Auto + MC	Total Auto Persons +MC Riders	Buses		Bus Passengers		Passengers +MC Riders	Trucks	Total		Rail	
										Transit	Other	Trans	Other	+ Bus Pass		Vehicles	Metro	Comm.	
3:00 - 3:30	979	122	7	5	1.17	6.75	4	1,117	1,308	0	0	0	0	1,308	75	1,192	0	0	
3:30 - 4:00	1,413	130	14	3	1.13	4.88	2	1,562	1,758	0	0	0	0	1,758	81	1,643	0	0	
4:00 - 4:30	774	148	17	4	1.24	4.95	1	944	1,175	0	0	0	0	1,175	81	1,025	0	0	
4:30 - 5:00	853	84	10	6	1.18	6.75	0	953	1,129	0	0	0	0	1,129	73	1,026	0	0	
5:00 - 5:30	1,006	90	11	3	1.14	5.50	3	1,113	1,266	0	0	0	0	1,266	46	1,159	0	0	
5:30 - 6:00	869	46	4	1	1.07	4.80	2	922	987	0	0	0	0	987	23	945	0	0	
6:00 - 6:30	1,002	47	1	1	1.06	8.50	0	1,051	1,113	0	0	0	0	1,113	70	1,121	0	0	
6:30 - 7:00	860	67	3	1	1.09	5.50	2	933	1,018	0	0	0	0	1,018	107	1,040	0	0	
7:00 - 7:30	1,124	44	1	0	1.04	3.00	1	1,170	1,216	0	0	0	0	1,216	50	1,220	0	0	
7:30 - 8:00	702	31	4	0	1.06	4.00	2	739	782	0	0	0	0	782	87	826	0	0	
Vehicles	9,582	809	72	24				10,504		0	0				693	11,197			
Persons	9,582	1,618	247	288					11,752			0	0	11,752			0	0	

	HOV		
	5 Hour (5 Hours assumed)	24 Hours	Peak Hour (4:00 PM - 5:00 PM)
Highway Passengers	11,752	6,688	2,304
Rail Passengers	0	0	0
Auto and Motorcycle Passengers	11,752	6,688	2,304
Autos and Motorcycles	10,504	5,916	1,897
Average Auto Occupancy (Includes Motorcycles)	1.12	1.13	1.21

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, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Autos + MC		Persons + MC Riders	Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other		Trans	Other					
3:00 - 3:30	199	40	9	2	1.33	4.91	1	251	334	0	0	0	0	334	17	268	
3:30 - 4:00	208	45	6	1	1.27	4.57	0	260	330	0	0	0	0	330	13	273	
4:00 - 4:30	155	45	4	0	1.27	3.75	0	204	260	0	0	0	0	260	8	212	
4:30 - 5:00	194	35	2	0	1.18	4.00	1	232	273	0	0	0	0	273	10	242	
5:00 - 5:30	153	31	11	0	1.31	3.73	2	197	258	0	0	0	0	258	4	201	
5:30 - 6:00	166	42	14	0	1.34	3.36	1	223	298	0	1	0	0	298	12	236	
6:00 - 6:30	181	47	10	1	1.33	3.91	2	241	320	0	1	0	0	320	8	250	
6:30 - 7:00	210	71	10	1	1.36	4.09	0	292	397	0	0	0	0	397	14	306	
7:00 - 7:30	148	37	9	1	1.37	4.60	1	196	269	0	0	0	0	269	4	200	
7:30 - 8:00	165	39	5	0	1.25	3.80	1	210	263	0	1	0	0	263	3	214	
Vehicles	1,779	432	80	6			9	2,306		0	3				93	2,402	
Persons	1,779	864	278	72					3,002			0	0	3,002			

	5 Hour	Peak Hour (6:00 PM - 7:00 PM)
Highway Passengers	3,002	717
Rail Passengers	0	0
Auto and Motorcycle Passengers	3,002	717
Autos and Motorcycles	2,306	533
Average Auto Occupancy (Includes Motorcycles)	1.30	1.35

I-495/I-95 Southbound PM (Md. to Va.)
 I-495 crossing the Woodrow Wilson Bridge
 Facility Total
 No HOV Restrictions at this location
 Spring, 2007

Time	1 Autos	2 Autos	3+ Autos	Van- pools	3+Autos+		Motor- cycles (MC)	Total Auto Persons + MC Riders		Buses		Bus Passengers		Total Auto Passengers + MC Riders + Bus Pass.	Trucks	Total Vehicles
					Avg. Auto Occ.	Van-pools Auto Occ.		Transit	Other	Trans	Other					
3:00 - 3:30	1,598	326	27	7	1.24	5.06	11	1,969	2,433	0	0	0	0	2,433	219	2,188
3:30 - 4:00	1,686	376	29	15	1.29	6.45	6	2,112	2,728	0	0	0	0	2,728	217	2,329
4:00 - 4:30	1,841	330	36	6	1.22	4.69	2	2,215	2,700	0	1	0	0	2,700	251	2,467
4:30 - 5:00	1,975	370	33	8	1.22	4.98	3	2,389	2,922	0	0	0	0	2,922	218	2,607
5:00 - 5:30	2,053	430	78	5	1.25	3.64	4	2,570	3,219	0	0	0	0	3,219	196	2,766
5:30 - 6:00	2,047	296	56	7	1.21	4.21	23	2,429	2,927	0	0	0	0	2,927	155	2,584
6:00 - 6:30	2,231	400	66	8	1.24	4.35	7	2,712	3,360	0	0	0	0	3,360	150	2,862
6:30 - 7:00	1,700	320	69	1	1.23	3.44	6	2,096	2,587	0	0	0	0	2,587	156	2,252
7:00 - 7:30	1,249	358	60	3	1.31	3.57	7	1,677	2,197	0	1	0	0	2,197	136	1,814
7:30 - 8:00	1,174	219	20	5	1.22	4.96	3	1,421	1,739	0	2	0	0	1,739	155	1,578
Vehicles	17,554	3,425	474	65			72	21,590		0	4				1,853	23,447
Persons	17,554	6,850	1,556	780					26,812			0	0	26,812		

	5 Hour	Peak Hour (4:30 PM - 5:30 PM)
Highway Passengers	26,812	6,141
Rail Passengers	0	0
Auto and Motorcycle Passengers	26,812	6,141
Autos and Motorcycles	21,590	4,959
Average Auto Occupancy (Includes Motorcycles)	1.24	1.24

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

Travel time run routes were designed to show the differences in speeds and elapsed times between the HOV and non-HOV modes. The HOV routes maximize use of HOV lanes in each corridor, and provide examples of the maximum savings in travel time that can be associated with the current configuration of these HOV facilities. Non-HOV routes parallel the HOV routes on the same facility, except for I-66 (between I-495 and the T. Roosevelt Bridge (Potomac River), where the non-HOV route follows I-495 to U.S. 50 (Arlington Boulevard) and re-joins I-66 at the west end of the span) and Va. 267/Dulles Connector/I-66 (the non-HOV route follows I-495 to the George Washington Memorial Parkway and re-joins I-66 at the T. Roosevelt Bridge).

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Ramp From VA 619 W to I-95 North	0.00	06:45:00 AM	06:45:00 AM	06:30:00 AM	06:30:00 AM
Overhead HOV Sign	0.00				
Begin Barrier-separated HOV lanes	1.70	06:47:08 AM	06:47:11 AM	06:31:45 AM	06:32:10 AM
VA 234 Overpass	2.50	06:47:46 AM	06:48:00 AM	06:32:34 AM	06:32:52 AM
Dumfries Scales	3.60	06:48:36 AM	06:48:51 AM	06:33:33 AM	06:34:10 AM
VA 784 (Dale Boulevard)	6.20	06:51:07 AM	06:51:15 AM	06:35:37 AM	06:36:36 AM
VA 2000 (Opitz Boulevard)	6.80	06:51:39 AM	06:54:50 AM	06:36:58 AM	06:38:15 AM
VA 3000 (Prince William Parkway)	8.30	06:53:13 AM	07:04:26 AM	06:37:36 AM	06:50:47 AM
Occoquan River Bridge	10.60	06:57:34 AM	07:13:04 AM	06:39:19 AM	07:00:48 AM
VA 642 (Lorton Road)	13.40	06:58:35 AM	07:19:39 AM	06:44:25 AM	07:10:47 AM
Newington Overpass	16.30				
VA 644 (Franconia Road)	19.20	07:07:51 AM	07:31:25 AM	06:51:04 AM	07:19:44 AM
I-495 (Capital Beltway)	20.10	07:09:29 AM	07:36:20 AM	06:52:20 AM	07:24:11 AM
VA 648 (Edsall Road)	21.10	07:10:25 AM	07:40:12 AM	06:53:56 AM	07:28:42 AM
VA 236 (Duke Street)	22.80	07:12:23 AM	07:46:16 AM	06:55:32 AM	07:36:00 AM
Seminary Road	24.50	07:13:27 AM	07:52:25 AM	06:56:57 AM	07:42:20 AM
VA 7 (King Street)	25.40	07:14:29 AM	07:55:12 AM	06:57:46 AM	07:45:06 AM
Shirlington Circle (Pedestrian Bridge)	25.90				
VA 120 (Glebe Road)	26.70	07:16:44 AM	07:58:33 AM	06:59:13 AM	07:51:25 AM
Arlington Ridge Road	27.90	07:18:01 AM	08:00:18 AM	07:00:11 AM	07:53:10 AM
End HOV-restricted lanes					
Virginia End of the 14th Street Bridge	29.80	07:22:26 AM	08:13:37 AM	07:02:36 AM	08:09:06 AM
DC End of the 14th Street Bridge	30.20	07:23:11 AM	08:14:19 AM	07:03:25 AM	08:11:23 AM
14th & C Streets, SW	30.90	07:24:41 AM	08:18:20 AM	07:04:45 AM	08:15:23 AM
Elapsed Times (entire route)		00:39:41	01:33:20	00:34:45	01:45:23
Average speeds (MPH - entire route)		46.72	19.86	53.35	17.59
Elapsed Times (HOV portion of route)		00:35:18	01:26:26	00:30:51	01:36:56
Average speeds (MPH - HOV portion of route)		47.76	19.51	54.65	17.39
Elapsed Times (HOV portion of route outside Beltway)		00:22:21	00:49:09	00:20:35	00:52:01
Average speeds (MPH - HOV portion of route outside Beltway)		49.40	22.46	53.64	21.22
Elapsed Times (HOV portion of route inside Beltway)		00:12:57	00:37:17	00:10:16	00:44:55
Average speeds (MPH - HOV portion of route inside Beltway)		44.94	15.61	56.69	12.96

Average speeds above are rounded to nearest 1/100's of a mile

Run Date: 10-Apr-07
 Start Time: 06:45:00 AM

Run Date: 11-Apr-07
 Start Time: 06:45:00 AM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Ramp From VA 619 W to I-95 North	0.00	06:45:00 AM	06:45:00 AM	06:45:00 AM	06:45:00 AM
Overhead HOV Sign	0.00				
Begin Barrier-separated HOV lanes	1.70	06:46:45 AM	06:46:52 AM	06:46:46 AM	06:46:53 AM
VA 234 Overpass	2.50	06:47:29 AM	06:47:31 AM	06:47:33 AM	06:47:35 AM
Dumfries Scales	3.60	06:48:34 AM	06:48:34 AM	06:48:40 AM	06:48:44 AM
VA 784 (Dale Boulevard)	6.20	06:50:46 AM	06:50:49 AM	06:50:52 AM	06:51:05 AM
VA 2000 (Opitz Boulevard)	6.80	06:51:15 AM	06:51:17 AM	06:51:23 AM	06:51:35 AM
VA 3000 (Prince William Parkway)	8.30	06:52:34 AM	06:53:51 AM	06:52:42 AM	06:57:54 AM
Occoquan River Bridge	10.60	06:54:29 AM	06:59:44 AM	06:54:42 AM	07:11:46 AM
VA 642 (Lorton Road)	13.40	06:56:59 AM	07:08:07 AM	06:57:15 AM	07:20:09 AM
Newington Overpass	16.30				
VA 644 (Franconia Road)	19.20	07:02:11 AM	07:16:08 AM	07:02:17 AM	07:27:21 AM
I-495 (Capital Beltway)	20.10	07:03:00 AM	07:18:47 AM	07:02:58 AM	07:30:37 AM
VA 648 (Edsall Road)	21.10	07:04:00 AM	07:22:38 AM	07:03:59 AM	07:34:24 AM
VA 236 (Duke Street)	22.80	07:05:32 AM	07:27:55 AM	07:05:29 AM	07:39:28 AM
Seminary Road	24.50	07:06:57 AM	07:31:33 AM	07:07:00 AM	07:43:14 AM
VA 7 (King Street)	25.40	07:07:45 AM	07:32:33 AM	07:07:56 AM	07:47:29 AM
Shirlington Circle (Pedestrian Bridge)	25.90				
VA 120 (Glebe Road)	26.70	07:08:58 AM	07:34:14 AM	07:09:20 AM	07:51:10 AM
Arlington Ridge Road	27.90	07:10:06 AM	07:35:59 AM	07:10:33 AM	07:52:55 AM
End HOV-restricted lanes					
Virginia End of the 14th Street Bridge	29.80	07:12:30 AM	07:40:01 AM	07:15:08 AM	08:06:27 AM
DC End of the 14th Street Bridge	30.20	07:13:14 AM	07:40:54 AM	07:16:04 AM	08:07:15 AM
14th & C Streets, SW	30.90	07:15:46 AM	07:44:33 AM	07:17:05 AM	08:10:14 AM
Elapsed Times (entire route)		00:30:46	00:59:33	00:32:05	01:25:14
Average speeds (MPH - entire route)		60.26	31.13	57.79	21.75
Elapsed Times (HOV portion of route)		00:25:45	00:53:09	00:28:22	01:19:34
Average speeds (MPH - HOV portion of route)		65.48	31.72	59.44	21.19
Elapsed Times (HOV portion of route outside Beltway)		00:16:15	00:31:55	00:16:12	00:43:44
Average speeds (MPH - HOV portion of route outside Beltway)		67.94	34.59	68.15	25.24
Elapsed Times (HOV portion of route inside Beltway)		00:09:30	00:21:14	00:12:10	00:35:50
Average speeds (MPH - HOV portion of route inside Beltway)		61.26	27.41	47.84	16.24

Landmarks	Mile Point	Times	
		(HOV)	(Non-HOV)
Ramp From VA 619 W to I-95 North	0.00	06:35:00 AM	06:35:00 AM
Overhead HOV Sign	0.00		
Begin Barrier-separated HOV lanes	1.70	06:36:48 AM	06:36:44 AM
VA 234 Overpass	2.50	06:37:23 AM	06:37:25 AM
Dumfries Scales	3.60	06:38:25 AM	06:38:34 AM
VA 784 (Dale Boulevard)	6.20	06:40:40 AM	06:45:23 AM
VA 2000 (Opitz Boulevard)	6.80	06:41:17 AM	06:49:01 AM
VA 3000 (Prince William Parkway)	8.30	06:42:35 AM	07:01:29 AM
Occoquan River Bridge	10.60	06:48:29 AM	07:11:12 AM
VA 642 (Lorton Road)	13.40	06:52:02 AM	07:20:01 AM
Newington Overpass	16.30		
VA 644 (Franconia Road)	19.20	06:57:48 AM	07:29:28 AM
I-495 (Capital Beltway)	20.10	06:58:30 AM	07:34:01 AM
VA 648 (Edsall Road)	21.10	06:59:50 AM	07:40:52 AM
VA 236 (Duke Street)	22.80	07:02:25 AM	07:48:40 AM
Seminary Road	24.50	07:03:55 AM	07:53:31 AM
VA 7 (King Street)	25.40	07:04:48 AM	07:55:57 AM
Shirlington Circle (Pedestrian Bridge)	25.90		
VA 120 (Glebe Road)	26.70	07:08:02 AM	07:57:50 AM
Arlington Ridge Road	27.90	07:09:12 AM	07:59:33 AM
End HOV-restricted lanes			
Virginia End of the 14th Street Bridge	29.80	07:13:35 AM	08:10:26 AM
DC End of the 14th Street Bridge	30.20	07:14:40 AM	08:11:13 AM
14th & C Streets, SW	30.90	07:15:59 AM	08:14:33 AM
Elapsed Times (entire route)		00:40:59	01:39:33
Average speeds (MPH - entire route)		45.24	18.62
Elapsed Times (HOV portion of route)		00:36:47	01:33:42
Average speeds (MPH - HOV portion of route)		45.84	17.99
Elapsed Times (HOV portion of route outside Beltway)		00:21:42	00:57:17
Average speeds (MPH - HOV portion of route outside Beltway)		50.88	19.27
Elapsed Times (HOV portion of route inside Beltway)		00:15:05	00:36:25
Average speeds (MPH - HOV portion of route inside Beltway)		38.59	15.98

ENTIRE ROUTE	30.90			
Mean of Elapsed Times		00:35:39	01:28:37	
Mean time savings				00:52:57
Standard Deviation of Elapsed Times		00:04:04	00:16:00	
Average speeds		53	22	
HOV PORTION OF ROUTE	28.10			
Mean of Elapsed Times		00:31:25	01:21:57	
Mean time savings				00:50:33
Standard Deviation of Elapsed Times		00:04:08	00:15:36	
Average speeds		55	22	
HOV PORTION OF ROUTE (outside Beltway)	18.40			
Mean of Elapsed Times		00:19:25	00:46:49	
Mean time savings				00:27:24
Standard Deviation of Elapsed Times		00:02:40	00:08:39	
Average speeds		58	25	
HOV PORTION OF ROUTE (inside Beltway)	9.70			
Mean of Elapsed Times		00:12:00	00:35:08	
Mean time savings				00:23:09
Standard Deviation of Elapsed Times		00:01:59	00:07:41	
Average speeds		50	18	

Average speeds above are rounded to nearest mile

Spring, 2007

I-66 (Eastbound - A.M. Peak Direction)

Run Date: 27-Mar-07

Run Date: 28-Mar-07

Start Time: 06:45:00 AM

Start Time: 06:45:00 AM

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
U.S. 15	0.00	0.00	06:45:00 AM	06:45:00 AM	06:45:00 AM	06:45:00 AM
625 Overpass	0.40	0.40	06:45:03 AM	06:45:31 AM	06:45:30 AM	06:45:35 AM
Gainesville Entrance ramp - U.S. 29 N to I-66 E	2.60	2.60	06:46:56 AM	06:47:40 AM	06:47:26 AM	06:48:10 AM
Va. 234 (Sudley Road)	6.90	6.90	06:51:28 AM	07:04:07 AM	06:49:14 AM	06:52:35 AM
(Begin concurrent-flow HOV lane)						
Bull Run (Prince William Co./Fairfax Co. line)	8.30	8.30	06:54:59 AM	07:08:03 AM	06:53:40 AM	06:57:20 AM
U.S. 29 (at Centreville)	11.70	11.70	06:58:48 AM	07:13:36 AM	06:57:08 AM	07:01:25 AM
Va. 28 (Sully Road)	12.70	12.70	07:00:00 AM	07:17:56 AM	06:58:30 AM	07:03:10 AM
Va. 7100 (Fairfax Co. Parkway)	15.20	15.20	07:05:32 AM	07:23:36 AM	07:02:45 AM	07:08:30 AM
U.S. 50 (Lee Jackson Highway)	17.50	17.50	07:15:15 AM	07:33:10 AM	07:12:34 AM	07:16:32 AM
Va. 123 (Chain Bridge Road)	19.60	19.60	07:19:39 AM	07:39:57 AM	07:14:55 AM	07:21:25 AM
Va. 243 (Nutley Street)	21.90	21.90	07:25:18 AM	07:47:39 AM	07:17:52 AM	07:25:45 AM
Va. 650 (Gallows Road)	24.20	24.20	07:35:40 AM	07:56:38 AM	07:24:44 AM	07:33:55 AM
<i>(Non-HOV exit I-66 - enter I-495 S)</i>	--	--				
(End concurrent-flow HOV lane)						
(Begin exclusive HOV facility)						
I-495	24.50	--	07:36:11 AM	--	07:25:03 AM	--
U.S. 29 (Lee Highway)	--	24.90	--	07:57:17 AM	--	07:34:10 AM
<i>(Non-HOV exit I-495 - enter U.S. 50 E)</i>	--	--				
Va. 7 (Leesburg Pike)	26.10	--	07:37:24 AM	--	07:26:30 AM	--
Va. 267 (Dulles Connector)	26.60	--	07:38:02 AM	--	07:27:09 AM	--
Sycamore Street	28.70	--	07:41:16 AM	--	07:29:09 AM	--
South Street	--	29.00	--	08:09:59 AM	--	07:48:19 AM
Va. 120 (N. Glebe Road)	31.10	--	07:43:59 AM	--	07:31:15 AM	--
Va. 120 (Glebe Road)	--	32.60	--	08:18:41 AM	--	07:54:58 AM
Rosslyn Tunnel	34.00	--	07:48:04 AM	--	07:34:41 AM	--
(End exclusive HOV facility east of Rosslyn Tunnel)						
<i>(Non-HOV Re-enter I-66 east of Rosslyn)</i>	--	--				
T. Roosevelt Bridge (Va. end)	34.70	35.70	07:49:07 AM	08:33:00 AM	07:35:36 AM	08:04:20 AM
T. Roosevelt Bridge (D.C. end)	35.10	36.10	07:49:59 AM	08:34:57 AM	07:36:07 AM	08:05:10 AM
23rd Street & Constitution Avenue, N.W.	35.30	36.40	07:53:30 AM	08:36:35 AM	07:38:31 AM	08:08:10 AM
Elapsed Times (entire route)			01:08:30	01:51:35	00:53:31	01:23:10
Average speeds (MPH - entire route)			30.92	19.57	39.58	26.26
Elapsed Times (concurrent-flow HOV outside Beltway)			00:44:12	00:52:31	00:35:30	00:41:20
Average speeds (MPH - concurrent-flow HOV outside Beltway)			23.48	19.77	29.24	25.11
Elapsed Times (exclusive HOV inside Beltway)			00:13:27	00:36:22	00:10:52	00:30:25
Average speeds (MPH - exclusive HOV inside Beltway)			46.84	18.97	57.98	22.68
Elapsed Times (HOV portion of route)			00:57:39	01:28:53	00:46:22	01:11:45
Average speeds (MPH - HOV portion of route)			28.93	18.77	35.97	23.25

