


APPENDIX G

Auto Access Emissions Calculations

Memorandum

To: Air Quality Files

From: Eulalie G. Lucas 
Transportation Engineer

Date: 10/12/2010

Re: Off- Network Emissions Calculations: Auto Access to transit

Introduction:

This memo documents emissions associated with auto access to transit for the following: 8-Hour Ozone season precursors VOC and NO_x, Wintertime CO, direct PM_{2.5}, and precursor NO_x. Travel data associated with these emission calculations reflect network updates as part of the air quality conformity analysis of the 2010 Constrained Long Range Plan (CLRP) and the FY 2011-2016 Transportation Improvement Plan (TIP). Procedures used for these calculations are consistent with those used for the Severe State Implementation Plan (SIP) submittal. The following paragraphs describe these procedures and updates.

Auto Access to transit emissions:

VMT Mix percent associated with auto access to transit includes only light duty trucks (LDGT2) and not heavy duty trucks as with network VMT mix percents. The LDGT2 weight category includes Ford Navigators, which are used by some commuters to transit and park and ride lots.

Methodology:

There were no changes to the approach used in previous analysis and the following paragraphs describe the steps applied.

The procedure used in the calculation of emissions associated with auto access to transit is an off-line process. The approach is very simple; it involves the application of an emissions rate to the various components of travel, i.e. start up, running (35 mph for arterials and 45 mph for freeways) and hot soak. For trips originating outside the MSA, only those miles within the MSA are used in the calculation. Forecasting for 'out years' is based on growth rates developed from total internal modeled transit trips. The growth rates are then applied to the MWCOG/DTP 2002 Park and Ride Utilization inventory data.

Separate emissions rates are applied by components of a trip cycle i.e. a start up rate for trip origins, a running rate for the running component and hot soak rate for trip destinations. These three rates represent an average of the twelve composite rates for jurisdictions in the non-attainment area and for seven MOBILE6 vehicle types, HDD fractions were zeroed out of the VMT Mix. This adjustment was made based on the assumption that heavy duty vehicles such as tractor trailers are typically not used by commuters for trips to and from transit locations or to

park and ride lots, however as mentioned in the above paragraph Light Duty Trucks are included in the VMT Mix percents.

As with the other components of the annual emissions inventory for fine particles, seasonal adjustments to travel data associated were applied. Totals for each of the three seasons were then added to provide an annual total for each pollutant.

Results:

There were no significant changes to emission rates therefore any changes in emission estimates are related to changes in network assumptions. Total Auto Access Emissions by year are listed in Exhibits 18 and 19 of the AQC report for annual emissions, Exhibits 17A and 17B for ozone season and Exhibit 20 for Winter CO. The attached exhibits show detailed results for 2011 for pollutants that are part of this analysis. Results for all other analysis years are contained in the air quality conformity files and are available upon request, this year's analysis was extended to 2040.

Table
 2011 VOC AIR QUALITY EMISSIONS INVENTORY
 AUTO ACCESS TO TRANSIT
 (8-HOUR OZONE AREA)
 2010 CLRP/FY2011-2016 TIP AIR QUALITY CONFORMITY

LOCATION	2002				2011		AVERAGE TRIP LENGTH	2002 VMT	2010 VMT	E M I S S I O N S								TOTAL	
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	2011 INSIDE Growth Rate	2011 OUTSIDE Growth Rate				COLD START		RUNNING		HOT SOAK					
										ARTERIAL %	FREEWAY	ARTERIAL VMT	FREEWAY VMT		Rate (gm/mile)	Arterial Rate (gm/mile)	Freeway Rate (gm/mile)		Total (tons/day)
COMMUTER RAIL LOTS					1.22	1.22								0.92114167	0.165775	0.147525	Running	0.53805833	
Naylor Road	50	216	216	431	263	263	7.5	3232.5	3,946	57	43	2,249	1,697	0.0008	0.0008	0.0006	0.0014	0.0005	0.0026
Prince George's Plaza	25	927	309	1236	1131	377	7.5	9270	11,315	57	43	6,450	4,865	0.0027	0.0024	0.0016	0.0039	0.0016	0.0082
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	9810	11,974	57	43	6,825	5,149	0.0041	0.0025	0.0017	0.0042	0.0024	0.0106
Suitland	50	1033	1033	2065	1260	1260	4.5	9292.5	11,342	57	43	6,465	4,877	0.0038	0.0024	0.0016	0.0039	0.0022	0.0100
Van Dorn Street	50	204	204	407	248	248	4.5	1831.5	2,236	57	43	1,274	961	0.0008	0.0005	0.0003	0.0008	0.0004	0.0020
West Hyattsville	25	453	151	604	553	184	7.5	4530	5,529	57	43	3,152	2,378	0.0013	0.0012	0.0008	0.0019	0.0008	0.0040
Wheaton	25	759	253	1012	926	309	7.5	7590	9,264	57	43	5,281	3,984	0.0022	0.0019	0.0013	0.0032	0.0013	0.0067
		78629	29681	108,310	95974	36229		711714	868,719					0.2317	0.1810	0.1215	0.3025	0.1353	0.6695

Bold figures: New numbers taken from P & R directory
 Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
transit trips 2011	1,096,680
transit trips 2000	863783
Annual growth rate	0.02451131
Growth factor (2002-2011)	1.22060181

Table
 2011 NOx AIR QUALITY EMISSIONS INVENTORY
 AUTO ACCESS TO TRANSIT
 (8-HOUR OZONE AREA)
 2010 CLRP/FY2011-2016 TIP AIR QUALITY CONFORMITY

10/07/2010

LOCATION	2002				2011		AVERAGE TRIP LENGTH	VMT	ARTERIAL	FREEWAY	ARTERIAL	FREEWAY	COLD START Rate (gm/mile)	E M I S S I O N S RUNNING			TOTAL (tons/day)
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate			%	VMT	VMT	Arterial Rate (gm/mile)		Freeway Rate (gm/mile)	Total Running Emission		
					1.22	1.22											
COMMUTER RAIL LOTS																	
Forest Glen	50	329	329	658	402	402	7.5	6,024	57	43	3,433	2,590	0.0007	0.0026	0.0020	0.0046	0.0053
Franconia - Springfield	50	1987	1987	3973	2425	2425	4.5	21,823	57	43	12,439	9,384	0.0042	0.0093	0.0073	0.0166	0.0207
Glenmont	50	925	925	1850	1129	1129	4.5	10,162	57	43	5,792	4,369	0.0019	0.0043	0.0034	0.0077	0.0097
Greenbelt	50	1783	1783	3565	2176	2176	7.5	32,636	57	43	18,602	14,033	0.0037	0.0139	0.0109	0.0248	0.0285
Naylor Road	50	216	216	431	263	263	7.5	3,946	57	43	2,249	1,697	0.0005	0.0017	0.0013	0.0030	0.0034
Prince George's Plaza	25	927	309	1236	1131	377	7.5	11,315	57	43	6,450	4,865	0.0015	0.0048	0.0038	0.0086	0.0101
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	11,974	57	43	6,825	5,149	0.0023	0.0051	0.0040	0.0091	0.0114
Suitland	50	1033	1033	2065	1260	1260	4.5	11,342	57	43	6,465	4,877	0.0022	0.0048	0.0038	0.0086	0.0108
Van Dorn Street	50	204	204	407	248	248	4.5	2,236	57	43	1,274	961	0.0004	0.0010	0.0007	0.0017	0.0021
West Hyattsville	25	453	151	604	553	184	7.5	5,529	57	43	3,152	2,378	0.0007	0.0024	0.0018	0.0042	0.0049
Wheaton	25	759	253	1012	926	309	7.5	9,264	57	43	5,281	3,984	0.0012	0.0039	0.0031	0.0070	0.0083
				108,310				868,719					0.1303	0.3701	0.2902	0.6603	0.7906

Bold figures: New numbers taken from P & R directory
 Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
transit trips 2010	1,096,680
transit trips 2000	863783
Annual growth rate	0.024511312
Growth factor (2002-2011)	1.220601807

**SEASON 1 (Jan-Apr)
2011 Precursor NOx
AUTO ACCESS TO TRANSIT
2010 CLRP / FY2011-2016 TIP AIR QUALITY CONFORMITY**

LOCATION	E M I S S I O N S																		
	2002				2010		AVERAGE	2010	ARTERIAL	FREEWAY	ARTERIAL	Adj.Art	FREEWAY	Adj.Fwy	COLD START	RUNNING			TOTAL
	OUTSIDE	INSIDE	OUTSIDE	Total	INSIDE	OUTSIDE	TRIP LENGTH	VMT			VMT	VMT	VMT	VMT		Arterial	Freeway	Total Running	(tons/day)
	MSA (%)	MSA	MSA		Growth Rate	Growth Rate			%					Rate (gm/mile)	Rate (gm/mile)	Rate (gm/mile)	Emission (tones/day)		
					1.22	1.22									Wk Days = 83				
COMMUTER RAIL LOTS															Seasonal adj = 0.9216				
Glenmont	50	925	925	1850	1129	1129	4.5	10,162	57	43	5,792	5,338	4,369	4,027	0.0015	0.0035	0.0028	0.0063	0.0078
Greenbelt	50	1783	1783	3565	2176	2176	7.5	32,636	57	43	18,602	17,144	14,033	12,933	0.0029	0.0112	0.0089	0.0201	0.0230
Naylor Road	50	216	216	431	263	263	7.5	3,946	57	43	2,249	2,073	1,697	1,564	0.0003	0.0014	0.0011	0.0024	0.0028
Prince George's Plaza	25	927	309	1236	1131	377	7.5	11,315	57	43	6,450	5,944	4,865	4,484	0.0012	0.0039	0.0031	0.0070	0.0082
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	11,974	57	43	6,825	6,290	5,149	4,745	0.0018	0.0041	0.0033	0.0074	0.0092
Suitland	50	1033	1033	2065	1260	1260	4.5	11,342	57	43	6,465	5,958	4,877	4,495	0.0017	0.0039	0.0031	0.0070	0.0087
Van Dorn Street	50	204	204	407	248	248	4.5	2,236	57	43	1,274	1,174	961	886	0.0003	0.0008	0.0006	0.0014	0.0017
West Hyattsville	25	453	151	604	553	184	7.5	5,529	57	43	3,152	2,905	2,378	2,191	0.0006	0.0019	0.0015	0.0034	0.0040
Wheaton	25	759	253	1012	926	309	7.5	9,264	57	43	5,281	4,867	3,984	3,671	0.0010	0.0032	0.0025	0.0057	0.0067
				108,749				872,738							0.1011	0.3008	0.2380	0.5387	0.639893
																		Seasonal Total (tons/season) =	53.11

Bold figures: New numbers taken from P & R directory
 Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
Transit trips 2011	1096680
Transit trips 2000	863783
Annual growth rate	0.024511312
Growth factor (2002-2011)	1.22060181

SEASON 2 (May-Sep)

2011 Precursor NOx

AUTO ACCESS TO TRANSIT

2010 CLRP / FY2011-2016 TIP AIR QUALITY CONFORMITY

Table with columns for LOCATION, 2002 (OUTSIDE MSA, INSIDE MSA, OUTSIDE MSA, Total), 2010 (INSIDE Growth Rate, OUTSIDE Growth Rate), AVERAGE (TRIP LENGTH, VMT), ARTERIAL (%), FREEWAY (VMT), ARTERIAL (VMT), Adj.Art (VMT), FREEWAY (VMT), Adj.Fwy (VMT), COLD START (Rate), RUNNING (Arterial, Freeway, Total Running Emission), and TOTAL (tons/day). Rows include various locations like NOTTOWAY PARK, CHARLES COUNTY, FREDERICK COUNTY, MONTGOMERY COUNTY, and FAIRFAX COUNTY.

