

**RETURN TO L'ENFANT**  
**Supplemental Report To The**  
**Transportation Impact Analysis**  
**Washington, D.C.**

Prepared for:  
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## **Section I: INTRODUCTION**

This report supplements the multi-modal Return to L'Enfant Transportation Impact Analysis (TIA) prepared by Wells + Associates dated December 19, 2008. Center Place Holdings LLC, on behalf of the District of Columbia, through the Office of the Deputy Mayor for Planning and Economic Development, the current owner of the property is the applicant in this case.

This supplemental report presents:

- Justification for the proposed office and residential parking ratios,
- Updated peak hour and average daily traffic counts,
- Updated list of pipeline projects,
- Review of recent background traffic growth trends,
- Updated site trip generation estimates,
- Validation of the 2008 TIA data, analysis, and findings,
- Justification of the proposed layby lane on Massachusetts Avenue, and
- A Travel Demand Management (TDM) plan.

### **Description of the Project**

The applicant proposes to construct a platform over the recessed Center Leg Freeway, to re-connect F and G Streets to the existing L'Enfant street grid, and to construct a mixed-use project of office, residential, and retail uses on land and in the air rights above the Center Leg Freeway in the area generally bounded by Massachusetts Avenue, N.W., to the north, 2nd Street, N.W., to the east, E Street N.W., to the south, and 3rd Street, N.W., to the west.

F Street will be re-opened as a through street to vehicular and pedestrian traffic with a right of way of 100 feet. The design of F Street incorporates a traffic calming strategy, in the vicinity of the Holy Rosary Church and the relocated Jewish Historical Society Synagogue, and special paving and projecting curbs to enhance pedestrian safety and provide space for seasonal celebrations and festivals. G Street will be re-opened to pedestrian traffic and will be designed as a 90-foot wide landscaped area.

The Return to L'Enfant development program would consist of 2,282,990 gross square feet (S.F.) of building area, as follows:

Office:	1,957,395 S.F.
Retail:	74,814 S.F.
Residential:	180,384 S.F.
Institutional:	<u>70,397 S.F.</u>
Total:	2,282,990 S.F.

### **Transit Orientation**

The Return to L'Enfant site is transit oriented by virtue of its location near three (3) Metrorail stations (Judiciary Square, Union Station, and Gallery Place – Chinatown), eight (8) Metrobus lines with multiple branches, three (3) D.C. Circulator lines (Union Station – Navy Yard Metro, Georgetown – Union Station, and Smithsonian – National Gallery of Art), limited parking ratios, and a Travel Demand Management (TDM) plan that encourages travel by alternative modes to driving a private automobile.

### **Conclusions**

The conclusions of this supplemental analysis are as follows:

- 1. The Return to L'Enfant project would reconnect F and G Streets between 2<sup>nd</sup> and 3<sup>rd</sup> Streets, N.W., which would reconnect the neighborhoods east and west of the Center Leg Freeway and improve access and circulation to the subject site. F Street would be opened for motorists, pedestrians, and bicyclists; G Street would be reopened for pedestrians and bicyclists only.**
- 2. The proposed Return to L'Enfant project, which would consist of 2,032,209 S.F. of commercial space and 150 residential dwelling units, would be parked according to the minimum District of Columbia Zoning Regulations at 1,178 spaces. A sufficient number of loading berths also would be provided.**
- 3. The proposed office and residential parking ratios are appropriate and justified based on minimum zoning requirements, precedent, market demands, availability of transit services, and provision of bike rental and parking facilities.**
- 4. Traffic conditions in the site vicinity have not changed significantly since submission of the TIA in December 2008:**

- a. **Average daily traffic (ADT) decreased an average of 3.5 percent between 2007 and 2008, according to District Department of Transportation (DDOT) counts.**
  - b. **Peak hour traffic decreased between 2007 and 2010 by an average of 5.0 percent during the AM peak hour, and 4.6 percent during the PM peak hour, according to counts taken by Wells + Associates.**
  - c. **Background traffic has decreased slightly in recent years; therefore, the one percent per year background traffic growth rate used in the 2007 TIA is conservatively high.**
5. **The small changes to the Return to L'Enfant development program results in a de minimus increase in peak hour site-generated vehicle-trips.**
6. **The analyses in the December 19, 2008 TIA remain valid:**
- a. **Twenty-three (23) of 30 intersections presently operate at level of service (LOS) "D" or better, and all approaches operate at LOS "D" or better, during both the AM and PM peak hours. Two (2) intersections operate at an overall LOS "D" but one approach operates near or at capacity, at LOS "E" or "F". The New York Avenue/I-395/4th Street intersection presently operates near capacity at LOS "E" during the AM peak hour, and at capacity at LOS "F" during the PM peak hour, due to long delays in both directions on New York Avenue. Five (5) intersections operate near or at capacity at LOS "E" or "F".**
  - b. **Long queues were observed at several intersections, including New York Avenue/I-395, 2nd Street/I-395 northbound off ramp, and H Street/Massachusetts Avenue.**
  - c. **Traffic that would be generated by projects that have been approved but not yet built (i.e., pipeline projects) plus background traffic growth would cause 12 of the 25 intersections that presently operate at an overall LOS "D" to operate near or at capacity at LOS "E" or "F". A total of seventeen (17) intersections are projected to operate at LOS "E" or "F".**

- d. The Return to L'Enfant project would generate 663 AM peak hour vehicle-trips and 755 PM Peak hour vehicle-trips at full build-out and occupancy by 2021.**
  - e. The proposed Return to L'Enfant project would have modest impacts on the city street grid, which would be partially, if not fully, mitigated by the additional capacity provided by reconnecting F and G Streets, physical changes to the I-395 ramps, traffic signal timing optimization, and a Transportation Management (TDM) plan**
- 7. The proposed layby lane on Massachusetts Avenue would prevent back-ups behind vehicles stopped to pick up and drop off passengers without compromising pedestrian safety or convenience.**
- 8. The multi-point Transportation Management (TDM) plan will help to influence travel behavior of employees, residents, and visitors in order to achieve a maximally efficient use of transportation facilities in the vicinity of the site. It will help to reduce peak hour vehicle-trips, reduce parking demand, and promote the use of alternative transportation modes.**