Average speeds above are rounded to nearest 1/100's of a mile

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
U.S. 15	0.00	0.00	06:30:00 AM	06:30:00 AM	07:00:00 AM	07:00:00 AM
625 Overpass	0.40	0.40	06:30:04 AM	06:31:03 AM	07:00:28 AM	07:00:30 AM
Gainesville Entrance ramp - U.S. 29 N to I-66 E	2.60	2.60	06:32:00 AM	06:32:17 AM	07:02:10 AM	07:02:25 AM
Va. 234 (Sudley Road)	6.90	6.90	06:36:27 AM	06:39:32 AM	07:06:05 AM	07:06:23 AM
(Begin concurrent-flow HOV lane)						
Bull Run (Prince William Co./Fairfax Co. line)	8.30	8.30	06:38:22 AM	06:43:16 AM	07:07:15 AM	07:09:44 AM
U.S. 29 (at Centreville)	11.70	11.70	06:41:38 AM	06:47:19 AM	07:10:30 AM	07:12:56 AM
Va. 28 (Sully Road)	12.70	12.70	06:42:42 AM	06:48:51 AM	07:12:00 AM	07:14:29 AM
Va. 7100 (Fairfax Co. Parkway)	15.20	15.20	06:45:00 AM	06:52:41 AM	07:14:30 AM	07:17:27 AM
U.S. 50 (Lee Jackson Highway)	17.50	17.50	06:57:06 AM	07:01:54 AM	07:23:40 AM	07:24:48 AM
Va. 123 (Chain Bridge Road)	19.60	19.60	07:00:26 AM	07:06:28 AM	07:26:42 AM	07:30:08 AM
Va. 243 (Nutley Street)	21.90	21.90	07:03:18 AM	07:11:10 AM	07:30:21 AM	07:34:26 AM
Va. 650 (Gallows Road)	24.20	24.20	07:06:36 AM	07:14:25 AM	07:37:21 AM	07:41:30 AM
<i>(Non-HOV exit I-66 - enter I-495 S)</i>	--	--				
(End concurrent-flow HOV lane)						
(Begin exclusive HOV facility)						
I-495	24.50	--	07:07:15 AM	--	07:38:05 AM	--
U.S. 29 (Lee Highway)	--	24.90	--	07:15:09 AM	--	07:42:30 AM
<i>(Non-HOV exit I-495 - enter U.S. 50 E)</i>	--	--				
Va. 7 (Leesburg Pike)	26.10	--	07:08:44 AM	--	07:39:25 AM	--
Va. 267 (Dulles Connector)	26.60	--	07:09:11 AM	--	07:40:05 AM	--
Sycamore Street	28.70	--	07:11:29 AM	--	07:41:50 AM	--
South Street	--	29.00	--	07:30:28 AM	--	07:57:43 AM
Va. 120 (N. Glebe Road)	31.10	--	07:13:57 AM	--	07:44:40 AM	--
Va. 120 (Glebe Road)	--	32.60	--	07:37:42 AM	--	08:04:16 AM
Rosslyn Tunnel	34.00	--	07:17:05 AM	--	07:47:21 AM	--
(End exclusive HOV facility east of Rosslyn Tunnel)						
<i>(Non-HOV Re-enter I-66 east of Rosslyn)</i>	--	--				
T. Roosevelt Bridge (Va. end)	34.70	35.70	07:17:57 AM	07:44:00 AM	07:48:15 AM	08:16:10 AM
T. Roosevelt Bridge (D.C. end)	35.10	36.10	07:18:28 AM	07:44:50 AM	07:50:01 AM	08:17:16 AM
23rd Street & Constitution Avenue, N.W.	35.30	36.40	07:19:45 AM	07:48:28 AM	07:52:30 AM	08:19:31 AM
Elapsed Times (entire route)			00:49:45	01:18:28	00:52:30	01:19:31
Average speeds (MPH - entire route)			42.57	27.83	40.34	27.47
Elapsed Times (concurrent-flow HOV outside Beltway)			00:30:09	00:34:53	00:31:16	00:35:07
Average speeds (MPH - concurrent-flow HOV outside Beltway)			34.43	29.76	33.20	29.56
Elapsed Times (exclusive HOV inside Beltway)			00:11:21	00:29:35	00:10:54	00:34:40
Average speeds (MPH - exclusive HOV inside Beltway)			55.51	23.32	57.80	19.90
Elapsed Times (HOV portion of route)			00:41:30	01:04:28	00:42:10	01:09:47
Average speeds (MPH - HOV portion of route)			40.19	25.87	39.56	23.90

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Times (HOV) (Non- HOV)		
U.S. 15	0.00	0.00	06:45:00 AM	06:45:00 AM	
625 Overpass	0.40	0.40	06:46:10 AM	06:45:09 AM	
Gainesville Entrance ramp - U.S. 29 N to I-66 E	2.60	2.60	06:47:35 AM	06:47:43 AM	
Va. 234 (Sudley Road)	6.90	6.90	06:51:40 AM	06:54:38 AM	
(Begin concurrent-flow HOV lane)					
Bull Run (Prince William Co./Fairfax Co. line)	8.30	8.30	06:53:17 AM	06:57:46 AM	
U.S. 29 (at Centreville)	11.70	11.70	06:56:28 AM	07:01:08 AM	
Va. 28 (Sully Road)	12.70	12.70	06:57:37 AM	07:09:06 AM	
Va. 7100 (Fairfax Co. Parkway)	15.20	15.20	07:08:09 AM	07:16:02 AM	
U.S. 50 (Lee Jackson Highway)	17.50	17.50	07:17:48 AM	07:24:57 AM	
Va. 123 (Chain Bridge Road)	19.60	19.60	07:21:24 AM	07:29:23 AM	
Va. 243 (Nutley Street)	21.90	21.90	07:23:20 AM	07:34:19 AM	
Va. 650 (Gallows Road)	24.20	24.20	07:30:38 AM	07:46:12 AM	
<i>(Non-HOV exit I-66 - enter I-495 S)</i>	--	--			
(End concurrent-flow HOV lane)					
(Begin exclusive HOV facility)					
I-495	24.50	--	07:33:49 AM	--	
U.S. 29 (Lee Highway)	--	24.90	--	07:47:13 AM	
<i>(Non-HOV exit I-495 - enter U.S. 50 E)</i>	--	--			
Va. 7 (Leesburg Pike)	26.10	--	07:35:45 AM	--	
Va. 267 (Dulles Connector)	26.60	--	07:36:21 AM	--	
Sycamore Street	28.70	--	07:38:25 AM	--	
		South Street	--	29.00	08:00:13 AM
Va. 120 (N. Glebe Road)	31.10	--	07:40:43 AM	--	
		Va. 120 (Glebe Road)	--	32.60	08:07:37 AM
Rosslyn Tunnel	34.00	--	07:43:27 AM	--	
(End exclusive HOV facility east of Rosslyn Tunnel)					
<i>(Non-HOV Re-enter I-66 east of Rosslyn)</i>	--	--			
T. Roosevelt Bridge (Va. end)	34.70	35.70	07:43:37 AM	08:18:54 AM	
T. Roosevelt Bridge (D.C. end)	35.10	36.10	07:44:02 AM	08:20:50 AM	
23rd Street & Constitution Avenue, N.W.	35.30	36.40	07:44:48 AM	08:22:56 AM	
Elapsed Times (entire route)			00:59:48	01:37:56	
Average speeds (MPH - entire route)			35.42	22.30	
Elapsed Times (concurrent-flow HOV outside Beltway)			00:38:58	00:51:34	
Average speeds (MPH - concurrent-flow HOV outside Beltway)			26.64	20.13	
Elapsed Times (exclusive HOV inside Beltway)			00:12:59	00:32:42	
Average speeds (MPH - exclusive HOV inside Beltway)			48.52	21.10	
Elapsed Times (HOV portion of route)			00:51:57	01:24:16	
Average speeds (MPH - HOV portion of route)			32.11	19.79	

ENTIRE ROUTE	35.30	36.40			
Mean of Elapsed Times			00:56:49	01:30:08	
Mean time savings					00:33:19
Standard Deviation of Elapsed Times			00:06:42	00:12:48	
Average speeds			38	25	
HOV PORTION OF ROUTE	27.80	28.80			
Mean of Elapsed Times			00:47:56	01:15:50	
Mean time savings					00:27:54
Standard Deviation of Elapsed Times			00:06:08	00:09:12	
Average speeds			35	22	
HOV PORTION OF ROUTE (Concurrent-flow HOV,	17.30	17.30			
Outside I-495/Beltway)					
Mean of Elapsed Times			00:36:01	00:43:05	
Mean time savings					00:07:04
Standard Deviation of Elapsed Times			00:05:09	00:07:41	
Average speeds			29	25	
HOV PORTION OF ROUTE (Exclusive HOV,	10.50	11.50			
Inside I-495/Beltway)					
Mean of Elapsed Times			00:11:55	00:32:45	
Mean time savings					00:20:50
Standard Deviation of Elapsed Times			00:01:05	00:02:32	
Average speeds			44	21	

Average speeds above are rounded to nearest mile

Spring, 2007

I-270 (A.M. Peak Direction - Southbound)

Run Date: 18-Apr-07
Start Time: 06:45:00 AM

Run Date: 01-May-07
Start Time: 06:45:00 AM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	06:45:00 AM	06:45:00 AM	06:45:00 AM	06:45:00 AM
Hyattstown scales	1.50	06:46:47 AM	06:46:57 AM	06:47:17 AM	06:47:32 AM
Md. 121	3.90	06:49:16 AM	06:49:27 AM	06:50:10 AM	06:50:11 AM
Md. 27 (Father Hurley Blvd.)	6.50	06:52:33 AM	06:52:45 AM	06:52:45 AM	06:52:47 AM
Md. 118 (Germantown Rd.)	7.50	06:55:23 AM	06:55:38 AM	06:57:43 AM	06:58:26 AM
Middlebrook Rd.	8.30	06:56:39 AM	06:56:51 AM	07:01:16 AM	07:03:04 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:00:20 AM	07:00:26 AM	07:09:30 AM	07:10:51 AM
Md. 117 (Clopper Rd.)	11.50	07:01:35 AM	07:01:20 AM	07:10:55 AM	07:12:53 AM
Begin Concurrent-flow HOV					
I-370 (Sam Eig Hwy.)	13.00	07:02:20 AM	07:02:42 AM	07:13:17 AM	07:16:42 AM
Shady Grove Rd.	13.90	07:02:50 AM	07:03:01 AM	07:16:46 AM	07:21:38 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:03:36 AM	07:09:13 AM	07:21:44 AM	07:27:33 AM
Md. 189 (Falls Rd.)	16.80	07:04:15 AM	07:10:23 AM	07:22:47 AM	07:28:43 AM
Montrose Rd.	18.20	07:08:39 AM	07:12:29 AM	07:24:14 AM	07:30:10 AM
Tuckerman Lane (I-270 "split")	19.60	07:10:05 AM	07:14:29 AM	07:25:35 AM	07:31:55 AM
Md. 187 (Old Georgetown Rd.)	20.80	07:10:43 AM	07:15:37 AM	07:26:35 AM	07:33:21 AM
End HOV					
Md. 355/I-495 "split"	22.20	07:12:20 AM	07:17:36 AM	07:28:17 AM	07:34:53 AM
Exit 33 to Md. 185 (Connecticut Ave.)	24.10	07:13:20 AM	07:20:52 AM	07:31:35 AM	07:38:22 AM
Elapsed Times (entire route)		00:28:20	00:35:52	00:46:35	00:53:22
Average speeds (MPH - entire route)		51.04	40.32	31.04	27.10
Elapsed Times (HOV portion of route)		00:09:31	00:16:27	00:14:34	00:17:46
Average speeds (MPH - HOV portion of route)		55.48	32.10	36.25	29.72

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
 I-270 (A.M. Peak Direction - Southbound)

Run Date: 03-May-07
 Start Time: 07:15:00 AM

Landmarks	Mile Point	Times	
		(HOV)	(Non- HOV)
Md. 109	0.00	07:15:00 AM	07:15:00 AM
Hyattstown scales	1.50	07:17:23 AM	07:17:15 AM
Md. 121	3.90	07:20:05 AM	07:19:56 AM
Md. 27 (Father Hurley Blvd.)	6.50	07:22:24 AM	07:22:20 AM
Md. 118 (Germantown Rd.)	7.50	07:23:36 AM	07:23:30 AM
Middlebrook Rd.	8.30	07:24:28 AM	07:24:20 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:28:39 AM	07:28:35 AM
Md. 117 (Clopper Rd.)	11.50	07:29:40 AM	07:29:26 AM
Begin Concurrent-flow HOV			
I-370 (Sam Eig Hwy.)	13.00	07:31:59 AM	07:31:11 AM
Shady Grove Rd.	13.90	07:32:59 AM	07:44:01 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:36:13 AM	07:47:41 AM
Md. 189 (Falls Rd.)	16.80	07:37:39 AM	07:49:18 AM
Montrose Rd.	18.20	07:40:01 AM	07:51:58 AM
Tuckerman Lane (I-270 "split")	19.60	07:41:54 AM	07:53:53 AM
Md. 187 (Old Georgetown Rd.)	20.80	07:43:10 AM	07:54:45 AM
End HOV	21.80	07:44:18 AM	07:56:23 AM
Md. 355/I-495 "split"	22.20	07:44:37 AM	07:56:39 AM
Exit 33 to Md. 185 (Connecticut Ave.)	24.10	07:47:50 AM	08:01:33 AM
Elapsed Times (entire route)		00:32:50	00:46:33
Average speeds (MPH - entire route)		44.04	31.06
Elapsed Times (HOV portion of route)		00:12:19	00:25:12
Average speeds (MPH - HOV portion of route)		42.87	20.95

ENTIRE ROUTE	24.10			
Mean of Elapsed Times		00:35:55	00:45:16	
Mean time savings				00:09:21
Standard Deviation of Elapsed Times		00:07:46	00:07:12	
Average speeds		42	33	
HOV PORTION OF ROUTE	8.80			
Mean of Elapsed Times		00:12:08	00:19:48	
Mean time savings				00:07:40
Standard Deviation of Elapsed Times		00:02:04	00:03:51	
Average speeds		45	28	

Average speeds above are rounded to nearest mile

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	07:00:00 AM	07:00:00 AM	07:00:00 AM	07:00:00 AM
Hyattstown scales	1.50	07:02:02 AM	07:02:02 AM	07:02:19 AM	07:02:20 AM
Md. 121	3.90	07:04:32 AM	07:04:30 AM	07:05:06 AM	07:05:15 AM
Md. 27 (Father Hurley Blvd.)	6.60	07:06:56 AM	07:06:53 AM	07:08:48 AM	07:09:00 AM
Md. 118 (Germantown Rd.)	7.60	07:07:54 AM	07:07:49 AM	07:18:29 AM	07:18:37 AM
Middlebrook Rd.	8.30	07:08:41 AM	07:08:32 AM	07:25:17 AM	07:25:45 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:14:29 AM	07:14:39 AM	07:36:35 AM	07:36:53 AM
Md. 117 (Clopper Rd.)	11.50	07:15:28 AM	07:15:35 AM	07:38:00 AM	07:38:20 AM
Begin Concurrent-flow HOV					
I-370 (Sam Eig Hwy.)	13.00	07:17:39 AM	07:18:18 AM	07:40:48 AM	07:41:10 AM
Shady Grove Rd.	13.90	07:19:23 AM	07:21:52 AM	07:42:52 AM	07:41:58 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:22:46 AM	07:26:06 AM	07:48:42 AM	07:43:58 AM
Md. 189 (Falls Rd.)	16.80	07:23:54 AM	07:27:13 AM	07:50:29 AM	07:54:55 AM
Montrose Rd.	18.20	07:25:43 AM	07:29:38 AM	07:53:37 AM	08:00:01 AM
Tuckerman Lane (I-270 "split")	19.60	07:27:26 AM	07:31:47 AM	07:56:03 AM	08:03:15 AM
Democracy Blvd.	20.70	07:28:25 AM	07:34:16 AM	07:57:04 AM	08:05:40 AM
End HOV		-		-	
End I-270 spur - begin I-495	21.60	07:29:36 AM	07:36:07 AM	07:58:28 AM	08:08:55 AM
Md. 191 (Bradley Blvd.)	21.70	07:30:06 AM	07:36:22 AM	07:58:35 AM	08:09:15 AM
Md. 190 (River Road)	23.00	07:31:08 AM	07:37:38 AM	08:00:09 AM	08:10:45 AM
Elapsed Times (entire route)		00:31:08	00:37:38	01:00:09	01:10:45
Average speeds (MPH - entire route)		44.33	36.67	22.94	19.51
Elapsed Times (HOV portion of route)		00:11:57	00:17:49	00:17:40	00:27:45
Average speeds (MPH - HOV portion of route)		43.18	28.96	29.21	18.59

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
 I-270 Spur (A.M. Peak Direction - Southbound)

Run Date: 24-Apr-07 Run Date: 25-Apr-07
 Start Time: 06:45:00 AM Start Time: 06:45:00 AM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	06:45:00 AM	06:45:00 AM	06:45:00 AM	06:45:00 AM
Hyattstown scales	1.50	06:46:52 AM	06:47:18 AM	06:46:45 AM	06:47:02 AM
Md. 121	3.90	06:49:49 AM	06:49:54 AM	06:49:30 AM	06:49:32 AM
Md. 27 (Father Hurley Blvd.)	6.60	06:52:20 AM	06:52:32 AM	06:52:10 AM	06:52:19 AM
Md. 118 (Germantown Rd.)	7.60	06:56:30 AM	06:55:08 AM	06:55:25 AM	06:55:29 AM
Middlebrook Rd.	8.30	06:58:10 AM	06:57:52 AM	06:57:04 AM	06:57:04 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:01:40 AM	07:01:09 AM	07:01:20 AM	07:01:25 AM
Md. 117 (Clopper Rd.)	11.50	07:02:20 AM	07:01:59 AM	07:02:35 AM	07:02:35 AM
Begin Concurrent-flow HOV					
I-370 (Sam Eig Hwy.)	13.00	07:04:40 AM	07:03:48 AM	07:03:50 AM	07:04:18 AM
Shady Grove Rd.	13.90	07:07:17 AM	07:16:59 AM	07:04:56 AM	07:06:12 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:11:50 AM	07:05:06 AM	07:08:10 AM	07:10:27 AM
Md. 189 (Falls Rd.)	16.80	07:13:08 AM	07:09:27 AM	07:09:35 AM	07:12:47 AM
Montrose Rd.	18.20	07:15:52 AM	07:11:11 AM	07:11:17 AM	07:15:25 AM
Tuckerman Lane (I-270 "split")	19.60	07:17:48 AM	07:12:49 AM	07:13:10 AM	07:18:37 AM
Democracy Blvd.	20.70	07:18:50 AM	07:13:51 AM	07:14:05 AM	07:20:32 AM
End HOV		-			
End I-270 spur - begin I-495	21.60	07:19:55 AM	07:15:27 AM	07:15:30 AM	07:21:29 AM
Md. 191 (Bradley Blvd.)	21.70	07:20:05 AM	-	07:16:05 AM	07:21:59 AM
Md. 190 (River Road)	23.00	07:20:45 AM	07:16:50 AM	07:17:05 AM	07:23:18 AM
Elapsed Times (entire route)		00:35:45	00:31:50	00:32:05	00:38:18
Average speeds (MPH - entire route)		38.60	43.35	43.01	36.03
Elapsed Times (HOV portion of route)		00:15:15	00:11:39	00:11:40	00:17:11
Average speeds (MPH - HOV portion of route)		33.84	44.29	44.23	30.03

