

**APPENDIX C**  
**COUNTS**



# National Data & Surveying Services Intersection Turning Movement Count

Location: Livingston St & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Livingston St			Livingston St			Randolph Rd			Randolph Rd			TOTAL
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	0	1	0	0	1	0	1	3	0	1	3	0	
AM	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
6:30 AM	2	0	9	2	1	1	3	104	1	8	242	2	375
6:45 AM	2	0	10	5	0	2	2	119	1	13	292	2	448
7:00 AM	2	1	6	3	4	6	2	151	0	23	337	1	536
7:15 AM	3	0	15	5	5	7	4	201	0	19	381	2	642
7:30 AM	4	0	15	6	5	6	4	253	1	26	384	3	707
7:45 AM	0	2	5	4	3	4	2	226	4	31	312	0	593
8:00 AM	0	1	7	2	8	1	2	212	2	35	327	0	597
8:15 AM	2	2	11	3	5	3	1	207	1	29	353	3	620
8:30 AM	7	0	12	5	1	1	4	181	0	33	363	4	611
8:45 AM	5	1	14	4	1	2	0	197	4	18	338	3	587
9:00 AM	1	1	10	0	0	1	5	192	1	10	246	3	470
9:15 AM	2	0	8	5	1	2	2	167	1	10	261	2	461
<b>TOTAL VOLUMES :</b>	30	8	122	44	34	36	31	2210	16	255	3836	25	6647
<b>APPROACH %'s :</b>	18.75%	5.00%	76.25%	38.60%	29.82%	31.58%	1.37%	97.92%	0.71%	6.20%	93.20%	0.61%	
<b>PEAK HR :</b>	<b>07:15 AM - 08:15 AM</b>												
<b>PEAK HR VOL :</b>	7	3	42	17	21	18	12	892	7	111	1404	5	2539
<b>PEAK HR FACTOR :</b>	0.438	0.375	0.700	0.708	0.656	0.643	0.750	0.881	0.438	0.793	0.914	0.417	0.898
		0.684			0.824			0.883			0.920		

NS/EW Streets:	Livingston St			Livingston St			Randolph Rd			Randolph Rd			TOTAL
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	0	1	0	0	1	0	1	3	0	1	3	0	
PM	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
4:00 PM	7	1	10	1	3	2	4	355	3	28	238	2	654
4:15 PM	1	3	14	3	2	2	3	342	5	16	188	4	583
4:30 PM	3	0	9	0	1	2	9	358	3	20	238	1	644
4:45 PM	3	2	5	2	4	0	6	372	2	23	225	5	649
5:00 PM	2	0	10	1	4	5	9	398	1	12	211	4	657
5:15 PM	6	1	13	1	3	1	5	351	1	24	227	2	635
5:30 PM	1	1	11	3	0	2	7	377	4	22	211	4	643
5:45 PM	1	1	9	2	2	1	4	372	1	21	205	3	622
6:00 PM	2	1	9	2	1	2	8	384	1	19	215	1	645
6:15 PM	3	2	5	1	2	2	7	333	9	18	197	2	581
6:30 PM	3	1	10	3	2	0	8	323	4	14	172	3	543
6:45 PM	3	1	10	2	4	1	6	254	4	26	142	1	454
<b>TOTAL VOLUMES :</b>	35	14	115	21	28	20	76	4219	38	243	2469	32	7310
<b>APPROACH %'s :</b>	21.34%	8.54%	70.12%	30.43%	40.58%	28.99%	1.75%	97.37%	0.88%	8.86%	89.98%	1.17%	
<b>PEAK HR :</b>	<b>04:30 PM - 05:30 PM</b>												
<b>PEAK HR VOL :</b>	14	3	37	4	12	8	29	1479	7	79	901	12	2585
<b>PEAK HR FACTOR :</b>	0.583	0.375	0.712	0.500	0.750	0.400	0.806	0.929	0.583	0.823	0.946	0.600	0.984
		0.675			0.600			0.928			0.958		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Livingston St & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Livingston St			Livingston St			Randolph Rd			Randolph Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	1 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>
<b>APPROACH %'s :</b>													0
<b>PEAK HR :</b>	07:15 AM - 08:15 AM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	1 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	0	0	1	0	0	<b>TOTAL</b>
<b>APPROACH %'s :</b>										100.00%	0.00%	0.00%	1
<b>PEAK HR :</b>	04:30 PM - 05:30 PM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	1	0	0	1
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.250

# National Data & Surveying Services **Intersection Turning** Movement Count

Location: Livingston St & Randolph Rd  
City: Silver Spring

Project ID: 22-280035-001  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Livingston St		Livingston St		Randolph Rd		Randolph Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	0	0	1	1	0	0	0	0	2
6:45 AM	0	0	0	0	2	0	2	0	4
7:00 AM	0	0	0	1	1	1	1	0	4
7:15 AM	1	0	0	1	1	0	1	0	4
7:30 AM	1	1	0	0	1	1	1	0	5
7:45 AM	1	1	0	0	3	0	0	0	5
8:00 AM	0	0	0	0	0	0	1	0	1
8:15 AM	0	1	0	0	1	0	2	1	5
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	1	0	0	0	1
9:15 AM	0	0	1	0	1	0	0	0	2
<b>TOTAL VOLUMES :</b>	3	3	2	3	11	2	8	1	<b>33</b>
<b>APPROACH %'s :</b>	50.00%	50.00%	40.00%	60.00%	84.62%	15.38%	88.89%	11.11%	
<b>PEAK HR :</b>	07:15 AM - 08:15 AM								<b>TOTAL</b>
<b>PEAK HR VOL :</b>	3	2	0	1	5	1	3	0	<b>15</b>
<b>PEAK HR FACTOR :</b>	0.750	0.500	0.250		0.417	0.250	0.750	0.750	0.750
	0.625		0.250		0.500		0.750		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	0	1	0	0	1	0	0	0	2
4:15 PM	0	0	0	0	0	1	2	0	3
4:30 PM	0	0	0	0	0	0	1	1	2
4:45 PM	0	1	0	0	0	0	0	0	1
5:00 PM	2	3	1	1	1	5	2	6	21
5:15 PM	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	1	0	1	2
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	1	1	0	1	2	0	5
6:15 PM	0	0	0	1	0	2	0	2	5
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	1	0	2	0	3
<b>TOTAL VOLUMES :</b>	2	5	2	3	3	10	10	10	<b>45</b>
<b>APPROACH %'s :</b>	28.57%	71.43%	40.00%	60.00%	23.08%	76.92%	50.00%	50.00%	
<b>PEAK HR :</b>	04:30 PM - 05:30 PM								<b>TOTAL</b>
<b>PEAK HR VOL :</b>	2	4	1	1	1	5	4	7	<b>25</b>
<b>PEAK HR FACTOR :</b>	0.250	0.333	0.250	0.250	0.250	0.250	0.500	0.292	0.298
	0.300		0.250		0.250		0.344		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Georgia Ave			Georgia Ave			Randolph Rd			Randolph Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	2 NL	3 NT	1 NR	2 SL	3 ST	1 SR	1.5 EL	0.5 ET	1 ER	2.5 WL	0.5 WT	1 WR	
6:30 AM	15	90	20	8	234	20	29	5	18	84	8	15	546
6:45 AM	25	90	26	18	289	28	29	6	35	98	4	18	666
7:00 AM	33	128	21	9	369	25	21	11	26	171	12	17	843
7:15 AM	52	153	52	19	411	36	47	23	38	128	12	27	998
7:30 AM	51	187	44	15	410	29	43	7	62	149	14	36	1047
7:45 AM	39	215	47	11	380	23	44	12	58	185	12	33	1059
8:00 AM	29	207	43	18	396	30	40	14	59	207	9	34	1086
8:15 AM	33	177	44	11	392	30	47	5	32	192	16	28	1007
8:30 AM	30	164	44	9	349	39	50	14	31	135	14	25	904
8:45 AM	26	152	42	13	342	54	39	6	30	154	13	43	914
9:00 AM	18	136	54	13	310	27	41	11	29	122	16	27	804
9:15 AM	28	151	50	23	286	28	34	10	40	103	13	24	790
<b>TOTAL VOLUMES :</b>	379	1850	487	167	4168	369	464	124	458	1728	143	327	10664
<b>APPROACH %'s :</b>	13.95%	68.11%	17.93%	3.55%	88.61%	7.84%	44.36%	11.85%	43.79%	78.62%	6.51%	14.88%	
<b>PEAK HR :</b>	07:30 AM - 08:30 AM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	152	786	178	55	1578	112	174	38	211	733	51	131	4199
<b>PEAK HR FACTOR :</b>	0.745	0.914	0.947	0.764	0.962	0.933	0.926	0.679	0.851	0.885	0.797	0.910	0.967
		0.927			0.961			0.928			0.915		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	2 NL	3 NT	1 NR	2 SL	3 ST	1 SR	1.5 EL	0.5 ET	1 ER	2.5 WL	0.5 WT	1 WR	
4:00 PM	39	335	64	21	244	27	63	9	35	84	22	17	960
4:15 PM	32	371	103	19	225	34	56	20	39	71	10	17	997
4:30 PM	52	321	86	16	232	27	52	11	41	83	7	34	962
4:45 PM	50	371	89	20	280	37	60	11	35	95	17	35	1100
5:00 PM	38	318	104	22	223	41	83	14	35	86	10	33	1007
5:15 PM	37	363	71	26	232	42	67	13	44	93	13	29	1030
5:30 PM	34	371	85	22	259	30	60	10	31	73	19	27	1021
5:45 PM	28	384	79	16	264	28	80	8	42	97	14	25	1065
6:00 PM	39	338	74	18	251	41	75	15	29	93	9	21	1003
6:15 PM	35	332	83	21	249	25	54	12	21	75	20	22	949
6:30 PM	28	317	55	23	212	29	77	8	29	88	11	25	902
6:45 PM	29	324	71	17	239	31	70	10	47	69	10	28	945
<b>TOTAL VOLUMES :</b>	441	4145	964	241	2910	392	797	141	428	1007	162	313	11941
<b>APPROACH %'s :</b>	7.95%	74.68%	17.37%	6.80%	82.13%	11.06%	58.35%	10.32%	31.33%	67.95%	10.93%	21.12%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	159	1423	349	90	994	150	270	48	145	347	59	124	4158
<b>PEAK HR FACTOR :</b>	0.795	0.959	0.839	0.865	0.888	0.893	0.813	0.857	0.824	0.913	0.776	0.886	0.945
		0.947			0.915			0.877			0.901		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Georgia Ave			Georgia Ave			Randolph Rd			Randolph Rd				
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	2 NL	3 NT	1 NR	2 SL	3 ST	1 SR	1.5 EL	0.5 ET	1 ER	2.5 WL	0.5 WT	1 WR		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	1	
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	0	0	1	0	0	0	0	0	0	0	0	<b>TOTAL</b>	1
<b>APPROACH %'s :</b>				100.00%	0.00%	0.00%								
<b>PEAK HR :</b>	07:30 AM - 08:30 AM												<b>TOTAL</b>	
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	2 NL	3 NT	1 NR	2 SL	3 ST	1 SR	1.5 EL	0.5 ET	1 ER	2.5 WL	0.5 WT	1 WR		
4:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	2	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	1	0	0	0	0	1	0	0	2	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1	
5:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	1	
6:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1	
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	1	
<b>TOTAL VOLUMES :</b>	0	3	0	0	2	0	1	0	0	2	0	0	<b>TOTAL</b>	8
<b>APPROACH %'s :</b>	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%		
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												<b>TOTAL</b>	
<b>PEAK HR VOL :</b>	0	1	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	1
<b>PEAK HR FACTOR :</b>	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.250