## Section 2: PARKING ANALYSIS

### Proposed Parking Supply

The applicant proposes to park Return to L'Enfant at the *minimum* parking ratios specified for the C-4 District in the District of Columbia Municipal Regulations (DCMR), Section 2101.1. The following summarizes these parking requirements:

- Office: Above 2,000 S.F., 1 space per 1,800 S.F. of Gross Floor Area (GFA)
- Retail: Above 30,000 S.F., 1 space per 2,000 S.F. of GFA
- Residential: 1 space per 4 dwelling units

The parking supply for Return to L'Enfant was provided based on these *minimum* parking requirements and is summarized in Table 2-1.

The proposed office parking ratios are:

- 0.56 spaces per 1,000 S.F. (i.e.,  $1,115/(2,007,609/1,000) = 0.56$ ),
- 1,801 S.F. per space (i.e.,  $2,007,609/1,115 = 1,801$ ),
- 0.13 spaces for each of the estimated 8,800 office users (i.e.,  $1,115/8,800 = 0.13$ ),
- 7.89 users per space (i.e.,  $8,800/1,115 = 7.89$ ),

### Justification of the Office Parking Ratio

These parking ratios are comparable to three other office buildings developed by LDPG in Washington, D.C. as shown in Table 2-2.

The proposed number of office parking spaces (and parking ratios) is adequate and appropriate for the following reasons:

1. 1,115 spaces is the *minimum* number of spaces required by the DCMR, as outlined above.
2. This parking ratio is very close to the ratios provided at three other comparable office buildings developed in Washington, D.C. by LDPG.

**Table 2-1**  
**Return to L'Enfant Parking Program**

<b>Land Use</b>	<b>Calculation</b>	<b>Spaces</b>
Office	$\frac{(1,957,395+50,214)}{(1,957,395+50,214+74,814)} \times 2,000 = 1,927 \text{ S.F.}$ $\frac{((1,957,395+50,214)-1,927)}{1,800} =$	1,115
Retail	$74,814 / ((1,957,395+50,214+74,814) \times 30,000) = 1,095 \text{ S.F.}$ $(74,814 - 1,095) / 3,000 =$	25
Residential	150 D.U.'s / 4 =	<u>38</u>
Total		1,178

**Notes:** The new 45,765 S.F. JHS buildings are counted as office use. No parking is required in the C-4 district for the Annex and Rectory for the Holy Rosary Church.

3. LDPG has found that this modest level of parking is required to successfully market office buildings (or meet tenant parking demands) in Washington, D.C.
4. This parking ratio is consistent with transit-oriented development since only 13 percent of the estimated 8,800 office employees (or one out of every eight employees) would be able to drive to work. The remaining 87 percent would have to ride as a passenger in a carpool or take transit to work.
5. A significant amount of bicycle parking will be provided on-site, in addition to shower and changing facilities for employees of the office buildings.
6. A bike-share station will be constructed on-site for users of the site.

**Table 2-2**

**Parking Provided in LDPG Office Buildings in Washington, D.C.**

Building	Gross Floor Area (S.F.)	Parking Supply		
		Spaces	Spaces/1,000 S.F.	S.F./Space
700 2 <sup>nd</sup> Street, N.E.	525,481	315	0.60	1,668
1101 New York Avenue, N.W.	382,091	202	0.53	1,892
801 17 <sup>th</sup> Street, N.W.	225,655	119	0.53	1,896
Minimum			0.53	1,668
Maximum			0.60	1,896
Average			0.55	1,819
Return to L'Enfant	2,007,609	1,115	0.56	1,801

**Justification of the Residential Parking Ratio**

The 2000 U.S. Census reported that six out of 10 (61.8 percent) of all renter-occupied households in the immediate neighborhood of the Return to L'Enfant project own no vehicles, as shown in Table 2-3. About a quarter (27.1 percent) own only one vehicle; 11 percent own two or three vehicles.

The proposed residential parking ratios are adequate and appropriate for the following reasons:

1. Thirty-eight (38) spaces is the *minimum* number of spaces required for 150 residential dwelling units in the C-4 District, according to DCMR, Section 2101.1, as outlined above.
2. Public transportation is a viable alternative to the private automobile since the subject site is well served by Metrorail and Metrobus.
3. The proposed parking ratio of one space for every four units (or 0.25 spaces per unit) is consistent with auto availability in renter-occupied units in the immediate neighborhood according to the U.S. Census.

**Table 2-3**  
**Auto Availability in Renter Occupied Households**  
**In the Return to L'Enfant Neighborhood**

<b>Autos Available</b>	<b>Number of Households</b>	<b>Percent of all Households</b>
None	403	61.8%
One	177	27.1%
Two	62	9.5%
Three or More	10	1.5%
Total	652	100.0%
Average		

Source: 2000 U.S. Census

4. A portion of the residential units will be affordable units, which typically require lower parking ratios than market rate units.
5. A significant amount of bicycle parking will be provided on-site.
6. A bike-share station will be constructed on-site for residents and their visitors.

**Section 3:  
TRAFFIC ANALYSIS**

**Overview**

This section presents an analysis of existing and future street traffic conditions in the immediate vicinity of the subject project. It includes a street inventory, traffic count data, pipeline development information, background traffic growth, site trip generation, trip distribution, and levels of service.

**Street Inventory**

Table 3-1 presents a summary of the details of each street in the study area.