Spring, 2007
 I-270 Spur (A.M. Peak Direction - Southbound)

Run Date: 26-Apr-07 Run Date: 26-Apr-07
 Start Time: 06:45:00 AM Start Time: 06:45:00 AM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 109	0.00	06:45:00 AM	06:45:00 AM	06:45:00 AM	06:45:00 AM
Hyattstown scales	1.50	06:47:05 AM	06:48:10 AM	06:47:18 AM	06:46:53 AM
Md. 121	3.90	06:48:59 AM	06:51:08 AM	06:50:07 AM	06:49:40 AM
Md. 27 (Father Hurley Blvd.)	6.60	06:50:29 AM	06:53:39 AM	06:52:43 AM	06:52:15 AM
Md. 118 (Germantown Rd.)	7.60	06:52:09 AM	06:55:22 AM	06:57:41 AM	06:57:48 AM
Middlebrook Rd.	8.30	06:53:19 AM	06:56:29 AM	07:01:10 AM	07:02:44 AM
Md. 124 (Quince Orchard Rd.)	10.80	06:58:05 AM	07:01:05 AM	07:05:35 AM	07:10:25 AM
Md. 117 (Clopper Rd.)	11.50	06:58:52 AM	07:01:57 AM	07:08:00 AM	07:12:05 AM
Begin Concurrent-flow HOV					
I-370 (Sam Eig Hwy.)	13.00	07:00:36 AM	07:02:38 AM	07:10:40 AM	07:16:40 AM
Shady Grove Rd.	13.90	07:01:54 AM	07:03:42 AM	07:12:43 AM	07:18:15 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:04:32 AM	07:07:46 AM	07:16:45 AM	07:21:05 AM
Md. 189 (Falls Rd.)	16.80	07:05:26 AM	07:08:56 AM	07:22:49 AM	07:28:05 AM
Montrose Rd.	18.20	07:07:10 AM	07:10:50 AM	07:24:15 AM	07:29:36 AM
Tuckerman Lane (I-270 "split")	19.60	07:08:49 AM	07:12:47 AM	07:25:48 AM	07:31:35 AM
Democracy Blvd.	20.70	07:09:49 AM	07:14:05 AM	07:26:45 AM	07:32:25 AM
End HOV					
End I-270 spur - begin I-495	21.60	07:10:48 AM	07:14:49 AM	07:28:18 AM	07:33:06 AM
Md. 191 (Bradley Blvd.)	21.70	07:10:59 AM	07:15:30 AM	07:28:04 AM	07:34:15 AM
Md. 190 (River Road)	23.00	07:12:49 AM	07:17:19 AM	07:30:29 AM	07:37:30 AM
Elapsed Times (entire route)		00:27:49	00:32:19	00:45:29	00:52:30
Average speeds (MPH - entire route)		49.61	42.70	30.34	26.29
Elapsed Times (HOV portion of route)		00:10:12	00:12:11	00:17:38	00:16:26
Average speeds (MPH - HOV portion of route)		50.59	42.35	29.26	31.40

Spring, 2007
 I-270 Spur (A.M. Peak Direction - Southbound)

Run Date: 02-May-07
 Start Time: 06:45:00 AM

Landmarks	Times		
	Mile Point	(HOV)	(Non-HOV)
Md. 109	0.00	06:45:00 AM	06:45:00 AM
Hyattstown scales	1.50	06:47:16 AM	06:47:05 AM
Md. 121	3.90	06:49:49 AM	06:49:45 AM
Md. 27 (Father Hurley Blvd.)	6.60	06:53:37 AM	06:53:39 AM
Md. 118 (Germantown Rd.)	7.60	06:55:38 AM	06:55:35 AM
Middlebrook Rd.	8.30	06:56:49 AM	06:56:48 AM
Md. 124 (Quince Orchard Rd.)	10.80	07:01:57 AM	07:01:52 AM
Md. 117 (Clopper Rd.)	11.50	07:02:52 AM	07:02:40 AM
Begin Concurrent-flow HOV			
I-370 (Sam Eig Hwy.)	13.00	07:05:54 AM	07:05:00 AM
Shady Grove Rd.	13.90	07:07:11 AM	07:06:41 AM
Md. 28 (W. Montgomery Ave.)	15.90	07:14:50 AM	07:11:00 AM
Md. 189 (Falls Rd.)	16.80	07:16:08 AM	07:12:05 AM
Montrose Rd.	18.20	07:17:43 AM	07:13:03 AM
Tuckerman Lane (I-270 "split")	19.60	07:19:31 AM	07:15:00 AM
Democracy Blvd.	20.70	07:21:27 AM	07:16:50 AM
End HOV			
End I-270 spur - begin I-495	21.60	07:23:20 AM	07:17:48 AM
Md. 191 (Bradley Blvd.)	21.70	07:24:23 AM	07:18:15 AM
Md. 190 (River Road)	23.00	07:25:43 AM	07:22:45 AM
Elapsed Times (entire route)		00:40:43	00:37:45
Average speeds (MPH - entire route)		33.89	36.56
Elapsed Times (HOV portion of route)		00:17:26	00:12:48
Average speeds (MPH - HOV portion of route)		29.60	40.31

ENTIRE ROUTE	23.00			
Mean of Elapsed Times		00:45:31	00:43:01	
Mean time savings				N/A
Standard Deviation of Elapsed Times		00:10:16	00:18:42	
Average speeds		38	34	
HOV PORTION OF ROUTE	8.60			
Mean of Elapsed Times		00:14:33	00:16:33	
Mean time savings				00:02:00
Standard Deviation of Elapsed Times		00:02:59	00:05:08	
Average speeds		37	34	

Average speeds below are rounded to nearest mile

Average speeds are rounded to nearest whole number

Spring, 2007

I-66/VA.267(Dulles Toll Road) (A.M. Peak Direction- Eastbound)

Run Date: 28-Mar-07
 Start Time: 06:45:00 AM

Run Date: 10-Apr-07
 Start Time: 06:30:00 AM

Landmarks	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
Va. 28/Sully Road Toll Plaza- \$0.35 toll	0.00	0.00	06:45:00 AM	06:45:00 AM	06:30:00 AM	06:30:00 AM
Va. 657	0.90	0.90	06:46:10 AM	06:46:14 AM	06:30:50 AM	06:32:07 AM
Va. 7100- Fairfax Co. Parkway	2.50	2.50	06:47:40 AM	06:47:25 AM	06:32:22 AM	06:33:15 AM
Va. 602- Reston Parkway	3.50	3.50	06:48:42 AM	06:48:57 AM	06:33:18 AM	06:34:11 AM
Va. 828- Wiehle Avenue	4.60	4.60	06:49:39 AM	06:49:59 AM	06:34:19 AM	06:35:14 AM
Va. 674- Hunter Mill Road	6.00	6.00	06:51:02 AM	06:51:28 AM	06:35:41 AM	06:36:41 AM
Va. 7- Leesburg Pike	9.80	9.80	06:54:38 AM	06:55:45 AM	06:39:22 AM	06:40:18 AM
Va. 684- Spring Hill Road	10.60	10.60	06:56:24 AM	06:57:12 AM	06:40:20 AM	06:41:14 AM
<i>Non-HOV Leave Va. 267 - Enter I-495 N to G.W. Mem. Pkwy.</i>	--	--				
Va. 123- Dolley Madison Boulevard	12.40	--	06:58:08 AM	--	06:42:02 AM	--
End Dulles Connector - begin I-66	14.90	--	07:00:44 AM	--	06:44:38 AM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	16.90	--	07:06:21 AM	--	06:49:00 AM
Va. 124- Spout Run	20.60	--	07:06:11 AM	--	06:50:29 AM	--
T. Roosevelt Bridge(Va. End)	22.70	--	07:08:37 AM	--	06:52:51 AM	--
<i>HOV and Non-HOV routes converge on T.R. Bridge</i>	--	--				
T. Roosevelt Bridge(D.C. End)	23.10	24.40	07:09:07 AM	07:15:15 AM	06:53:22 AM	06:57:04 AM
23rd Street & Constitution Avenue, N.W.	23.40	24.60	07:09:57 AM	07:16:21 AM	06:54:26 AM	06:57:30 AM
Elapsed Times (entire route)			00:24:57	00:31:21	00:24:26	00:27:30
Average speeds (MPH - entire route)			56.27	47.08	57.46	53.67
Elapsed Times (HOV portion of route)			00:15:44	00:21:21	00:10:20	00:11:14
Average speeds (MPH - HOV portion of route)			56.82	47.49	61.55	56.62

All runs made with SmartTag (electronic toll payment)

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007

I-66/VA.267(Dulles Toll Road) (A.M. Peak Direction- Eastbound)

Run Date: 11-Apr-07
Start Time: 06:45:00 AM

Run Date: 17-Apr-07
Start Time: 07:00:00 AM

Landmarks	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
Va. 28/Sully Road Toll Plaza- \$0.35 toll	0.00	0.00	06:45:00 AM	06:45:00 AM	07:00:00 AM	07:00:00 AM
Va. 657	0.90	0.90	06:46:56 AM	06:46:47 AM	07:00:56 AM	07:04:09 AM
Va. 7100- Fairfax Co. Parkway	2.50	2.50	06:49:20 AM	06:47:14 AM	07:02:24 AM	07:05:49 AM
Va. 602- Reston Parkway	3.50	3.50	06:50:17 AM	06:47:52 AM	07:03:26 AM	07:06:50 AM
Va. 828- Wiehle Avenue	4.60	4.60	06:51:09 AM	06:48:53 AM	07:04:25 AM	07:07:52 AM
Va. 674- Hunter Mill Road	6.00	6.00	06:52:35 AM	06:50:30 AM	07:05:48 AM	07:09:30 AM
Va. 7- Leesburg Pike	9.80	9.80	06:56:41 AM	06:54:36 AM	07:09:53 AM	07:13:59 AM
Va. 684- Spring Hill Road	10.60	10.60	06:58:40 AM	06:56:32 AM	07:11:12 AM	07:15:14 AM
<i>Non-HOV Leave Va. 267 - Enter I-495 N to G.W. Mem. Pkwy</i>	--	--				
Va. 123- Dolley Madison Boulevard	12.40	--	06:59:45 AM	--	07:12:59 AM	--
End Dulles Connector - begin I-66	14.90	--	07:02:08 AM	--	07:15:36 AM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	16.90	--	07:05:45 AM	--	07:23:36 AM
Va. 124- Spout Run	20.60	--	07:08:40 AM	--	07:21:16 AM	--
T. Roosevelt Bridge(Va. End)	22.70	--	07:09:11 AM	--	07:23:15 AM	--
<i>HOV and Non-HOV routes converge on T.R. Bridge</i>	--	--				
T. Roosevelt Bridge(D.C. End)	23.10	24.40	07:10:09 AM	07:14:17 AM	07:23:45 AM	07:33:18 AM
23rd Street & Constitution Avenue, N.W.	23.40	24.60	07:10:38 AM	07:15:05 AM	07:24:58 AM	07:35:31 AM
Elapsed Times (entire route)			00:25:38	00:30:05	00:24:58	00:35:31
Average speeds (MPH - entire route)			54.77	49.06	56.23	41.56
Elapsed Times (HOV portion of route)			00:13:40	00:11:32	00:11:12	00:15:14
Average speeds (MPH - HOV portion of route)			46.54	55.14	56.79	41.75

All runs made with SmartTag (electronic toll payment)

Spring, 2007

I-66/VA.267(Dulles Toll Road) (A.M. Peak Direction- Eastbound)

Run Date: 19-Apr-07
 Start Time: 06:45:00 AM

Run Date: 04-Apr-07
 Start Time: 07:10:00 AM

Landmarks	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
Va. 28/Sully Road Toll Plaza- \$0.35 toll	0.00	0.00	06:45:00 AM	06:45:00 AM	07:10:00 AM	07:10:00 AM
Va. 657	0.90	0.90	06:45:54 AM	06:46:09 AM	07:10:48 AM	07:11:13 AM
Va. 7100- Fairfax Co. Parkway	2.50	2.50	06:47:34 AM	06:49:03 AM	07:12:28 AM	07:12:49 AM
Va. 602- Reston Parkway	3.50	3.50	06:48:32 AM	06:50:56 AM	07:13:32 AM	07:13:46 AM
Va. 828- Wiehle Avenue	4.60	4.60	06:49:35 AM	06:52:03 AM	07:14:39 AM	07:14:47 AM
Va. 674- Hunter Mill Road	6.00	6.00	06:51:05 AM	06:52:40 AM	07:16:14 AM	07:16:20 AM
Va. 7- Leesburg Pike	9.80	9.80	06:55:13 AM	06:59:09 AM	07:20:40 AM	07:21:00 AM
Va. 684- Spring Hill Road	10.60	10.60	06:56:22 AM	07:00:51 AM	07:23:43 AM	07:23:09 AM
<i>Non-HOV Leave Va. 267 - Enter I-495 N to G.W. Mem. Pkwy</i>	--	--				
Va. 123- Dolley Madison Boulevard	12.40	--	06:58:16 AM	--	07:25:35 AM	--
End Dulles Connector - begin I-66	14.90	--	07:00:54 AM	--	07:28:22 AM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	16.90	--	07:10:21 AM	--	07:35:09 AM
Va. 124- Spout Run	20.60	--	07:07:27 AM	--	07:34:20 AM	--
T. Roosevelt Bridge(Va. End)	22.70	--	07:09:14 AM	--	07:36:43 AM	--
<i>HOV and Non-HOV routes converge on T.R. Bridge</i>	--	--				
T. Roosevelt Bridge(D.C. End)	23.10	24.40	07:09:44 AM	07:18:40 AM	07:37:19 AM	07:44:29 AM
23rd Street & Constitution Avenue, N.W.	23.40	24.60	07:10:18 AM	07:19:07 AM	07:38:22 AM	07:46:52 AM
Elapsed Times (entire route)			00:25:18	00:34:07	00:28:22	00:36:52
Average speeds (MPH - entire route)			55.49	43.26	49.49	40.04
Elapsed Times (HOV portion of route)			00:11:22	00:15:51	00:13:43	00:13:09
Average speeds (MPH - HOV portion of route)			55.95	40.13	46.37	48.37
All runs made with SmartTag (electronic toll payment)						

ENTIRE ROUTE (Includes I-66 HOV inside Beltway)	23.40	24.60			
Mean of Elapsed Times			00:25:37	00:32:34	
Mean time savings					00:06:58
Standard Deviation of Elapsed Times			00:01:17	00:03:14	
Average speeds			55	46	
HOV PORTION OF ROUTE (Va. 267 only)	14.90	16.90			
Mean of Elapsed Times			00:12:40	00:14:43	
Mean time savings					00:02:03
Standard Deviation of Elapsed Times			00:01:52	00:03:25	
Average speeds			54	48	

Average speeds above are rounded to nearest mile

Spring, 2007
 U.S.50 (A.M. Peak Direction- Westbound)

Run Date: 03-May-07 Run Date: 03-May-07
 Start Time: 06:40:00 AM Start Time: 06:00:00 AM

Landmarks	Mile Point	03-May-07 06:40:00 AM		03-May-07 06:00:00 AM	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	06:40:00 AM	06:40:00 AM	06:00:00 AM	06:00:00 AM
Patuxent River Bridge	2.30	06:42:27 AM	06:42:27 AM	06:02:27 AM	06:02:35 AM
Begin HOV lane on left	3.20	06:43:15 AM	06:43:15 AM	06:03:15 AM	06:03:25 AM
U.S.301/Md. 301	3.60	06:43:31 AM	06:43:30 AM	06:03:31 AM	06:03:40 AM
Md. 197	5.00	06:44:42 AM	06:44:39 AM	06:04:42 AM	06:04:53 AM
Church Road	6.60	06:46:02 AM	06:45:59 AM	06:06:02 AM	06:06:14 AM
Enterprise Road	8.20	06:47:19 AM	06:47:22 AM	06:07:19 AM	06:07:30 AM
Lottsford Vista Road	9.70	06:48:38 AM	06:48:35 AM	06:08:38 AM	06:08:46 AM
Md. 704(Martin Luther King, Jr. Highway)	10.70	06:49:32 AM	06:49:26 AM	06:09:32 AM	06:09:33 AM
End HOV lane	11.00	06:49:37 AM	06:49:37 AM	06:09:43 AM	06:09:43 AM
I-95/I-495	11.40	06:50:14 AM	06:50:10 AM	06:10:14 AM	06:10:10 AM
Md. 410(East West Highway)	12.60	06:51:30 AM	06:51:26 AM	06:11:30 AM	06:11:20 AM
Exit Md. 202 (Landover Rd.)	13.80	06:55:59 AM	06:55:54 AM	06:15:59 AM	06:12:39 AM
Elapsed Times (entire route)		00:15:59	00:15:54	00:15:59	00:12:39
Average speeds (MPH - entire route)		51.80	52.08	51.80	65.45
Elapsed Times (HOV portion of route)		00:06:22	00:06:22	00:06:28	00:06:18
Average speeds (MPH - HOV portion of route)		73.51	73.51	72.37	74.29

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
 U.S.50 (A.M. Peak Direction- Westbound)

Run Date: 02-May-07 Run Date: 02-May-07
 Start Time: 06:10:00 AM Start Time: 06:45:00 AM

Landmarks	Mile Point	02-May-07 06:10:00 AM		02-May-07 06:45:00 AM	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	06:10:00 AM	06:10:00 AM	06:45:00 AM	06:45:00 AM
Patuxent River Bridge	2.30	06:12:35 AM	06:12:35 AM	06:47:25 AM	06:47:26 AM
Begin HOV lane on left	3.20	06:13:30 AM	06:13:22 AM	06:48:15 AM	06:48:16 AM
U.S.301/Md. 301	3.60	06:13:40 AM	06:13:39 AM	06:48:27 AM	06:48:29 AM
Md. 197	5.00	06:14:55 AM	06:14:50 AM	06:49:37 AM	06:49:41 AM
Church Road	6.60	06:16:17 AM	06:16:15 AM	06:51:05 AM	06:51:39 AM
Enterprise Road	8.20	06:17:34 AM	06:17:32 AM	06:52:25 AM	06:53:07 AM
Lottsford Vista Road	9.70	06:18:49 AM	06:18:50 AM	06:53:42 AM	06:54:45 AM
Md. 704(Martin Luther King, Jr. Highway)	10.70	06:19:42 AM	06:19:43 AM	06:54:32 AM	06:55:41 AM
End HOV lane	11.00	06:19:50 AM	06:19:57 AM	06:54:42 AM	06:55:57 AM
I-95/I-495	11.40	06:20:24 AM	06:20:23 AM	06:55:12 AM	06:56:22 AM
Md. 410(East West Highway)	12.60	06:21:42 AM	06:21:25 AM	06:57:03 AM	06:57:57 AM
Exit Md. 202 (Landover Rd.)	13.80	06:24:48 AM	06:24:20 AM	07:03:33 AM	07:04:00 AM
Elapsed Times (entire route)		00:14:48	00:14:20	00:18:33	00:19:00
Average speeds (MPH - entire route)		55.95	57.77	44.64	43.58
Elapsed Times (HOV portion of route)		00:06:20	00:06:35	00:06:27	00:07:41
Average speeds (MPH - HOV portion of route)		73.89	71.09	72.56	60.91

Spring, 2007
 U.S.50 (A.M. Peak Direction- Westbound)

Run Date: 01-May-07 Run Date: 01-May-07
 Start Time: 07:10:00 AM Start Time: 07:45:00 AM

Landmarks	Mile Point	01-May-07 07:10:00 AM		01-May-07 07:45:00 AM	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	07:10:00 AM	07:10:00 AM	07:45:00 AM	07:45:00 AM
Patuxent River Bridge	2.30	07:12:20 AM	07:12:35 AM	07:47:25 AM	07:47:30 AM
Begin HOV lane on left	3.20	07:13:13 AM	07:13:33 AM	07:48:17 AM	07:48:31 AM
U.S.301/Md. 301	3.60	07:13:24 AM	07:13:47 AM	07:48:32 AM	07:48:48 AM
Md. 197	5.00	07:14:33 AM	07:15:07 AM	07:49:49 AM	07:50:18 AM
Church Road	6.60	07:15:59 AM	07:17:29 AM	07:51:31 AM	07:54:07 AM
Enterprise Road	8.20	07:17:16 AM	07:19:08 AM	07:53:01 AM	07:56:56 AM
Lottsford Vista Road	9.70	07:18:37 AM	07:20:30 AM	07:54:24 AM	07:58:53 AM
Md. 704(Martin Luther King, Jr. Highway)	10.70	07:19:44 AM	07:21:23 AM	07:55:19 AM	07:59:46 AM
End HOV lane	11.00	07:19:50 AM	07:21:39 AM	07:55:29 AM	07:59:57 AM
I-95/I-495	11.40	07:20:15 AM	07:22:03 AM	07:56:00 AM	08:00:25 AM
Md. 410(East West Highway)	12.60	07:21:26 AM	07:23:09 AM	07:57:15 AM	08:01:28 AM
Exit Md. 202 (Landover Rd.)	13.80	07:22:47 AM	07:25:07 AM	07:59:48 AM	08:03:40 AM
Elapsed Times (entire route)		00:12:47	00:15:07	00:14:48	00:18:40
Average speeds (MPH - entire route)		64.77	54.77	55.95	44.36
Elapsed Times (HOV portion of route)		00:06:37	00:08:06	00:07:12	00:11:26
Average speeds (MPH - HOV portion of route)		70.73	57.78	65.00	40.93