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Randolph Rd  
City: Silver Spring

Project ID: 22-280035-002  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Georgia Ave		Georgia Ave		Randolph Rd		Randolph Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	0	0	0	0	5	1	1	0	7
6:45 AM	1	3	0	0	7	2	0	0	13
7:00 AM	1	2	0	0	3	1	0	0	7
7:15 AM	0	4	1	0	10	2	2	1	20
7:30 AM	3	1	0	0	3	1	2	0	10
7:45 AM	0	3	1	0	6	5	1	0	16
8:00 AM	1	1	1	0	2	4	2	1	12
8:15 AM	0	3	0	0	3	2	0	2	10
8:30 AM	0	0	1	2	3	2	2	2	12
8:45 AM	0	2	0	0	4	3	0	2	11
9:00 AM	0	0	0	0	1	4	1	0	6
9:15 AM	0	3	0	1	4	2	0	1	11
<b>TOTAL VOLUMES :</b>	6	22	4	3	51	29	11	9	135
<b>APPROACH %'s :</b>	21.43%	78.57%	57.14%	42.86%	63.75%	36.25%	55.00%	45.00%	
<b>PEAK HR :</b>	07:30 AM - 08:30 AM								<b>TOTAL</b>
<b>PEAK HR VOL :</b>	4	8	2	0	14	12	5	3	48
<b>PEAK HR FACTOR :</b>	0.333	0.667	0.500		0.583	0.600	0.625	0.375	0.750
	0.750		0.500		0.591		0.667		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	0	3	1	0	12	8	0	0	24
4:15 PM	0	1	2	0	1	3	3	3	13
4:30 PM	0	1	0	1	12	13	3	1	31
4:45 PM	2	3	0	1	3	10	0	1	20
5:00 PM	1	0	2	2	1	13	4	2	25
5:15 PM	0	0	0	0	3	3	1	1	8
5:30 PM	0	3	1	0	1	4	1	2	12
5:45 PM	0	0	0	0	3	4	0	0	7
6:00 PM	2	0	0	1	8	11	2	0	24
6:15 PM	1	1	1	2	1	2	0	0	8
6:30 PM	0	0	0	1	1	4	0	2	8
6:45 PM	0	2	0	0	7	8	2	2	21
<b>TOTAL VOLUMES :</b>	6	14	7	8	53	83	16	14	201
<b>APPROACH %'s :</b>	30.00%	70.00%	46.67%	53.33%	38.97%	61.03%	53.33%	46.67%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM								<b>TOTAL</b>
<b>PEAK HR VOL :</b>	3	6	3	3	8	30	6	6	65
<b>PEAK HR FACTOR :</b>	0.375	0.500	0.375	0.375	0.667	0.577	0.375	0.750	0.650
	0.450		0.375		0.679		0.500		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenmont Cir & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Glenmont Cir				Glenmont Cir				Randolph Rd			Randolph Rd				EASTBOUND2		
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND			WESTBOUND						TOTAL
	0.5 NL	0.5 NT	1 NR	0 NL2	0 SL	2 ST	0 SR	0 SR2	0 EL	1 ET	0 ER	1 WL	4 WT	0 WR	0 WT2	E2L2	E2T2	
6:30 AM	11	0	4	8	8	0	2	0	0	32	0	3	84	2	213	2	60	429
6:45 AM	8	1	3	2	8	0	1	0	0	43	0	3	115	6	226	1	95	512
7:00 AM	7	4	4	5	5	3	2	1	0	35	0	1	186	5	288	0	94	640
7:15 AM	8	2	2	10	11	5	9	2	0	84	0	4	152	9	279	3	148	728
7:30 AM	13	1	7	7	11	1	9	2	0	59	0	6	178	4	296	5	149	748
7:45 AM	9	1	5	3	9	2	6	0	0	61	1	2	210	11	264	5	156	745
8:00 AM	7	6	3	3	7	1	14	1	0	66	0	5	234	7	283	5	146	788
8:15 AM	7	1	2	7	15	3	13	1	0	53	0	6	211	8	303	3	132	765
8:30 AM	10	7	10	1	18	0	8	1	0	60	0	11	159	11	312	3	120	731
8:45 AM	6	4	1	3	19	5	13	1	0	55	0	15	179	10	271	3	150	735
9:00 AM	9	2	4	2	16	2	18	1	0	66	0	13	147	12	206	7	135	640
9:15 AM	9	1	1	3	20	3	13	2	0	78	0	3	113	7	193	4	118	568
<b>TOTAL VOLUMES :</b>	NL 104	NT 30	NR 46	NL2 54	SL 147	ST 25	SR 108	SR2 12	EL 0	ET 692	ER 1	WL 72	WT 1968	WR 92	WT2 3134	E2L2 41	E2T2 1503	TOTAL 8029
<b>APPROACH %'s :</b>	44.44%	12.82%	19.66%	23.08%	50.34%	8.56%	36.99%	4.11%	0.00%	99.86%	0.14%	1.37%	37.37%	1.75%	59.51%	2.66%	97.34%	
<b>PEAK HR :</b>	07:30 AM - 08:30 AM																	TOTAL
<b>PEAK HR VOL :</b>	36	9	17	20	42	7	42	4	0	239	1	19	833	30	1146	18	583	3046
<b>PEAK HR FACTOR :</b>	0.692	0.375	0.607	0.714	0.700	0.583	0.750	0.500	0.000	0.905	0.250	0.792	0.890	0.682	0.946	0.900	0.934	0.966
	0.732				0.742				0.909			0.958						