SEASON 2 (May-Sep)

2011 Precursor NOx

AUTO ACCESS TO TRANSIT

2010 CLRP / FY2011-2016 TIP AIR QUALITY CONFORMITY

10/12/10

LOCATION	2002				2010		AVERAGE TRIP LENGTH	2010 VMT	ARTERIAL %	FREEWAY VMT	ARTERIAL VMT	Adj.Art VMT	FREEWAY VMT	Adj.Fwy VMT	COLD START Rate (gm/mile)	E M I S S I O N S			TOTAL (tons/day)
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate										RUNNING		Total Running Emission (tones/day)	
							Arterial	Freeway											
					1.22				Rate (gm/mile)	Rate (gm/mile)	Rate (gm/mile)								
COMMUTER RAIL LOTS																			
											Wk Days =	107		0.3446	0.2116	0.2215			
											Seasonal adj =	0.9873							
Glenmont	50	925	925	1850	1129	1129	4.5	10,162	57	43	5,792	5,719	4,369	4,314	0.0011	0.0027	0.0021	0.0048	0.0058
Greenbelt	50	1783	1783	3565	2176	2176	7.5	32,636	57	43	18,602	18,366	14,033	13,855	0.0020	0.0086	0.0068	0.0153	0.0174
Naylor Road	50	216	216	431	263	263	7.5	3,946	57	43	2,249	2,220	1,697	1,675	0.0002	0.0010	0.0008	0.0019	0.0021
Prince George's Plaza	25	927	309	1236	1131	377	7.5	11,315	57	43	6,450	6,368	4,865	4,804	0.0008	0.0030	0.0023	0.0053	0.0061
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	11,974	57	43	6,825	6,739	5,149	5,083	0.0012	0.0031	0.0025	0.0056	0.0069
Suitland	50	1033	1033	2065	1260	1260	4.5	11,342	57	43	6,465	6,383	4,877	4,815	0.0012	0.0030	0.0024	0.0053	0.0065
Van Dorn Street	50	204	204	407	248	248	4.5	2,236	57	43	1,274	1,258	961	949	0.0002	0.0006	0.0005	0.0011	0.0013
West Hyattsville	25	453	151	604	553	184	7.5	5,529	57	43	3,152	3,112	2,378	2,347	0.0004	0.0015	0.0011	0.0026	0.0030
Wheaton	25	759	253	1012	926	309	7.5	9,264	57	43	5,281	5,214	3,984	3,933	0.0007	0.0024	0.0019	0.0044	0.0050
				108,749											0.0712	0.2291	0.1809	0.4101	0.4813

Seasonal Total (tons/season) = 51.50

Bold figures: New numbers taken from P & R directory
 Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
Transit trips 2011	1096680
Transit trips 2000	863783
Annual growth rate	0.024511312
Growth factor (2002-2011)	1.220601807

SEASON 3 (Oct-Dec)
2011 Precursor NOx
AUTO ACCESS TO TRANSIT
2010 CLRP / FY2011-2016 TIP AIR QUALITY CONFORMITY

10/12/10

LOCATION	2002			2010		AVERAGE TRIP LENGTH	2010 VMT	ARTERIAL %	FREEWAY VMT	ARTERIAL VMT	Adj.Art VMT	FREEWAY VMT	Adj.Fwy VMT	E M I S S I O N S					TOTAL (tons/day)		
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate									OUTSIDE Growth Rate	COLD START			RUNNING			
															Rate (gm/mile)	Rate (gm/mile)	Rate (gm/mile)	Arterial Rate (gm/mile)		Freeway Rate (gm/mile)	Total Running Emission (tones/day)
				1.22		Wk Days = 61			Seasonal adj = 0.9282			0.4418	0.2477	0.2603							
COMMUTER RAIL LOTS																					
Glenmont	50	925	925	1850	1129	1129	4.5	10,162	57	43	5,792	5,376	4,369	4,056	0.0014	0.0029	0.0023	0.0053	0.0066		
Greenbelt	50	1783	1783	3565	2176	2176	7.5	32,636	57	43	18,602	17,267	14,033	13,026	0.0026	0.0094	0.0075	0.0169	0.0195		
Naylor Road	50	216	216	431	263	263	7.5	3,946	57	43	2,249	2,088	1,697	1,575	0.0003	0.0011	0.0009	0.0020	0.0024		
Prince George's Plaza	25	927	309	1236	1131	377	7.5	11,315	57	43	6,450	5,986	4,865	4,516	0.0011	0.0033	0.0026	0.0059	0.0069		
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	11,974	57	43	6,825	6,335	5,149	4,779	0.0016	0.0035	0.0027	0.0062	0.0078		
Suitland	50	1033	1033	2065	1260	1260	4.5	11,342	57	43	6,465	6,001	4,877	4,527	0.0015	0.0033	0.0026	0.0059	0.0074		
Van Dorn Street	50	204	204	407	248	248	4.5	2,236	57	43	1,274	1,183	961	892	0.0003	0.0006	0.0005	0.0012	0.0015		
West Hyattsville	25	453	151	604	553	184	7.5	5,529	57	43	3,152	2,925	2,378	2,207	0.0005	0.0016	0.0013	0.0029	0.0034		
Wheaton	25	759	253	1012	926	309	7.5	9,264	57	43	5,281	4,902	3,984	3,698	0.0009	0.0027	0.0021	0.0048	0.0057		
				108,749				872,738							0.0913	0.2521	0.1999	0.4520	0.5433		
													Seasonal Total (tons/season) 33.14								

Bold figures: New numbers taken from P & R directory
 Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
Transit trips 2011	1096680
Transit trips 2000	863783
Annual growth rate	0.024511312
Growth factor (2002-2011)	1.220601807

SEASON 1 (Jan-Apr)
2011 PM AIR QUALITY EMISSIONS INVENTORY
AUTO ACCESS TO TRANSIT
2010 CLRP / FY2011-2016 TIP AIR QUALITY CONFORMITY

LOCATION	2002				2010		AVERAGE TRIP LENGTH	2010 VMT	ADJ WINTER VMT	RUNNING Rate (gm/mile)	TOTAL (tons/day)
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate					
					1.22	1.22					
COMMUTER RAIL LOTS								Wk Days = 83 Seasonal adj = 0.9216	0.0114		
BRUNSWICK 25%	25	305	102	407	373	124	7.5	3,726	3,434	39	0.0000
PT OF ROCKS 25%	25	204	68	272	249	83	7.5	2,490	2,295	26	0.0000
DICKERSON	0	15	0	15	18	0	7.5	137	127	1	0.0000
BARNESVILLE	0	46	0	46	56	0	7.5	421	388	4	0.0000
GERMANTOWN	0	386	0	386	471	0	7.5	3,534	3,257	37	0.0000
MET GROVE	0	352	0	352	430	0	7.5	3,222	2,970	34	0.0000
WAS GROVE	0	15	0	15	18	0	7.5	137	127	1	0.0000
GARRETT PARK	0	22	0	22	27	0	7.5	201	186	2	0.0000
BOWIE 50%	50	188	188	375	229	229	7.5	3,433	3,164	36	0.0000
SEABROOK 15%	15	224	40	264	274	48	7.5	2,417	2,227	25	0.0000
KENSINGTON	0	45	0	45	55	0	7.5	412	380	4	0.0000
LAUREL 30%	30	209	90	299	255	109	7.5	2,737	2,523	29	0.0000
GAITHESBURG	0	280	0	280	342	0	7.5	2,563	2,362	27	0.0000
BERWYN HEIGHTS	0	30	0	30	37	0	4.5	165	152	2	0.0000
RIVERDALE	0	65	0	65	79	0	4.5	357	329	4	0.0000
METRO RAIL LOTS											
ADDISON ROAD 40%	40	791	527	1318	965	644	7.5	12,066	11,120	127	0.0001
ARCHIVES	0	12	0	12	15	0	4.5	66	61	1	0.0000
ARLING	0	10	0	10	12	0	4.5	55	51	1	0.0000
BALLSTON	0	1175	0	1175	1434	0	4.5	6,454	5,948	68	0.0001
BENN.RD	0	520	0	520	635	0	4.5	2,856	2,632	30	0.0000
BETH	0	395	0	395	482	0	4.5	2,170	2,000	23	0.0000
BRADD RD	0	10	0	10	12	0	4.5	55	51	1	0.0000
BROOKLAND	0	27	0	27	33	0	4.5	148	137	2	0.0000
CHEVERLY	0	557	0	557	680	0	4.5	3,059	2,820	32	0.0000
CLARENDON	0	554	0	554	676	0	4.5	3,043	2,804	32	0.0000
CLEVELAND PK	0	366	0	366	447	0	4.5	2,010	1,853	21	0.0000
COURT HOUSE	0	256	0	256	312	0	4.5	1,406	1,296	15	0.0000
CRYSTAL CITY	0	347	0	347	424	0	4.5	1,906	1,757	20	0.0000
DEANWOOD	0	194	0	194	237	0	4.5	1,066	982	11	0.0000
DUN LORING 10%	10	1220	136	1355	1489	165	4.5	7,443	6,859	78	0.0001
DUPONT CIRCLE	0	165	0	165	201	0	4.5	906	835	10	0.0000
EASTERN MKT	0	178	0	178	217	0	4.5	978	901	10	0.0000
EAST FALLS CH	0	442	0	442	540	0	4.5	2,428	2,237	26	0.0000
EIS	0	352	0	352	430	0	4.5	1,933	1,782	20	0.0000
FARRAGUT NORTH	0	102	0	102	125	0	4.5	560	516	6	0.0000
FARRAGUT WEST	0	221	0	221	270	0	4.5	1,214	1,119	13	0.0000
FEDERAL CENTER	0	75	0	75	92	0	4.5	412	380	4	0.0000
FEDERAL TRI	0	54	0	54	66	0	4.5	297	273	3	0.0000
FOGGY	0	102	0	102	125	0	4.5	560	516	6	0.0000
FORT TROTTEEN	0	445	0	445	543	0	4.5	2,444	2,253	26	0.0000
FRH.HEIGHTS	0	679	0	679	829	0	4.5	3,730	3,437	39	0.0000
GALLERY PLACE	0	124	0	124	151	0	4.5	681	628	7	0.0000
GROSVENOR	0	716	0	716	874	0	4.5	3,933	3,624	41	0.0000
HUNT NORTH 40%	40	1873	1249	3122	2286	1524	7.5	28,580	26,340	300	0.0003
JUD SQUARE	0	110	0	110	134	0	4.5	604	557	6	0.0000
KING ST	0	30	0	30	37	0	4.5	165	152	2	0.0000