**Table 3-1  
Street Inventory**

<b>Street</b>	<b>Functional Classification</b>	<b>Number of Lanes (Each Direction)</b>	<b>Posted Speed Limit (MPH)</b>
2 <sup>nd</sup> Street	Minor Arterial	1-2	25
3 <sup>rd</sup> Street	Collector	1-2	25
E Street	Minor Arterial	1	25
F Street	Collector	1	25
G Street	Collector	1	25
H Street	Minor Arterial (West of Mass. Avenue) / Principal Arterial (East of Mass. Avenue)	3-4	25
Massachusetts Avenue	Principal Arterial	2-3	25
I-395	Interstate	2	45

Source: District Department of Transportation

## Traffic Counts

**Overview.** Daily traffic volumes, as obtained from DDOT, were evaluated in addition to peak hour traffic counts conducted by Wells + Associate in order to discern vehicle traffic trends in the site vicinity. Vehicle turning movement counts were conducted for the TIA in October and December 2007. In order to determine any changes (i.e., increases in vehicular traffic) on the roadways in the site's vicinity, vehicle turning movement counts were conducted in October 2010. The following presents information on changes in traffic volumes between 2007 and 2010.

**Average Daily Traffic.** DDOT publishes average daily traffic (ADT) counts on their website; 2007 and 2008 data presently are included online. 2008 ADT's **decreased** on six (6) (or 60 percent) of the ten (10) links listed in table 3-2. 2008 ADT's decreased by an average of 3.5 percent. Table 3-2 also depicts that 2008 ADT's **increased** on only two (2) (or 20 percent) of all links; two (2) links experienced no change in ADT between 2007 and 2008. On average, ADT's decreased by 3.5 percent between 2007 and 2008, according to DDOT counts.

**Table 3-2**  
**Comparison of 2007 and 2008 Average Daily Traffic (ADT) Counts**

Street	Location	2007 ADT	2008 ADT	Change	Percent Change
I-395	N. of Mass. Ave.	24,300	25,200	900	3.7%
I-395	S. of E St.	47,100	46,900	(200)	(0.4%)
Massachusetts Ave.	2 <sup>nd</sup> to 3 <sup>rd</sup> St.	22,400	22,300	(100)	(0.4%)
E Street	W. of 3 <sup>rd</sup> St.	12,900	12,800	(100)	(0.8%)
E Street	E. of 2 <sup>nd</sup> St.	15,700	10,900	(4,800)	(30.6%)
F Street	W. of 3 <sup>rd</sup> St.	4,300	4,300	-	0%
G Street	W. of 3 <sup>rd</sup> St.	7,500	7,500	-	0%
H Street	E. of 2 <sup>nd</sup> St.	28,500	26,300	(2,200)	(7.7%)
2 <sup>nd</sup> Street	N. of E St.	3,100	3,200	100	3.2%
2 <sup>nd</sup> Street	N. of Mass. Ave.	22,200	22,100	(100)	(0.5%)
<b>TOTAL</b>		<b>188,000</b>	<b>181,500</b>	<b>(6,500)</b>	<b>(3.5%)</b>

Source: District Department of Transportation

**Turning Movement Counts.** The traffic counts which form the basis of the 2007 TIA analyses were taken on the following dates:

- Tuesday, October 16, 2007,
- Thursday, October 18, 2007, and
- Tuesday, December 4, 2007.

Current traffic counts recently were taken by Wells + Associates to determine how the 2007 AM and PM peak hour counts may have changed over the past three years. The updated traffic counts were taken on the following dates:

- Tuesday, October 19, 2010 and
- Wednesday, October 20, 2010.

The 2010 counts were higher than the 2007 counts at some at intersections and lower at others, as shown in Table 3-3. The resulting common peak hour traffic counts also are depicted on Figure 3-1. The raw count data also is included in Appendix A.

The times of day at which the AM and PM peak hours occur can vary slightly from day to day. The common peak hours in 2007 were determined to be 7:45 to 8:45 AM and 4:45 to 5:45 PM. The 2010 common AM peak hour was determined to be the same 7:45 to 8:45 AM; the 2010 common PM peak hour was determined to be 15 minutes later at 5:00 to 6:00 PM.

The differences in the total number of vehicles that entered each of 11 intersections in the immediate site vicinity in 2010 versus 2007 ranged from -13.9 to +14.7 percent during the AM peak hour, with an average of -5.0 percent. The differences during the PM peak hour ranged from -11.2 to +9.5 percent, with an average of -4.6 percent. Thus, the 2010 counts were slightly lower than the 2007 counts. These differences are small and well within  $\pm 10$  to 15 percent, the typical day-to-day variation in traffic volumes in urban areas. These stable counts suggest that there has been no significant growth in background traffic volumes in the study area in the past three years.