  

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND			WESTBOUND						TOTAL
	0.5 NL	0.5 NT	1 NR	0 NL2	0 SL	2 ST	0 SR	0 SR2	0 EL	1 ET	0 ER	1 WL	4 WT	0 WR	0 WT2	E2L2	E2T2	
4:00 PM	7	3	2	1	20	2	21	2	0	88	1	9	90	29	181	3	281	740
4:15 PM	8	6	6	4	24	6	21	6	0	112	0	7	70	12	128	10	254	674
4:30 PM	9	6	4	1	12	0	11	4	0	98	1	6	98	23	168	5	262	708
4:45 PM	13	4	4	1	20	6	19	7	0	104	0	6	121	18	164	8	249	744
5:00 PM	10	2	5	4	19	7	15	3	0	107	3	9	95	17	127	14	294	731
5:15 PM	12	5	2	4	23	4	23	7	0	107	0	9	97	21	167	4	275	760
5:30 PM	14	8	1	2	15	9	23	3	0	103	1	7	90	19	150	8	268	721
5:45 PM	9	11	3	5	22	1	26	3	0	82	0	9	96	22	164	7	274	734
6:00 PM	9	5	2	5	19	6	16	4	0	95	1	7	93	21	139	9	281	712
6:15 PM	10	6	3	5	27	7	22	5	0	102	0	4	87	14	138	8	261	699
6:30 PM	10	6	1	10	15	2	19	2	0	75	0	11	90	16	110	5	214	586
6:45 PM	12	4	4	3	17	4	17	10	0	87	0	5	76	15	104	11	166	535
<b>TOTAL VOLUMES :</b>	NL 123	NT 66	NR 37	NL2 45	SL 233	ST 54	SR 233	SR2 56	EL 0	ET 1160	ER 7	WL 89	WT 1103	WR 227	WT2 1740	E2L2 92	E2T2 3079	TOTAL 8344
<b>APPROACH %'s :</b>	45.39%	24.35%	13.65%	16.61%	40.45%	9.38%	40.45%	9.72%	0.00%	99.40%	0.60%	2.82%	34.92%	7.19%	55.08%	2.90%	97.10%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM																	TOTAL
<b>PEAK HR VOL :</b>	49	19	12	11	77	26	80	20	0	421	4	31	403	75	608	34	1086	2956
<b>PEAK HR FACTOR :</b>	0.875	0.594	0.600	0.688	0.837	0.722	0.870	0.714	0.000	0.984	0.333	0.861	0.833	0.893	0.910	0.607	0.923	0.972
	0.910				0.890				0.966			0.904						



# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenmont Cir & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Glenmont Cir				Glenmont Cir				Randolph Rd			Randolph Rd						
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND			WESTBOUND				EASTBOUND2		TOTAL
	0.5 NL	0.5 NT	1 NR	0 NL2	0 SL	2 ST	0 SR	0 SR2	0 EL	1 ET	0 ER	1 WL	4 WT	0 WR	0 WT2	0 E2L2	0 E2T2	
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	NL	NT	NR	NL2	SL	ST	SR	SR2	EL	ET	ER	WL	WT	WR	WT2	E2L2	E2T2	TOTAL
<b>APPROACH %'s :</b>	0	0	0	0	0	0	0	0	0.00%	100.00%	0.00%	0	0	0	0	0	0	1
<b>PEAK HR :</b>	07:30 AM - 08:30 AM																	
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0

  

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND			WESTBOUND				EASTBOUND2		TOTAL
	0.5 NL	0.5 NT	1 NR	0 NL2	0 SL	2 ST	0 SR	0 SR2	0 EL	1 ET	0 ER	1 WL	4 WT	0 WR	0 WT2	0 E2L2	0 E2T2	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
6:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:45 PM	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	3
<b>TOTAL VOLUMES :</b>	NL	NT	NR	NL2	SL	ST	SR	SR2	EL	ET	ER	WL	WT	WR	WT2	E2L2	E2T2	TOTAL
<b>APPROACH %'s :</b>	0	2	0	0	1	1	1	0	0	1	0	0	1	0	0	0	0	7
<b>PEAK HR :</b>	04:45 PM - 05:45 PM																	
<b>PEAK HR VOL :</b>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenmont Cir & Randolph Rd  
City: Silver Spring

Project ID: 22-280035-003  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Glenmont Cir		Glenmont Cir		Randolph Rd		Randolph Rd					
<b>AM</b>	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		WEST LEG 2		TOTAL	
	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB		
	6:30 AM	0	1	0	0	6	0	0	0	0	0	7
	6:45 AM	2	2	1	0	6	0	0	0	0	0	11
	7:00 AM	1	2	1	0	3	1	0	0	0	0	8
	7:15 AM	1	0	0	3	6	1	0	0	0	0	11
	7:30 AM	1	0	2	0	5	0	0	0	0	0	8
	7:45 AM	1	0	0	0	0	0	0	0	0	0	1
	8:00 AM	2	0	3	0	1	0	0	0	0	0	6
	8:15 AM	0	1	0	1	4	2	0	0	0	0	8
	8:30 AM	0	1	1	0	0	0	0	0	0	0	2
	8:45 AM	2	3	0	2	2	2	0	0	0	0	11
	9:00 AM	0	1	1	0	4	2	0	0	0	0	8
	9:15 AM	0	0	1	1	2	0	0	1	0	1	6
	<b>TOTAL VOLUMES :</b>	10	11	10	7	39	8	0	1	0	1	<b>TOTAL</b>
	<b>APPROACH %'s :</b>	47.62%	52.38%	58.82%	41.18%	82.98%	17.02%	0.00%	100.00%	0.00%	100.00%	
	<b>PEAK HR :</b>	07:30 AM - 08:30 AM										<b>TOTAL</b>
<b>PEAK HR VOL :</b>	4	1	5	1	10	2	0	0	0	0	<b>23</b>	
<b>PEAK HR FACTOR :</b>	0.500	0.250	0.417	0.250	0.500	0.250					<b>0.719</b>	
	0.625		0.500		0.500							
<b>PM</b>	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		WEST LEG 2		TOTAL	
	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB		
	4:00 PM	0	2	0	1	3	1	0	0	0	0	7
	4:15 PM	0	0	1	2	3	3	0	0	0	0	9
	4:30 PM	1	0	0	1	1	4	0	0	0	0	7
	4:45 PM	3	0	0	4	11	3	0	0	0	0	21
	5:00 PM	2	0	1	0	6	5	0	0	0	0	14
	5:15 PM	2	0	2	0	3	7	0	1	0	1	16
	5:30 PM	2	0	1	1	3	6	0	0	0	0	13
	5:45 PM	0	1	0	0	3	2	0	0	0	0	6
	6:00 PM	4	0	0	0	2	4	0	0	0	0	10
	6:15 PM	0	2	0	1	1	4	0	0	0	0	8
	6:30 PM	1	0	0	0	3	2	0	0	0	0	6
	6:45 PM	4	0	0	0	0	3	0	0	0	0	7
	<b>TOTAL VOLUMES :</b>	19	5	5	10	39	44	0	1	0	1	<b>TOTAL</b>
	<b>APPROACH %'s :</b>	79.17%	20.83%	33.33%	66.67%	46.99%	53.01%	0.00%	100.00%	0.00%	100.00%	
	<b>PEAK HR :</b>	04:45 PM - 05:45 PM										<b>TOTAL</b>
<b>PEAK HR VOL :</b>	9	0	4	5	23	21	0	1	0	1	<b>64</b>	
<b>PEAK HR FACTOR :</b>	0.750		0.500	0.313	0.523	0.750		0.250		0.250	<b>0.762</b>	
	0.750		0.563		0.786		0.250		0.250			