Spring, 2007
 U.S.50 (A.M. Peak Direction- Westbound)

Run Date: 26-Apr-07 Run Date: 26-Apr-07
 Start Time: 08:00:00 AM Start Time: 08:45:00 AM

Landmarks

	Mile Point	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	08:00:00 AM	08:00:00 AM	08:45:00 AM	08:45:00 AM
Patuxent River Bridge	2.30	08:02:30 AM	08:02:09 AM	08:47:30 AM	08:46:43 AM
Begin HOV lane on left	3.20	08:02:56 AM	08:03:15 AM	08:47:59 AM	08:47:59 AM
U.S.301/Md. 301	3.60	08:03:34 AM	08:04:02 AM	08:48:30 AM	08:48:36 AM
Md. 197	5.00	08:04:46 AM	08:05:12 AM	08:49:40 AM	08:49:58 AM
Church Road	6.60	08:06:08 AM	08:06:44 AM	08:51:07 AM	08:51:30 AM
Enterprise Road	8.20	08:07:26 AM	08:08:15 AM	08:52:24 AM	08:53:14 AM
Lottsford Vista Road	9.70	08:08:47 AM	08:09:29 AM	08:53:38 AM	08:54:41 AM
Md. 704(Martin Luther King, Jr. Highway)	10.70	08:09:48 AM	08:10:21 AM	08:54:29 AM	08:56:18 AM
End HOV lane	11.00	08:09:52 AM	08:10:36 AM	08:54:40 AM	08:56:32 AM
I-95/I-495	11.40	08:10:34 AM	08:11:03 AM	08:55:07 AM	08:56:46 AM
Md. 410(East West Highway)	12.60	08:12:00 AM	08:12:18 AM	08:56:11 AM	08:57:29 AM
Exit Md. 202 (Landover Rd.)	13.80	08:19:22 AM	08:19:34 AM	08:58:39 AM	09:00:01 AM
Elapsed Times (entire route)		00:19:22	00:19:34		00:13:39 00:15:01
Average speeds (MPH - entire route)		42.75	42.32		60.66 55.14
Elapsed Times (HOV portion of route)		00:06:56	00:07:21		00:06:41 00:08:33
Average speeds (MPH - HOV portion of route)		67.50	63.67		70.02 54.74

ENTIRE ROUTE	13.80			
Mean of Elapsed Times		00:15:44	00:16:17	
Mean time savings				00:00:32
Standard Deviation of Elapsed Times		00:02:07	00:02:21	
Average speeds		54	52	
HOV PORTION OF ROUTE	7.80			
Mean of Elapsed Times		00:06:38	00:07:48	
Mean time savings				00:01:10
Standard Deviation of Elapsed Times		00:00:17	00:01:35	
Average speeds		71	62	

Average speeds below are rounded to nearest mile

Spring, 2007
 U.S.50 (A.M. Off-Peak Direction- Eastbound)

Run Date: 03-May-07 Run Date: 03-May-07
 Start Time: 6:55:00 Start Time: 6:20:00

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	0.00	06:55:00 AM	06:55:00 AM	06:20:00 AM	06:20:00 AM
Md. 410(East-West Highway)	1.80	06:57:11 AM	06:57:05 AM	06:22:08 AM	06:22:08 AM
Non-HOV run use Lane 2 until past Md. 704					
I-95/I495	2.90	06:58:22 AM	06:58:14 AM	06:23:17 AM	06:23:18 AM
Begin HOV lane	3.30	06:58:49 AM	06:58:40 AM	06:23:44 AM	06:23:45 AM
Md. 704(Martin Luther King, Jr. Highway)	3.80	06:59:06 AM	06:58:55 AM	06:24:00 AM	06:24:02 AM
Lottsford Vista Road	4.80	07:00:05 AM	06:59:52 AM	06:24:57 AM	06:25:01 AM
Enterprise Road	6.30	07:01:25 AM	07:01:15 AM	06:26:15 AM	06:26:21 AM
Church Road	7.90	07:02:48 AM	07:02:35 AM	06:27:39 AM	06:27:44 AM
Md. 197	9.50	07:04:12 AM	07:03:58 AM	06:29:01 AM	06:29:08 AM
Md.3/U.S.301	10.90	07:05:25 AM	07:05:12 AM	06:30:13 AM	06:30:22 AM
End HOV lane	11.70	07:06:09 AM	07:05:51 AM	06:30:46 AM	06:30:58 AM
Patuxent River	12.20	07:06:33 AM	07:06:15 AM	06:31:17 AM	06:31:30 AM
HOV and non-HOV runs move to right lane					
Md. 424 ramp	14.40	07:08:17 AM	07:07:59 AM	06:32:58 AM	06:33:15 AM
Elapsed Times (entire route)		00:13:17	00:12:59	00:12:58	00:13:15
Average speeds (MPH - entire route)		65	67	67	65
Elapsed Times (HOV portion of route)		00:07:20	00:07:11	00:07:02	00:07:13
Average speeds (MPH - HOV portion of route)		69	70	72	70

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
 U.S.50 (A.M. Off-Peak Direction- Eastbound)

Run Date: 02-May-07 Run Date: 02-May-07
 Start Time: 7:00:00 Start Time: 6:30:00

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	0.00	07:00:00 AM	07:00:00 AM	06:30:00 AM	06:30:00 AM
Md. 410(East-West Highway)	1.80	07:02:08 AM	07:02:09 AM	06:32:06 AM	06:32:03 AM
Non-HOV run use Lane 2 until past Md. 704					
I-95/I495	2.90	07:03:17 AM	07:03:15 AM	06:33:13 AM	06:33:10 AM
Begin HOV lane	3.30	07:03:42 AM	07:03:44 AM	06:33:39 AM	06:33:17 AM
Md. 704(Martin Luther King, Jr. Highway)	3.80	07:03:58 AM	07:03:55 AM	06:33:54 AM	06:33:50 AM
Lottsford Vista Road	4.80	07:04:54 AM	07:04:50 AM	06:34:49 AM	06:34:42 AM
Enterprise Road	6.30	07:06:09 AM	07:06:08 AM	06:36:04 AM	06:35:59 AM
Church Road	7.90	07:07:28 AM	07:07:25 AM	06:37:21 AM	06:37:18 AM
Md. 197	9.50	07:08:46 AM	07:08:43 AM	06:38:40 AM	06:38:35 AM
Md.3/U.S.301	10.90	07:09:55 AM	07:09:53 AM	06:39:47 AM	06:39:45 AM
End HOV lane	11.70	07:10:34 AM	07:10:33 AM	06:40:26 AM	06:40:27 AM
Patuxent River	12.20	07:10:59 AM	07:10:59 AM	06:40:49 AM	06:40:49 AM
HOV and non-HOV runs move to right lane					
Md. 424 ramp	14.40	07:12:39 AM	07:12:35 AM	06:42:26 AM	06:42:22 AM
Elapsed Times (entire route)		00:12:39	00:12:35	00:12:26	00:12:22
Average speeds (MPH - entire route)		68	69	69	70
Elapsed Times (HOV portion of route)		00:06:52	00:06:49	00:06:47	00:07:10
Average speeds (MPH - HOV portion of route)		73	74	74	70

Spring, 2007
 U.S.50 (A.M. Off-Peak Direction- Eastbound)

Landmarks	Mile Point	Run Date: 01-May-07		Run Date: 01-May-07	
		Start Time: 8:15:00		Start Time: 7:25:00	
		Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	0.00	08:15:00 AM	08:15:00 AM	07:25:00 AM	07:25:00 AM
Md. 410(East-West Highway)	1.80	08:17:08 AM	08:17:19 AM	07:27:15 AM	07:27:18 AM
Non-HOV run use Lane 2 until past Md. 704					
I-95/I495	2.90	08:18:15 AM	08:18:27 AM	07:28:25 AM	07:28:28 AM
Begin HOV lane	3.30	08:18:41 AM	08:18:51 AM	07:28:52 AM	07:28:40 AM
Md. 704(Martin Luther King, Jr. Highway)	3.80	08:18:53 AM	08:19:06 AM	07:29:07 AM	07:29:08 AM
Lottsford Vista Road	4.80	08:19:51 AM	08:20:04 AM	07:30:03 AM	07:30:03 AM
Enterprise Road	6.30	08:21:12 AM	08:21:25 AM	07:31:22 AM	07:31:28 AM
Church Road	7.90	08:22:34 AM	08:22:50 AM	07:32:44 AM	07:32:46 AM
Md. 197	9.50	08:23:59 AM	08:24:12 AM	07:34:07 AM	07:34:09 AM
Md.3/U.S.301	10.90	08:25:12 AM	08:25:27 AM	07:35:20 AM	07:35:24 AM
End HOV lane	11.70	08:25:54 AM	08:25:56 AM	07:36:02 AM	07:35:50 AM
Patuxent River	12.20	08:26:20 AM	08:26:36 AM	07:36:27 AM	07:36:40 AM
HOV and non-HOV runs move to right lane					
Md. 424 ramp	14.40	08:28:40 AM	08:28:10 AM	07:38:05 AM	07:38:00 AM
Elapsed Times (entire route)		00:13:40	00:13:10	00:13:05	00:13:00
Average speeds (MPH - entire route)		63	66	66	66
Elapsed Times (HOV portion of route)		00:07:13	00:07:05	00:07:10	00:07:10
Average speeds (MPH - HOV portion of route)		70	71	70	70

Spring, 2007
 U.S.50 (A.M. Off-Peak Direction- Eastbound)

Run Date:	Run Date:	26-Apr-07	Run Date:	26-Apr-07
Start Time:	Start Time:	8:30:00	Start Time:	9:05:00

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	0.00	08:30:00 AM	08:30:00 AM	09:05:00 AM	09:05:00 AM
Md. 410(East-West Highway)	1.80	08:30:58 AM	08:32:25 AM	09:07:10 AM	09:05:53 AM
Non-HOV run use Lane 2 until past Md. 704					
I-95/I495	2.90	08:33:34 AM	08:33:33 AM	09:08:18 AM	09:08:17 AM
Begin HOV lane	3.30	08:34:03 AM	08:34:02 AM	09:08:41 AM	09:08:20 AM
Md. 704(Martin Luther King, Jr. Highway)	3.80	08:34:19 AM	08:34:20 AM	09:08:57 AM	09:09:00 AM
Lottsford Vista Road	4.80	08:35:19 AM	08:35:17 AM	09:09:52 AM	09:09:58 AM
Enterprise Road	6.30	08:36:40 AM	08:36:40 AM	09:11:14 AM	09:11:17 AM
Church Road	7.90	08:38:01 AM	08:38:01 AM	09:12:37 AM	09:12:37 AM
Md. 197	9.50	08:39:26 AM	08:39:25 AM	09:14:00 AM	09:13:59 AM
Md.3/U.S.301	10.90	08:40:41 AM	08:40:42 AM	09:15:12 AM	09:15:09 AM
End HOV lane	11.70	08:41:15 AM	08:41:10 AM	09:15:40 AM	09:15:52 AM
Patuxent River	12.20	08:41:52 AM	08:42:49 AM	09:16:18 AM	09:16:18 AM
HOV and non-HOV runs move to right lane					
Md. 424 ramp	14.40	08:43:32 AM	08:43:30 AM	09:17:54 AM	09:18:00 AM
Elapsed Times (entire route)		00:13:32	00:13:30	00:12:54	00:13:00
Average speeds (MPH - entire route)		64	64	67	66
Elapsed Times (HOV portion of route)		00:07:12	00:07:08	00:06:59	00:07:32
Average speeds (MPH - HOV portion of route)		70	71	72	67

ENTIRE ROUTE	14.40			
Mean of Elapsed Times		00:13:04	00:12:59	
Mean time savings				N/A
Standard Deviation of Elapsed Times		00:00:24	00:00:20	
HOV PORTION OF ROUTE	8.40			
Mean of Elapsed Times		00:07:04	00:07:10	
Mean time savings				00:00:05
Standard Deviation of Elapsed Times		00:00:11	00:00:11	

Average speeds above are rounded to nearest mile

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 A.M. Travel Times

Run Date: 11-Apr-07 Run Date: 29-Mar-07
 Start Time: 6:30:00 AM Start Time: 6:30:00 AM

Landmarks	Mile Point		
Ramp from Md. 414 N to I-95/I-495 S	0.0	6:30:00 AM	6:30:00 AM
Livingston Road underpass (look for Cooper sign on left)	1.3	6:31:31 AM	6:33:15 AM
Indian Head Highway overpass	1.8	6:33:21 AM	6:39:51 AM
I-295 overpass	2.9	6:38:15 AM	6:48:22 AM
Begin WWB	3.4	6:39:28 AM	6:50:45 AM
End WWB	4.5	6:41:14 AM	6:52:27 AM
U.S. 1 overpass	5.0	6:41:41 AM	6:52:54 AM
Telegraph Road underpass	6.3	6:43:08 AM	6:54:21 AM
Eisenhower Avenue Connector (end of ramp)	8.2	6:45:08 AM	6:56:12 AM
Elapsed Times (entire route)		00:15:08	00:26:12
Average speeds (MPH - entire route)		32.51	18.78

Average speeds above are rounded to nearest 1/100's of a mile

ENTIRE ROUTE	8.2	
Mean of Elapsed Times		00:20:40
Mean time savings		
Standard Deviation of Elapsed Times		00:05:32
Average speed		26

Average speeds above are rounded to nearest mile

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Virginia to Maryland
 A.M. Travel Times

Run Date: 29-Mar-07 Run Date: 11-Apr-07
 Start Time: 6:55:00 AM Start Time: 7:00:00 AM

Landmarks	Mile Point		
Start run at on-ramp from Eisenhower Avenue Connector	0.0	6:55:00 AM	7:00:00 AM
Telegraph Road underpass	1.8	6:57:11 AM	7:02:01 AM
U.S. 1 overpass	3.2	6:58:38 AM	7:03:29 AM
Begin WWB	3.6	6:59:40 AM	7:04:02 AM
End WWB	4.7	7:01:31 AM	7:05:59 AM
I-295	5.2	7:02:05 AM	7:06:28 AM
Indian Head Highway overpass	6.3	7:03:13 AM	7:07:39 AM
Livingston Road underpass (look for Cooper sign on left)	6.8	7:03:46 AM	7:08:13 AM
Md. 414 (Exit 4B) End of ramp	8.1	7:05:29 AM	7:09:48 AM
Elapsed Times (entire route)		00:10:29	00:09:48
Average speeds (MPH - entire route)		46.36	49.59

Average speeds above are rounded to nearest 1/100's of a mile

ENTIRE ROUTE	8.1	
Mean of Elapsed Times		00:10:09
Mean time savings		
Standard Deviation of Elapsed Times		00:00:21
Average speed		48

Average speeds above are rounded to nearest mile

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

Travel time run routes were designed to show the differences in speeds and elapsed times between the HOV and non-HOV modes. The HOV routes maximize use of HOV lanes in each corridor, and provide examples of the maximum savings in travel time that can be associated with the current configuration of these HOV facilities. Non-HOV routes parallel the HOV routes on the same facility, except for I-66 (between the T. Roosevelt Bridge (Potomac River) and I-495, where the non-HOV route follows U.S. 50 (Arlington Boulevard) to I-495 and re-joins I-66 at the I-495 interchange) and Va. 267/Dulles Connector/I-66 (the non-HOV route follows I-495 to the George Washington Memorial Parkway and re-joins I-66 at the T. Roosevelt Bridge).

Spring, 2007

I-395/95 (Southbound - P.M. Peak Direction)

Run Date: 27-Mar-07
Start Time: 04:45:00 PM

Run Date: 28-Mar-07
Start Time: 05:00:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
14th & C Streets SW	0.00	04:45:00 PM	04:45:00 PM	05:00:00 PM	05:00:00 PM
Begin barrier-separated lanes					
DC End of the 14th Street Bridge	0.06	04:46:52 PM	04:46:20 PM	05:00:59 PM	05:01:06 PM
Begin HOV restriction in barrier-separated lanes					
Virginia End of the 14th Street Bridge	1.10	04:47:25 PM	04:47:17 PM	05:01:32 PM	05:02:43 PM
Arlington Ridge Road	3.00	04:49:13 PM	04:49:10 PM	05:03:27 PM	05:04:42 PM
VA 120 (Glebe Road)	4.20	04:50:10 PM	04:50:12 PM	05:04:33 PM	05:05:53 PM
Shirlington Circle (Pedestrian Bridge)	4.60				
VA 7 (King Street)	5.50	04:51:23 PM	04:53:10 PM	05:05:58 PM	05:07:46 PM
Seminary Road	6.40	04:52:19 PM	04:55:58 PM	05:06:53 PM	05:10:25 PM
VA 236 (Duke Street)	8.10	04:53:48 PM	05:00:56 PM	05:08:32 PM	05:15:07 PM
VA 648 (Edsall Road)	9.80	04:55:26 PM	05:02:54 PM	05:10:58 PM	05:16:50 PM
I-495 (Capital Beltway)	10.80	04:56:34 PM	05:03:57 PM	05:11:04 PM	05:17:50 PM
VA 644 (Franconia Road)	11.70	04:57:56 PM	05:05:03 PM	05:13:36 PM	05:18:58 PM
Newington Overpass	14.20				
VA 642 (Lorton Road)	17.50	05:02:25 PM	05:21:06 PM	05:18:09 PM	05:33:22 PM
Occoquan River Bridge	20.20	05:04:31 PM	05:28:38 PM	05:20:39 PM	05:39:11 PM
VA 3000 (Prince William Parkway)	22.60	05:06:30 PM	05:33:15 PM	05:22:45 PM	05:42:42 PM
VA 2000 (Opitz Boulevard)	24.20	05:07:42 PM	05:34:42 PM	05:24:11 PM	05:44:02 PM
VA 784 (Dale Boulevard)	24.70	05:08:07 PM	05:35:09 PM	05:24:43 PM	05:45:05 PM
Dumfries Scales	27.30	05:10:04 PM	05:37:19 PM	05:27:07 PM	05:54:11 PM
VA 234	28.50	05:10:56 PM	05:38:35 PM	05:31:51 PM	05:55:56 PM
End HOV Lanes	28.90	05:11:41 PM	05:41:00 PM	05:36:10 PM	05:58:30 PM
VA 619	31.30	05:15:12 PM	05:43:38 PM	05:40:09 PM	06:00:07 PM
Elapsed Times (entire route)		00:30:12	00:58:38	00:40:09	01:00:07
Average speeds (entire route)		62.19	32.03	46.77	31.24
Elapsed Times (HOV portion of route)		00:24:16	00:53:43	00:34:38	00:55:47
Average speeds (HOV portion of route)		68.74	31.05	48.16	29.90
Elapsed Times (HOV portion of route inside Beltway)		00:09:09	00:16:40	00:09:32	00:15:07
Average speeds (MPH - HOV portion of route inside Beltway)		63.61	34.92	61.05	38.50
Elapsed Times (HOV portion of route outside Beltway)		00:15:07	00:37:03	00:25:06	00:40:40
Average speeds (MPH - HOV portion of route outside Beltway)		71.84	29.31	43.27	26.70

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007

I-395/95 (Southbound - P.M. Peak Direction)