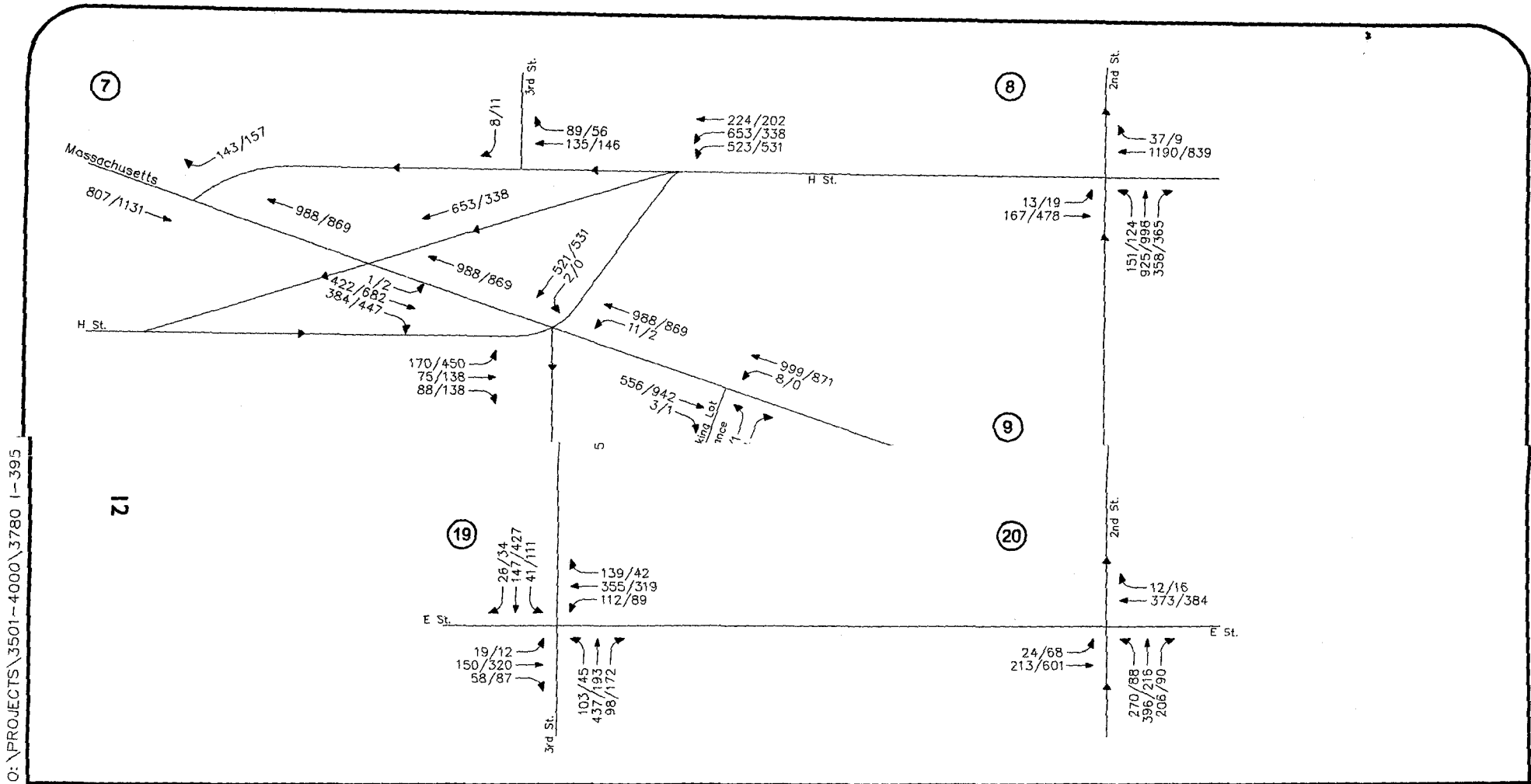


Figure 3-1  
Existing Peak Hour Vehicle Traffic Volumes (2010)



Return to L'Enfant  
Washington, D.C.



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**Table 3-3**  
**Comparison of 2007 and 2010 Intersection Counts**

Intersection	2007 Counts		2010 Counts		Difference		Percent Difference	
	AM	PM	AM	PM	AM	PM	AM	PM
Mass./ H/ 3rd	3,773	3,997	3,315	3,597	(458)	(400)	(12.1%)	(10.0%)
2 <sup>ND</sup> / H	3,014	3,027	2,841	2,832	(173)	(195)	(5.7%)	(6.4%)
2 <sup>nd</sup> / Mass.	3,338	3,266	3,123	3,128	(215)	(138)	(6.4%)	(4.2%)
3 <sup>rd</sup> /I-395 SB On	916	1,289	1,051	1,144	135	(145)	14.7%	(11.2%)
3 <sup>rd</sup> / G/ Garage	545	572	483	532	(62)	(40)	(11.4%)	(7.0%)
2 <sup>nd</sup> / I-395 NB Off	1,759	1,550	1,901	1,697	142	147	8.1%	9.5%
3 <sup>rd</sup> / F	711	746	751	765	40	19	5.6%	2.5%
2 <sup>nd</sup> / F	490	322	422	319	(68)	(3)	(13.9%)	(0.9%)
3 <sup>rd</sup> / I-395 SB Off	843	873	799	802	(44)	(71)	(5.2%)	(8.1%)
3 <sup>rd</sup> / E	1,757	1,874	1,685	1,851	(72)	(23)	(4.1%)	(1.2%)
2 <sup>nd</sup> / E	<u>1,663</u>	<u>1,485</u>	<u>1,494</u>	<u>1,463</u>	<u>(169)</u>	<u>(22)</u>	<u>(10.2%)</u>	<u>(1.5%)</u>
Subtotal	18,809	19,001	17,865	18,130	(944)	(871)	(5.0%)	(4.6%)
I-395	3,776	2,553	3,816	2,851	40	298	1.1%	11.7%
Total	22,585	21,554	21,681	20,981	(904)	(573)	(4.0%)	(2.7%)

Source: Wells + Associates

### Background Traffic Growth

The 2007 TIA included background traffic growth estimated at one (1) percent per year, compounded, for 14 years, from 2007 to 2021. Thus, background traffic not attributable to pipeline projects was estimated at 1.1495 percent.

The comparison of 2007 and 2010 counts suggests that background traffic growth trends have been flat over the past three years (i.e., a zero percent background traffic growth rate). Given that a portion of the pipeline developments included in the TIA already have been constructed and occupied, and since traffic volumes have been stable (or decreased) between 2007 and 2010, the assumed 1 percent growth rate for future traffic has not even been realized. For these reasons, the background traffic growth rate may be overestimated, and the analyses in the TIA can be considered to be conservative.

## Site Trip Generation

The TIA evaluated a total of 1,988,651 S.F. of commercial (office and retail) space and 165 residential units. That level of development would be expected to generate a total of 656 AM peak hour trips (550 inbound, 106 outbound) and 744 PM peak hour trips (152 inbound, 592 outbound).

The current development program of 2,032,209 S.F. of commercial space and 150 residential units. The current level of development would be expected to generate only 7 additional AM peak hour trips (increase of 8 inbound and decrease of 1 outbound) and 11 PM peak hour trips (decrease of 1 inbound and increase of 12 outbound). This amount of additional traffic would have a *de minimus* impact to the roadway network.