# National Data & Surveying Services Intersection Turning Movement Count

Location: Residential Dwy/Universal Hardwood & Painting Dwy & Randolph Rd  
 City: Silver Spring  
 Control: 1-Way Stop(NB)

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Residential Dwy/Universal Hardwood & Painting Dwy			Residential Dwy/Universal Hardwood & Painting Dwy			Randolph Rd			Randolph Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	0 ST	0 SR	0 EL	3 ET	0 ER	0 WL	4 WT	0 WR	
6:30 AM	0	0	9	0	0	0	0	102	1	0	0	0	112
6:45 AM	0	0	6	0	0	0	0	150	1	0	0	0	157
7:00 AM	0	0	8	0	0	0	0	132	0	0	0	0	140
7:15 AM	0	0	10	0	0	0	0	248	0	0	0	0	258
7:30 AM	0	0	11	0	0	0	0	227	2	0	0	0	240
7:45 AM	0	0	4	0	0	0	0	227	0	0	0	0	231
8:00 AM	0	0	7	0	0	0	0	226	0	0	0	0	233
8:15 AM	0	0	5	0	0	0	0	196	1	0	0	0	202
8:30 AM	0	0	20	0	0	0	0	213	1	0	0	0	234
8:45 AM	0	0	8	0	0	0	0	222	1	0	0	0	231
9:00 AM	0	0	2	0	0	0	0	220	0	0	0	0	222
9:15 AM	0	0	3	0	0	0	0	219	0	0	0	0	222
<b>TOTAL VOLUMES :</b>	0	0	93	0	0	0	0	2382	7	0	0	0	2482
<b>APPROACH %'s :</b>	0.00%	0.00%	100.00%				0.00%	99.71%	0.29%				
<b>PEAK HR :</b>	07:15 AM - 08:15 AM												TOTAL
<b>PEAK HR VOL :</b>	0	0	32	0	0	0	0	928	2	0	0	0	962
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.727	0.000	0.000	0.000	0.000	0.935	0.250	0.000	0.000	0.000	0.932
			0.727					0.938					

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	0 ST	0 SR	0 EL	3 ET	0 ER	0 WL	4 WT	0 WR	
4:00 PM	0	0	5	0	0	0	0	395	2	0	0	0	402
4:15 PM	0	0	6	0	0	0	0	390	3	0	0	0	399
4:30 PM	0	0	6	0	0	0	0	379	2	0	0	0	387
4:45 PM	0	0	9	0	0	0	0	370	1	0	0	0	380
5:00 PM	0	0	7	0	0	0	0	428	3	0	0	0	438
5:15 PM	0	0	7	0	0	0	0	402	4	0	0	0	413
5:30 PM	0	0	6	0	0	0	0	387	4	0	0	0	397
5:45 PM	0	0	3	0	0	0	0	378	3	0	0	0	384
6:00 PM	0	0	3	0	0	0	0	395	5	0	0	0	403
6:15 PM	0	0	4	0	0	0	0	389	4	0	0	0	397
6:30 PM	0	0	2	0	0	0	0	301	3	0	0	0	306
6:45 PM	0	0	3	0	0	0	0	275	4	0	0	0	282
<b>TOTAL VOLUMES :</b>	0	0	61	0	0	0	0	4489	38	0	0	0	4588
<b>APPROACH %'s :</b>	0.00%	0.00%	100.00%				0.00%	99.16%	0.84%				
<b>PEAK HR :</b>	05:00 PM - 06:00 PM												TOTAL
<b>PEAK HR VOL :</b>	0	0	23	0	0	0	0	1595	14	0	0	0	1632
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.821	0.000	0.000	0.000	0.000	0.932	0.875	0.000	0.000	0.000	0.932
			0.821					0.933					

# National Data & Surveying Services Intersection Turning Movement Count

Location: Residential Dwy/Universal Hardwood & Painting Dwy & Randolph Rd  
 City: Silver Spring  
 Control: 1-Way Stop(NB)

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Residential Dwy/Universal Hardwood & Painting Dwy			Residential Dwy/Universal Hardwood & Painting Dwy			Randolph Rd			Randolph Rd				
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	0 NL	1 NT	0 NR	0 SL	0 ST	0 SR	0 EL	3 ET	0 ER	0 WL	4 WT	0 WR		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1	
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	1	0	0	0	0	<b>TOTAL</b>	1
<b>APPROACH %'s :</b>														
<b>PEAK HR :</b>	07:15 AM - 08:15 AM												<b>TOTAL</b>	0
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	0 NL	1 NT	0 NR	0 SL	0 ST	0 SR	0 EL	3 ET	0 ER	0 WL	4 WT	0 WR		
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	2	0	0	1	0	<b>TOTAL</b>	3
<b>APPROACH %'s :</b>														
<b>PEAK HR :</b>	05:00 PM - 06:00 PM												<b>TOTAL</b>	0
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000

# National Data & Surveying Services Intersection Turning Movement Count

Location: Residential Dwy/Universal Hardwood & Painting Dwy & Randolph Rd Project ID: 22-280035-004  
City: Silver Spring Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Residential Dwy/Universal Hardwood & Painting Dwy	Residential Dwy/Universal Hardwood & Painting Dwy	Randolph Rd		Randolph Rd				
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	1	0	0	0	0	0	1
7:30 AM	0	0	4	0	0	0	0	0	4
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	2	1	0	0	0	0	3
8:15 AM	0	0	0	0	1	0	0	0	1
8:30 AM	0	0	1	0	0	0	0	0	1
8:45 AM	0	0	0	4	0	0	0	0	4
9:00 AM	0	0	1	1	0	0	0	0	2
9:15 AM	0	0	1	0	0	0	0	0	1
<b>TOTAL VOLUMES :</b>	0	0	10	6	1	0	0	0	17
<b>APPROACH %'s :</b>			62.50%	37.50%	100.00%	0.00%			
<b>PEAK HR :</b>	07:15 AM - 08:15 AM								TOTAL
<b>PEAK HR VOL :</b>	0	0	7	1	0	0	0	0	8
<b>PEAK HR FACTOR :</b>			0.438	0.250				0.500	0.500

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	0	0	3	0	0	0	0	0	3
4:15 PM	0	0	1	2	0	0	0	0	3
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	1	0	0	0	1	0	2
5:30 PM	0	0	0	0	0	0	0	1	1
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	0	0	5	2	0	0	1	1	9
<b>APPROACH %'s :</b>			71.43%	28.57%			50.00%	50.00%	
<b>PEAK HR :</b>	05:00 PM - 06:00 PM								TOTAL
<b>PEAK HR VOL :</b>	0	0	1	0	0	0	1	1	3
<b>PEAK HR FACTOR :</b>			0.250	0.250			0.250	0.250	0.375