SEASON 1 (Jan-Apr)
2011 PM AIR QUALITY EMISSIONS INVENTORY
AUTO ACCESS TO TRANSIT
2010 CLRP / FY2011-2016 TIP AIR QUALITY CONFORMITY

LOCATION	2002				2010		AVERAGE TRIP LENGTH	2010 VMT	ADJ WINTER VMT	RUNNING Rate (gm/mile)	TOTAL (tons/day)
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate					
					1.22	1.22					
								Wk Days = 83	0.0114		
COMMUTER RAIL LOTS								Seasonal adj = 0.9216			
LANDOVER 25%	25	1410	470	1880	1721	574	7.5	17,210	15,861	181	0.0002
L'ENFANT PLAZA	0	296	0	296	361	0	4.5	1,626	1,498	17	0.0000
MCPHERSON SQ	0	52	0	52	63	0	4.5	286	263	3	0.0000
MEDICAL CENTER	0	14	0	14	17	0	4.5	77	71	1	0.0000
METRO CENTER	0	177	0	177	216	0	4.5	972	896	10	0.0000
MINNES	0	353	0	353	431	0	4.5	1,939	1,787	20	0.0000
NAT AIR	0	87	0	87	106	0	4.5	478	440	5	0.0000
NEW CARROL 50%	50	1049	1049	2097	1280	1280	7.5	19,197	17,692	202	0.0002
PRNTAGON	0	561	0	561	685	0	4.5	3,081	2,840	32	0.0000
PENTAGON CITY	0	381	0	381	465	0	4.5	2,093	1,929	22	0.0000
POTOMAC AVE	0	533	0	533	651	0	4.5	2,928	2,698	31	0.0000
ROCKVILLE	0	667	0	667	814	0	4.5	3,664	3,376	38	0.0000
ROSSLYN	0	356	0	356	435	0	4.5	1,955	1,802	21	0.0000
SHADY GROVE 10%	10	3903	434	4337	4764	529	7.5	39,703	36,590	417	0.0005
SILVER SPRING	0	44	0	44	54	0	4.5	242	223	3	0.0000
SMITH MALL	0	120	0	120	146	0	4.5	659	607	7	0.0000
STADIUM ARM	0	976	0	976	1191	0	4.5	5,361	4,941	56	0.0001
TAKOMA PK	0	146	0	146	178	0	4.5	802	739	8	0.0000
TENLEYTON	0	17	0	17	21	0	4.5	93	86	1	0.0000
TWINBROOK	0	1136	0	1136	1387	0	4.5	6,240	5,751	66	0.0001
UNION STAT	0	378	0	378	461	0	4.5	2,076	1,913	22	0.0000
VAN NESS	0	343	0	343	419	0	4.5	1,884	1,736	20	0.0000
VIENNA 25%	25	2798	933	3731	3416	1139	7.5	34,155	31,478	359	0.0004
VA SQUARE	0	642	0	642	784	0	4.5	3,526	3,250	37	0.0000
WEST FALLS CHURCH	0	2183	0	2183	2665	0	4.5	11,991	11,051	126	0.0001
WHITE FLINT	0	1633	0	1633	1993	0	4.5	8,970	8,266	94	0.0001
WOODLEY	0	68	0	68	83	0	4.5	374	344	4	0.0000
RHODE ISLAND 30%	30	266	114	380	325	139	7.5	3,479	3,206	37	0.0000
BUS & CAR POOL LOTS											
CARTER BARRON	0	798	0	798	974	0	4.5	4,383	4,040	46	0.0001
PG PLAZA	0	47	0	47	57	0	4.5	258	238	3	0.0000
PENN MAR SHOPP.	0	100	0	100	122	0	4.5	549	506	6	0.0000
CAP PLAZA	0	100	0	100	122	0	4.5	549	506	6	0.0000
EASTOVER	0	100	0	100	122	0	4.5	549	506	6	0.0000
FOUR MILE RUN	0	28	0	28	34	0	4.5	154	142	2	0.0000
SPRINGFIELD MALL	0	580	0	580	708	0	4.5	3,186	2,936	33	0.0000
SPRINGFIELD METH CH	0	48	0	48	59	0	4.5	264	243	3	0.0000
FRED ARMORY	0	33	0	33	40	0	7.5	302	278	3	0.0000
MYERSVILLE	0	65	0	65	79	0	7.5	595	548	6	0.0000
ROSEMONT	0	45	0	45	55	0	7.5	412	380	4	0.0000
URBANA	0	193	0	193	236	0	7.5	1,767	1,628	19	0.0000
JEFFERSON	0	40	0	40	49	0	7.5	366	337	4	0.0000
NORBECK RD	0	248	0	248	303	0	7.5	2,270	2,092	24	0.0000
MONTROSE RD	0	650	0	650	793	0	7.5	5,950	5,484	63	0.0001
BRIGG CHENNY 50%	50	215	215	430	262	262	7.5	3,936	3,628	41	0.0000
COMUS ROAD	0	30	0	30	37	0	7.5	275	253	3	0.0000
LAKEFOREST MALL	0	300	0	300	366	0	7.5	2,746	2,531	29	0.0000

SEASON 1 (Jan-Apr)
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LOCATION	2002				2010		AVERAGE TRIP LENGTH	2010 VMT	ADJ WINTER VMT	RUNNING Rate (gm/mile)	TOTAL (tons/day)	
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate						
					1.22	1.22						
								Wk Days = 83	0.0114			
								Seasonal adj = 0.9216				
COMMUTER RAIL LOTS												
BURTONSVILLE	0	500	0	500	610	0	7.5	4,577	4,218	48	0.0001	
FORCEY MEM.	0	200	0	200	244	0	7.5	1,831	1,687	19	0.0000	
TECH ROAD	0	155	0	155	189	0	7.5	1,419	1,308	15	0.0000	
BELTWAY	0	265	0	265	323	0	7.5	2,426	2,236	25	0.0000	
LAUREL VAN DUSEN	0	62	0	62	76	0	7.5	568	523	6	0.0000	
ACCOKEEK	0	450	0	450	549	0	7.5	4,120	3,797	43	0.0000	
ABC DRIVE IN	0	100	0	100	122	0	7.5	915	844	10	0.0000	
BOWIE 20%	20	526	131	657	642	160	7.5	6,015	5,543	63	0.0001	
CLINTON 50%	50	212	212	424	259	259	7.5	3,882	3,577	41	0.0000	
OXON HILL 20%	20	519	130	649	634	158	7.5	5,941	5,475	62	0.0001	
EQUESTRIAN CENTER	50	150	150	300	183	183	7.5	2,746	2,531	29	0.0000	
BOWIE MARKET PLACE	0	50	0	50	61	0	7.5	458	422	5	0.0000	
FT. WASHINGTON	0	412	0	412	503	0	7.5	3,772	3,476	40	0.0000	
MONTPELIER REC PARK	0	70	0	70	85	0	7.5	641	591	7	0.0000	
RESTON	0	1547	0	1547	1888	0	7.5	14,162	13,052	149	0.0002	
GREENBRIAR	0	55	0	55	67	0	7.5	503	464	5	0.0000	
FAIR OAKS	0	150	0	150	183	0	7.5	1,373	1,266	14	0.0000	
ROLLING VALLEY	0	628	0	628	767	0	7.5	5,749	5,298	60	0.0001	
SPRINGFIELD PLAZA	0	230	0	230	281	0	7.5	2,106	1,940	22	0.0000	
FAIRLANES BOWL	0	35	0	35	43	0	7.5	320	295	3	0.0000	
NOTTOWAY PARK	0	14	0	14	17	0	7.5	128	118	1	0.0000	
HORNER RD	0	2397	0	2397	2926	0	7.5	21,943	20,223	231	0.0003	
LAKE RIDGE	0	555	0	555	677	0	7.5	5,081	4,682	53	0.0001	
MINNIEVILLE RD 40%	40	336	224	560	410	273	7.5	5,127	4,725	54	0.0001	
GORDON BLVD	0	156	0	156	190	0	7.5	1,428	1,316	15	0.0000	
HILLENDALE	0	248	0	248	303	0	7.5	2,270	2,092	24	0.0000	
POTOMAC MILLS	0	946	0	946	1155	0	7.5	8,660	7,981	91	0.0001	
List of new lots to be added in Conformity Document list												
PARK-AND-RIDE LOTS - MARYLAND												
PARK-AND-RIDE LOTS - MARYLAND												
CHARLES COUNTY												
301 Park & Ride	25	287	96	383	351	117	7.5	3,506	3,231	37	0.0000	
Charles County Governme	25	26	9	35	32	11	7.5	320	295	3	0.0000	
Food Lion Shopping Cente	25	38	13	50	46	15	7.5	458	422	5	0.0000	
La Plata Armory	25	15	5	20	18	6	7.5	183	169	2	0.0000	
Laurel Springs Regional Pa	25	38	13	50	46	15	7.5	458	422	5	0.0000	
Life Wesleyan Church	25	38	13	50	46	15	7.5	458	422	5	0.0000	
Mattawoman-Beantown Rd	25	435	145	580	531	177	7.5	5,310	4,893	56	0.0001	
Smallwood Village	25	75	25	100	92	31	7.5	915	844	10	0.0000	
St. Charles Towne	25	263	88	350	320	107	7.5	3,204	2,953	34	0.0000	
PARK-AND-RIDE LOTS - MARYLAND												
FREDERICK COUNTY												
Frederick (north)	25	123	41	164	150	50	7.5	1,501	1,384	16	0.0000	
Frederick (south)	25	173	58	230	211	70	7.5	2,106	1,940	22	0.0000	
Monacacy Marcst	25	600	200	800	732	244	7.5	7,324	6,749	77	0.0001	
PARK-AND-RIDE LOTS - MARYLAND												
MONTGOMERY COUNTY												
Colesville	0	190	0	190	232	0	7.5	1,739	1,603	18	0.0000	
Damascus	50	0	0	0	0	0	7.5	0	0	0	0.0000	
Gaithersburg	50	259	259	517	316	316	7.5	4,733	4,362	50	0.0001	
Gaithersburg	50	175	175	350	214	214	7.5	3,204	2,953	34	0.0000	
Germantown Town	50	0	0	0	0	0	7.5	0	0	0	0.0000	