## Site Access/Egress

Vehicular access to the five levels of underground parking will be provided at three driveways, as shown in Table 3-4:

**Table 3-4**  
**Parking Garage Driveways**

<b>Location</b>	<b>Access to Level:</b>
<b>North Block:</b> 3 <sup>rd</sup> Street, Between Massachusetts Avenue and G Street	B0
<b>Center Block:</b> F Street, Between 2 <sup>nd</sup> and 3 <sup>rd</sup> Streets	B2
<b>South Block:</b> 3 <sup>rd</sup> Street, Between E and F Streets	B1

Internal ramps on the North Block will connect levels B0/B1, B1/B2, B2/B3, B3/B4, and B4/B5. Internal ramps on the South Block will connect levels B1/B2, B2/B3, and B3/B4.

All vehicular access to the truck dock area will be provided at one consolidated location on E Street. Freight elevators will connect the common loading dock area with each building. Vehicles using the loading area will be able to enter and exit the loading facility head-first; in other words, vehicles will drive forward into the loading area, and drive forward out of the loading area, thereby removing the need for backing-up on the public street network.

### **Site Trip Distribution**

See pp. 28-29 of 2008 TIA

### **Level of Service Analysis**

Based on a review of traffic counts conducted by Wells + Associates in 2007 and 2010, in addition to average daily traffic (ADT) information obtained from the District Department of Transportation (DDOT), traffic volumes have remained stable, and decreased to some degree, in the vicinity of the site. As such, the analyses included in the 2008 TIA, utilizing 2007 traffic count data, can be retained. As 2007 traffic counts are consistent with 2010 traffic counts, the analyses in the TIA will also include an additional three (3) years of traffic growth at 1 percent per year, compounded annually.

### **Massachusetts Avenue Layby Lane**

The applicant proposes to construct an approximate 77-foot long, 8-foot wide layby lane on the south side of Massachusetts Avenue between 2<sup>nd</sup> and 3<sup>rd</sup> Streets, adjacent to the North Block.

This layby lane is necessary for the following reasons:

1. The layby lane would accommodate taxis and other vehicles stopping to pick up or drop off passengers along the north face of the North Block without blocking through traffic on southeast-bound Massachusetts Avenue.
2. The layby lane and north face of adjacent buildings would be separated by approximately 30 feet, which is more than adequate for a generous sidewalk, street trees, and other pedestrian amenities.
3. Vehicles using the layby lane would not conflict with pedestrians walking along Massachusetts Avenue.
4. There is precedence for layby lanes elsewhere in the District of Columbia.

## **Section 4**

### **TRAVEL DEMAND MANAGEMENT (TDM) PLAN**

#### **Overview**

The Return to L'Enfant: I-395 Air Rights Transportation Management Plan (TMP), this plan, was created as a comprehensive plan that will promote safe and efficient transportation operations within and surrounding the development, encourage alternate modes of transportation to and from the site, and maximize the efficiency of available parking and loading facilities.

This TMP consists of the following components:

1. Property Transportation Coordinator,
2. Facilities and Improvements,
3. Parking Management Plan,
4. Loading Management Plan,
5. Promotions, Services, and Policies,
6. Performance and Monitoring, and
7. Continuity of Implementation.

#### **Property Transportation Coordinator**

The property/building management company will designate a member of the building management staff as Property Transportation Coordinator (PTC). The PTC will be a primary point of contact with the District Department of Transportation (DDOT) and undertake the responsibility for coordinating and completing all Transportation Management Plan (TMP) obligations. The PTC will maintain an ongoing relationship with DDOT staff in order to carry out the elements of this TMP, as required. The duties of Property Transportation Coordinator may be undertaken by more than one PTC for either each block or each building.

The responsibilities of the PTC will include the following:

1. Advising tenants, employees, and residents of the various TMP initiatives through a new-employee/new-resident handout;
2. Marketing and promoting TMP initiatives through printed materials and online resources;

3. Responding to site-specific transportation related questions from tenants, employees, and residents of the on-site buildings; and
4. Fulfilling all requirements of this TMP, with help from agencies of the District of Columbia when necessary.

### **Facilities and Improvements**

The development will provide bicycle parking spaces, changing rooms and shower facilities, and car-share parking spaces to its tenants, employees, residents, and visitors, as well as an on-site business center for the residential building.

The following details the facilities and improvements that will help to reduce the reliance on private automobiles:

1. Bicycle parking spaces will be provided in a secure, sheltered environment in order to encourage individuals to bike to and from the site. Additional bicycle parking space will be provided at the street-level for visitors and high-turnover uses.
2. An outside, street-level, area on G Street will be reserved for a potential "bicycle-share station" in the future.
3. Changing rooms and shower facilities will be incorporated into the design of the buildings. These facilities will benefit employees of the site who will bike, walk, jog, or run.
4. Car-share parking spaces will be provided on-site. These spaces may be provided at the street-level (such as along F Street, 2<sup>nd</sup> Street, or 3<sup>rd</sup> Street) or inside the parking garage. The car-share parking spaces will allow car-share service companies to supply vehicles in the immediate vicinity of the development and surrounding buildings, thereby reducing the need for employees and residents to have a private vehicle on-site.
5. An on-site business center will be provided for use by residents of the development who choose to work from home. The business center will include, at a minimum, access to a copier, scanner, facsimile, personal computer, and internet services.

### **Parking Management Plan**

A Parking Management Plan (PMP) will be prepared for the site. The PMP will note locations for potential uses such as: passenger pick-up and drop-off; car-share service parking spaces; bicycle parking; bus stops; on- and off-street parking locations for tenants, employees, residents,

and visitors; and loading zones for short-term deliveries. The PMP also will include a schematic depicting the parking plan (curbside management) for all block faces adjoining the site. Additionally, an interior signage plan will be prepared for wayfinding inside of the on-site parking facilities.