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenallan Ave & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Glenallan Ave			Glenallan Ave			Randolph Rd			Randolph Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	2 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
6:30 AM	3	3	0	34	4	15	3	109	1	0	280	54	506
6:45 AM	6	4	0	42	4	21	7	144	3	1	307	49	588
7:00 AM	7	1	1	57	9	25	7	134	1	1	398	43	684
7:15 AM	10	2	1	88	12	25	9	232	8	1	397	48	833
7:30 AM	13	22	0	69	14	24	6	229	13	0	459	51	900
7:45 AM	12	44	0	83	15	13	6	216	9	0	479	66	943
8:00 AM	18	24	0	74	8	25	14	208	7	1	479	46	904
8:15 AM	12	16	0	62	18	24	7	186	6	1	506	35	873
8:30 AM	16	10	1	58	14	20	7	216	16	1	424	37	820
8:45 AM	30	25	0	67	11	21	5	212	8	2	408	37	826
9:00 AM	11	6	1	40	9	19	8	215	4	1	349	40	703
9:15 AM	4	2	2	57	12	14	6	203	11	1	307	31	650
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	142	159	6	731	130	246	85	2304	87	10	4793	537	9230
	46.25%	51.79%	1.95%	66.03%	11.74%	22.22%	3.43%	93.05%	3.51%	0.19%	89.76%	10.06%	
<b>PEAK HR :</b>	<b>07:30 AM - 08:30 AM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	55	106	0	288	55	86	33	839	35	2	1923	198	3620
<b>PEAK HR FACTOR :</b>	0.764	0.602	0.000	0.867	0.764	0.860	0.589	0.916	0.673	0.500	0.950	0.750	0.960
		0.719			0.966			0.914			0.974		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	2 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
4:00 PM	9	10	1	49	8	19	11	388	8	0	305	51	859
4:15 PM	5	15	0	52	7	5	14	369	11	0	189	29	696
4:30 PM	6	5	2	83	4	12	13	362	5	2	272	42	808
4:45 PM	7	4	0	44	7	16	17	358	11	2	281	71	818
5:00 PM	8	8	0	74	6	21	27	396	5	0	226	49	820
5:15 PM	10	9	3	50	8	15	19	388	9	1	281	51	844
5:30 PM	14	15	2	56	4	18	25	358	6	3	217	56	774
5:45 PM	7	8	3	39	3	22	17	362	6	1	292	70	830
6:00 PM	9	4	0	63	9	27	18	369	5	1	219	49	773
6:15 PM	6	3	0	49	6	17	20	368	10	1	218	43	741
6:30 PM	3	9	0	46	1	11	18	269	4	2	200	58	621
6:45 PM	5	1	1	43	1	10	15	264	9	1	177	43	570
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	89	91	12	648	64	193	214	4251	89	14	2877	612	9154
	46.35%	47.40%	6.25%	71.60%	7.07%	21.33%	4.70%	93.35%	1.95%	0.40%	82.13%	17.47%	
<b>PEAK HR :</b>	<b>04:30 PM - 05:30 PM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	31	26	5	251	25	64	76	1504	30	5	1060	213	3290
<b>PEAK HR FACTOR :</b>	0.775	0.722	0.417	0.756	0.781	0.762	0.704	0.949	0.682	0.625	0.943	0.750	0.975
		0.705			0.842			0.940			0.903		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenallan Ave & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Glenallan Ave			Glenallan Ave			Randolph Rd			Randolph Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	2 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	0	0	0	1	0	0	0	1	0	0	0	0	<b>TOTAL</b>
<b>APPROACH %'s :</b>				100.00%	0.00%	0.00%	0.00%	100.00%	0.00%				2
<b>PEAK HR :</b>	<b>07:30 AM - 08:30 AM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	1 NT	0 NR	0 SL	2 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
<b>TOTAL VOLUMES :</b>	1	0	0	1	0	0	0	1	0	0	0	1	<b>TOTAL</b>
<b>APPROACH %'s :</b>	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	4
<b>PEAK HR :</b>	<b>04:30 PM - 05:30 PM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	1	0	0	0	1	2
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.250	0.500

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenallan Ave & Randolph Rd  
City: Silver Spring

Project ID: 22-280035-005  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Glenallan Ave		Glenallan Ave		Randolph Rd		Randolph Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	0	0	1	0	0	0	0	0	1
6:45 AM	1	0	0	2	0	0	2	0	5
7:00 AM	4	1	0	0	0	0	1	0	6
7:15 AM	4	0	5	0	2	3	1	0	15
7:30 AM	5	0	10	0	1	0	2	0	18
7:45 AM	2	0	0	0	0	1	0	0	3
8:00 AM	1	1	1	1	0	1	2	0	7
8:15 AM	2	0	4	1	0	9	0	0	16
8:30 AM	0	3	40	3	3	65	0	0	114
8:45 AM	4	3	22	22	25	11	1	0	88
9:00 AM	4	1	1	1	1	4	0	0	12
9:15 AM	1	4	0	2	4	0	1	0	12
<b>TOTAL VOLUMES :</b>	EB 28	WB 13	EB 84	WB 32	NB 36	SB 94	NB 10	SB 0	TOTAL 297
<b>APPROACH %'s :</b>	68.29%	31.71%	72.41%	27.59%	27.69%	72.31%	100.00%	0.00%	
<b>PEAK HR :</b>	07:30 AM - 08:30 AM								TOTAL
<b>PEAK HR VOL :</b>	10	1	15	2	1	11	4	0	44
<b>PEAK HR FACTOR :</b>	0.500	0.250	0.375	0.500	0.250	0.306	0.500	0.500	0.611
	0.550		0.425		0.333		0.500		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	5	2	1	0	1	1	3	1	14
4:15 PM	2	2	2	2	0	0	0	2	10
4:30 PM	1	1	0	0	0	2	0	0	4
4:45 PM	0	1	0	0	0	0	0	0	1
5:00 PM	2	6	0	2	0	0	1	0	11
5:15 PM	4	0	0	0	0	0	0	0	4
5:30 PM	1	0	0	0	0	0	0	1	2
5:45 PM	0	1	0	3	0	0	0	0	4
6:00 PM	3	1	0	0	0	1	0	0	5
6:15 PM	0	3	0	0	2	0	0	1	6
6:30 PM	2	0	1	1	0	0	0	1	5
6:45 PM	2	0	0	1	0	0	0	0	3
<b>TOTAL VOLUMES :</b>	EB 22	WB 17	EB 4	WB 9	NB 3	SB 4	NB 4	SB 6	TOTAL 69
<b>APPROACH %'s :</b>	56.41%	43.59%	30.77%	69.23%	42.86%	57.14%	40.00%	60.00%	
<b>PEAK HR :</b>	04:30 PM - 05:30 PM								TOTAL
<b>PEAK HR VOL :</b>	7	8	0	2	0	2	1	0	20
<b>PEAK HR FACTOR :</b>	0.438	0.333	0	0.250	0	0.250	0.250	0.250	0.455
	0.469		0.250		0.250		0.250		



# National Data & Surveying Services Intersection Turning Movement Count

Location: Garden Gate Rd/Middlevale Ln & Randolph Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Garden Gate Rd/Middlevale Ln			Garden Gate Rd/Middlevale Ln			Randolph Rd			Randolph Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	2 NT	0 NR	0 SL	2 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
6:30 AM	2	0	5	9	1	3	3	130	0	4	342	17	516
6:45 AM	6	2	2	14	0	8	5	171	3	4	359	11	585
7:00 AM	11	1	2	30	1	20	5	192	4	10	489	9	774
7:15 AM	12	0	0	50	3	38	24	279	3	16	454	14	893
7:30 AM	11	3	5	54	2	32	36	279	4	24	441	27	918
7:45 AM	5	2	2	39	3	16	4	289	1	28	566	44	999
8:00 AM	7	5	2	30	5	5	4	256	8	14	535	22	893
8:15 AM	8	7	7	29	5	6	6	235	1	8	540	36	888
8:30 AM	12	5	2	43	1	12	1	224	1	14	473	17	805
8:45 AM	18	12	21	28	7	12	3	237	4	4	386	19	751
9:00 AM	10	4	5	17	1	6	7	262	2	2	329	18	663
9:15 AM	3	2	3	16	1	8	4	249	1	3	333	18	641
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	105	43	56	359	30	166	102	2803	32	131	5247	252	9326
	51.47%	21.08%	27.45%	64.68%	5.41%	29.91%	3.47%	95.44%	1.09%	2.33%	93.20%	4.48%	
<b>PEAK HR :</b>	<b>07:15 AM - 08:15 AM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	35	10	9	173	13	91	68	1103	16	82	1996	107	3703
<b>PEAK HR FACTOR :</b>	0.729	0.500	0.450	0.801	0.650	0.599	0.472	0.954	0.500	0.732	0.882	0.608	0.927
		0.711			0.761			0.930			0.856		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	2 NT	0 NR	0 SL	2 ST	0 SR	1 EL	3 ET	0 ER	1 WL	3 WT	0 WR	
4:00 PM	3	5	3	21	4	5	5	398	9	4	344	42	843
4:15 PM	9	3	3	22	1	9	2	401	2	8	180	42	682
4:30 PM	7	2	5	26	2	8	7	413	6	9	312	48	845
4:45 PM	5	0	3	28	2	9	5	403	7	9	318	33	822
5:00 PM	6	0	2	30	1	5	11	437	9	11	321	31	864
5:15 PM	6	5	3	27	1	5	2	433	8	6	294	35	825
5:30 PM	5	3	5	19	0	4	3	393	7	4	281	54	778
5:45 PM	9	1	2	28	2	6	5	411	6	6	310	38	824
6:00 PM	7	7	1	20	1	5	6	403	4	6	264	26	750
6:15 PM	9	5	2	11	1	13	5	384	8	3	254	29	724
6:30 PM	2	0	1	21	1	1	4	325	9	7	240	36	647
6:45 PM	6	2	1	8	2	6	3	285	6	6	184	27	536
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	74	33	31	261	18	76	58	4686	81	79	3302	441	9140
	53.62%	23.91%	22.46%	73.52%	5.07%	21.41%	1.20%	97.12%	1.68%	2.07%	86.39%	11.54%	
<b>PEAK HR :</b>	<b>04:30 PM - 05:30 PM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	24	7	13	111	6	27	25	1686	30	35	1245	147	3356
<b>PEAK HR FACTOR :</b>	0.857	0.350	0.650	0.925	0.750	0.750	0.568	0.965	0.833	0.795	0.970	0.766	0.971
		0.786			0.923			0.952			0.967		