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	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate					
COMMUTER RAIL LOTS					1.22	1.22		Seasonal adj = 0.9216			
Greencastle	50	75	75	150	92	92	7.5	1,373	1,266	14	0.0000
Milestone Shopping	50	88	88	175	107	107	7.5	1,602	1,476	17	0.0000
PARK-AND-RIDE LOTS - MAYLAND PRINCE GEORGE'S COUNTY											
Hampton Mall	0	100	0	100	122	0	4.5	549	506	6	0.0000
Laurel (south)	25	513	171	684	626	209	7.5	6,262	5,771	66	0.0001
PARK-AND-RIDE LOTS - VIRGINIA ARLINGTON COUNTY					0	0		0	0	0	0.0000
Ballston Public Parking Garage	25	375	125	500	458	153	7.5	4,577	4,218	48	0.0001
Washington-Lee	50	178	178	356	217	217	7.5	3,259	3,004	34	0.0000
PARK-AND-RIDE LOTS - VIRGINIA FAIRFAX COUNTY											
American Legion	50	50	50	100	61	61	7.5	915	844	10	0.0000
Canterbury Woods Pk	50	17	17	34	21	21	7.5	311	287	3	0.0000
Centreville	50	185	185	370	226	226	7.5	3,387	3,122	36	0.0000
Centreville United Methodist	50	74	74	147	90	90	7.5	1,346	1,240	14	0.0000
Fairfax County Government	50	85	85	170	104	104	7.5	1,556	1,434	16	0.0000
Greenbriar Park	50	28	28	55	34	34	7.5	503	464	5	0.0000
Herndon-Monroe	50	873	873	1,745	1065	1065	7.5	15,975	14,722	168	0.0002
Michael's	50	100	100	200	122	122	7.5	1,831	1,687	19	0.0000
Parkwood Baptist	50	9	9	18	11	11	7.5	165	152	2	0.0000
South Run District Pk	50	170	170	340	208	208	7.5	3,113	2,869	33	0.0000
St Paul Chung Catholic Ch	50	50	50	100	61	61	7.5	915	844	10	0.0000
Stringfellow Rd	50	181	181	361	220	220	7.5	3,305	3,046	35	0.0000
Sully Station	50	70	70	140	85	85	7.5	1,282	1,181	13	0.0000
Sydenstricker Rd	50	84	84	167	102	102	7.5	1,529	1,409	16	0.0000
Wakefield Chapel Pk	50	25	25	50	31	31	7.5	458	422	5	0.0000
PARK-AND-RIDE LOTS - VIRGINIA LOUDOUN COUNTY											
Ashburn Farm	50	10	10	20	12	12	7.5	183	169	2	0.0000
Ashburn Village	50	20	20	40	24	24	7.5	366	337	4	0.0000
Cascades	50	28	28	55	34	34	7.5	503	464	5	0.0000
Dulles North Transit	50	375	375	750	458	458	7.5	6,866	6,328	72	0.0001
Hamilton	50	25	25	50	31	31	7.5	458	422	5	0.0000
Innovation Avenue	50	38	38	75	46	46	7.5	687	633	7	0.0000
Leesburg	50	25	25	50	31	31	7.5	458	422	5	0.0000
Leesburg Kohls	50	600	600	1200	732	732	7.5	10,985	10,124	115	0.0001
Purcellville	50	18	18	35	21	21	7.5	320	295	3	0.0000
Sterling Park SC	50	23	23	45	27	27	7.5	412	380	4	0.0000
Sterling Shaw Rd	50	24	24	48	29	29	7.5	439	405	5	0.0000
PARK-AND-RIDE LOTS - VIRGINIA PRINCE WILLIAM COUNTY											
Brittany	50	48	48	95	58	58	7.5	870	801	9	0.0000
Dale City	50	294	294	587	358	358	7.5	5,374	4,952	56	0.0001
Harbor Drive	50	100	100	200	122	122	7.5	1,831	1,687	19	0.0000
Lindendale	50	108	108	216	132	132	7.5	1,977	1,822	21	0.0000
Montclair	50	25	25	50	31	31	7.5	458	422	5	0.0000
PRTC Transit Center	50	93	93	185	113	113	7.5	1,694	1,561	18	0.0000
Tackett's Mill	50	85	85	169	103	103	7.5	1,547	1,426	16	0.0000
Triangle	50	15	15	29	18	18	7.5	265	245	3	0.0000
I-95 / Rt 123	50	282	282	563	344	344	7.5	5,154	4,750	54	0.0001
US 1 / VA 234	50	137	137	274	167	167	7.5	2,508	2,312	26	0.0000
MARC TRAIN COMMUTER LOTS					0	0		0			
College Park	25	431	144	574	525	175	7.5	5,255	4,843	55	0.0001

SEASON 1 (Jan-Apr)
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	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate					
					1.22	1.22					
COMMUTER RAIL LOTS								Wk Days = 83 Seasonal adj = 0.9216	0.0114		
Frederick	0	0	0	0	0	0	7.5	0	0	0.0000	
Greenbelt	60	1346	2018	3364	1642	2464	7.5	30,796	28,381	324 0.0004	
Harpers Ferry		98	0	98	120	0	7.5	897	827	9 0.0000	
Muirkirk	60	260	390	650	317	476	7.5	5,950	5,484	63 0.0001	
Seabrook	0	264	0	264	322	0	4.5	1,450	1,336	15 0.0000	
Silver Spring	0	0	0	0	0	0	4.5	0	0	0 0.0000	
Union Station	0	781	0	781	953	0	7.5	7,150	6,589	75 0.0001	
VIRGINIA RAILWAY EXPRESS COMMUTER LOTS											
Backlick Road	50	110	110	220	134	134	7.5	2,014	1,856	21 0.0000	
Broad Run	50	198	198	396	242	242	7.5	3,625	3,341	38 0.0000	
Brooke	50	150	150	300	183	183	7.5	2,746	2,531	29 0.0000	
Burke Center	50	275	275	550	336	336	7.5	5,035	4,640	53 0.0001	
Franconia/Springfield (oper	50	1900	1900	3800	2319	2319	7.5	34,787	32,060	365 0.0004	
Leeland Road	50	326	326	652	398	398	7.5	5,969	5,501	63 0.0001	
Lorton	50	100	100	200	122	122	7.5	1,831	1,687	19 0.0000	
Manassas	50	187	187	374	228	228	7.5	3,424	3,155	36 0.0000	
Manassas Park	50	150	150	300	183	183	7.5	2,746	2,531	29 0.0000	
Quantico	50	109	109	217	132	132	7.5	1,987	1,831	21 0.0000	
Rippon 50	50	150	150	300	183	183	7.5	2,746	2,531	29 0.0000	
Rolling Road	50	185	185	370	226	226	7.5	3,387	3,122	36 0.0000	
Woodbridge	50	294	294	588	359	359	7.5	5,383	4,961	57 0.0001	
METRORAIL PARKING LOTS											
Anacostia	25	861	287	1148	1051	350	7.5	10,509	9,685	110 0.0001	
Branch Avenue	50	1611	1611	3222	1966	1966	7.5	29,496	27,183	310 0.0003	
Capitol Heights	50	194	194	387	236	236	7.5	3,543	3,265	37 0.0000	
College Park	25	465	155	620	568	189	7.5	5,676	5,231	60 0.0001	
Congress Heights	0	66	0	66	81	0	4.5	363	334	4 0.0000	
Deanwood	0	194	0	194	237	0	7.5	1,776	1,637	19 0.0000	
East Falls Church	50	221	221	442	270	270	7.5	4,046	3,729	43 0.0000	
Forest Glen	50	329	329	658	402	402	7.5	6,024	5,551	63 0.0001	
Franconia - Springfield	50	1987	1987	3973	2425	2425	4.5	21,823	20,112	229 0.0003	
Glenmont	50	925	925	1850	1129	1129	4.5	10,162	9,365	107 0.0001	
Greenbelt	50	1783	1783	3565	2176	2176	7.5	32,636	30,077	343 0.0004	
Naylor Road	50	216	216	431	263	263	7.5	3,946	3,636	41 0.0000	
Prince George's Plaza	25	927	309	1236	1131	377	7.5	11,315	10,428	119 0.0001	
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	11,974	11,035	126 0.0001	
Suitland	50	1033	1033	2065	1260	1260	4.5	11,342	10,453	119 0.0001	
Van Dom Street	50	204	204	407	248	248	4.5	2,236	2,060	23 0.0000	
West Hyattsville	25	453	151	604	553	184	7.5	5,529	5,096	58 0.0001	
Wheaton	25	759	253	1012	926	309	7.5	9,264	8,538	97 0.0001	
				108,749				872,738		9,169.1973	0.0101
										Seasonal Total (tons/season) =	0.8389

Bold figures: New numbers taken from P & R directory

Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
Transit trips 2011	1096680
Transit trips 2000	863783
Annual growth rate	0.024511312
Growth factor (2002-2011)	1.220601807

SEASON 2 (May-Sep)
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	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE	OUTSIDE					
					Growth Rate	Growth Rate					
					1.22	1.22		Wk Days = 107	0.0114		
COMMUTER RAIL LOTS								Seasonal adj = 0.9873			
BRUNSWICK 25%	25	305	102	407	373	124	7.5	3,726	3,679	42	0.0000
PT OF ROCKS 25%	25	204	68	272	249	83	7.5	2,490	2,458	28	0.0000
DICKERSON	0	15	0	15	18	0	7.5	137	136	2	0.0000
BARNESVILLE	0	46	0	46	56	0	7.5	421	416	5	0.0000
GERMANTOWN	0	386	0	386	471	0	7.5	3,534	3,489	40	0.0000
MET GROVE	0	352	0	352	430	0	7.5	3,222	3,181	36	0.0000
WAS GROVE	0	15	0	15	18	0	7.5	137	136	2	0.0000
GARRETT PARK	0	22	0	22	27	0	7.5	201	199	2	0.0000
BOWIE 50%	50	188	188	375	229	229	7.5	3,433	3,389	39	0.0000
SEABROOK 15%	15	224	40	264	274	48	7.5	2,417	2,386	27	0.0000
KENSINGTON	0	45	0	45	55	0	7.5	412	407	5	0.0000
LAUREL 30%	30	209	90	299	255	109	7.5	2,737	2,702	31	0.0000
GAITHESBURG	0	280	0	280	342	0	7.5	2,563	2,531	29	0.0000
BERWYN HEIGHTS	0	30	0	30	37	0	4.5	165	163	2	0.0000
RIVERDALE	0	65	0	65	79	0	4.5	357	352	4	0.0000
METRO RAIL LOTS											
ADDISON ROAD 40%	40	791	527	1318	965	644	7.5	12,066	11,912	136	0.0001
ARCHIVES	0	12	0	12	15	0	4.5	66	65	1	0.0000
ARLING	0	10	0	10	12	0	4.5	55	54	1	0.0000
BALLSTON	0	1175	0	1175	1434	0	4.5	6,454	6,372	73	0.0001
BENN.RD	0	520	0	520	635	0	4.5	2,856	2,820	32	0.0000
BETH	0	395	0	395	482	0	4.5	2,170	2,142	24	0.0000
BRADD RD	0	10	0	10	12	0	4.5	55	54	1	0.0000
BROOKLAND	0	27	0	27	33	0	4.5	148	146	2	0.0000
CHEVERLY	0	557	0	557	680	0	4.5	3,059	3,021	34	0.0000
CLARENDON	0	554	0	554	676	0	4.5	3,043	3,004	34	0.0000
CLEVELAND PK	0	366	0	366	447	0	4.5	2,010	1,985	23	0.0000
COURT HOUSE	0	256	0	256	312	0	4.5	1,406	1,388	16	0.0000
CRYSTAL CITY	0	347	0	347	424	0	4.5	1,906	1,882	21	0.0000
DEANWOOD	0	194	0	194	237	0	4.5	1,066	1,052	12	0.0000
DUN LORING 10%	10	1220	136	1355	1489	165	4.5	7,443	7,348	84	0.0001
DUPONT CIRCLE	0	165	0	165	201	0	4.5	906	895	10	0.0000
EASTERN MKT	0	178	0	178	217	0	4.5	978	965	11	0.0000
EAST FALLS CH	0	442	0	442	540	0	4.5	2,428	2,397	27	0.0000
EIS	0	352	0	352	430	0	4.5	1,933	1,909	22	0.0000
FARRAGUT NORTH	0	102	0	102	125	0	4.5	560	553	6	0.0000
FARRAGUT WEST	0	221	0	221	270	0	4.5	1,214	1,198	14	0.0000
FEDERAL CENTER	0	75	0	75	92	0	4.5	412	407	5	0.0000
FEDERAL TRI	0	54	0	54	66	0	4.5	297	293	3	0.0000
FOGGY	0	102	0	102	125	0	4.5	560	553	6	0.0000
FORT TROTTEEN	0	445	0	445	543	0	4.5	2,444	2,413	28	0.0000
FRH.HEIGHTS	0	679	0	679	829	0	4.5	3,730	3,682	42	0.0000
GALLERY PLACE	0	124	0	124	151	0	4.5	681	672	8	0.0000
GROSVENOR	0	716	0	716	874	0	4.5	3,933	3,883	44	0.0000
HUNT NORTH 40%	40	1873	1249	3122	2286	1524	7.5	28,580	28,217	322	0.0004
JUD SQUARE	0	110	0	110	134	0	4.5	604	597	7	0.0000
KING ST	0	30	0	30	37	0	4.5	165	163	2	0.0000