### **Loading Management Plan**

A Loading Management Plan will be prepared for the site. The Loading Management Plan will note the appropriate locations for loading activities on-site. The Plan also will include a component regarding the procedures for waste management (i.e., trash and recycling pick-up). A dock manager will be staffed in the loading area during peak periods in order to oversee the loading operations on-site. Additionally, an interior signage plan will be prepared for wayfinding within the loading facilities.

### **Promotions, Services, and Policies**

The Property Transportation Coordinator(s) will work with new tenants, employees, and residents in order to help them understand travel choices. The PTC(s) will provide information and guidance on public transportation routes, how to sign up for commuter benefit programs such as pre-tax dollar contributions for transit fare, and how to find ridesharing (carpooling/vanpooling) opportunities.

The following details the promotions, services, and policies that will help to minimize vehicle traffic generated by the development:

1. The PTC will be available to meet with and discuss specific public transportation travel choices with tenants, employees, and residents. The PTC will instruct them on how to use several web-based choices (i.e., the Washington Metropolitan Area Transit Authority/Wmata website, the Metropolitan Washington Council of Governments' (MwCOG) CommuterConnections website, etc.) to find transit alternates between their home and place of employment.
2. The PTC also will encourage and show these tenants, employees, and residents how to sign up for ridesharing (carpooling/vanpooling) opportunities on MwCOG's CommuterConnections website.
3. Tenants will be encouraged to allow their employees to have flexible work schedules and/or telecommute in order to spread, or lessen, the concentration of traffic to and from the site during peak periods.
4. Tenants also will be encouraged to allow their employees to sign up for commuter benefit programs such as pre-tax dollar contributions for the purchase of transit fare.
5. The building management will cooperate with the DDOT, if DDOT elects to host a transit-fair event on-site, up to four (4) times per year. The purpose of this potential event is for DDOT, and other agencies of the District, to be able to promote alternative modes of transportation around the City and the greater Washington, D.C. metropolitan area.

### **Performance and Monitoring**

The property/building management, along with the Property Transportation Coordinator(s), will maintain an ongoing dialogue regarding transportation activities on-site, as well as travel patterns and behaviors. The property/building management also will commission a transportation performance monitoring study two (2) years after lease-up of each building. The purpose of these evaluations is to determine how the transportation services offered on-site are working. In addition to this, the PTC(s) will submit an annual letter to DDOT describing the transportation management activities from the previous year.

### **Continuity of Implementation**

Several of the TMP elements included in this plan may be implemented and managed on an interim basis. Once the permanent PTC(s) has been identified, they will be notified of their responsibilities under this plan. If there is more than one (1) PTC for the development, the PTCs will confer with one another on not less than a quarterly basis (every 3 months) in order

to understand how transportation operations occur on-site. Further, in order to maintain a historical account of the TMP activities, the PTCs will maintain a log of the annual letters describing transportation related activities and the results of any transportation performance monitoring studies.

### **Summary**

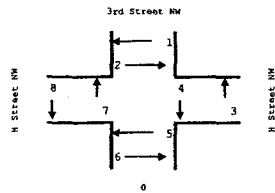
The multi-point Transportation Management Plan presented above will help to influence travel behavior of employees, residents, and visitors in order to achieve a maximally efficient use of transportation facilities in the vicinity of the site. It will help to reduce peak hour vehicle-trips, reduce parking demand, and promote the use of alternative transportation modes.

**APPENDIX A**  
**UPDATED TRAFFIC COUNTS (2010)**

**Wells & Associates, Inc.**  
McLean, Virginia

Total	1-395 Air Rights 3rd Street NW Washington DC				DATE: 10/19/2010 COUNTED BY: MATT COUNTED BY: MATT				LOCATION: 3rd Street NW Washington DC				DATE: 10/19/2010 COUNTED BY: MATT COUNTED BY: MATT				LOCATION: 3rd Street NW Washington DC			
	Thru	Right	Left	Total	Thru	Right	Left	Total	Thru	Right	Left	Total	Thru	Right	Left	Total	Thru	Right	Left	Total
AM Peak	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30
PM Peak	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30

Project Name: I-395 Air Rights  
Project Number: 3780  
Location: Washington, DC  
Intersection: 3rd Street & G Street  
Weather: rain AM, clear PM  
Date: 10/19/2010  
Surveyor: Matt



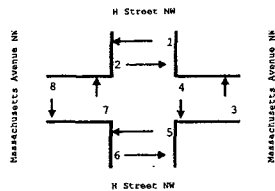
Hourly Pedestrian Count

Time Period	From:	SE	NE	SW	SE	NW	NW	NW	NE	Total	1 6 2	3 6 4	5 6 6	7 4 8
<b>AM PEAK</b>														
7:00	8:00	10	6	1	1	0	0	3	3	24	16	2	0	6
7:15	8:15	11	7	2	1	0	0	4	4	29	18	3	0	8
7:30	8:30	19	7	4	1	0	0	5	4	40	26	5	0	9
7:45	8:45	23	17	11	5	0	0	7	3	66	40	16	0	10
8:00	9:00	26	22	15	6	0	0	5	1	75	48	21	0	6
8:15	9:15	34	24	18	6	0	0	4	3	89	58	24	0	7
8:30	9:30	35	30	20	6	0	0	9	3	103	65	26	0	12
8:45	9:45	40	18	13	2	0	0	11	3	87	58	15	0	14
9:00	10:00	44	15	8	0	0	0	12	3	82	59	8	0	15
<b>PM PEAK</b>														
16:00	17:00	21	23	20	15	0	0	4	7	90	44	35	0	11
16:15	17:15	29	28	19	16	0	0	5	10	107	57	35	0	15
16:30	17:30	33	29	18	11	0	0	5	9	105	62	29	0	14
16:45	17:45	38	42	11	4	0	0	3	9	107	80	15	0	12
17:00	18:00	36	50	6	6	0	0	6	9	113	86	12	0	15
17:15	18:15	35	49	8	6	0	0	6	9	113	84	14	0	15
17:30	18:30	38	55	9	7	0	0	7	8	124	93	16	0	15
17:45	18:45	39	47	9	7	0	0	7	6	115	86	16	0	13
18:00	19:00	37	41	5	3	0	0	4	6	96	78	8	0	10