Run Date: 29-Mar-07

Run Date: 10-Apr-07

Start Time: 04:55:00 PM

Start Time: 04:45:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
14th & C Streets SW	0.00	04:55:00 PM	04:55:00 PM	04:45:00 PM	04:45:00 PM
Begin barrier-separated lanes					
DC End of the 14th Street Bridge	0.06	04:56:09 PM	04:56:38 PM	04:46:25 PM	04:45:59 PM
Begin HOV restriction in barrier-separated lanes					
Virginia End of the 14th Street Bridge	1.10	04:56:51 PM	04:57:47 PM	04:47:23 PM	04:46:39 PM
Arlington Ridge Road	3.00	04:59:24 PM	05:07:56 PM	04:49:23 PM	04:48:38 PM
VA 120 (Glebe Road)	4.20	05:00:28 PM	05:17:30 PM	04:50:43 PM	04:50:27 PM
Shirlington Circle (Pedestrian Bridge)	4.60				
VA 7 (King Street)	5.50	05:01:33 PM	05:19:52 PM	04:52:00 PM	04:53:18 PM
Seminary Road	6.40	05:02:30 PM	05:27:31 PM	04:52:46 PM	04:56:10 PM
VA 236 (Duke Street)	8.10	05:03:56 PM	05:33:45 PM	04:54:23 PM	05:00:31 PM
VA 648 (Edsall Road)	9.80	05:05:32 PM	05:36:59 PM	04:55:56 PM	05:02:20 PM
I-495 (Capital Beltway)	10.80	05:06:41 PM	05:37:34 PM	04:56:51 PM	05:03:29 PM
VA 644 (Franconia Road)	11.70	05:07:58 PM	05:47:25 PM	04:58:05 PM	05:04:50 PM
Newington Overpass	14.20				
VA 642 (Lorton Road)	17.50	05:12:37 PM	06:05:59 PM	05:02:44 PM	05:17:12 PM
Occoquan River Bridge	20.20	05:15:26 PM	06:13:13 PM	05:05:05 PM	05:22:00 PM
VA 3000 (Prince William Parkway)	22.60	05:17:40 PM	06:16:29 PM	05:07:12 PM	05:25:25 PM
VA 2000 (Opitz Boulevard)	24.20	05:18:57 PM	06:17:59 PM	05:08:34 PM	05:26:55 PM
VA 784 (Dale Boulevard)	24.70	05:19:26 PM	06:19:14 PM	05:09:05 PM	05:27:22 PM
Dumfries Scales	27.30	05:21:45 PM	06:24:55 PM	05:11:30 PM	05:29:33 PM
VA 234	28.50	05:36:26 PM	06:28:50 PM	05:13:37 PM	05:31:05 PM
End HOV Lanes	28.90	05:42:44 PM	06:30:59 PM	05:20:30 PM	05:32:15 PM
VA 619	31.30	05:45:07 PM	06:32:59 PM	05:23:07 PM	05:36:28 PM
Elapsed Times (entire route)		00:50:07	01:37:59	00:38:07	00:51:28
Average speeds (entire route)		37.47	19.17	49.27	36.49
Elapsed Times (HOV portion of route)		00:45:53	01:33:12	00:33:07	00:45:36
Average speeds (HOV portion of route)		36.35	17.90	50.37	36.58
Elapsed Times (HOV portion of route inside Beltway)		00:09:50	00:39:47	00:09:28	00:16:50
Average speeds (MPH - HOV portion of route inside Beltway)		59.19	14.63	61.48	34.57
Elapsed Times (HOV portion of route outside Beltway)		00:36:03	00:53:25	00:23:39	00:28:46
Average speeds (MPH - HOV portion of route outside Beltway)		30.12	20.33	45.92	37.75

Landmarks	Mile Point	Times	
		(HOV)	(Non-HOV)
14th & C Streets SW	0.00	03:30:00 PM	03:30:00 PM
Begin barrier-separated lanes			
DC End of the 14th Street Bridge	0.06	03:30:55 PM	03:31:20 PM
Begin HOV restriction in barrier-separated lanes			
Virginia End of the 14th Street Bridge	1.10	03:31:26 PM	03:32:08 PM
Arlington Ridge Road	3.00	03:33:07 PM	03:34:00 PM
VA 120 (Glebe Road)	4.20	03:34:05 PM	03:35:00 PM
Shirlington Circle (Pedestrian Bridge)	4.60		
VA 7 (King Street)	5.50	03:34:20 PM	03:35:54 PM
Seminary Road	6.40	03:35:55 PM	03:37:10 PM
VA 236 (Duke Street)	8.10	03:37:16 PM	03:38:50 PM
VA 648 (Edsall Road)	9.80	03:38:40 PM	03:40:33 PM
I-495 (Capital Beltway)	10.80	03:39:40 PM	03:41:30 PM
VA 644 (Franconia Road)	11.70	03:40:56 PM	03:43:55 PM
Newington Overpass	14.20		
VA 642 (Lorton Road)	17.50	03:45:26 PM	03:59:59 PM
Occoquan River Bridge	20.20	03:47:44 PM	04:06:45 PM
VA 3000 (Prince William Parkway)	22.60	03:49:44 PM	04:10:25 PM
VA 2000 (Opitz Boulevard)	24.20	03:50:57 PM	04:11:55 PM
VA 784 (Dale Boulevard)	24.70	03:51:24 PM	04:12:30 PM
Dumfries Scales	27.30	03:53:19 PM	04:20:00 PM
VA 234	28.50	03:54:15 PM	04:25:10 PM
End HOV Lanes	28.90	03:56:10 PM	04:27:20 PM
VA 619	31.30	03:59:10 PM	04:31:45 PM
Elapsed Times (entire route)		00:29:10	01:01:45
Average speeds (entire route)		64.39	30.41
Elapsed Times (HOV portion of route)		00:24:44	00:55:12
Average speeds (HOV portion of route)		67.44	30.22
Elapsed Times (HOV portion of route inside Beltway)		00:08:14	00:09:22
Average speeds (MPH - HOV portion of route inside Beltway)		70.69	62.14
Elapsed Times (HOV portion of route outside Beltway)		00:16:30	00:45:50
Average speeds (MPH - HOV portion of route outside Beltway)		65.82	23.69

ENTIRE ROUTE	31.30			
Mean of Elapsed Times		00:37:33	01:05:59	
Mean time savings				00:28:26
Standard Deviation of Elapsed Times		00:07:36	00:16:23	
Average speeds		52	30	
HOV PORTION OF ROUTE	28.44			
Mean of Elapsed Times		00:32:32	01:00:42	
Mean time savings				00:28:10
Standard Deviation of Elapsed Times		00:07:54	00:16:39	
Average speeds		54	29	
HOV PORTION OF ROUTE (inside Beltway)	10.74			
Mean of Elapsed Times		00:09:15	00:19:33	
Mean time savings				00:10:19
Standard Deviation of Elapsed Times		00:00:33	00:10:28	
Average speeds		63	37	
HOV PORTION OF ROUTE (outside Beltway)	17.70			
Mean of Elapsed Times		00:23:17	00:41:09	
Mean time savings				00:17:52
Standard Deviation of Elapsed Times		00:07:28	00:08:17	
Average speeds		51	28	

Average speeds above are rounded to nearest mile

Spring, 2007

I-66 (Westbound - P.M. Peak Direction)

Run Date: 28-Mar-07
Start Time: 05:00:00 PM

Run Date: 27-Mar-07
Start Time: 04:45:00 PM

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Avenue, N.W.	0.00	0.00	05:00:00 PM	05:00:00 PM	04:45:00 PM	04:45:00 PM
T. Roosevelt Bridge (D.C. end)	0.30	0.30	05:00:07 PM	05:00:18 PM	04:45:35 PM	04:45:33 PM
T. Roosevelt Bridge (Va. end)	0.70	0.70	05:00:30 PM	05:00:48 PM	04:46:05 PM	04:46:06 PM
<i>(Non-HOV follow U.S. 50/Arlington Boulevard west)</i>	--	--				
(Begin exclusive HOV facility)						
Rosslyn Tunnel	1.40	--	05:01:23 PM		04:46:52 PM	
Va. 120 (Glebe Road)	--	3.80		05:05:06 PM		04:50:51 PM
Va. 120 (N. Glebe Road)	4.30	--	05:04:06 PM		04:49:49 PM	
South Street	--	7.40		05:11:59 PM		05:00:10 PM
Sycamore Street	6.70	--	05:06:21 PM		04:52:15 PM	
Va. 267 (Dulles Connector)	8.70	--	05:08:11 PM		04:54:21 PM	
Va. 7 (Leesburg Pike)	9.30	--	05:08:41 PM		04:54:50 PM	
<i>(Non-HOV exit U.S. 50 W - enter I-495 N)</i>	--	--				
U.S. 29 (Lee Highway)	--	11.10		05:21:28 PM		05:09:42 PM
(End exclusive HOV facility)						
(Begin concurrent-flow HOV lane)						
I-495	10.80	--	05:09:53 PM		04:56:09 PM	
<i>(Non-HOV exit I-495 N - enter I-66 W [Exit 9C])</i>	--	--				
Va. 650 (Gallows Road)	11.10	12.90	05:10:13 PM	05:23:29 PM	04:58:11 PM	05:15:33 PM
Va. 243 (Nutley Street)	13.50	15.10	05:14:07 PM	05:25:59 PM	05:10:41 PM	05:27:25 PM
Va. 123 (Chain Bridge Road)	15.80	17.40	05:18:06 PM	05:32:35 PM	05:19:07 PM	05:40:24 PM
U.S. 50 (Lee Jackson Highway)	17.90	19.50	05:20:32 PM	05:35:42 PM	05:21:57 PM	05:44:10 PM
Va. 7100 (Fairfax Co. Parkway)	20.30	21.80	05:22:50 PM	05:38:19 PM	05:24:25 PM	05:46:33 PM
Va. 28 (Sully Road)	22.70	24.30	05:25:01 PM	05:40:59 PM	05:26:49 PM	05:49:09 PM
U.S. 29 (at Centreville)	23.80	25.40	05:26:11 PM	05:41:59 PM	05:27:42 PM	05:50:02 PM
Bull Run (Fairfax Co./Prince William Co. line)	27.00	28.70	05:30:05 PM	05:46:27 PM	05:30:47 PM	05:53:28 PM
(End concurrent-flow HOV lane)						
Va. 234 (Sudley Road)	28.60	30.10	05:34:20 PM	05:49:09 PM	05:34:56 PM	05:55:20 PM
Gainesville Exit ramp - I-66 W to U.S. 29 S	32.80	34.40	05:37:29 PM	05:57:30 PM	05:37:56 PM	06:00:02 PM
625 Overpass	34.90	36.70	05:39:35 PM	05:58:48 PM	05:40:00 PM	06:02:19 PM
U.S. 15	35.40	37.00	05:40:07 PM	06:00:18 PM	05:40:28 PM	06:03:17 PM
Elapsed Times (entire route)			00:40:07	01:00:18	00:55:28	01:17:19
Average speeds (MPH - entire route)			52.95	36.82	38.29	27.47
Elapsed Times (exclusive HOV inside Beltway)			00:09:23	00:20:40	00:10:04	00:23:36
Average speeds (MPH - exclusive HOV inside Beltway)			64.58	31.21	60.20	27.14
Elapsed Times (concurrent-flow HOV outside Beltway)			00:24:27	00:27:41	00:38:47	00:45:38
Average speeds (MPH - concurrent-flow HOV outside Beltway)			43.68	41.18	27.54	24.98
Elapsed Times (HOV portion of route)			00:33:50	00:48:21	00:48:51	01:09:14
Average speeds (MPH - HOV portion of route)			49.48	36.48	34.27	25.48

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007

I-66 (Westbound - P.M. Peak Direction)

Run Date: 29-Mar-07
Start Time: 04:00:00 PM

Run Date: 19-Apr-07
Start Time: 04:00:00 PM

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Avenue, N.W.	0.00	0.00	04:00:00 PM	04:00:00 PM	04:00:00 PM	04:00:00 PM
T. Roosevelt Bridge (D.C. end)	0.30	0.30	04:00:39 PM	04:00:38 PM	04:00:34 PM	04:00:35 PM
T. Roosevelt Bridge (Va. end)	0.70	0.70	04:01:11 PM	04:01:18 PM	04:01:03 PM	04:01:06 PM
<i>(Non-HOV follow U.S. 50/Arlington Boulevard west)</i>	--	--				
(Begin exclusive HOV facility)						
Rosslyn Tunnel	1.40	--	04:02:04 PM		04:01:15 PM	
Va. 120 (Glebe Road)	--	3.80		04:06:23 PM		04:04:56 PM
Va. 120 (N. Glebe Road)	4.30	--	04:04:54 PM		04:04:37 PM	
South Street	--	7.40		04:15:26 PM		04:10:48 PM
Sycamore Street	6.70	--	04:07:11 PM		04:08:57 PM	
Va. 267 (Dulles Connector)	8.70	--	04:08:58 PM		04:10:59 PM	
Va. 7 (Leesburg Pike)	9.30	--	04:09:43 PM		04:11:30 PM	
<i>(Non-HOV exit U.S. 50 W - enter I-495 N)</i>	--	--				
U.S. 29 (Lee Highway)	--	11.10		04:26:01 PM		04:18:48 PM
(End exclusive HOV facility)						
(Begin concurrent-flow HOV lane)						
I-495	10.80	--	04:10:50 PM		04:12:50 PM	
<i>(Non-HOV exit I-495 N - enter I-66 W [Exit 9C])</i>	--	--				
Va. 650 (Gallows Road)	11.10	12.90	04:11:08 PM	04:29:40 PM	04:14:11 PM	04:21:42 PM
Va. 243 (Nutley Street)	13.50	15.10	04:18:40 PM	04:37:09 PM	04:20:20 PM	04:26:48 PM
Va. 123 (Chain Bridge Road)	15.80	17.40	04:23:40 PM	04:43:07 PM	04:25:17 PM	04:33:59 PM
U.S. 50 (Lee Jackson Highway)	17.90	19.50	04:25:41 PM	04:45:10 PM	04:28:01 PM	04:36:59 PM
Va. 7100 (Fairfax Co. Parkway)	20.30	21.80	04:27:57 PM	04:47:13 PM	04:30:12 PM	04:39:17 PM
Va. 28 (Sully Road)	22.70	24.30	04:30:17 PM	04:49:49 PM	04:32:30 PM	04:42:09 PM
U.S. 29 (at Centreville)	23.80	25.40	04:31:13 PM	04:51:44 PM	04:33:30 PM	04:43:01 PM
Bull Run (Fairfax Co./Prince William Co. line)	27.00	28.70	04:32:35 PM	04:54:33 PM	04:36:32 PM	04:46:13 PM
(End concurrent-flow HOV lane)						
Va. 234 (Sudley Road)	28.60	30.10	04:36:56 PM	04:56:44 PM	04:38:05 PM	04:47:49 PM
Gainesville Exit ramp - I-66 W to U.S. 29 S	32.80	34.40	04:43:58 PM	05:11:01 PM	04:46:02 PM	05:00:28 PM
625 Overpass	34.90	36.70	04:46:03 PM	05:13:13 PM	04:48:13 PM	05:02:37 PM
U.S. 15	35.40	37.00	04:46:15 PM	05:13:42 PM	04:50:02 PM	05:03:25 PM
Elapsed Times (entire route)			00:46:15	01:13:42	00:50:02	01:03:25
Average speeds (MPH - entire route)			45.92	30.12	42.45	35.01
Elapsed Times (exclusive HOV inside Beltway)			00:09:39	00:24:43	00:11:47	00:17:42
Average speeds (MPH - exclusive HOV inside Beltway)			62.80	26.01	51.43	36.72
Elapsed Times (concurrent-flow HOV outside Beltway)			00:26:06	00:30:43	00:25:15	00:29:01
Average speeds (MPH - concurrent-flow HOV outside Beltway)			40.92	37.11	42.30	39.29
Elapsed Times (HOV portion of route)			00:35:45	00:55:26	00:37:02	00:46:43
Average speeds (MPH - HOV portion of route)			46.83	31.82	45.20	37.76

Spring, 2007
 I-66 (Westbound - P.M. Peak Direction)

Run Date: 24-Apr-07
 Start Time: 04:30:00 PM

Landmarks (HOV route and common landmarks on left non-HOV route landmarks on right)	HOV Mile Point	Non- HOV Mile Point	Times	
			(HOV)	(Non- HOV)
23rd Street & Constitution Avenue, N.W.	0.00	0.00	04:30:00 PM	04:30:00 PM
T. Roosevelt Bridge (D.C. end)	0.30	0.30	04:30:36 PM	04:30:34 PM
T. Roosevelt Bridge (Va. end)	0.70	0.70	04:31:06 PM	04:31:08 PM
<i>(Non-HOV follow U.S. 50/Arlington Boulevard west)</i>	--	--		
(Begin exclusive HOV facility)				
Rosslyn Tunnel	1.40	--	04:31:58 PM	
Va. 120 (Glebe Road)	--	3.80		04:35:54 PM
Va. 120 (N. Glebe Road)	4.30	--	04:34:39 PM	
South Street	--	7.40		04:44:25 PM
Sycamore Street	6.70	--	04:36:40 PM	
Va. 267 (Dulles Connector)	8.70	--	04:38:39 PM	
Va. 7 (Leesburg Pike)	9.30	--	04:39:19 PM	
<i>(Non-HOV exit U.S. 50 W - enter I-495 N)</i>	--	--		
U.S. 29 (Lee Highway)	--	11.10		04:55:46 PM
(End exclusive HOV facility)				
(Begin concurrent-flow HOV lane)				
I-495	10.80	--	04:40:22 PM	
<i>(Non-HOV exit I-495 N - enter I-66 W [Exit 9C])</i>	--	--		
Va. 650 (Gallows Road)	11.10	12.90	04:41:06 PM	04:57:59 PM
Va. 243 (Nutley Street)	13.50	15.10	04:43:19 PM	04:59:59 PM
Va. 123 (Chain Bridge Road)	15.80	17.40	04:47:57 PM	05:06:00 PM
U.S. 50 (Lee Jackson Highway)	17.90	19.50	04:50:20 PM	05:08:45 PM
Va. 7100 (Fairfax Co. Parkway)	20.30	21.80	04:52:54 PM	05:11:16 PM
Va. 28 (Sully Road)	22.70	24.30	04:55:30 PM	05:13:38 PM
U.S. 29 (at Centreville)	23.80	25.40	04:56:35 PM	05:14:49 PM
Bull Run (Fairfax Co./Prince William Co. line)	27.00	28.70	05:00:53 PM	05:26:23 PM
(End concurrent-flow HOV lane)				
Va. 234 (Sudley Road)	28.60	30.10	05:02:45 PM	05:28:50 PM
Gainesville Exit ramp - I-66 W to U.S. 29 S	32.80	34.40	05:10:18 PM	05:42:51 PM
625 Overpass	34.90	36.70	05:12:36 PM	05:44:46 PM
U.S. 15	35.40	37.00	05:13:44 PM	05:45:40 PM
Elapsed Times (entire route)			00:43:44	01:15:40
Average speeds (MPH - entire route)			48.57	29.34
Elapsed Times (exclusive HOV inside Beltway)			00:09:16	00:24:38
Average speeds (MPH - exclusive HOV inside Beltway)			65.40	26.01
Elapsed Times (concurrent-flow HOV outside Beltway)			00:22:23	00:33:04
Average speeds (MPH - concurrent-flow HOV outside Beltway)			47.71	34.48
Elapsed Times (HOV portion of route)			00:31:39	00:57:42
Average speeds (MPH - HOV portion of route)			52.89	30.57

ENTIRE ROUTE	32.80	34.40			
Mean of Elapsed Times			00:47:07	01:10:05	
Mean time savings					00:22:58
Standard Deviation of Elapsed Times			00:05:17	00:06:53	
Average speeds			46	32	
HOV PORTION OF ROUTE	27.90	29.40			
Mean of Elapsed Times			00:37:25	00:55:29	
Mean time savings					00:18:04
Standard Deviation of Elapsed Times			00:06:00	00:08:01	
Average speeds			46	32	
HOV PORTION OF ROUTE (Exclusive HOV, Inside I-495)	10.40	12.20			
Mean of Elapsed Times			00:10:02	00:22:16	
Mean time savings					00:12:14
Standard Deviation of Elapsed Times			00:00:55	00:02:43	
Average speeds			61	29	
HOV PORTION OF ROUTE (Concurrent-flow HOV, Outside I-495)	17.50	17.20			
Mean of Elapsed Times			00:27:24	00:33:13	
Mean time savings					00:05:50
Standard Deviation of Elapsed Times			00:05:50	00:06:28	
Average speeds			40	35	

Average speeds above are rounded to nearest mile

Spring, 2007
 I-270 (P.M. Peak Direction - Northbound)