SEASON 2 (May-Sep)
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LOCATION	2002				2010		AVERAGE TRIP LENGTH	2010 VMT	ADJ WINTER VMT	RUNNING Rate (gm/mile)	TOTAL (tons/day)
	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE	OUTSIDE					
					Growth Rate	Growth Rate					
					1.22	1.22		Wk Days = 107	0.0114		
COMMUTER RAIL LOTS								Seasonal adj = 0.9873			
LANDOVER 25%	25	1410	470	1880	1721	574	7.5	17,210	16,992	194	0.0002
L'ENFANT PLAZA	0	296	0	296	361	0	4.5	1,626	1,605	18	0.0000
MCPHERSON SQ	0	52	0	52	63	0	4.5	286	282	3	0.0000
MEDICAL CENTER	0	14	0	14	17	0	4.5	77	76	1	0.0000
METRO CENTER	0	177	0	177	216	0	4.5	972	960	11	0.0000
MINNES	0	353	0	353	431	0	4.5	1,939	1,914	22	0.0000
NAT AIR	0	87	0	87	106	0	4.5	478	472	5	0.0000
NEW CARROL 50%	50	1049	1049	2097	1280	1280	7.5	19,197	18,953	216	0.0002
PRNTAGON	0	561	0	561	685	0	4.5	3,081	3,042	35	0.0000
PENTAGON CITY	0	381	0	381	465	0	4.5	2,093	2,066	24	0.0000
POTOMAC AVE	0	533	0	533	651	0	4.5	2,928	2,890	33	0.0000
ROCKVILLE	0	667	0	667	814	0	4.5	3,664	3,617	41	0.0000
ROSSLYN	0	356	0	356	435	0	4.5	1,955	1,931	22	0.0000
SHADY GROVE 10%	10	3903	434	4337	4764	529	7.5	39,703	39,199	447	0.0005
SILVER SPRING	0	44	0	44	54	0	4.5	242	239	3	0.0000
SMITH MALL	0	120	0	120	146	0	4.5	659	651	7	0.0000
STADIUM ARM	0	976	0	976	1191	0	4.5	5,361	5,293	60	0.0001
TAKOMA PK	0	146	0	146	178	0	4.5	802	792	9	0.0000
TENLEYTON	0	17	0	17	21	0	4.5	93	92	1	0.0000
TWINBROOK	0	1136	0	1136	1387	0	4.5	6,240	6,160	70	0.0001
UNION STAT	0	378	0	378	461	0	4.5	2,076	2,050	23	0.0000
VAN NESS	0	343	0	343	419	0	4.5	1,884	1,860	21	0.0000
VIENNA 25%	25	2798	933	3731	3416	1139	7.5	34,155	33,722	384	0.0004
VA SQUARE	0	642	0	642	784	0	4.5	3,526	3,482	40	0.0000
WEST FALLS CHURCH	0	2183	0	2183	2665	0	4.5	11,991	11,838	135	0.0001
WHITE FLINT	0	1633	0	1633	1993	0	4.5	8,970	8,856	101	0.0001
WOODLEY	0	68	0	68	83	0	4.5	374	369	4	0.0000
RHODE ISLAND 30%	30	266	114	380	325	139	7.5	3,479	3,435	39	0.0000
BUS & CAR POOL LOTS											
CARTER BARRON	0	798	0	798	974	0	4.5	4,383	4,328	49	0.0001
PG PLAZA	0	47	0	47	57	0	4.5	258	255	3	0.0000
PENN MAR SHOPP.	0	100	0	100	122	0	4.5	549	542	6	0.0000
CAP PLAZA	0	100	0	100	122	0	4.5	549	542	6	0.0000
EASTOVER	0	100	0	100	122	0	4.5	549	542	6	0.0000
FOUR MILE RUN	0	28	0	28	34	0	4.5	154	152	2	0.0000
SPRINGFIELD MALL	0	580	0	580	708	0	4.5	3,186	3,145	36	0.0000
SPRINGFIELD METH CH	0	48	0	48	59	0	4.5	264	260	3	0.0000
FRED ARMORY	0	33	0	33	40	0	7.5	302	298	3	0.0000
MYERSVILLE	0	65	0	65	79	0	7.5	595	587	7	0.0000
ROSEMONT	0	45	0	45	55	0	7.5	412	407	5	0.0000
URBANA	0	193	0	193	236	0	7.5	1,767	1,744	20	0.0000
JEFFERSON	0	40	0	40	49	0	7.5	366	362	4	0.0000
NORBECK RD	0	248	0	248	303	0	7.5	2,270	2,241	26	0.0000
MONTROSE RD	0	650	0	650	793	0	7.5	5,950	5,875	67	0.0001
BRIGG CHENNY 50%	50	215	215	430	262	262	7.5	3,936	3,886	44	0.0000
COMUS ROAD	0	30	0	30	37	0	7.5	275	271	3	0.0000
LAKEFOREST MALL	0	300	0	300	366	0	7.5	2,746	2,711	31	0.0000

SEASON 2 (May-Sep)
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	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE	OUTSIDE					
					Growth Rate	Growth Rate					
					1.22	1.22		Wk Days = 107	0.0114		
COMMUTER RAIL LOTS								Seasonal adj = 0.9873			
BURTONSVILLE	0	500	0	500	610	0	7.5	4,577	4,519	52	0.0001
FORCEY MEM.	0	200	0	200	244	0	7.5	1,831	1,808	21	0.0000
TECH ROAD	0	155	0	155	189	0	7.5	1,419	1,401	16	0.0000
BELTWAY	0	265	0	265	323	0	7.5	2,426	2,395	27	0.0000
LAUREL VAN DUSEN	0	62	0	62	76	0	7.5	568	560	6	0.0000
ACCOKEEK	0	450	0	450	549	0	7.5	4,120	4,067	46	0.0001
ABC DRIVE IN	0	100	0	100	122	0	7.5	915	904	10	0.0000
BOWIE 20%	20	526	131	657	642	160	7.5	6,015	5,938	68	0.0001
CLINTON 50%	50	212	212	424	259	259	7.5	3,882	3,832	44	0.0000
OXON HILL 20%	20	519	130	649	634	158	7.5	5,941	5,866	67	0.0001
EQUESTRIAN CENTER	50	150	150	300	183	183	7.5	2,746	2,711	31	0.0000
BOWIE MARKET PLACE	0	50	0	50	61	0	7.5	458	452	5	0.0000
FT. WASHINGTON	0	412	0	412	503	0	7.5	3,772	3,724	42	0.0000
MONTPELIER REC PARK	0	70	0	70	85	0	7.5	641	633	7	0.0000
RESTON	0	1547	0	1547	1888	0	7.5	14,162	13,982	159	0.0002
GREENBRIAR	0	55	0	55	67	0	7.5	503	497	6	0.0000
FAIR OAKS	0	150	0	150	183	0	7.5	1,373	1,356	15	0.0000
ROLLING VALLEY	0	628	0	628	767	0	7.5	5,749	5,676	65	0.0001
SPRINGFIELD PLAZA	0	230	0	230	281	0	7.5	2,106	2,079	24	0.0000
FAIRLANES BOWL	0	35	0	35	43	0	7.5	320	316	4	0.0000
NOTTOWAY PARK	0	14	0	14	17	0	7.5	128	127	1	0.0000
HORNER RD	0	2397	0	2397	2926	0	7.5	21,943	21,665	247	0.0003
LAKE RIDGE	0	555	0	555	677	0	7.5	5,081	5,016	57	0.0001
MINNIEVILLE RD 40%	40	336	224	560	410	273	7.5	5,127	5,061	58	0.0001
GORDON BLVD	0	156	0	156	190	0	7.5	1,428	1,410	16	0.0000
HILLENDALE	0	248	0	248	303	0	7.5	2,270	2,241	26	0.0000
POTOMAC MILLS	0	946	0	946	1155	0	7.5	8,660	8,550	97	0.0001
List of new lots to be added in Conformity Document list											
PARK-AND-RIDE LOTS - MARYLAND											
PARK-AND-RIDE LOTS - MARYLAND											
CHARLES COUNTY											
301 Park & Ride	25	287	96	383	351	117	7.5	3,506	3,462	39	0.0000
Charles County Governmen	25	26	9	35	32	11	7.5	320	316	4	0.0000
Food Lion Shopping Cente	25	38	13	50	46	15	7.5	458	452	5	0.0000
La Plata Armory	25	15	5	20	18	6	7.5	183	181	2	0.0000
Laurel Springs Regional Pa	25	38	13	50	46	15	7.5	458	452	5	0.0000
Life Wesleyan Church	25	38	13	50	46	15	7.5	458	452	5	0.0000
Mattawoman-Beantown Rd	25	435	145	580	531	177	7.5	5,310	5,242	60	0.0001
Smallwood Village	25	75	25	100	92	31	7.5	915	904	10	0.0000
St. Charles Towne	25	263	88	350	320	107	7.5	3,204	3,163	36	0.0000
PARK-AND-RIDE LOTS - MARYLAND											
FREDERICK COUNTY											
Frederick (north)	25	123	41	164	150	50	7.5	1,501	1,482	17	0.0000
Frederick (south)	25	173	58	230	211	70	7.5	2,106	2,079	24	0.0000
Monacacy Marcst	25	600	200	800	732	244	7.5	7,324	7,231	82	0.0001
PARK-AND-RIDE LOTS - MARYLAND											
MONTGOMERY COUNTY											
Colesville	0	190	0	190	232	0	7.5	1,739	1,717	20	0.0000
Damascus	50	0	0	0	0	0	7.5	0	0	0	0.0000
Gaithersburg	50	259	259	517	316	316	7.5	4,733	4,673	53	0.0001
Gaithersburg	50	175	175	350	214	214	7.5	3,204	3,163	36	0.0000
Germantown Town	50	0	0	0	0	0	7.5	0	0	0	0.0000