# National Data & Surveying Services Intersection Turning Movement Count

Location: Garden Gate Rd/Middlevale Ln & Randolph Rd  
City: Silver Spring

Project ID: 22-280035-006  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Garden Gate Rd/Middlevale Ln		Garden Gate Rd/Middlevale Ln		Randolph Rd		Randolph Rd		TOTAL
	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	
<b>AM</b>									
6:30 AM	1	0	1	0	3	0	0	0	5
6:45 AM	1	0	7	0	8	0	0	0	16
7:00 AM	6	0	0	1	0	0	0	0	7
7:15 AM	13	1	4	0	5	0	0	0	23
7:30 AM	82	2	5	0	25	0	43	0	157
7:45 AM	12	2	3	0	8	0	0	0	25
8:00 AM	8	0	19	0	19	0	4	0	50
8:15 AM	8	0	2	0	2	0	5	3	20
8:30 AM	6	0	1	0	1	0	4	0	12
8:45 AM	2	0	1	1	4	0	1	0	9
9:00 AM	0	0	1	0	0	0	0	0	1
9:15 AM	4	0	2	0	2	0	1	0	9
<b>TOTAL VOLUMES :</b>	143	5	46	2	77	0	58	3	334
<b>APPROACH %'s :</b>	96.62%	3.38%	95.83%	4.17%	100.00%	0.00%	95.08%	4.92%	
<b>PEAK HR :</b>	07:15 AM - 08:15 AM								<b>TOTAL</b>
<b>PEAK HR VOL :</b>	115	5	31	0	57	0	47	0	255
<b>PEAK HR FACTOR :</b>	0.351	0.625	0.408		0.570		0.273		0.406
	0.357		0.408		0.570		0.273		

NS/EW Streets:	Garden Gate Rd/Middlevale Ln		Garden Gate Rd/Middlevale Ln		Randolph Rd		Randolph Rd		TOTAL
	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	
<b>PM</b>									
4:00 PM	4	3	0	0	0	0	4	1	12
4:15 PM	0	2	0	1	0	0	0	2	5
4:30 PM	1	1	0	0	0	0	1	0	3
4:45 PM	0	4	0	0	0	0	1	0	5
5:00 PM	1	0	0	0	0	1	0	0	2
5:15 PM	0	0	0	1	0	1	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	1	0	2	0	2	0	1	1	7
6:30 PM	0	2	0	0	0	0	0	0	2
6:45 PM	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	7	12	2	2	2	3	7	4	39
<b>APPROACH %'s :</b>	36.84%	63.16%	50.00%	50.00%	40.00%	60.00%	63.64%	36.36%	
<b>PEAK HR :</b>	04:30 PM - 05:30 PM								<b>TOTAL</b>
<b>PEAK HR VOL :</b>	2	5	0	1	0	2	2	0	12
<b>PEAK HR FACTOR :</b>	0.500	0.313		0.250		0.500	0.500		0.600
	0.438		0.250		0.500		0.500		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Layhill Rd/Judson Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Georgia Ave			Georgia Ave			Layhill Rd/Judson Rd			Layhill Rd/Judson Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	2.5 NT	0.5 NR	1 SL	3 ST	0 SR	0.5 EL	0.5 ET	1 ER	0 WL	2 WT	1 WR	
6:30 AM	0	98	42	12	195	0	0	1	8	95	0	5	456
6:45 AM	0	92	43	8	174	0	0	1	2	148	0	2	470
7:00 AM	0	107	51	13	243	0	0	0	3	176	0	6	599
7:15 AM	0	130	68	14	287	0	2	0	2	223	0	3	729
7:30 AM	0	191	68	14	238	0	5	2	4	224	0	7	753
7:45 AM	0	192	110	14	195	0	1	2	3	219	0	6	742
8:00 AM	0	161	86	12	245	0	3	2	3	217	0	11	740
8:15 AM	0	142	113	13	273	0	0	1	5	206	0	6	759
8:30 AM	0	139	84	8	204	0	2	0	4	172	0	4	617
8:45 AM	0	166	59	20	254	0	2	0	1	182	0	6	690
9:00 AM	0	131	66	17	228	0	1	2	7	140	0	3	595
9:15 AM	0	131	66	12	216	0	1	1	0	130	0	4	561
<b>TOTAL VOLUMES :</b>	0	1680	856	157	2752	0	17	12	42	2132	0	63	7711
<b>APPROACH %'s :</b>	0.00%	66.25%	33.75%	5.40%	94.60%	0.00%	23.94%	16.90%	59.15%	97.13%	0.00%	2.87%	
<b>PEAK HR :</b>	07:30 AM - 08:30 AM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	686	377	53	951	0	9	7	15	866	0	30	2994
<b>PEAK HR FACTOR :</b>	0.000	0.893	0.834	0.946	0.871	0.000	0.450	0.875	0.750	0.967	0.000	0.682	0.986
		0.880			0.878			0.705			0.970		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	2.5 NT	0.5 NR	1 SL	3 ST	0 SR	0.5 EL	0.5 ET	1 ER	0 WL	2 WT	1 WR	
4:00 PM	0	264	148	26	208	0	1	2	2	105	0	5	761
4:15 PM	0	277	171	20	180	0	4	4	2	127	0	12	797
4:30 PM	0	246	137	27	188	0	1	2	1	125	0	5	732
4:45 PM	0	289	178	25	223	0	5	5	1	133	0	15	874
5:00 PM	0	251	161	30	170	0	4	3	3	142	0	6	770
5:15 PM	0	293	145	21	179	0	3	9	2	125	0	16	793
5:30 PM	0	308	154	31	225	0	1	1	1	115	0	11	847
5:45 PM	0	278	176	17	181	0	2	3	1	139	0	13	810
6:00 PM	0	258	169	25	203	0	5	0	3	125	0	17	805
6:15 PM	0	233	140	22	192	0	1	2	1	128	0	12	731
6:30 PM	0	242	157	26	164	0	2	2	3	114	0	14	724
6:45 PM	0	273	140	23	199	0	0	2	3	107	0	13	760
<b>TOTAL VOLUMES :</b>	0	3212	1876	293	2312	0	29	35	23	1485	0	139	9404
<b>APPROACH %'s :</b>	0.00%	63.13%	36.87%	11.25%	88.75%	0.00%	33.33%	40.23%	26.44%	91.44%	0.00%	8.56%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	1141	638	107	797	0	13	18	7	515	0	48	3284
<b>PEAK HR FACTOR :</b>	0.000	0.926	0.896	0.863	0.886	0.000	0.650	0.500	0.583	0.907	0.000	0.750	0.939
		0.952			0.883			0.679			0.951		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Layhill Rd/Judson Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Georgia Ave			Georgia Ave			Layhill Rd/Judson Rd			Layhill Rd/Judson Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	2.5 NT	0.5 NR	1 SL	3 ST	0 SR	0.5 EL	0.5 ET	1 ER	0 WL	2 WT	1 WR	
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	0	0	0	0	1	0	0	0	1	0	0	0	<b>TOTAL</b>
<b>APPROACH %'s :</b>				0.00%	100.00%	0.00%	0.00%	0.00%	100.00%				2
<b>PEAK HR :</b>	<b>07:30 AM - 08:30 AM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	1	0	0	0	1
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.250