Run Date: 01-May-07 Run Date: 02-May-07
 Start Time: 04:30:00 PM Start Time: 04:00:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Enter I-495 from Md. 185 (Connecticut Avenue)	0.00	04:30:00 PM	04:30:00 PM	04:00:00 PM	04:00:00 PM
Begin I-270 concurrent-flow HOV lane	2.10	04:33:03 PM	04:32:15 PM	04:02:15 PM	04:02:07 PM
Md. 187 (Old Georgetown Rd.)	3.60	04:34:43 PM	04:35:16 PM	04:03:41 PM	04:04:25 PM
Tuckerman Lane (I-270 "split")	4.80	04:36:05 PM	04:37:55 PM	04:04:49 PM	04:05:52 PM
Montrose Rd.	6.20	04:37:27 PM	04:39:21 PM	04:06:09 PM	04:07:32 PM
Md. 189 (Falls Rd.)	7.60	04:38:39 PM	04:40:47 PM	04:07:25 PM	04:08:59 PM
Md. 28 (W. Montgomery Ave.)	8.60	04:39:28 PM	04:41:49 PM	04:08:25 PM	04:10:16 PM
Shady Grove Rd.	10.50	04:40:22 PM	04:43:40 PM	04:10:18 PM	04:11:52 PM
I-370 (Sam Eig Hwy.)	11.40	04:41:22 PM	04:44:32 PM	04:11:01 PM	04:12:39 PM
Md. 117 (Clopper Rd.)	12.90	04:43:37 PM	04:46:32 PM	04:12:54 PM	04:14:49 PM
Md. 124 (Quince Orchard Rd.)	13.50	04:45:20 PM	04:48:12 PM	04:13:38 PM	04:15:48 PM
Middlebrook Rd.	16.00	04:46:22 PM	04:52:35 PM	04:16:03 PM	04:22:39 PM
Md. 118 (Germantown Rd.)	16.80	04:47:06 PM	04:53:19 PM	04:16:43 PM	04:23:38 PM
Md. 27 (Father Hurley Blvd.)	17.80	04:48:15 PM	04:55:33 PM	04:17:39 PM	04:25:17 PM
Md. 121	20.50	04:51:50 PM	05:00:47 PM	04:20:07 PM	04:31:21 PM
(End concurrent-flow HOV lane)					
Hyattstown scales	22.90	04:55:34 PM	05:07:48 PM	04:25:05 PM	04:34:52 PM
Md. 109	24.80	04:59:16 PM	05:09:07 PM	04:26:19 PM	04:38:57 PM
Elapsed Times (entire route)		00:29:16	00:39:07	00:26:19	00:38:57
Average speeds (MPH - entire route)		50.84	38.04	56.54	38.20
Elapsed Times (HOV portion of route)		00:18:47	00:28:32	00:17:52	00:29:14
Average speeds (MPH - HOV portion of route)		58.78	38.69	61.79	37.77

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
 I-270 (P.M. Peak Direction - Northbound)

Run Date: 03-May-07 Run Date: 01-May-07
 Start Time: 04:00:00 PM Start Time: 04:00:00 PM

Landmarks	Mile Point	Times		Times		
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)	
Enter I-495 from Md. 185 (Connecticut Avenue)	0.00		04:00:00 PM	04:00:00 PM	04:00:00 PM	04:00:00 PM
Begin I-270 concurrent-flow HOV lane	2.10		04:02:36 PM	04:03:49 PM	04:02:07 PM	04:02:06 PM
Md. 187 (Old Georgetown Rd.)	3.60		04:04:06 PM	04:07:47 PM	04:04:25 PM	04:04:21 PM
Tuckerman Lane (I-270 "split")	4.80		04:05:16 PM	04:10:50 PM	04:05:52 PM	04:07:07 PM
Montrose Rd.	6.20		04:06:55 PM	04:12:26 PM	04:07:32 PM	04:08:38 PM
Md. 189 (Falls Rd.)	7.60		04:08:09 PM	04:13:59 PM	04:08:59 PM	04:10:49 PM
Md. 28 (W. Montgomery Ave.)	8.60		04:09:01 PM	04:16:09 PM	04:10:16 PM	04:12:34 PM
Shady Grove Rd.	10.50		04:10:48 PM	04:17:27 PM	04:11:52 PM	04:14:27 PM
I-370 (Sam Eig Hwy.)	11.40		04:11:32 PM	04:18:12 PM	04:12:39 PM	04:15:15 PM
Md. 117 (Clopper Rd.)	12.90		04:13:17 PM	04:20:13 PM	04:14:49 PM	04:17:08 PM
Md. 124 (Quince Orchard Rd.)	13.50		04:13:55 PM	04:21:05 PM	04:15:48 PM	04:18:36 PM
Middlebrook Rd.	16.00		04:16:41 PM	04:26:01 PM	04:22:39 PM	04:24:18 PM
Md. 118 (Germantown Rd.)	16.80		04:17:37 PM	04:27:07 PM	04:23:38 PM	04:25:15 PM
Md. 27 (Father Hurley Blvd.)	17.80		04:18:44 PM	04:29:10 PM	04:25:17 PM	04:28:10 PM
Md. 121	20.50		04:22:44 PM	04:34:11 PM	04:31:21 PM	04:31:35 PM
(End concurrent-flow HOV lane)						
Hyattstown scales	22.90		04:26:37 PM	04:37:36 PM	04:34:52 PM	04:35:12 PM
Md. 109	24.80		04:28:16 PM	04:39:24 PM	04:38:57 PM	04:37:07 PM
Elapsed Times (entire route)			00:28:16	00:39:24	00:38:57	00:37:07
Average speeds (MPH - entire route)			52.64	37.77	38.20	40.09
Elapsed Times (HOV portion of route)			00:20:08	00:30:22	00:29:14	00:29:29
Average speeds (MPH - HOV portion of route)			54.83	36.36	37.77	37.44

ENTIRE ROUTE	24.80			
Mean of Elapsed Times		00:30:42	00:38:39	
Mean time savings				00:07:57
Standard Deviation of Elapsed Times		00:04:53	00:00:54	
Average speeds		50	39	
HOV PORTION OF ROUTE	18.40			
Mean of Elapsed Times		00:21:30	00:29:24	
Mean time savings				00:07:54
Standard Deviation of Elapsed Times		00:04:32	00:00:39	
Average speeds		53	38	

Average speeds above are rounded to nearest mile

Spring, 2007
 I-270 Spur (P.M. Peak Direction - Northbound)

Run Date: 26-Apr-07 Run Date: 02-May-07
 Start Time: 04:00:00 PM Start Time: 04:00:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 190 (River Road)	0.00	04:00:00 PM	04:00:00 PM	04:00:00 PM	04:00:00 PM
Begin concurrent-flow HOV	0.80	04:03:31 PM	04:00:58 PM	04:02:45 PM	04:02:48 PM
Md. 191 (Bradley Blvd.)	1.50	04:03:58 PM	04:01:44 PM	04:03:11 PM	04:04:09 PM
Begin I-270 Spur	1.70	04:04:18 PM	04:02:18 PM	04:03:30 PM	04:04:28 PM
Democracy Blvd.	2.50	04:05:14 PM	04:03:17 PM	04:04:27 PM	04:05:44 PM
Tuckerman Lane (I-270 "split")	3.60	04:06:32 PM	04:04:50 PM	04:05:38 PM	04:06:52 PM
Montrose Rd.	5.00	04:07:57 PM	04:06:36 PM	04:06:56 PM	04:09:18 PM
Md. 189 (Falls Rd.)	6.40	04:09:29 PM	04:08:27 PM	04:08:13 PM	04:10:38 PM
Md. 28 (W. Montgomery Ave.)	7.40	04:11:48 PM	04:09:30 PM	04:09:25 PM	04:11:37 PM
Shady Grove Rd.	9.30	04:12:50 PM	04:11:35 PM	04:11:15 PM	04:12:44 PM
I-370 (Sam Eig Hwy.)	10.20	04:14:10 PM	04:12:30 PM	04:12:00 PM	04:13:29 PM
Md. 117 (Clopper Rd.)	11.70	04:15:12 PM	04:16:05 PM	04:13:42 PM	04:17:29 PM
Md. 124 (Quince Orchard Rd.)	12.30	04:15:45 PM	04:19:49 PM	04:14:18 PM	04:19:31 PM
Middlebrook Rd.	14.80	04:19:06 PM	04:27:28 PM	04:16:45 PM	04:23:47 PM
Md. 118 (Germantown Rd.)	15.60	04:21:10 PM	04:30:26 PM	04:17:28 PM	04:24:42 PM
Md. 27 (Father Hurley Blvd.)	16.60	04:22:38 PM	04:33:28 PM	04:18:22 PM	04:25:47 PM
Md. 121	19.30	04:26:33 PM	04:39:50 PM	04:21:07 PM	04:29:09 PM
(End concurrent-flow HOV lane)					
Hyattstown scales	21.50	04:31:04 PM	04:43:50 PM	04:25:26 PM	04:33:23 PM
Md. 109	23.00	04:32:33 PM	04:45:46 PM	04:27:10 PM	04:34:50 PM
Elapsed Times (entire route)		00:32:33	00:45:46	00:27:10	00:34:50
Average speeds (MPH - entire route)		42.40	30.15	50.80	39.62
Elapsed Times (HOV portion of route)		00:23:02	00:38:52	00:18:22	00:26:21
Average speeds (MPH - HOV portion of route)		48.19	28.56	60.44	42.13

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
 I-270 Spur (P.M. Peak Direction - Northbound)

Run Date: 03-May-07 Run Date: 19-Apr-07
 Start Time: 04:00:00 PM Start Time: 04:15:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 190 (River Road)	0.00	04:00:00 PM	04:00:00 PM	04:15:00 PM	04:15:00 PM
Begin concurrent-flow HOV	0.80	04:02:30 PM	04:02:48 PM	04:18:45 PM	04:19:45 PM
Md. 191 (Bradley Blvd.)	1.50	04:02:42 PM	04:03:26 PM	04:20:05 PM	04:20:58 PM
Begin I-270 Spur	1.70	04:02:55 PM	04:04:00 PM	04:20:24 PM	04:21:20 PM
Democracy Blvd.	2.50	04:03:55 PM	04:05:45 PM	04:21:19 PM	04:23:35 PM
Tuckerman Lane (I-270 "split")	3.60	04:05:18 PM	04:07:19 PM	04:22:49 PM	04:25:32 PM
Montrose Rd.	5.00	04:06:32 PM	04:08:45 PM	04:24:11 PM	04:27:01 PM
Md. 189 (Falls Rd.)	6.40	04:07:55 PM	04:10:25 PM	04:25:37 PM	04:28:29 PM
Md. 28 (W. Montgomery Ave.)	7.40	04:08:55 PM	04:11:22 PM	04:26:48 PM	04:29:30 PM
Shady Grove Rd.	9.30	04:10:40 PM	04:13:14 PM	04:28:29 PM	04:31:31 PM
I-370 (Sam Eig Hwy.)	10.20	04:11:30 PM	04:14:08 PM	04:29:22 PM	04:32:25 PM
Md. 117 (Clopper Rd.)	11.70	04:12:58 PM	04:15:39 PM	04:30:59 PM	04:34:55 PM
Md. 124 (Quince Orchard Rd.)	12.30	04:13:30 PM	04:16:17 PM	04:31:52 PM	04:36:30 PM
Middlebrook Rd.	14.80	04:16:04 PM	04:20:36 PM	04:34:40 PM	04:40:43 PM
Md. 118 (Germantown Rd.)	15.60	04:17:05 PM	04:22:33 PM	04:35:34 PM	04:42:09 PM
Md. 27 (Father Hurley Blvd.)	16.60	04:18:30 PM	04:25:20 PM	04:36:31 PM	04:44:10 PM
Md. 121	19.30	04:22:26 PM	04:30:58 PM	04:39:33 PM	04:50:08 PM
(End concurrent-flow HOV lane)					
Hyattstown scales	21.50	04:26:42 PM	04:35:31 PM	04:44:14 PM	04:54:20 PM
Md. 109	23.00	04:28:37 PM	04:37:00 PM	04:45:30 PM	04:55:45 PM
Elapsed Times (entire route)		00:28:37	00:37:00	00:30:30	00:40:45
Average speeds (MPH - entire route)		48.22	37.30	45.25	33.87
Elapsed Times (HOV portion of route)		00:19:56	00:28:10	00:20:48	00:30:23
Average speeds (MPH - HOV portion of route)		55.69	39.41	53.37	36.53

Spring, 2007
 I-270 Spur (P.M. Peak Direction - Northbound)

Run Date: 24-Apr-07 Run Date: 25-Apr-07
 Start Time: 04:15:00 PM Start Time: 03:45:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Md. 190 (River Road)	0.00	04:15:00 PM	04:15:00 PM	03:45:00 PM	03:45:00 PM
Begin concurrent-flow HOV	0.80	04:19:54 PM	04:19:40 PM	03:47:31 PM	03:47:21 PM
Md. 191 (Bradley Blvd.)	1.50	04:20:22 PM	04:20:04 PM	03:47:48 PM	03:48:46 PM
Begin I-270 Spur	1.70	04:20:36 PM	04:20:44 PM	03:48:04 PM	03:49:10 PM
Democracy Blvd.	2.50	04:21:32 PM	04:20:51 PM	03:48:55 PM	03:50:31 PM
Tuckerman Lane (I-270 "split")	3.60	04:22:50 PM	04:24:13 PM	03:50:09 PM	03:52:03 PM
Montrose Rd.	5.00	04:24:10 PM	04:25:55 PM	03:51:29 PM	03:53:29 PM
Md. 189 (Falls Rd.)	6.40	04:25:35 PM	04:27:22 PM	03:52:48 PM	03:54:59 PM
Md. 28 (W. Montgomery Ave.)	7.40	04:26:31 PM	04:28:24 PM	03:53:43 PM	03:55:51 PM
Shady Grove Rd.	9.30	04:28:18 PM	04:30:17 PM	03:55:25 PM	03:57:38 PM
I-370 (Sam Eig Hwy.)	10.20	04:29:15 PM	04:31:17 PM	03:56:14 PM	03:58:30 PM
Md. 117 (Clopper Rd.)	11.70	04:30:44 PM	04:33:24 PM	03:57:35 PM	03:59:55 PM
Md. 124 (Quince Orchard Rd.)	12.30	04:31:22 PM	04:35:09 PM	03:58:21 PM	04:01:16 PM
Middlebrook Rd.	14.80	04:34:04 PM	04:40:04 PM	04:01:05 PM	04:05:52 PM
Md. 118 (Germantown Rd.)	15.60	04:34:48 PM	04:40:48 PM	04:01:51 PM	04:06:38 PM
Md. 27 (Father Hurley Blvd.)	16.60	04:35:44 PM	04:41:45 PM	04:02:48 PM	04:08:30 PM
Md. 121	19.30	04:38:58 PM	04:46:32 PM	04:05:45 PM	04:10:35 PM
(End concurrent-flow HOV lane)					
Hyattstown scales	21.50	04:42:38 PM	04:50:22 PM	04:09:54 PM	04:14:30 PM
Md. 109	23.00	04:43:53 PM	04:51:33 PM	04:11:12 PM	04:15:35 PM
Elapsed Times (entire route)		00:28:53	00:36:33	00:26:12	00:30:35
Average speeds (MPH - entire route)		47.78	37.76	52.67	45.12
Elapsed Times (HOV portion of route)		00:19:04	00:26:52	00:18:14	00:23:14
Average speeds (MPH - HOV portion of route)		58.22	41.32	60.88	47.78

Spring, 2007
 I-270 Spur (P.M. Peak Direction - Northbound)

Run Date: 01-May-07
 Start Time: 04:00:00 PM

Landmarks	Mile Point	Times	
		(HOV)	(Non-HOV)
Md. 190 (River Road)	0.00	04:00:00 PM	04:00:00 PM
Begin concurrent-flow HOV	0.80	04:03:05 PM	04:02:48 PM
Md. 191 (Bradley Blvd.)	1.50	04:05:18 PM	04:04:09 PM
Begin I-270 Spur	1.70	04:05:50 PM	04:04:28 PM
Democracy Blvd.	2.50	04:06:30 PM	04:05:44 PM
Tuckerman Lane (I-270 "split")	3.60	04:07:14 PM	04:06:52 PM
Montrose Rd.	5.00	04:09:11 PM	04:09:18 PM
Md. 189 (Falls Rd.)	6.40	04:10:48 PM	04:10:38 PM
Md. 28 (W. Montgomery Ave.)	7.40	04:11:15 PM	04:11:37 PM
Shady Grove Rd.	9.30	04:12:24 PM	04:12:44 PM
I-370 (Sam Eig Hwy.)	10.20	04:14:08 PM	04:13:29 PM
Md. 117 (Clopper Rd.)	11.70	04:15:40 PM	04:17:29 PM
Md. 124 (Quince Orchard Rd.)	12.30	04:16:21 PM	04:19:31 PM
Middlebrook Rd.	14.80	04:18:52 PM	04:23:47 PM
Md. 118 (Germantown Rd.)	15.60	04:19:41 PM	04:24:42 PM
Md. 27 (Father Hurley Blvd.)	16.60	04:20:37 PM	04:25:47 PM
Md. 121	19.30	04:24:43 PM	04:29:09 PM
(End concurrent-flow HOV lane)			
Hyattstown scales	21.50	04:28:22 PM	04:33:23 PM
Md. 109	23.00	04:29:48 PM	04:34:50 PM
Elapsed Times (entire route)		00:29:48	00:34:50
Average speeds (MPH - entire route)		46.31	39.62
Elapsed Times (HOV portion of route)		00:21:38	00:26:21
Average speeds (MPH - HOV portion of route)		51.31	42.13

ENTIRE ROUTE	23.00	00:29:06	00:37:11	
Mean time savings				00:08:05
Standard Deviation of Elapsed Times		00:01:57	00:04:30	
Average speeds		48	38	
HOV PORTION OF ROUTE	18.50			
Mean of Elapsed Times		00:20:09	00:28:36	
Mean time savings				00:08:27
Standard Deviation of Elapsed Times		00:01:39	00:04:38	
Average speeds		55	40	

Average speeds above are rounded to nearest mile

Spring, 2007

I-66/VA.267(Dulles Toll Road) (P.M. Peak Direction- Westbound)

Run Date: 10-Apr-07
 Start Time: 05:00:00 PM

Run Date: 11-Apr-07
 Start Time: 04:45:00 PM

Landmarks	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Ave, N.W. <i>HOV and Non-HOV routes diverge on T.R. Bridge</i>	0.00	0.00	05:00:00 PM	05:00:00 PM	04:45:00 PM	04:45:00 PM
Va. 124- Spout Run Parkway	2.70	--	05:03:23 PM	--	04:48:30 PM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	7.70	--	05:08:49 PM	--	04:54:50 PM
End I-66 - begin Dulles Connector	8.70	--	05:09:00 PM	--	04:53:35 PM	--
Va. 123- Dolley Madison Blvd. <i>HOV and Non-HOV routes converge on Va. 267 west of I-495</i>	11.00	--	05:11:02 PM	--	04:55:35 PM	--
Va. 684- Spring Hill Road	12.80	13.80	05:12:48 PM	05:17:53 PM	04:57:33 PM	05:06:22 PM
Va. 7- Leesburg Pike	13.50	14.50	05:13:50 PM	05:18:57 PM	04:58:31 PM	05:07:24 PM
Va. 674- Hunter Mill Road	17.30	18.30	05:17:15 PM	05:23:31 PM	05:01:59 PM	05:11:41 PM
Va. 828- Wiehle Avenue	18.70	19.70	05:18:49 PM	05:24:58 PM	05:03:25 PM	05:13:08 PM
Va. 602- Reston Parkway	19.80	20.80	05:19:45 PM	05:26:08 PM	05:04:20 PM	05:14:49 PM
Va. 7100- Fairfax Co. Parkway	20.70	21.70	05:20:37 PM	05:27:26 PM	05:05:05 PM	05:15:05 PM
Va. 657	22.40	23.40	05:22:10 PM	05:29:12 PM	05:06:39 PM	05:17:21 PM
Va. 28/Sully Road (SB) Toll Plaza- \$0.35 toll	24.20	25.20	05:23:50 PM	05:31:04 PM	05:08:35 PM	05:19:26 PM
Elapsed Times (entire route)			00:23:50	00:31:04	00:23:35	00:34:26
Average speeds [MPH] (entire route)			60.92	48.67	61.57	43.91
Elapsed Times (HOV portion of route)			00:14:50	00:22:15	00:15:00	00:24:36
Average speeds (HOV portion of route)			62.70	47.19	62.00	42.68
All runs made with SmartTag (electronic toll payment)			<i>Average speeds above are rounded to nearest 1/100's of a mile</i>			

Spring, 2007

I-66/VA.267(Dulles Toll Road) (P.M. Peak Direction- Westbound)