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	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE	OUTSIDE					
					Growth Rate	Growth Rate					
					1.22	1.22		Wk Days = 107	0.0114		
COMMUTER RAIL LOTS								Seasonal adj = 0.9873			
Greencastle	50	75	75	150	92	92	7.5	1,373	1,356	15	0.0000
Milestone Shopping	50	88	88	175	107	107	7.5	1,602	1,582	18	0.0000
PARK-AND-RIDE LOTS - MAYLAND PRINCE GEORGE'S COUNTY											
Hampton Mall	0	100	0	100	122	0	4.5	549	542	6	0.0000
Laurel (south)	25	513	171	684	626	209	7.5	6,262	6,182	70	0.0001
PARK-AND-RIDE LOTS - VIRGINIA ARLINGTON COUNTY					0	0		0	0	0	0.0000
Ballston Public Parking Ga	25	375	125	500	458	153	7.5	4,577	4,519	52	0.0001
Washington-Lee	50	178	178	356	217	217	7.5	3,259	3,218	37	0.0000
PARK-AND-RIDE LOTS - VIRGINIA FAIRFAX COUNTY											
American Legion	50	50	50	100	61	61	7.5	915	904	10	0.0000
Canterbury Woods Pk	50	17	17	34	21	21	7.5	311	307	4	0.0000
Centreville	50	185	185	370	226	226	7.5	3,387	3,344	38	0.0000
Centreville United Methodis	50	74	74	147	90	90	7.5	1,346	1,329	15	0.0000
Fairfax County Governmen	50	85	85	170	104	104	7.5	1,556	1,537	18	0.0000
Greenbriar Park	50	28	28	55	34	34	7.5	503	497	6	0.0000
Herndon-Monroe	50	873	873	1,745	1065	1065	7.5	15,975	15,772	180	0.0002
Michael's	50	100	100	200	122	122	7.5	1,831	1,808	21	0.0000
Parkwood Baptist	50	9	9	18	11	11	7.5	165	163	2	0.0000
South Run District Pk	50	170	170	340	208	208	7.5	3,113	3,073	35	0.0000
St Paul Chung Catholic Ch	50	50	50	100	61	61	7.5	915	904	10	0.0000
Stringfellow Rd	50	181	181	361	220	220	7.5	3,305	3,263	37	0.0000
Sully Station	50	70	70	140	85	85	7.5	1,282	1,265	14	0.0000
Sydenstricker Rd	50	84	84	167	102	102	7.5	1,529	1,509	17	0.0000
Wakefield Chapel Pk	50	25	25	50	31	31	7.5	458	452	5	0.0000
PARK-AND-RIDE LOTS - VIRGINIA LOUDOUN COUNTY											
Ashburn Farm	50	10	10	20	12	12	7.5	183	181	2	0.0000
Ashburn Village	50	20	20	40	24	24	7.5	366	362	4	0.0000
Cascades	50	28	28	55	34	34	7.5	503	497	6	0.0000
Dulles North Transit	50	375	375	750	458	458	7.5	6,866	6,779	77	0.0001
Hamilton	50	25	25	50	31	31	7.5	458	452	5	0.0000
Innovation Avenue	50	38	38	75	46	46	7.5	687	678	8	0.0000
Leesburg	50	25	25	50	31	31	7.5	458	452	5	0.0000
Leesburg Kohls	50	600	600	1200	732	732	7.5	10,985	10,846	124	0.0001
Purcellville	50	18	18	35	21	21	7.5	320	316	4	0.0000
Sterling Park SC	50	23	23	45	27	27	7.5	412	407	5	0.0000
Sterling Shaw Rd	50	24	24	48	29	29	7.5	439	434	5	0.0000
PARK-AND-RIDE LOTS - VIRGINIA PRINCE WILLIAM COUNTY											
Brittany	50	48	48	95	58	58	7.5	870	859	10	0.0000
Dale City	50	294	294	587	358	358	7.5	5,374	5,305	60	0.0001
Harbor Drive	50	100	100	200	122	122	7.5	1,831	1,808	21	0.0000
Lindendale	50	108	108	216	132	132	7.5	1,977	1,952	22	0.0000
Montclair	50	25	25	50	31	31	7.5	458	452	5	0.0000
PRTC Transit Center	50	93	93	185	113	113	7.5	1,694	1,672	19	0.0000
Tackett's Mill	50	85	85	169	103	103	7.5	1,547	1,527	17	0.0000
Triangle	50	15	15	29	18	18	7.5	265	262	3	0.0000
I-95 / Rt 123	50	282	282	563	344	344	7.5	5,154	5,089	58	0.0001
US 1 / VA 234	50	137	137	274	167	167	7.5	2,508	2,476	28	0.0000
MARC TRAIN COMMUTER LOTS					0	0		0			
College Park	25	431	144	574	525	175	7.5	5,255	5,188	59	0.0001

SEASON 2 (May-Sep)
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	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate					
	1.22		1.22		Wk Days = 107						
COMMUTER RAIL LOTS											
Frederick	0	0	0	0	0	0	7.5	0	0	0	0.0000
Greenbelt	60	1346	2018	3364	1642	2464	7.5	30,796	30,405	347	0.0004
Harpers Ferry		98	0	98	120	0	7.5	897	886	10	0.0000
Muirkirk	60	260	390	650	317	476	7.5	5,950	5,875	67	0.0001
Seabrook	0	264	0	264	322	0	4.5	1,450	1,432	16	0.0000
Silver Spring	0	0	0	0	0	0	4.5	0	0	0	0.0000
Union Station	0	781	0	781	953	0	7.5	7,150	7,059	80	0.0001
VIRGINIA RAILWAY EXPRESS COMMUTER LOTS											
Backlick Road	50	110	110	220	134	134	7.5	2,014	1,988	23	0.0000
Broad Run	50	198	198	396	242	242	7.5	3,625	3,579	41	0.0000
Brooke	50	150	150	300	183	183	7.5	2,746	2,711	31	0.0000
Burke Center	50	275	275	550	336	336	7.5	5,035	4,971	57	0.0001
Franconia/Springfield (oper	50	1900	1900	3800	2319	2319	7.5	34,787	34,345	392	0.0004
Leeland Road	50	326	326	652	398	398	7.5	5,969	5,893	67	0.0001
Lorton	50	100	100	200	122	122	7.5	1,831	1,808	21	0.0000
Manassas	50	187	187	374	228	228	7.5	3,424	3,380	39	0.0000
Manassas Park	50	150	150	300	183	183	7.5	2,746	2,711	31	0.0000
Quantico	50	109	109	217	132	132	7.5	1,987	1,961	22	0.0000
Rippon 50		150	150	300	183	183	7.5	2,746	2,711	31	0.0000
Rolling Road	50	185	185	370	226	226	7.5	3,387	3,344	38	0.0000
Woodbridge	50	294	294	588	359	359	7.5	5,383	5,314	61	0.0001
METRORAIL PARKING LOTS											
Anacostia	25	861	287	1148	1051	350	7.5	10,509	10,376	118	0.0001
Branch Avenue	50	1611	1611	3222	1966	1966	7.5	29,496	29,121	332	0.0004
Capitol Heights	50	194	194	387	236	236	7.5	3,543	3,498	40	0.0000
College Park	25	465	155	620	568	189	7.5	5,676	5,604	64	0.0001
Congress Heights	0	66	0	66	81	0	4.5	363	358	4	0.0000
Deanwood	0	194	0	194	237	0	7.5	1,776	1,753	20	0.0000
East Falls Church	50	221	221	442	270	270	7.5	4,046	3,995	46	0.0001
Forest Glen	50	329	329	658	402	402	7.5	6,024	5,947	68	0.0001
Franconia - Springfield	50	1987	1987	3973	2425	2425	4.5	21,823	21,545	246	0.0003
Glenmont	50	925	925	1850	1129	1129	4.5	10,162	10,032	114	0.0001
Greenbelt	50	1783	1783	3565	2176	2176	7.5	32,636	32,221	367	0.0004
Naylor Road	50	216	216	431	263	263	7.5	3,946	3,895	44	0.0000
Prince George's Plaza	25	927	309	1236	1131	377	7.5	11,315	11,171	127	0.0001
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	11,974	11,822	135	0.0001
Suitland	50	1033	1033	2065	1260	1260	4.5	11,342	11,198	128	0.0001
Van Dorn Street	50	204	204	407	248	248	4.5	2,236	2,207	25	0.0000
West Hyattsville	25	453	151	604	553	184	7.5	5,529	5,459	62	0.0001
Wheaton	25	759	253	1012	926	309	7.5	9,264	9,147	104	0.0001
				108,749				872,738		9,822.8607	0.0108
										Seasonal Total (tons/season) = 1.1586	

Bold figures: New numbers taken from P & R directory
 Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
Transit trips 2011	1096680
Transit trips 2000	863783
Annual growth rate	0.024511312
Growth factor (2002-2011)	1.220601807