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	2.5 NT	0.5 NR	1 SL	3 ST	0 SR	0.5 EL	0.5 ET	1 ER	0 WL	2 WT	1 WR	
4:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	1	1	1	0	2	1	0	0	0	0	0	0	<b>TOTAL</b>
<b>APPROACH %'s :</b>	33.33%	33.33%	33.33%	0.00%	66.67%	33.33%							6
<b>PEAK HR :</b>	<b>04:45 PM - 05:45 PM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	1	0	0	1	0	0	0	0	0	0	0	2
<b>PEAK HR FACTOR :</b>	0.000	0.250	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Layhill Rd/Judson Rd  
City: Silver Spring

Project ID: 22-280035-007  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Georgia Ave		Georgia Ave		Layhill Rd/Judson Rd		Layhill Rd/Judson Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	2	0	0	4	2	0	0	8
6:45 AM	0	3	0	0	4	2	1	0	10
7:00 AM	2	1	0	0	4	3	1	0	11
7:15 AM	0	1	0	0	1	4	1	0	7
7:30 AM	0	1	0	0	5	4	1	1	12
7:45 AM	1	0	0	0	1	4	1	0	7
8:00 AM	1	2	0	1	1	5	0	1	11
8:15 AM	1	2	0	0	2	0	1	2	8
8:30 AM	2	1	0	0	4	4	2	1	14
8:45 AM	0	1	0	0	3	3	1	0	8
9:00 AM	0	0	0	0	2	2	0	0	4
9:15 AM	0	0	0	0	2	1	1	0	4
TOTAL VOLUMES :	7	14	0	1	33	34	10	5	104
APPROACH %'s :	33.33%	66.67%	0.00%	100.00%	49.25%	50.75%	66.67%	33.33%	
PEAK HR :	07:30 AM - 08:30 AM								TOTAL
PEAK HR VOL :	3	5	0	1	9	13	3	4	38
PEAK HR FACTOR :	0.750	0.625		0.250	0.450	0.650	0.750	0.500	0.792
	0.667		0.250		0.611		0.583		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
4:00 PM	0	4	0	0	3	5	0	2	14
4:15 PM	0	4	0	0	7	6	0	3	20
4:30 PM	0	2	1	0	3	4	1	0	11
4:45 PM	1	0	0	0	3	4	0	1	9
5:00 PM	4	2	0	0	1	5	2	1	15
5:15 PM	4	2	0	0	0	4	1	2	13
5:30 PM	2	0	0	0	2	6	0	1	11
5:45 PM	0	2	0	0	2	3	0	2	9
6:00 PM	1	4	0	0	1	3	0	0	9
6:15 PM	0	2	0	0	2	3	0	1	8
6:30 PM	1	1	0	0	1	7	0	1	11
6:45 PM	3	1	0	0	1	6	0	0	11
TOTAL VOLUMES :	16	24	1	0	26	56	4	14	141
APPROACH %'s :	40.00%	60.00%	100.00%	0.00%	31.71%	68.29%	22.22%	77.78%	
PEAK HR :	04:45 PM - 05:45 PM								TOTAL
PEAK HR VOL :	11	4	0	0	6	19	3	5	48
PEAK HR FACTOR :	0.688	0.500			0.500	0.792	0.375	0.625	0.800
	0.625				0.781		0.667		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Glenmont Cir  
 City: Silver Spring  
 Control: 1-Way Stop(WB)

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Georgia Ave			Georgia Ave			Glenmont Cir			Glenmont Cir			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
6:30 AM	0	120	2	0	0	0	0	0	0	0	0	9	131
6:45 AM	0	133	2	0	0	0	0	0	0	0	0	4	139
7:00 AM	0	180	2	0	0	0	0	0	0	0	0	9	191
7:15 AM	0	243	1	0	0	0	0	0	0	0	0	7	251
7:30 AM	0	272	4	0	0	0	0	0	0	0	0	12	288
7:45 AM	0	293	7	0	0	0	0	0	0	0	0	6	306
8:00 AM	0	274	4	0	0	0	0	0	0	0	0	8	286
8:15 AM	0	242	5	0	0	0	0	0	0	0	0	10	257
8:30 AM	0	230	5	0	0	0	0	0	0	0	0	13	248
8:45 AM	0	205	7	0	0	0	0	0	0	0	0	9	221
9:00 AM	0	205	4	0	0	0	0	0	0	0	0	5	214
9:15 AM	0	221	7	0	0	0	0	0	0	0	0	6	234
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	0	2618	50	0	0	0	0	0	0	0	0	98	2766
	0.00%	98.13%	1.87%							0.00%	0.00%	100.00%	
<b>PEAK HR :</b>	07:30 AM - 08:30 AM												TOTAL
<b>PEAK HR VOL :</b>	0	1081	20	0	0	0	0	0	0	0	0	36	1137
<b>PEAK HR FACTOR :</b>	0.000	0.922	0.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.750	0.929
		0.918										0.750	

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
4:00 PM	0	441	10	0	0	0	0	0	0	0	0	9	460
4:15 PM	0	486	13	0	0	0	0	0	0	0	0	8	507
4:30 PM	0	470	15	0	0	0	0	0	0	0	0	4	489
4:45 PM	0	488	4	0	0	0	0	0	0	0	0	7	499
5:00 PM	0	461	7	0	0	0	0	0	0	0	0	4	472
5:15 PM	0	463	12	0	0	0	0	0	0	0	0	4	479
5:30 PM	0	489	14	0	0	0	0	0	0	0	0	6	509
5:45 PM	0	481	5	0	0	0	0	0	0	0	0	5	491
6:00 PM	0	451	11	0	0	0	0	0	0	0	0	5	467
6:15 PM	0	435	17	0	0	0	0	0	0	0	0	12	464
6:30 PM	0	391	8	0	0	0	0	0	0	0	0	6	405
6:45 PM	0	424	7	0	0	0	0	0	0	0	0	7	438
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	0	5480	123	0	0	0	0	0	0	0	0	77	5680
	0.00%	97.80%	2.20%							0.00%	0.00%	100.00%	
<b>PEAK HR :</b>	04:15 PM - 05:15 PM												TOTAL
<b>PEAK HR VOL :</b>	0	1905	39	0	0	0	0	0	0	0	0	23	1967
<b>PEAK HR FACTOR :</b>	0.000	0.976	0.650	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.719	0.970
		0.974										0.719	

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Glenmont Cir  
 City: Silver Spring  
 Control: 1-Way Stop(WB)

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Georgia Ave			Georgia Ave			Glenmont Cir			Glenmont Cir				
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	0 NL	3 NT	0 NR	0 SL	3 ST	0 SR	0 EL	0 ET	0 ER	0 WL	0 WT	1 WR		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	0
<b>APPROACH %'s :</b>														
<b>PEAK HR :</b>	07:30 AM - 08:30 AM												<b>TOTAL</b>	0
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	0 NL	3 NT	0 NR	0 SL	3 ST	0 SR	0 EL	0 ET	0 ER	0 WL	0 WT	1 WR		
4:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	2	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1	
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	4	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	4
<b>APPROACH %'s :</b>	0.00%	100.00%	0.00%											
<b>PEAK HR :</b>	04:15 PM - 05:15 PM												<b>TOTAL</b>	0
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0