Run Date: 19-Apr-07
Start Time: 04:30:00 PM

Run Date: 24-Apr-07
Start Time: 04:30:00 PM

Landmarks	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Ave, N.W.	0.00	0.00	04:30:00 PM	04:30:00 PM	04:30:00 PM	04:30:00 PM
<i>HOV and Non-HOV routes diverge on T.R. Bridge</i>						
Va. 124- Spout Run Parkway	2.70	--	04:33:20 PM	--	04:32:56 PM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	7.70	--	04:38:34 PM	--	04:38:50 PM
End I-66 - begin Dulles Connector	8.70	--	04:38:59 PM	--	04:38:25 PM	--
Va. 123- Dolley Madison Blvd.	11.00	--	04:41:22 PM	--	04:40:08 PM	--
<i>HOV and Non-HOV routes converge on Va. 267 west of I-495</i>						
Va. 684- Spring Hill Road	12.80	13.80	04:43:24 PM	04:47:33 PM	04:42:39 PM	04:47:48 PM
Va. 7- Leesburg Pike	13.50	14.50	04:44:25 PM	04:48:36 PM	04:43:57 PM	04:49:10 PM
Va. 674- Hunter Mill Road	17.30	18.30	04:45:33 PM	04:52:48 PM	04:48:59 PM	04:56:21 PM
Va. 828- Wiehle Avenue	18.70	19.70	04:48:04 PM	04:54:31 PM	04:50:32 PM	04:57:59 PM
Va. 602- Reston Parkway	19.80	20.80	04:50:31 PM	04:55:34 PM	04:51:32 PM	04:59:00 PM
Va. 7100- Fairfax Co. Parkway	20.70	21.70	04:51:25 PM	04:56:34 PM	04:52:28 PM	05:00:12 PM
Va. 657	22.40	23.40	04:52:56 PM	04:58:04 PM	04:54:07 PM	05:01:55 PM
Va. 28/Sully Road (SB) Toll Plaza- \$0.35 toll	24.20	25.20	04:54:48 PM	04:59:37 PM	04:55:50 PM	05:04:40 PM
Elapsed Times (entire route)			00:24:48	00:29:37	00:25:50	00:34:40
Average speeds [MPH] (entire route)			58.55	51.05	56.21	43.62
Elapsed Times (HOV portion of route)			00:15:49	00:21:03	00:17:25	00:25:50
Average speeds (HOV portion of route)			58.80	49.88	53.40	40.65
All runs made with SmartTag (electronic toll payment)						

Spring, 2007

I-66/VA.267(Dulles Toll Road) (P.M. Peak Direction- Westbound)

Run Date: 25-Apr-07
Start Time: 04:00:00 PM

Run Date: 04-Apr-07
Start Time: 05:00:00 PM

Landmarks	HOV Mile Point	Non- HOV Mile Point	Times		Times	
			(HOV)	(Non- HOV)	(HOV)	(Non- HOV)
23rd Street & Constitution Ave, N.W. <i>HOV and Non-HOV routes diverge on T.R. Bridge</i>	0.00	0.00	04:00:00 PM	04:00:00 PM	05:00:00 PM	05:00:00 PM
Va. 124- Spout Run Parkway	2.70	--	04:03:24 PM	--	05:03:11 PM	--
G.W. Mem. Pkwy. at CIA/FHWA	--	7.70	--	04:10:31 PM	--	05:08:55 PM
End I-66 - begin Dulles Connector	8.70	--	04:09:20 PM	--	05:08:52 PM	--
Va. 123- Dolley Madison Blvd. <i>HOV and Non-HOV routes converge on Va. 267 west of I-495</i>	11.00	--	04:11:03 PM	--	05:10:57 PM	--
Va. 684- Spring Hill Road	12.80	13.80	04:13:25 PM	04:22:21 PM	05:12:56 PM	05:15:35 PM
Va. 7- Leesburg Pike	13.50	14.50	04:14:26 PM	04:23:28 PM	05:13:42 PM	05:16:59 PM
Va. 674- Hunter Mill Road	17.30	18.30	04:17:47 PM	04:27:12 PM	05:17:22 PM	05:21:09 PM
Va. 828- Wiehle Avenue	18.70	19.70	04:19:12 PM	04:28:37 PM	05:18:42 PM	05:22:20 PM
Va. 602- Reston Parkway	19.80	20.80	04:20:14 PM	04:29:35 PM	05:19:42 PM	05:24:54 PM
Va. 7100- Fairfax Co. Parkway	20.70	21.70	04:20:53 PM	04:30:32 PM	05:20:36 PM	05:25:13 PM
Va. 657	22.40	23.40	04:22:20 PM	04:32:07 PM	05:22:09 PM	05:27:05 PM
Va. 28/Sully Road (SB) Toll Plaza- \$0.35 toll	24.20	25.20	04:24:28 PM	04:34:11 PM	05:22:25 PM	05:28:53 PM
Elapsed Times (entire route)			00:24:28	00:34:11	00:22:25	00:28:53
Average speeds [MPH] (entire route)			59.35	44.23	64.77	52.35
Elapsed Times (HOV portion of route)			00:15:08	00:23:40	00:13:33	00:19:58
Average speeds (HOV portion of route)			61.45	44.37	68.63	52.59
All runs made with SmartTag (electronic toll payment)						

ENTIRE ROUTE (Includes I-66 HOV inside Beltway)	24.20	25.20			
Mean of Elapsed Times			00:24:09	00:32:08	
Mean time savings					00:07:59
Standard Deviation of Elapsed Times			00:01:04	00:02:23	
Average speeds			60	47	
HOV PORTION OF ROUTE (Va. 267 & Dulles Connector	15.50	17.50			
Mean of Elapsed Times			00:15:17	00:22:54	
Mean time savings					00:07:36
Standard Deviation of Elapsed Times			00:01:10	00:02:01	
Average speeds			61	46	

Average speeds above are rounded to nearest mile

Spring, 2007
 U.S.50 (P.M. Peak Direction- Eastbound)

Run Date: 03-May-07 Run Date: 03-May-07
 Start Time: 04:45:00 PM Start Time: 05:15:00 PM

Landmarks	Times		Times	
	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	04:45:00 PM	04:45:00 PM	05:15:00 PM	05:15:00 PM
Md. 410(East-West Highway)	04:47:16 PM	04:47:16 PM	05:17:13 PM	05:17:15 PM
I-95/I495	04:48:24 PM	04:48:26 PM	05:18:23 PM	05:18:31 PM
Begin HOV lane	04:48:50 PM	04:48:53 PM	05:18:54 PM	05:19:03 PM
Md. 704(Martin Luther King, Jr. Highway)	04:49:06 PM	04:49:07 PM	05:19:10 PM	05:19:19 PM
Lottsford Vista Road	04:50:00 PM	04:50:09 PM	05:20:03 PM	05:20:15 PM
Enterprise Road	04:51:27 PM	04:52:14 PM	05:21:28 PM	05:21:48 PM
Church Road	04:52:51 PM	04:53:40 PM	05:22:50 PM	05:23:29 PM
Md. 197	04:54:12 PM	04:55:07 PM	05:24:12 PM	05:24:46 PM
Md.3/U.S.281	04:55:24 PM	04:56:21 PM	05:25:23 PM	05:25:54 PM
End HOV lane	04:56:01 PM	04:57:03 PM	05:26:00 PM	05:26:35 PM
Patuxent River	04:56:26 PM	04:57:28 PM	05:26:25 PM	05:26:59 PM
Md. 424 ramp	04:58:07 PM	04:59:12 PM	05:28:09 PM	05:28:38 PM
Elapsed Times (entire route)	00:13:07	00:14:12		00:13:09 00:13:38
Average speeds (MPH - entire route)	65.87	60.85		65.70 63.37
Elapsed Times (HOV portion of route)	00:07:11	00:08:10		00:07:06 00:07:32
Average speeds (MPH - HOV portion of route)	70.16	61.71		70.99 66.90

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
 U.S.50 (P.M. Peak Direction- Eastbound)

Run Date: 02-May-07
 Start Time: 04:15:00 PM

Run Date: 02-May-07
 Start Time: 04:45:00 PM

Landmarks	Times		Times	
	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	04:15:00 PM	04:15:00 PM	04:45:00 PM	04:45:00 PM
Md. 410(East-West Highway)	04:17:08 PM	04:17:07 PM	04:47:11 PM	04:47:05 PM
I-95/I495	04:18:12 PM	04:18:16 PM	04:48:14 PM	04:48:13 PM
Begin HOV lane	04:18:36 PM	04:18:42 PM	04:48:39 PM	04:48:39 PM
Md. 704(Martin Luther King, Jr. Highway)	04:18:52 PM	04:18:56 PM	04:48:54 PM	04:48:53 PM
Lottsford Vista Road	04:19:49 PM	04:19:52 PM	04:49:48 PM	04:49:48 PM
Enterprise Road	04:21:09 PM	04:21:12 PM	04:51:07 PM	04:51:11 PM
Church Road	04:22:32 PM	04:22:36 PM	04:52:29 PM	04:52:31 PM
Md. 197	04:23:54 PM	04:23:56 PM	04:53:51 PM	04:53:51 PM
Md.3/U.S.281	04:25:04 PM	04:25:08 PM	04:55:03 PM	04:55:02 PM
End HOV lane	04:25:46 PM	04:27:16 PM	04:55:35 PM	04:55:46 PM
Patuxent River	04:27:35 PM	04:28:31 PM	04:56:09 PM	04:56:10 PM
Md. 424 ramp	04:29:27 PM	04:28:39 PM	04:57:43 PM	04:57:54 PM
Elapsed Times (entire route)	00:14:27	00:13:39	00:12:43	00:12:54
Average speeds (MPH - entire route)	59.79	63.30	67.94	66.98
Elapsed Times (HOV portion of route)	00:07:10	00:08:34	00:06:56	00:07:07
Average speeds (MPH - HOV portion of route)	70.33	58.83	72.69	70.82

Spring, 2007
 U.S.50 (P.M. Peak Direction- Eastbound)

Run Date: 01-May-07 Run Date: 01-May-07
 Start Time: 04:45:00 PM Start Time: 05:20:00 PM

Landmarks	Times		Times	
	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	04:45:00 PM	04:45:00 PM	05:20:00 PM	05:20:00 PM
Md. 410(East-West Highway)	04:47:35 PM	04:47:39 PM	05:22:17 PM	05:22:15 PM
I-95/I495	04:48:47 PM	04:48:47 PM	05:23:35 PM	05:23:31 PM
Begin HOV lane	04:49:15 PM	04:49:18 PM	05:24:47 PM	05:24:48 PM
Md. 704(Martin Luther King, Jr. Highway)	04:49:28 PM	04:49:37 PM	05:25:10 PM	05:25:10 PM
Lottsford Vista Road	04:50:28 PM	04:52:36 PM	05:26:20 PM	05:25:55 PM
Enterprise Road	04:51:57 PM	04:55:19 PM	05:27:45 PM	05:31:09 PM
Church Road	04:53:15 PM	04:56:49 PM	05:29:06 PM	05:32:47 PM
Md. 197	04:54:37 PM	04:58:13 PM	05:28:27 PM	05:34:13 PM
Md.3/U.S.281	04:55:50 PM	04:59:27 PM	05:31:41 PM	05:35:24 PM
End HOV lane	04:56:28 PM	05:00:07 PM	05:32:20 PM	05:36:06 PM
Patuxent River	04:57:00 PM	05:00:32 PM	05:32:45 PM	05:36:32 PM
Md. 424 ramp	04:58:23 PM	05:02:20 PM	05:34:19 PM	05:38:14 PM
Elapsed Times (entire route)	00:13:23	00:17:20	00:14:19	00:18:14
Average speeds (MPH - entire route)	64.56	49.85	60.35	47.39
Elapsed Times (HOV portion of route)	00:07:13	00:10:49	00:07:33	00:11:18
Average speeds (MPH - HOV portion of route)	69.84	46.59	66.75	44.60

Spring, 2007
 U.S.50 (P.M. Peak Direction- Eastbound)

Run Date: 26-Apr-07 Run Date: 26-Apr-07
 Start Time: 04:20:00 PM Start Time: 04:50:00 PM

Landmarks	Times		Times	
	(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
U.S. 50 ramp off Md. 202 (Follow signs for U.S.50East)	04:20:00 PM	04:20:00 PM	04:50:00 PM	04:50:00 PM
Md. 410(East-West Highway)	04:22:20 PM	04:21:59 PM	04:51:49 PM	04:52:00 PM
I-95/I495	04:23:52 PM	04:23:45 PM	04:53:15 PM	04:53:09 PM
Begin HOV lane	04:24:29 PM	04:24:10 PM	04:53:37 PM	04:53:37 PM
Md. 704(Martin Luther King, Jr. Highway)	04:24:39 PM	04:24:25 PM	04:53:55 PM	04:53:52 PM
Lottsford Vista Road	04:25:43 PM	04:25:55 PM	04:54:45 PM	04:54:53 PM
Enterprise Road	04:27:10 PM	04:27:57 PM	04:56:20 PM	04:57:18 PM
Church Road	04:28:34 PM	04:29:20 PM	04:57:40 PM	04:58:50 PM
Md. 197	04:29:56 PM	04:28:40 PM	04:58:57 PM	05:00:17 PM
Md.3/U.S.281	04:31:06 PM	04:31:52 PM	05:00:05 PM	05:01:36 PM
End HOV lane	04:31:45 PM	04:32:28 PM	05:00:45 PM	05:02:16 PM
Patuxent River	04:32:10 PM	04:32:55 PM	05:01:28 PM	05:02:41 PM
Md. 424 ramp	04:33:43 PM	04:34:25 PM	05:02:45 PM	05:04:24 PM
Elapsed Times (entire route)	00:13:43	00:14:25	00:12:45	00:14:24
Average speeds (MPH - entire route)	62.99	59.93	67.76	60.00
Elapsed Times (HOV portion of route)	00:07:16	00:08:18	00:07:08	00:08:39
Average speeds (MPH - HOV portion of route)	69.36	60.72	70.65	58.27

ENTIRE ROUTE	14.40			
Mean of Elapsed Times		00:13:27	00:14:51	
Mean time savings				00:01:24
Standard Deviation of Elapsed Times		00:00:37	00:01:46	
Average speeds		64	59	
HOV PORTION OF ROUTE	8.40			
Mean of Elapsed Times		00:07:12	00:08:48	
Mean time savings				00:01:37
Standard Deviation of Elapsed Times		00:00:10	00:01:23	
Average speeds		70	59	

Average speeds above are rounded to nearest mile

Spring, 2007
 U.S.50 (P.M. Off-Peak Direction- Westbound)

Run Date: 03-May-07
 Start Time: 05:00:00 PM

Run Date: 03-May-07
 Start Time: 04:28:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	05:00:00 PM	05:00:00 PM	04:28:00 PM	04:28:00 PM
Patuxent River Bridge	2.30	05:02:32 PM	05:02:33 PM	04:30:42 PM	04:30:40 PM
Begin HOV lane on left	3.20	05:03:29 PM	05:03:15 PM	04:31:37 PM	04:31:41 PM
U.S.281/Md. 281	3.60	05:03:41 PM	05:03:41 PM	04:31:50 PM	04:31:52 PM
Md. 197	5.00	05:04:55 PM	05:04:58 PM	04:33:10 PM	04:33:06 PM
Church Road	6.60	05:06:21 PM	05:06:22 PM	04:34:32 PM	04:34:28 PM
Enterprise Road	8.20	05:07:43 PM	05:07:44 PM	04:35:52 PM	04:35:52 PM
Lottsford Vista Road	9.70	05:08:59 PM	05:09:02 PM	04:37:11 PM	04:37:13 PM
Md. 704(Martin Luther King, Jr. Highway)	10.70	05:09:55 PM	05:09:54 PM	04:38:07 PM	04:38:06 PM
End HOV lane	11.00	05:10:01 PM	05:10:22 PM	04:37:37 PM	04:38:22 PM
I-95/I-495	11.40	05:10:35 PM	05:10:04 PM	04:38:19 PM	04:38:50 PM
Md. 410(East West Highway)	12.60	05:11:42 PM	05:11:44 PM	04:39:55 PM	04:39:59 PM
Exit Md. 202 (Landover Rd.)	13.80	05:12:53 PM	05:12:55 PM	04:41:14 PM	04:41:20 PM
Elapsed Times (entire route)		00:12:53	00:12:55	00:13:14	00:13:20
Average speeds (MPH - entire route)		64.27	64.10	62.57	62.10
Elapsed Times (HOV portion of route)		00:06:32	00:07:07	00:06:00	00:06:41
Average speeds (MPH - HOV portion of route)		71.63	65.76	78.00	70.02

Average speeds above are rounded to nearest 1/100's of a r

Spring, 2007
 U.S.50 (P.M. Off-Peak Direction- Westbound)

Run Date: 02-May-07
 Start Time: 04:28:00 PM

Run Date: 02-May-07
 Start Time: 04:00:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	04:28:00 PM	04:28:00 PM	04:00:00 PM	04:00:00 PM
Patuxent River Bridge	2.30	04:30:34 PM	04:30:31 PM	04:02:49 PM	04:02:43 PM
Begin HOV lane on left	3.20	04:31:29 PM	04:31:29 PM	04:03:49 PM	04:03:44 PM
U.S.281/Md. 281	3.60	04:31:49 PM	04:31:36 PM	04:04:00 PM	04:03:55 PM
Md. 197	5.00	04:32:54 PM	04:32:57 PM	04:05:21 PM	04:05:14 PM
Church Road	6.60	04:34:17 PM	04:34:19 PM	04:06:48 PM	04:06:40 PM
Enterprise Road	8.20	04:35:41 PM	04:35:40 PM	04:08:13 PM	04:08:06 PM
Lottsford Vista Road	9.70	04:36:59 PM	04:37:02 PM	04:09:36 PM	04:09:29 PM
Md. 704(Martin Luther King, Jr. Highway)	10.70	04:37:55 PM	04:37:54 PM	04:10:31 PM	04:10:32 PM
End HOV lane	11.00	04:38:05 PM	04:38:05 PM	04:10:40 PM	04:10:56 PM
I-95/I-495	11.40	04:38:33 PM	04:38:36 PM	04:11:14 PM	04:11:26 PM
Md. 410(East West Highway)	12.60	04:39:41 PM	04:39:48 PM	04:12:25 PM	04:12:25 PM
Exit Md. 202 (Landover Rd.)	13.80	04:40:49 PM	04:40:54 PM	04:13:43 PM	04:13:38 PM
Elapsed Times (entire route)		00:12:49	00:12:54	00:13:43	00:13:38
Average speeds (MPH - entire route)		64.60	64.19	60.36	60.73
Elapsed Times (HOV portion of route)		00:06:36	00:06:36	00:06:51	00:07:12
Average speeds (MPH - HOV portion of route)		70.91	70.91	68.32	65.00

file

Spring, 2007
 U.S.50 (P.M. Off-Peak Direction- Westbound)

Run Date: 01-May-07
 Start Time: 05:05:00 PM

Run Date: 01-May-07
 Start Time: 04:28:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	05:07:32 PM	05:05:00 PM	04:28:00 PM	04:28:00 PM
Patuxent River Bridge	2.30	05:08:25 PM	05:07:33 PM	04:32:29 PM	04:32:32 PM
Begin HOV lane on left	3.20	05:08:38 PM	05:08:32 PM	04:33:20 PM	04:33:27 PM
U.S.281/Md. 281	3.60	05:09:58 PM	05:08:42 PM	04:33:28 PM	04:33:36 PM
Md. 197	5.00	05:11:15 PM	05:09:59 PM	04:34:43 PM	04:34:49 PM
Church Road	6.60	05:12:37 PM	05:11:21 PM	04:36:05 PM	04:36:09 PM
Enterprise Road	8.20	05:13:55 PM	05:12:43 PM	04:37:22 PM	04:37:26 PM
Lottsford Vista Road	9.70	05:14:50 PM	05:14:04 PM	04:38:39 PM	04:38:42 PM
Md. 704(Martin Luther King, Jr. Highway)	10.70	05:14:59 PM	05:14:55 PM	04:39:28 PM	04:39:40 PM
End HOV lane	11.00	05:15:28 PM	05:15:05 PM	04:39:43 PM	04:39:50 PM
I-95/I-495	11.40	05:16:36 PM	05:15:37 PM	04:40:11 PM	04:40:20 PM
Md. 410(East West Highway)	12.60	05:17:53 PM	05:16:47 PM	04:41:16 PM	04:41:25 PM
Exit Md. 202 (Landover Rd.)	13.80	05:20:56 PM	05:18:01 PM	04:42:35 PM	04:42:46 PM
Elapsed Times (entire route)		00:13:24	00:13:01	00:14:35	00:14:46
Average speeds (MPH - entire route)		61.79	63.61	56.78	56.07
Elapsed Times (HOV portion of route)		00:06:50	00:06:33	00:06:23	00:06:23
Average speeds (MPH - HOV portion of route)		68.49	71.45	73.32	73.32

Spring, 2007
 U.S.50 (P.M. Off-Peak Direction- Westbound)