SEASON 3 (Oct-Dec)
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	1.22										
COMMUTER RAIL LOTS											
Seasonal adj = 0.9282											
BRUNSWICK 25%	25	305	102	407	373	124	7.5	3,726	3,458	39	0.0000
PT OF ROCKS 25%	25	204	68	272	249	83	7.5	2,490	2,311	26	0.0000
DICKERSON	0	15	0	15	18	0	7.5	137	127	1	0.0000
BARNESVILLE	0	46	0	46	56	0	7.5	421	391	4	0.0000
GERMANTOWN	0	386	0	386	471	0	7.5	3,534	3,280	37	0.0000
MET GROVE	0	352	0	352	430	0	7.5	3,222	2,991	34	0.0000
WAS GROVE	0	15	0	15	18	0	7.5	137	127	1	0.0000
GARRETT PARK	0	22	0	22	27	0	7.5	201	187	2	0.0000
BOWIE 50%	50	188	188	375	229	229	7.5	3,433	3,186	36	0.0000
SEABROOK 15%	15	224	40	264	274	48	7.5	2,417	2,243	26	0.0000
KENSINGTON	0	45	0	45	55	0	7.5	412	382	4	0.0000
LAUREL 30%	30	209	90	299	255	109	7.5	2,737	2,541	29	0.0000
GAITHESBURG	0	280	0	280	342	0	7.5	2,563	2,379	27	0.0000
BERWYN HEIGHTS	0	30	0	30	37	0	4.5	165	153	2	0.0000
RIVERDALE	0	65	0	65	79	0	4.5	357	331	4	0.0000
METRO RAIL LOTS											
ADDISON ROAD 40%	40	791	527	1318	965	644	7.5	12,066	11,199	128	0.0001
ARCHIVES	0	12	0	12	15	0	4.5	66	61	1	0.0000
ARLING	0	10	0	10	12	0	4.5	55	51	1	0.0000
BALLSTON	0	1175	0	1175	1434	0	4.5	6,454	5,991	68	0.0001
BENN.RD	0	520	0	520	635	0	4.5	2,856	2,651	30	0.0000
BETH	0	395	0	395	482	0	4.5	2,170	2,014	23	0.0000
BRADD RD	0	10	0	10	12	0	4.5	55	51	1	0.0000
BROOKLAND	0	27	0	27	33	0	4.5	148	138	2	0.0000
CHEVERLY	0	557	0	557	680	0	4.5	3,059	2,840	32	0.0000
CLARENDON	0	554	0	554	676	0	4.5	3,043	2,824	32	0.0000
CLEVELAND PK	0	366	0	366	447	0	4.5	2,010	1,866	21	0.0000
COURT HOUSE	0	256	0	256	312	0	4.5	1,406	1,305	15	0.0000
CRYSTAL CITY	0	347	0	347	424	0	4.5	1,906	1,769	20	0.0000
DEANWOOD	0	194	0	194	237	0	4.5	1,066	989	11	0.0000
DUN LORING 10%	10	1220	136	1355	1489	165	4.5	7,443	6,908	79	0.0001
DUPONT CIRCLE	0	165	0	165	201	0	4.5	906	841	10	0.0000
EASTERN MKT	0	178	0	178	217	0	4.5	978	908	10	0.0000
EAST FALLS CH	0	442	0	442	540	0	4.5	2,428	2,253	26	0.0000
EIS	0	352	0	352	430	0	4.5	1,933	1,795	20	0.0000
FARRAGUT NORTH	0	102	0	102	125	0	4.5	560	520	6	0.0000
FARRAGUT WEST	0	221	0	221	270	0	4.5	1,214	1,127	13	0.0000
FEDERAL CENTER	0	75	0	75	92	0	4.5	412	382	4	0.0000
FEDERAL TRI	0	54	0	54	66	0	4.5	297	275	3	0.0000
FOGGY	0	102	0	102	125	0	4.5	560	520	6	0.0000
FORT TROTTEEN	0	445	0	445	543	0	4.5	2,444	2,269	26	0.0000
FRH.HEIGHTS	0	679	0	679	829	0	4.5	3,730	3,462	39	0.0000
GALLERY PLACE	0	124	0	124	151	0	4.5	681	632	7	0.0000
GROSVENOR	0	716	0	716	874	0	4.5	3,933	3,650	42	0.0000
HUNT NORTH 40%	40	1873	1249	3122	2286	1524	7.5	28,580	26,528	302	0.0003
JUD SQUARE	0	110	0	110	134	0	4.5	604	561	6	0.0000
KING ST	0	30	0	30	37	0	4.5	165	153	2	0.0000

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	OUTSIDE MSA (%)	INSIDE MSA	OUTSIDE MSA	Total	INSIDE Growth Rate	OUTSIDE Growth Rate					
COMMUTER RAIL LOTS					1.22	1.22		Seasonal adj = 0.9282			
LANDOVER 25%	25	1410	470	1880	1721	574	7.5	17,210	15,975	182	0.0002
L'ENFANT PLAZA	0	296	0	296	361	0	4.5	1,626	1,509	17	0.0000
MCPHERSON SQ	0	52	0	52	63	0	4.5	286	265	3	0.0000
MEDICAL CENTER	0	14	0	14	17	0	4.5	77	71	1	0.0000
METRO CENTER	0	177	0	177	216	0	4.5	972	902	10	0.0000
MINNES	0	353	0	353	431	0	4.5	1,939	1,800	21	0.0000
NAT AIR	0	87	0	87	106	0	4.5	478	444	5	0.0000
NEW CARROL 50%	50	1049	1049	2097	1280	1280	7.5	19,197	17,819	203	0.0002
PRNTAGON	0	561	0	561	685	0	4.5	3,081	2,860	33	0.0000
PENTAGON CITY	0	381	0	381	465	0	4.5	2,093	1,942	22	0.0000
POTOMAC AVE	0	533	0	533	651	0	4.5	2,928	2,717	31	0.0000
ROCKVILLE	0	667	0	667	814	0	4.5	3,684	3,401	39	0.0000
ROSSLYN	0	356	0	356	435	0	4.5	1,955	1,815	21	0.0000
SHADY GROVE 10%	10	3903	434	4337	4764	529	7.5	39,703	36,852	420	0.0005
SILVER SPRING	0	44	0	44	54	0	4.5	242	224	3	0.0000
SMITH MALL	0	120	0	120	146	0	4.5	659	612	7	0.0000
STADIUM ARM	0	976	0	976	1191	0	4.5	5,361	4,976	57	0.0001
TAKOMA PK	0	146	0	146	178	0	4.5	802	744	8	0.0000
TENLEYTON	0	17	0	17	21	0	4.5	93	87	1	0.0000
TWINBROOK	0	1136	0	1136	1387	0	4.5	6,240	5,792	66	0.0001
UNION STAT	0	378	0	378	461	0	4.5	2,076	1,927	22	0.0000
VAN NESS	0	343	0	343	419	0	4.5	1,884	1,749	20	0.0000
VIENNA 25%	25	2798	933	3731	3416	1139	7.5	34,155	31,703	361	0.0004
VA SQUARE	0	642	0	642	784	0	4.5	3,526	3,273	37	0.0000
WEST FALLS CHURCH	0	2183	0	2183	2665	0	4.5	11,991	11,130	127	0.0001
WHITE FLINT	0	1633	0	1633	1993	0	4.5	8,970	8,326	95	0.0001
WOODLEY	0	68	0	68	83	0	4.5	374	347	4	0.0000
RHODE ISLAND 30%	30	266	114	380	325	139	7.5	3,479	3,229	37	0.0000
BUS & CAR POOL LOTS											
CARTER BARRON	0	798	0	798	974	0	4.5	4,383	4,068	46	0.0001
PG PLAZA	0	47	0	47	57	0	4.5	258	240	3	0.0000
PENN MAR SHOPP.	0	100	0	100	122	0	4.5	549	510	6	0.0000
CAP PLAZA	0	100	0	100	122	0	4.5	549	510	6	0.0000
EASTOVER	0	100	0	100	122	0	4.5	549	510	6	0.0000
FOUR MILE RUN	0	28	0	28	34	0	4.5	154	143	2	0.0000
SPRINGFIELD MALL	0	580	0	580	708	0	4.5	3,186	2,957	34	0.0000
SPRINGFIELD METH CH	0	48	0	48	59	0	4.5	264	245	3	0.0000
FRED ARMORY	0	33	0	33	40	0	7.5	302	280	3	0.0000
MYERSVILLE	0	65	0	65	79	0	7.5	595	552	6	0.0000
ROSEMONT	0	45	0	45	55	0	7.5	412	382	4	0.0000
URBANA	0	193	0	193	236	0	7.5	1,767	1,640	19	0.0000
JEFFERSON	0	40	0	40	49	0	7.5	366	340	4	0.0000
NORBECK RD	0	248	0	248	303	0	7.5	2,270	2,107	24	0.0000
MONTROSE RD	0	650	0	650	793	0	7.5	5,950	5,523	63	0.0001
BRIGG CHENNY 50%	50	215	215	430	262	262	7.5	3,936	3,654	42	0.0000
COMUS ROAD	0	30	0	30	37	0	7.5	275	255	3	0.0000
LAKEFOREST MALL	0	300	0	300	366	0	7.5	2,746	2,549	29	0.0000

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COMMUTER RAIL LOTS								Seasonal adj = 0.9282			
BURTONSVILLE	0	500	0	500	610	0	7.5	4,577	4,249	48	0.0001
FORCEY MEM.	0	200	0	200	244	0	7.5	1,831	1,699	19	0.0000
TECH ROAD	0	155	0	155	189	0	7.5	1,419	1,317	15	0.0000
BELTWAY	0	265	0	265	323	0	7.5	2,426	2,252	26	0.0000
LAUREL VAN DUSEN	0	62	0	62	76	0	7.5	568	527	6	0.0000
ACCOKEEK	0	450	0	450	549	0	7.5	4,120	3,824	44	0.0000
ABC DRIVE IN	0	100	0	100	122	0	7.5	915	850	10	0.0000
BOWIE 20%	20	526	131	657	642	160	7.5	6,015	5,583	64	0.0001
CLINTON 50%	50	212	212	424	259	259	7.5	3,882	3,603	41	0.0000
OXON HILL 20%	20	519	130	649	634	158	7.5	5,941	5,515	63	0.0001
EQUESTRIAN CENTER 50%	50	150	150	300	183	183	7.5	2,746	2,549	29	0.0000
BOWIE MARKET PLACE	0	50	0	50	61	0	7.5	458	425	5	0.0000
FT. WASHINGTON	0	412	0	412	503	0	7.5	3,772	3,501	40	0.0000
MONTPELIER REC PARK	0	70	0	70	85	0	7.5	641	595	7	0.0000
RESTON	0	1547	0	1547	1888	0	7.5	14,162	13,145	150	0.0002
GREENBRIAR	0	55	0	55	67	0	7.5	503	467	5	0.0000
FAIR OAKS	0	150	0	150	183	0	7.5	1,373	1,275	15	0.0000
ROLLING VALLEY	0	628	0	628	767	0	7.5	5,749	5,336	61	0.0001
SPRINGFIELD PLAZA	0	230	0	230	281	0	7.5	2,106	1,954	22	0.0000
FAIRLANES BOWL	0	35	0	35	43	0	7.5	320	297	3	0.0000
NOTTOWAY PARK	0	14	0	14	17	0	7.5	128	119	1	0.0000
HORNER RD	0	2397	0	2397	2926	0	7.5	21,943	20,368	232	0.0003
LAKE RIDGE	0	555	0	555	677	0	7.5	5,081	4,716	54	0.0001
MINNIEVILLE RD 40%	40	336	224	560	410	273	7.5	5,127	4,758	54	0.0001
GORDON BLVD	0	156	0	156	190	0	7.5	1,428	1,326	15	0.0000
HILLENDALE	0	248	0	248	303	0	7.5	2,270	2,107	24	0.0000
POTOMAC MILLS	0	946	0	946	1155	0	7.5	8,660	8,038	92	0.0001
List of new lots to be added in Conformity Document list											
PARK-AND-RIDE LOTS - MARYLAND											
PARK-AND-RIDE LOTS - MARYLAND											
CHARLES COUNTY											
301 Park & Ride	25	287	96	383	351	117	7.5	3,506	3,254	37	0.0000
Charles County Government B	25	26	9	35	32	11	7.5	320	297	3	0.0000
Food Lion Shopping Center	25	38	13	50	46	15	7.5	458	425	5	0.0000
La Plata Armory	25	15	5	20	18	6	7.5	183	170	2	0.0000
Laurel Springs Regional Park	25	38	13	50	46	15	7.5	458	425	5	0.0000
Life Wesleyan Church	25	38	13	50	46	15	7.5	458	425	5	0.0000
Mattawoman-Beantown Rd	25	435	145	580	531	177	7.5	5,310	4,928	56	0.0001
Smallwood Village	25	75	25	100	92	31	7.5	915	850	10	0.0000
St. Charles Towne	25	263	88	350	320	107	7.5	3,204	2,974	34	0.0000
PARK-AND-RIDE LOTS - MARYLAND											
FREDERICK COUNTY											
Frederick (north)	25	123	41	164	150	50	7.5	1,501	1,394	16	0.0000
Frederick (south)	25	173	58	230	211	70	7.5	2,106	1,954	22	0.0000
Monacacy Marcst	25	600	200	800	732	244	7.5	7,324	6,798	77	0.0001
PARK-AND-RIDE LOTS - MARYLAND											
MONTGOMERY COUNTY											
Colesville	0	190	0	190	232	0	7.5	1,739	1,614	18	0.0000
Damascus	50	0	0	0	0	0	7.5	0	0	0	0.0000
Gaithersburg	50	259	259	517	316	316	7.5	4,733	4,393	50	0.0001
Gaithersburg	50	175	175	350	214	214	7.5	3,204	2,974	34	0.0000
Germantown Town	50	0	0	0	0	0	7.5	0	0	0	0.0000