**Wells & Associates, Inc.**  
McLean, Virginia

Total	1-395 Air Rights		DATE: 10/19/2010		PROJECT: H Street NW		COUNTY: DC		LOCATION: Massachusetts Avenue NW	
	3780		TAMING		SOUTHBOUND ROAD		NORTHBOUND ROAD		EASTBOUND ROAD	
	Washington, DC		COUNTY: DC		SOUTHBOUND ROAD		NORTHBOUND ROAD		EASTBOUND ROAD	
AM	1-395	3780	1-395	3780	1-395	3780	1-395	3780	1-395	3780
PM	1-395	3780	1-395	3780	1-395	3780	1-395	3780	1-395	3780
AM Peak	1-395	3780	1-395	3780	1-395	3780	1-395	3780	1-395	3780
PM Peak	1-395	3780	1-395	3780	1-395	3780	1-395	3780	1-395	3780

Project Name: I-395 Air Rights  
Project Number: 3780  
Location: Washington, DC  
Intersection: Mass. Ave. & H Street  
Weather: exin AM, clear PM  
Date: 10/19/2010  
Surveyor: CVJM



Hourly Pedestrian Count

Time Period	From:	1	2	3	4	5	6	7	8	Total	1 & 2	3 & 4	5 & 6	7 & 8
To:	To:	SE	NE	SW	SE	SW	NW	NW	NE					
<b>AM PEAK</b>														
7:00	8:00	25	27	17	14	91	63	0	0	237	52	31	154	0
7:15	8:15	30	39	15	14	84	79	0	0	261	69	29	163	0
7:30	8:30	46	48	11	17	80	94	0	0	296	94	28	174	0
7:45	8:45	53	54	12	17	69	132	0	0	337	107	29	201	0
8:00	9:00	53	79	14	22	89	196	0	0	453	132	36	285	0
8:15	9:15	57	78	13	27	91	208	0	0	474	135	40	299	0
8:30	9:30	45	81	11	29	78	216	0	0	460	126	40	294	0
8:45	9:45	42	81	6	29	69	207	0	0	434	123	35	276	0
9:00	10:00	36	57	3	25	45	179	0	0	345	93	28	224	0
<b>PM PEAK</b>														
16:00	17:00	55	50	14	24	145	118	0	0	406	105	38	263	0
16:15	17:15	58	63	14	24	200	122	0	0	481	121	38	322	0
16:30	17:30	75	73	19	28	241	144	0	0	580	148	47	385	0
16:45	17:45	102	81	16	32	300	176	0	0	707	183	48	476	0
17:00	18:00	124	80	17	32	330	169	0	0	752	204	49	499	0
17:15	18:15	131	70	17	36	314	150	0	0	718	201	53	464	0
17:30	18:30	120	69	11	36	275	124	0	0	635	189	47	399	0
17:45	18:45	99	56	12	29	197	83	0	0	476	155	41	280	0
18:00	19:00	78	47	9	28	160	70	0	0	392	125	37	230	0







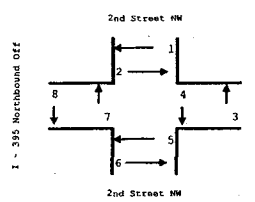




**Wells & Associates, Inc**  
McLean, Virginia

Time Period	1 - 395 NB Off Ramp		2nd Street NW		1 - 395 SB Off Ramp		2nd Street NW		1 - 395 NB Off Ramp		2nd Street NW		1 - 395 SB Off Ramp		2nd Street NW		Total	Peak
	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left		
7:00-7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	487	487
7:15-7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
7:30-7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
7:45-8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	462	462
8:00-8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
8:15-8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
8:30-8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
8:45-9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
9:00-9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
9:15-9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
9:30-9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
9:45-10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
<b>AM Peak</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>471</b>	<b>471</b>
10:00-10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
10:15-10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
10:30-10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
10:45-11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
11:00-11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
11:15-11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
11:30-11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
11:45-12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
<b>PM Peak</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>471</b>	<b>471</b>
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>471</b>	<b>471</b>

Project Name: I-395 Air Rights  
Project Number: 3780  
Location: Washington, DC  
Intersection: 2nd Street & I-395 NB Off Ramp  
Weather: clear  
Date: 10/20/2010  
Surveyor: Chaclo



Hourly Pedestrian Count

Time Period	From To	SE	NE	SW	SE	SW	NW	NW	NE	NW	Total	1	2	3	4	5	6	7	8
<b>AM PEAK</b>																			
7:00	8:00	0	0	40	29	0	0	0	0	0	69	0	0	69	0	0	0	0	
7:15	8:15	0	0	36	44	0	0	0	0	0	80	0	0	80	0	0	0	0	
7:30	8:30	0	0	36	70	0	0	0	0	0	106	0	0	106	0	0	0	0	
7:45	8:45	0	0	34	89	0	0	0	0	0	123	0	0	123	0	0	0	0	
8:00	9:00	0	0	27	162	0	0	0	0	0	189	0	0	189	0	0	0	0	
8:15	9:15	0	0	18	190	0	0	0	0	0	208	0	0	208	0	0	0	0	
8:30	9:30	0	0	21	194	0	0	0	0	0	215	0	0	215	0	0	0	0	
8:45	9:45	0	0	23	196	0	0	0	0	0	219	0	0	219	0	0	0	0	
9:00	10:00	0	0	22	134	0	0	0	0	0	156	0	0	156	0	0	0	0	
<b>PM PEAK</b>																			
16:00	17:00	0	0	59	81	0	0	0	0	0	140	0	0	140	0	0	0	0	
16:15	17:15	0	0	53	102	0	0	0	0	0	155	0	0	155	0	0	0	0	
16:30	17:30	0	0	71	111	0	0	0	0	0	182	0	0	182	0	0	0	0	
16:45	17:45	0	0	112	114	0	0	0	0	0	226	0	0	226	0	0	0	0	
17:00	18:00	0	0	111	118	0	0	0	0	0	229	0	0	229	0	0	0	0	
17:15	18:15	0	0	119	112	0	0	0	0	0	231	0	0	231	0	0	0	0	
17:30	18:30	0	0	101	119	0	0	0	0	0	220	0	0	220	0	0	0	0	
17:45	18:45	0	0	56	119	0	0	0	0	0	175	0	0	175	0	0	0	0	
18:00	19:00	0	0	58	114	0	0	0	0	0	172	0	0	172	0	0	0	0	