Run Date: 26-Apr-07
 Start Time: 04:00:00 PM

Run Date: 26-Apr-07
 Start Time: 04:35:00 PM

Landmarks	Mile Point	Times		Times	
		(HOV)	(Non-HOV)	(HOV)	(Non-HOV)
Start at Md. 424/ Davidsonville Commuter Lot	0.00	04:00:00 PM	04:00:00 PM	04:35:00 PM	04:35:00 PM
Patuxent River Bridge	2.30	04:02:32 PM	04:02:25 PM	04:37:20 PM	04:37:24 PM
Begin HOV lane on left	3.20	04:03:23 PM	04:03:15 PM	04:38:08 PM	04:38:19 PM
U.S.281/Md. 281	3.60	04:03:34 PM	04:03:35 PM	04:38:27 PM	04:38:27 PM
Md. 197	5.00	04:04:45 PM	04:04:40 PM	04:39:36 PM	04:39:42 PM
Church Road	6.60	04:06:06 PM	04:05:59 PM	04:40:59 PM	04:41:05 PM
Enterprise Road	8.20	04:07:24 PM	04:07:20 PM	04:42:20 PM	04:42:24 PM
Lottsford Vista Road	9.70	04:08:40 PM	04:08:35 PM	04:43:35 PM	04:43:42 PM
Md. 704(Martin Luther King, Jr. Highway)	10.70	04:09:32 PM	04:09:28 PM	04:44:25 PM	04:44:35 PM
End HOV lane	11.00	04:09:42 PM	04:09:40 PM	04:44:36 PM	04:44:49 PM
I-95/I-495	11.40	04:10:12 PM	04:10:10 PM	04:45:10 PM	04:45:15 PM
Md. 410(East West Highway)	12.60	04:11:20 PM	04:11:16 PM	04:46:15 PM	04:46:20 PM
Exit Md. 202 (Landover Rd.)	13.80	04:12:41 PM	04:12:35 PM	04:47:25 PM	04:47:34 PM
Elapsed Times (entire route)		00:12:41	00:12:35		00:12:25 00:12:34
Average speeds (MPH - entire route)		65.28	65.80		66.68 65.89
Elapsed Times (HOV portion of route)		00:06:19	00:06:25		00:06:28 00:06:30
Average speeds (MPH - HOV portion of route)		74.09	72.94		72.37 72.00

ENTIRE ROUTE	13.80			
Mean of Elapsed Times		00:13:13	00:13:13	
Mean time savings				N/A
Standard Deviation of Elapsed Times		00:00:39	00:00:40	
Average speeds		63	63	
HOV PORTION OF ROUTE	7.80			
Mean of Elapsed Times		00:06:30	00:06:41	
Mean time savings				00:00:11
Standard Deviation of Elapsed Times		00:00:16	00:00:17	
Average speeds		72	70	

Average speeds above are rounded to nearest mile

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 P.M. Travel Times

Run Date: 12-Apr-07 Run Date: 11-Apr-07
 Start Time: 4:00:00 PM Start Time: 4:30:00 PM

Landmarks	Mile Point		
Ramp from Md. 414 N to I-95/I-495 S	0.0	4:00:00 PM	4:30:00 PM
Livingston Road underpass (look for Cooper sign on left)	1.3	4:01:27 PM	4:31:29 PM
Indian Head Highway overpass	1.8	4:01:57 PM	4:31:50 PM
I-295 overpass	2.9	4:03:04 PM	4:33:50 PM
Begin WWB	3.4	4:03:47 PM	4:34:54 PM
End WWB	4.5	4:05:34 PM	4:36:36 PM
U.S. 1 overpass	5.0	4:06:06 PM	4:37:11 PM
Telegraph Road underpass	6.3	4:07:46 PM	4:38:25 PM
Eisenhower Avenue Connector (end of ramp)	8.2	4:09:45 PM	4:40:15 PM
Elapsed Times (entire route)		00:09:45	00:10:15
Average speeds (MPH - entire route)		50.46	48.00

Average speeds above are rounded to nearest 1/100's of a m.

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 P.M. Travel Times

Run Date: 10-Apr-07 Run Date: 29-Mar-07
 Start Time: 4:25:00 PM Start Time: 4:42:00 PM

Landmarks	Mile Point		
Ramp from Md. 414 N to I-95/I-495 S	0.0	4:25:00 PM	4:42:00 PM
Livingston Road underpass (look for Cooper sign on left)	1.3	4:26:36 PM	4:43:35 PM
Indian Head Highway overpass	1.8	4:27:09 PM	4:44:20 PM
I-295 overpass	2.9	4:28:27 PM	4:49:02 PM
Begin WWB	3.4	4:29:24 PM	4:50:40 PM
End WWB	4.5	4:30:58 PM	4:52:07 PM
U.S. 1 overpass	5.0	4:31:23 PM	4:52:30 PM
Telegraph Road underpass	6.3	4:32:54 PM	4:53:57 PM
Eisenhower Avenue Connector (end of ramp)	8.2	4:34:59 PM	4:55:55 PM
Elapsed Times (entire route)		00:09:59	00:13:55
Average speeds (MPH - entire route)		49.28	35.35
		<i>ile</i>	

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 P.M. Travel Times

Run Date: 28-Mar-07
 Start Time: 5:15:00 PM

Landmarks	Mile Point	
Ramp from Md. 414 N to I-95/I-495 S	0.0	5:15:00 PM
Livingston Road underpass (look for Cooper sign on left)	1.3	5:16:33 PM
Indian Head Highway overpass	1.8	5:17:00 PM
I-295 overpass	2.9	5:18:01 PM
Begin WWB	3.4	5:18:40 PM
End WWB	4.5	5:20:06 PM
U.S. 1 overpass	5.0	5:20:35 PM
Telegraph Road underpass	6.3	5:21:50 PM
Eisenhower Avenue Connector (end of ramp)	8.2	5:23:45 PM
Elapsed Times (entire route)		00:08:45
Average speeds (MPH - entire route)		56.23

ENTIRE ROUTE	8.2	
Mean of Elapsed Times		00:10:32
Mean time savings		
Standard Deviation of Elapsed Times		00:01:46
Average speed		49

Average speeds above are rounded to nearest mile

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 A.M. Travel Times

Run Date: 11-Apr-07 Run Date: 29-Mar-07
 Start Time: 6:30:00 AM Start Time: 6:30:00 AM

Landmarks	Mile Point		
Ramp from Md. 414 N to I-95/I-495 S	0.0	6:30:00 AM	6:30:00 AM
Livingston Road underpass (look for Cooper sign on left)	1.3	6:31:31 AM	6:33:15 AM
Indian Head Highway overpass	1.8	6:33:21 AM	6:39:51 AM
I-295 overpass	2.9	6:38:15 AM	6:48:22 AM
Begin WWB	3.4	6:39:28 AM	6:50:45 AM
End WWB	4.5	6:41:14 AM	6:52:27 AM
U.S. 1 overpass	5.0	6:41:41 AM	6:52:54 AM
Telegraph Road underpass	6.3	6:43:08 AM	6:54:21 AM
Eisenhower Avenue Connector (end of ramp)	8.2	6:45:08 AM	6:56:12 AM
Elapsed Times (entire route)		00:15:08	00:26:12
Average speeds (MPH - entire route)		32.51	18.78

Average speeds above are rounded to nearest 1/100's of a mile

Spring, 2007
I-95/I-495 - Wilson Bridge
Maryland to Virginia
A.M. Travel Times

Landmarks	Mile Point
Ramp from Md. 414 N to I-95/I-495 S	0.0
Livingston Road underpass (look for Cooper sign on left)	1.3
Indian Head Highway overpass	1.8
I-295 overpass	2.9
Begin WWB	3.4
End WWB	4.5
U.S. 1 overpass	5.0
Telegraph Road underpass	6.3
Eisenhower Avenue Connector (end of ramp)	8.2

Elapsed Times (entire route)
Average speeds (MPH - entire route)

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 P.M. Travel Times

Run Date: 12-Apr-07 Run Date: 11-Apr-07
 Start Time: 4:00:00 PM Start Time: 4:30:00 PM

Landmarks	Mile Point		
Ramp from Md. 414 N to I-95/I-495 S	0.0	4:00:00 PM	4:30:00 PM
Livingston Road underpass (look for Cooper sign on left)	1.3	4:01:27 PM	4:31:29 PM
Indian Head Highway overpass	1.8	4:01:57 PM	4:31:50 PM
I-295 overpass	2.9	4:03:04 PM	4:33:50 PM
Begin WWB	3.4	4:03:47 PM	4:34:54 PM
End WWB	4.5	4:05:34 PM	4:36:36 PM
U.S. 1 overpass	5.0	4:06:06 PM	4:37:11 PM
Telegraph Road underpass	6.3	4:07:46 PM	4:38:25 PM
Eisenhower Avenue Connector (end of ramp)	8.2	4:09:45 PM	4:40:15 PM
Elapsed Times (entire route)		00:09:45	00:10:15
Average speeds (MPH - entire route)		50.46	48.00

Average speeds above are rounded to nearest 1/100's of a m.

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 P.M. Travel Times

Run Date: 10-Apr-07 Run Date: 29-Mar-07
 Start Time: 4:25:00 PM Start Time: 4:42:00 PM

Landmarks	Mile Point		
Ramp from Md. 414 N to I-95/I-495 S	0.0	4:25:00 PM	4:42:00 PM
Livingston Road underpass (look for Cooper sign on left)	1.3	4:26:36 PM	4:43:35 PM
Indian Head Highway overpass	1.8	4:27:09 PM	4:44:20 PM
I-295 overpass	2.9	4:28:27 PM	4:49:02 PM
Begin WWB	3.4	4:29:24 PM	4:50:40 PM
End WWB	4.5	4:30:58 PM	4:52:07 PM
U.S. 1 overpass	5.0	4:31:23 PM	4:52:30 PM
Telegraph Road underpass	6.3	4:32:54 PM	4:53:57 PM
Eisenhower Avenue Connector (end of ramp)	8.2	4:34:59 PM	4:55:55 PM
Elapsed Times (entire route)		00:09:59	00:13:55
Average speeds (MPH - entire route)		49.28	35.35
		<i>ile</i>	

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Maryland to Virginia
 P.M. Travel Times

Run Date: 28-Mar-07
 Start Time: 5:15:00 PM

Landmarks	Mile Point	
Ramp from Md. 414 N to I-95/I-495 S	0.0	5:15:00 PM
Livingston Road underpass (look for Cooper sign on left)	1.3	5:16:33 PM
Indian Head Highway overpass	1.8	5:17:00 PM
I-295 overpass	2.9	5:18:01 PM
Begin WWB	3.4	5:18:40 PM
End WWB	4.5	5:20:06 PM
U.S. 1 overpass	5.0	5:20:35 PM
Telegraph Road underpass	6.3	5:21:50 PM
Eisenhower Avenue Connector (end of ramp)	8.2	5:23:45 PM
Elapsed Times (entire route)		00:08:45
Average speeds (MPH - entire route)		56.23

ENTIRE ROUTE	8.2	
Mean of Elapsed Times		00:10:32
Mean time savings		
Standard Deviation of Elapsed Times		00:01:46
Average speed		49

Average speeds above are rounded to nearest mile

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Virginia to Maryland
 P.M. Travel Times

Run Date: 29-Mar-07 Run Date: 10-Apr-07
 Start Time: 4:55:00 PM Start Time: 4:40:00 PM

Landmarks	Mile Point			
Start run at on-ramp from Eisenhower Avenue Connector	0.0	4:55:00 PM	4:40:00 PM	
Telegraph Road underpass	1.8	5:12:40 PM	4:52:10 PM	
U.S. 1 overpass	3.2	5:23:50 PM	5:00:35 PM	
Begin WWB	3.6	5:24:55 PM	5:03:32 PM	
End WWB	4.7	5:26:40 PM	5:05:13 PM	
I-295	5.2	5:27:08 PM	5:05:46 PM	
Indian Head Highway overpass	6.3	5:28:15 PM	5:06:58 PM	
Livingston Road underpass (look for Cooper sign on left)	6.8	5:28:49 PM	5:07:31 PM	
Md. 414 (Exit 4B) End of ramp	8.1	5:30:21 PM	5:09:04 PM	
Elapsed Times (entire route)		00:35:21	00:29:04	
Average speeds (MPH - entire route)		13.75	16.72	

Average speeds above are rounded to nearest 1/100's of a

Spring, 2007
 I-95/I-495 - Wilson Bridge
 Virginia to Maryland
 P.M. Travel Times

Run Date: 11-Apr-07 Run Date: 12-Apr-07
 Start Time: 4:45:00 PM Start Time: 4:15:00 PM

Landmarks	Mile Point			
Start run at on-ramp from Eisenhower Avenue Connector	0.0	4:45:00 PM		4:15:00 PM
Telegraph Road underpass	1.8	4:47:01 PM		4:22:59 PM
U.S. 1 overpass	3.2	4:49:01 PM		4:33:23 PM
Begin WWB	3.6	4:50:26 PM		4:35:06 PM
End WWB	4.7	4:52:28 PM		4:36:35 PM
I-295	5.2	4:53:30 PM		4:37:23 PM
Indian Head Highway overpass	6.3	4:54:00 PM		4:38:38 PM
Livingston Road underpass (look for Cooper sign on left)	6.8	4:55:29 PM		4:39:15 PM
Md. 414 (Exit 4B) End of ramp	8.1	4:57:01 PM		4:41:00 PM
Elapsed Times (entire route)		00:12:01		00:26:00
Average speeds (MPH - entire route)		40.44		18.69
		<i>mile</i>		

Spring, 2007
I-95/I-495 - Wilson Bridge
Virginia to Maryland
P.M. Travel Times

Run Date: 28-Mar-07
Start Time: 4:40:00 PM

Landmarks	Mile Point
Start run at on-ramp from Eisenhower Avenue Connector	0.0 4:40:00 PM
Telegraph Road underpass	1.8 4:53:59 PM
U.S. 1 overpass	3.2 5:02:08 PM
Begin WWB	3.6 5:04:41 PM
End WWB	4.7 5:06:36 PM
I-295	5.2 5:07:00 PM
Indian Head Highway overpass	6.3 5:08:01 PM
Livingston Road underpass (look for Cooper sign on left)	6.8 5:08:40 PM
Md. 414 (Exit 4B) End of ramp	8.1 5:10:10 PM
Elapsed Times (entire route)	00:30:10
Average speeds (MPH - entire route)	16.11

ENTIRE ROUTE	8.1	
Mean of Elapsed Times		00:26:31
Mean time savings		
Standard Deviation of Elapsed Times		00:07:51
Average speed		15

Average speeds below are rounded to nearest mile

APPENDIX E
COUNTING SITE LOCATIONS

COUNTING SITE LOCATIONS

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
I-395-A	I-395 - Shirley Highway	A.M. - HOV and non-HOV roadways at Ramp "G" (at Jefferson Davis Highway underpass) P.M. - HOV and non-HOV roadways south of Boundary Channel Drive
I-395-B	I-395 - Shirley Highway	HOV and non-HOV roadways north of Va. 120 (S. Glebe Rd.)

STATION	HOV/HIGHWAY FACILITY	TRAFFIC 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 A.M. counts do not include slipramp traffic from non-HOV to HOV roadway P.M. HOV roadway counts include slipramp traffic from non-HOV to HOV roadway</p>
I-95-A	I-95 - Shirley Highway	I-95 between Va. 7900 (Franconia-Springfield Parkway) and Va. 7100 (Fairfax County Parkway) [Newington] interchange

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
I-95-B	I-95	I-95 between Va. 234 and Va. 784 (counts taken at Dumfries Scales)
I-66-A	I-66 - T. Roosevelt Bridge	At D.C. end of bridge
I-66-B	I-66	At bridge over Spout Run Parkway
I-66-C	I-66	Between Fairfax Drive and N. Sycamore Street
I-66-D	I-66	Between Va. 7 (Leesburg Pike) and I-495
I-66-E	I-66 between I-495 and Va. 243 (Nutley Street)	A.M. - from Vienna Metro station parking deck P.M. - from west of Vienna Metro station - exiting traffic from I-66 to Va. 243 is added to count to compute correct link volume

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
I-66-F	I-66 between Va. 243 (Nutley Street) and Va. 123 (Chain Bridge Road)	West of Vienna Metro station
I-66-G	I-66 between U.S. 50 (Lee Jackson Highway) and Monument Drive	
I-66-H	I-66 between U.S. 29 (Lee Highway) and Va. 234 (Sudley Road)	At Bull Run rest area (west of Fairfax County/Prince William County line)
I-66-I	Va. 267 (Dulles Toll Road) and Dulles Access Road	Just east of Va. 123 interchange
I-270-A	I-270	I-270 north of Rockledge Drive
I-270-B	I-270 (main and C-D roadways)	I-270 south of Md. 189 (Falls Road)
I-270-C	I-270 (main and C-D roadways)	I-270 south of I-370/Sam Eig Highway

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
I-270-D	I-270	I-270 south of Md. 118 (Germantown Road)
I-270-E	I-270	I-270 between Md. 121 and Md. 109 (counts taken at Hyattstown scales)
I-270-F	I-270Y (I-270 Spur)	I-270 Spur north of Democracy Boulevard
VA-267-A	Va. 267 (Dulles Toll Road)	At main toll barrier
VA-267-B	Va. 267 (Dulles Toll Road)	Eastbound (A.M.): Between Trap Road and Va. 7 Westbound (P.M.): Between Trap Road and Hunter Mill Road
VA-267-C	Va. 267 (Dulles Toll Road)	Just east of Va. 7100
VA-267-D	Va. 267 (Dulles Toll Road)	(1) At Dulles Greenway main toll barrier (2) At Va. 28 ramp tolls

STATION	HOV/HIGHWAY FACILITY	TRAFFIC COUNT LOCATION
US-50-A	U.S. 50 (John Hanson Highway)	Between Ardwick Ardmore Road and Md. 410
US-50-B	U.S. 50 (John Hanson Highway)	Between I-95/I-495 and Md. 704
US-50-C	U.S. 50 (John Hanson Highway)	Between Md. 704 and Md. 197
US-50-D	U.S. 50 (John Hanson Highway)	Between Md. 197 and Md. 3/U.S. 301
US-50-E	U.S. 50/U.S.301 (John Hanson Highway)	Between Md.3/U.S.301 and Md. 424

APPENDIX F
OCCUPANCY AND CLASSIFICATION DETAILS

1. Field staff do not count persons that are not visible. With the exception of 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

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.

APPENDIX H

TRAVEL TIME RUN METHODOLOGY

For travel time runs, the "floating car" methodology was used to collect speed and elapsed time data. This methodology requires a driver to keep up with the average speed of traffic, which means that about half of the vehicles in traffic pass the data collection car, and the other half of the vehicles are passed by the data collectors.

A stopwatch and "run sheet" were used by the second person in the data collection vehicle to record elapsed times, using a set of well-defined landmarks along the route.

HOV trips maximized use of available HOV lanes at all times. When conducting travel time runs in concurrent-flow HOV lanes, drivers were instructed to drive at speeds at which they were keeping up with other vehicles in the HOV lanes.

APPENDIX I

GLOSSARY of ABBREVIATIONS and TERMS

GLOSSARY of ABBREVIATIONS and TERMS

Abbreviation or term	Definition
Average auto occupancy	The numerator of the calculation is the number of auto passengers and drivers observed, plus the number of van-pools counted times 12. The denominator is the number of autos, auto-like vehicles, motorcycles and van-pools counted.
Automobile	Passenger cars, includes station wagons, taxicabs and limousines.
Auto-like vehicle	Vans (excepting 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. 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.

**Abbreviation or
term**

Definition

Commuter Bus	<p>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.</p> <p>Does not include van-pools.</p>
Commuter rail	<p>Passenger rail service oriented towards the schedules of commuters, and operated by the MTA (MARC rail) and the VRE.</p>
Concurrent-flow HOV lanes	<p>HOV lanes which are not separated from the conventional lanes by a physical barrier.</p> <p>Pavement markings and highway signing are used to distinguish concurrent-flow HOV lanes from conventional lanes.</p>
Conventional lanes	<p>Lanes running parallel to HOV lanes (as part of the same highway facility) that are not HOV restricted.</p>
Exclusive HOV facility	<p>A highway facility dedicated to HOV traffic during the HOV restricted period.</p>
HOV	<p>High-occupancy vehicle.</p> <p>Includes autos and auto-like vehicles meeting the HOV requirement, motorcycles (regardless of the number of riders) and transit, commuter, charter, long-haul, school and prison buses.</p> <p>Includes trucks meeting the HOV requirement (on some HOV facilities).</p>

Abbreviation or term	Definition
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.
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.

Abbreviation or term

Definition

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	<p>Trucks and recreational vehicles with a gross vehicle weight of 10,000 pounds or more, with at least six tires in contact with the pavement.</p> <p>Includes dump trucks, tractor-trailers and other medium and heavy-duty commercial vehicles.</p> <p>Does not include pickup trucks, vans and panel trucks with exactly four tires in contact with the pavement.</p> <p>The number of passengers in a truck is not recorded as part of COG/TPB's monitoring methodology.</p>
Van-pool	<p>A passenger (window) van with 1 seat for the driver and 14 seats for passengers, generally referred to as a 15 seat van.</p> <p>In this report, van-pools are assumed to carry 12 persons per vehicle. This factor is based on a survey of van-pool operators done in 1989.</p> <p>Van-pools are included in the calculation for average auto occupancy.</p>

**Abbreviation or
term**

Definition

VDOT

Virginia Department of Transportation

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.