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COMMUTER RAIL LOTS					1.22	1.22		Seasonal adj = 0.9282			
Greencastle	50	75	75	150	92	92	7.5	1,373	1,275	15	0.0000
Milestone Shopping	50	88	88	175	107	107	7.5	1,602	1,487	17	0.0000
PARK-AND-RIDE LOTS - MAYLAND PRINCE GEORGE'S COUNTY											
Hampton Mall	0	100	0	100	122	0	4.5	549	510	6	0.0000
Laurel (south)	25	513	171	684	626	209	7.5	6,262	5,812	66	0.0001
PARK-AND-RIDE LOTS - VIRGINIA ARLINGTON COUNTY					0	0		0	0	0	0.0000
Ballston Public Parking Garage	25	375	125	500	458	153	7.5	4,577	4,249	48	0.0001
Washington-Lee	50	178	178	356	217	217	7.5	3,259	3,025	34	0.0000
PARK-AND-RIDE LOTS - VIRGINIA FAIRFAX COUNTY											
American Legion	50	50	50	100	61	61	7.5	915	850	10	0.0000
Canterbury Woods Pk	50	17	17	34	21	21	7.5	311	289	3	0.0000
Centreville	50	185	185	370	226	226	7.5	3,387	3,144	36	0.0000
Centreville United Methodist C	50	74	74	147	90	90	7.5	1,346	1,249	14	0.0000
Fairfax County Government Ce	50	85	85	170	104	104	7.5	1,556	1,445	16	0.0000
Greenbriar Park	50	28	28	55	34	34	7.5	503	467	5	0.0000
Herndon-Monroe	50	873	873	1,745	1065	1065	7.5	15,975	14,828	169	0.0002
Michael's	50	100	100	200	122	122	7.5	1,831	1,699	19	0.0000
Parkwood Baptist	50	9	9	18	11	11	7.5	165	153	2	0.0000
South Run District Pk	50	170	170	340	208	208	7.5	3,113	2,889	33	0.0000
St Paul Chung Catholic Church	50	50	50	100	61	61	7.5	915	850	10	0.0000
Stringfellow Rd	50	181	181	361	220	220	7.5	3,305	3,067	35	0.0000
Sully Station	50	70	70	140	85	85	7.5	1,282	1,190	14	0.0000
Sydenstricker Rd	50	84	84	167	102	102	7.5	1,529	1,419	16	0.0000
Wakefield Chapel Pk	50	25	25	50	31	31	7.5	458	425	5	0.0000
PARK-AND-RIDE LOTS - VIRGINIA LOUDOUN COUNTY											
Ashburn Farm	50	10	10	20	12	12	7.5	183	170	2	0.0000
Ashburn Village	50	20	20	40	24	24	7.5	366	340	4	0.0000
Cascades	50	28	28	55	34	34	7.5	503	467	5	0.0000
Dulles North Transit	50	375	375	750	458	458	7.5	6,866	6,373	73	0.0001
Hamilton	50	25	25	50	31	31	7.5	458	425	5	0.0000
Innovation Avenue	50	38	38	75	46	46	7.5	687	637	7	0.0000
Leesburg	50	25	25	50	31	31	7.5	458	425	5	0.0000
Leesburg Kohls	50	600	600	1200	732	732	7.5	10,985	10,197	116	0.0001
Purcellville	50	18	18	35	21	21	7.5	320	297	3	0.0000
Sterling Park SC	50	23	23	45	27	27	7.5	412	382	4	0.0000
Sterling Shaw Rd	50	24	24	48	29	29	7.5	439	408	5	0.0000
PARK-AND-RIDE LOTS - VIRGINIA PRINCE WILLIAM COUNTY											
Brittany	50	48	48	95	58	58	7.5	870	807	9	0.0000
Dale City	50	294	294	587	358	358	7.5	5,374	4,988	57	0.0001
Harbor Drive	50	100	100	200	122	122	7.5	1,831	1,699	19	0.0000
Lindendale	50	108	108	216	132	132	7.5	1,977	1,835	21	0.0000
Montclair	50	25	25	50	31	31	7.5	458	425	5	0.0000
PRTC Transit Center	50	93	93	185	113	113	7.5	1,694	1,572	18	0.0000
Tackett's Mill	50	85	85	169	103	103	7.5	1,547	1,436	16	0.0000
Triangle	50	15	15	29	18	18	7.5	265	246	3	0.0000
I-95 / Rt 123	50	282	282	563	344	344	7.5	5,154	4,784	55	0.0001
US 1 / VA 234	50	137	137	274	167	167	7.5	2,508	2,328	27	0.0000
MARC TRAIN COMMUTER LOTS					0	0		0			
College Park	25	431	144	574	525	175	7.5	5,255	4,877	56	0.0001

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					1.22	1.22					
COMMUTER RAIL LOTS											
								Wk Days = 61	0.0114		
								Seasonal adj = 0.9282			
Frederick	0	0	0	0	0	0	7.5	0	0	0	0.0000
Greenbelt	60	1346	2018	3364	1642	2464	7.5	30,796	28,585	326	0.0004
Harpers Ferry		98	0	98	120	0	7.5	897	833	9	0.0000
Muirkirk	60	260	390	650	317	476	7.5	5,950	5,523	63	0.0001
Seabrook	0	264	0	264	322	0	4.5	1,450	1,346	15	0.0000
Silver Spring	0	0	0	0	0	0	4.5	0	0	0	0.0000
Union Station	0	781	0	781	953	0	7.5	7,150	6,636	76	0.0001
VIRGINIA RAILWAY EXPRESS COMMUTER LOTS											
Backlick Road	50	110	110	220	134	134	7.5	2,014	1,869	21	0.0000
Broad Run	50	198	198	396	242	242	7.5	3,625	3,365	38	0.0000
Brooke	50	150	150	300	183	183	7.5	2,746	2,549	29	0.0000
Burke Center	50	275	275	550	336	336	7.5	5,035	4,673	53	0.0001
Franconia/Springfield (operate	50	1900	1900	3800	2319	2319	7.5	34,787	32,289	368	0.0004
Leeland Road	50	326	326	652	398	398	7.5	5,969	5,540	63	0.0001
Lorton	50	100	100	200	122	122	7.5	1,831	1,699	19	0.0000
Manassas	50	187	187	374	228	228	7.5	3,424	3,178	36	0.0000
Manassas Park	50	150	150	300	183	183	7.5	2,746	2,549	29	0.0000
Quantico	50	109	109	217	132	132	7.5	1,987	1,844	21	0.0000
Rippon 50		150	150	300	183	183	7.5	2,746	2,549	29	0.0000
Rolling Road	50	185	185	370	226	226	7.5	3,387	3,144	36	0.0000
Woodbridge	50	294	294	588	359	359	7.5	5,383	4,996	57	0.0001
METRORAIL PARKING LOTS											
Anacostia	25	861	287	1148	1051	350	7.5	10,509	9,755	111	0.0001
Branch Avenue	50	1611	1611	3222	1966	1966	7.5	29,496	27,378	312	0.0003
Capitol Heights	50	194	194	387	236	236	7.5	3,543	3,288	37	0.0000
College Park	25	465	155	620	568	189	7.5	5,676	5,268	60	0.0001
Congress Heights	0	66	0	66	81	0	4.5	363	336	4	0.0000
Deanwood	0	194	0	194	237	0	7.5	1,776	1,648	19	0.0000
East Falls Church	50	221	221	442	270	270	7.5	4,046	3,756	43	0.0000
Forest Glen	50	329	329	658	402	402	7.5	6,024	5,591	64	0.0001
Franconia - Springfield	50	1987	1987	3973	2425	2425	4.5	21,823	20,256	231	0.0003
Glenmont	50	925	925	1850	1129	1129	4.5	10,162	9,432	108	0.0001
Greenbelt	50	1783	1783	3565	2176	2176	7.5	32,636	30,293	345	0.0004
Naylor Road	50	216	216	431	263	263	7.5	3,946	3,662	42	0.0000
Prince George's Plaza	25	927	309	1236	1131	377	7.5	11,315	10,503	120	0.0001
Southern Avenue	50	1090	1090	2180	1330	1330	4.5	11,974	11,114	127	0.0001
Suitland	50	1033	1033	2065	1260	1260	4.5	11,342	10,528	120	0.0001
Van Dorn Street	50	204	204	407	248	248	4.5	2,236	2,075	24	0.0000
West Hyattsville	25	453	151	604	553	184	7.5	5,529	5,132	59	0.0001
Wheaton	25	759	253	1012	926	309	7.5	9,264	8,599	98	0.0001
				108,749				872,738		9,234.8621	0.0102
										Seasonal Total (tons/season) =	0.6210

Bold figures: New numbers taken from P & R directory
 Figures in bracket: Carry forward figures from conformity doc.

Park lot Growth Rate	
Transit trips 2011	1096680
Transit trips 2000	863783
Annual growth rate	0.024511312
Growth factor (2002-2011)	1.220601807