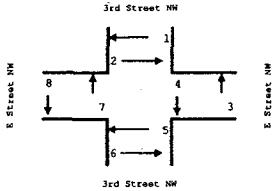


# Wells & Associates, Inc

McLean, Virginia

Total	Southbound		Westbound		Northbound		Eastbound		Total	Peak	Peak	Peak
	1st		2nd		3rd		4th					
	Thru	Left	Thru	Left	Thru	Left	Thru	Left				
7:00-7:15	11	4	11	4	11	4	11	4	44	11	11	11
7:15-7:30	11	4	11	4	11	4	11	4	44	11	11	11
7:30-7:45	11	4	11	4	11	4	11	4	44	11	11	11
7:45-8:00	11	4	11	4	11	4	11	4	44	11	11	11
8:00-8:15	11	4	11	4	11	4	11	4	44	11	11	11
8:15-8:30	11	4	11	4	11	4	11	4	44	11	11	11
8:30-8:45	11	4	11	4	11	4	11	4	44	11	11	11
8:45-9:00	11	4	11	4	11	4	11	4	44	11	11	11
9:00-9:15	11	4	11	4	11	4	11	4	44	11	11	11
9:15-9:30	11	4	11	4	11	4	11	4	44	11	11	11
9:30-9:45	11	4	11	4	11	4	11	4	44	11	11	11
9:45-10:00	11	4	11	4	11	4	11	4	44	11	11	11
<b>3 Hour</b>	<b>67</b>	<b>25</b>	<b>67</b>	<b>25</b>	<b>67</b>	<b>25</b>	<b>67</b>	<b>25</b>	<b>266</b>	<b>67</b>	<b>67</b>	<b>67</b>
<b>AM Peak</b>	<b>17</b>	<b>6</b>	<b>17</b>	<b>6</b>	<b>17</b>	<b>6</b>	<b>17</b>	<b>6</b>	<b>68</b>	<b>17</b>	<b>17</b>	<b>17</b>
10:00-10:15	11	4	11	4	11	4	11	4	44	11	11	11
10:15-10:30	11	4	11	4	11	4	11	4	44	11	11	11
10:30-10:45	11	4	11	4	11	4	11	4	44	11	11	11
10:45-11:00	11	4	11	4	11	4	11	4	44	11	11	11
11:00-11:15	11	4	11	4	11	4	11	4	44	11	11	11
11:15-11:30	11	4	11	4	11	4	11	4	44	11	11	11
11:30-11:45	11	4	11	4	11	4	11	4	44	11	11	11
11:45-12:00	11	4	11	4	11	4	11	4	44	11	11	11
<b>3 Hour</b>	<b>67</b>	<b>25</b>	<b>67</b>	<b>25</b>	<b>67</b>	<b>25</b>	<b>67</b>	<b>25</b>	<b>266</b>	<b>67</b>	<b>67</b>	<b>67</b>
<b>PM Peak</b>	<b>17</b>	<b>6</b>	<b>17</b>	<b>6</b>	<b>17</b>	<b>6</b>	<b>17</b>	<b>6</b>	<b>68</b>	<b>17</b>	<b>17</b>	<b>17</b>

Project Name: I-395 Air Rights  
 Project Number: 3780  
 Location: Washington, DC  
 Intersection: 3rd Street & E Street  
 Weather: rain AM, clear PM  
 Date: 10/19/2010  
 Surveyor: Gina



Hourly Pedestrian Count

Time Period	From To:	Direction								Total	1 4 2	3 6 4	5 6 6	7 6 8
		SE	NE	SE	SW	SE	SW	NW	NW					
<b>AM PEAK</b>														
7:00	8:00	104	65	36	49	67	42	49	31	443	169	85	109	80
7:15	8:15	112	146	39	47	74	60	50	34	562	258	86	134	84
7:30	8:30	133	170	45	67	100	68	59	34	676	303	112	168	93
7:45	8:45	146	198	48	75	109	85	66	48	775	344	123	194	114
8:00	9:00	150	229	54	85	123	92	94	51	878	379	139	215	145
8:15	9:15	154	185	63	95	137	92	118	60	904	339	158	229	178
8:30	9:30	143	182	64	82	114	101	119	89	894	325	145	215	208
8:45	9:45	107	190	67	76	109	96	123	78	846	297	143	205	201
9:00	10:00	84	166	67	69	102	94	118	74	774	250	136	196	192
<b>PM PEAK</b>														
16:00	17:00	81	114	28	42	84	58	71	38	516	195	70	142	109
16:15	17:15	102	155	31	54	95	68	75	60	640	257	85	163	135
16:30	17:30	117	199	42	67	99	86	87	77	774	316	109	185	164
16:45	17:45	158	229	54	87	125	110	98	89	950	387	141	235	187
17:00	18:00	161	201	50	95	145	111	93	87	943	362	145	256	180
17:15	18:15	167	166	57	88	137	127	82	73	897	333	145	264	155
17:30	18:30	165	119	44	73	141	105	58	58	763	284	117	246	116
17:45	18:45	136	83	27	56	125	90	37	43	597	219	83	215	80
18:00	19:00	130	76	28	44	101	85	32	39	535	206	72	186	71