# National Data & Surveying Services **Intersection Turning** Movement Count

Location: Georgia Ave & Glenmont Cir  
City: Silver Spring

Project ID: 22-280035-008  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Georgia Ave		Georgia Ave		Glenmont Cir		Glenmont Cir		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	0	0	0	0	3	2	0	0	5
6:45 AM	0	0	0	0	7	1	0	0	8
7:00 AM	0	0	0	0	4	1	0	0	5
7:15 AM	0	0	0	0	10	2	0	0	12
7:30 AM	0	0	0	0	3	0	0	0	3
7:45 AM	0	0	0	0	3	0	0	0	3
8:00 AM	0	0	0	0	1	1	0	0	2
8:15 AM	0	0	0	0	1	1	0	0	2
8:30 AM	0	0	0	0	3	4	0	0	7
8:45 AM	0	0	0	0	2	5	0	0	7
9:00 AM	0	0	0	0	3	4	0	0	7
9:15 AM	0	0	0	0	3	1	0	0	4
<b>TOTAL VOLUMES :</b>	0	0	0	0	43	22	0	0	65
<b>APPROACH %'s :</b>					66.15%	33.85%			
<b>PEAK HR :</b>	07:30 AM - 08:30 AM								TOTAL
<b>PEAK HR VOL :</b>	0	0	0	0	8	2	0	0	10
<b>PEAK HR FACTOR :</b>					0.667	0.500			0.833

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	0	0	0	0	9	6	0	0	15
4:15 PM	0	0	0	0	2	4	0	0	6
4:30 PM	0	0	0	0	7	8	0	0	15
4:45 PM	0	0	0	0	2	7	0	0	9
5:00 PM	0	0	0	0	0	5	0	0	5
5:15 PM	0	0	0	0	1	4	0	0	5
5:30 PM	0	0	1	0	1	1	0	0	3
5:45 PM	0	0	0	0	1	4	0	0	5
6:00 PM	0	0	0	0	5	4	0	0	9
6:15 PM	0	0	0	0	0	2	0	0	2
6:30 PM	0	0	0	0	1	1	0	0	2
6:45 PM	0	0	0	0	3	9	0	0	12
<b>TOTAL VOLUMES :</b>	0	0	1	0	32	55	0	0	88
<b>APPROACH %'s :</b>			100.00%	0.00%	36.78%	63.22%			
<b>PEAK HR :</b>	04:15 PM - 05:15 PM								TOTAL
<b>PEAK HR VOL :</b>	0	0	0	0	11	24	0	0	35
<b>PEAK HR FACTOR :</b>					0.393	0.750			0.583

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Shorefield Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Georgia Ave			Georgia Ave			Shorefield Rd			Shorefield Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	3 NT	0 NR	1 SL	3 ST	0 SR	0 EL	1 ET	0 ER	0 WL	2 WT	0 WR	
6:30 AM	0	98	1	5	345	1	4	0	1	16	0	12	483
6:45 AM	0	113	1	11	428	0	2	0	0	16	0	9	580
7:00 AM	0	170	4	4	547	7	6	2	1	23	0	15	779
7:15 AM	0	216	3	11	597	0	3	1	1	33	0	10	875
7:30 AM	0	232	3	17	591	1	4	0	0	26	0	14	888
7:45 AM	0	270	4	14	647	0	5	1	2	17	0	15	975
8:00 AM	1	243	11	15	643	0	2	1	1	17	0	17	951
8:15 AM	0	225	4	21	562	4	5	1	0	15	0	18	855
8:30 AM	0	181	7	20	479	0	6	1	0	19	0	23	736
8:45 AM	0	176	7	37	518	1	7	3	0	28	0	17	794
9:00 AM	0	188	8	28	443	2	4	3	0	30	0	17	723
9:15 AM	0	209	11	30	375	1	4	2	1	34	1	20	688
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	0.04%	97.28%	2.68%	3.33%	96.41%	0.27%	70.27%	20.27%	9.46%	59.31%	0.22%	40.48%	9327
<b>PEAK HR :</b>	07:15 AM - 08:15 AM												TOTAL
<b>PEAK HR VOL :</b>	1	961	21	57	2478	1	14	3	4	93	0	56	3689
<b>PEAK HR FACTOR :</b>	0.250	0.890	0.477	0.838	0.957	0.250	0.700	0.750	0.500	0.705	0.000	0.824	0.946
		0.897			0.959			0.656			0.866		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	3 NT	0 NR	1 SL	3 ST	0 SR	0 EL	1 ET	0 ER	0 WL	2 WT	0 WR	
4:00 PM	0	405	13	35	311	3	16	4	3	33	0	40	863
4:15 PM	0	445	7	47	305	3	2	4	1	42	2	40	898
4:30 PM	0	438	10	41	306	4	10	3	1	31	0	34	878
4:45 PM	0	444	12	37	373	8	7	8	1	44	1	24	959
5:00 PM	0	444	12	28	310	5	10	6	4	45	0	32	896
5:15 PM	0	463	14	29	327	4	7	5	2	37	1	32	921
5:30 PM	0	425	15	38	331	10	8	6	0	30	1	39	903
5:45 PM	1	455	10	36	341	16	14	1	2	31	0	27	934
6:00 PM	0	391	9	37	335	8	10	10	1	36	3	34	874
6:15 PM	0	394	13	40	304	6	13	2	2	37	0	26	837
6:30 PM	0	336	10	34	277	2	13	3	0	36	1	36	748
6:45 PM	0	397	13	30	291	9	6	4	0	33	1	24	808
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	0.02%	97.31%	2.67%	10.00%	88.20%	1.81%	61.38%	29.63%	8.99%	52.22%	1.20%	46.58%	10519
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												TOTAL
<b>PEAK HR VOL :</b>	0	1776	53	132	1341	27	32	25	7	156	3	127	3679
<b>PEAK HR FACTOR :</b>	0.000	0.959	0.883	0.868	0.899	0.675	0.800	0.781	0.438	0.867	0.750	0.814	0.959
		0.959			0.897			0.800			0.929		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Shorefield Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Georgia Ave			Georgia Ave			Shorefield Rd			Shorefield Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	3 NT	0 NR	1 SL	3 ST	0 SR	0 EL	1 ET	0 ER	0 WL	2 WT	0 WR	
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	0	0	0	1	1	0	0	0	0	0	0	0	<b>TOTAL</b>
<b>APPROACH %'s :</b>				50.00%	50.00%	0.00%							2
<b>PEAK HR :</b>	07:15 AM - 08:15 AM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	0	0	1	0	0	0	0	0	0	0	0	1
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	0 NL	3 NT	0 NR	1 SL	3 ST	0 SR	0 EL	1 ET	0 ER	0 WL	2 WT	0 WR	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	1	1	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL VOLUMES :</b>	0	2	0	1	1	0	0	0	0	0	0	1	<b>TOTAL</b>
<b>APPROACH %'s :</b>	0.00%	100.00%	0.00%	50.00%	50.00%	0.00%				0.00%	0.00%	100.00%	5
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	1	0	0	0	0	0	0	0	0	0	1	2
<b>PEAK HR FACTOR :</b>	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.500

# National Data & Surveying Services **Intersection Turning** Movement Count

Location: Georgia Ave & Shorefield Rd  
City: Silver Spring

Project ID: 22-280035-009  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Georgia Ave		Georgia Ave		Shorefield Rd		Shorefield Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	0	1	0	0	1	0	0	0	2
6:45 AM	3	1	0	0	0	0	0	0	4
7:00 AM	2	4	0	0	0	0	0	0	6
7:15 AM	0	5	0	0	1	0	0	0	6
7:30 AM	2	4	0	3	0	3	3	1	16
7:45 AM	0	2	2	0	1	0	3	1	9
8:00 AM	1	1	0	0	1	0	0	1	4
8:15 AM	2	5	0	0	0	0	0	0	7
8:30 AM	4	3	1	0	2	0	0	0	10
8:45 AM	0	3	1	0	0	0	0	2	6
9:00 AM	0	1	2	0	3	3	2	1	12
9:15 AM	0	3	0	0	1	1	2	0	7
<b>TOTAL VOLUMES :</b>	EB 14	WB 33	EB 6	WB 3	NB 10	SB 7	NB 10	SB 6	TOTAL 89
<b>APPROACH %'s :</b>	29.79%	70.21%	66.67%	33.33%	58.82%	41.18%	62.50%	37.50%	
<b>PEAK HR :</b>	07:15 AM - 08:15 AM								TOTAL
<b>PEAK HR VOL :</b>	3	12	2	3	3	3	6	3	35
<b>PEAK HR FACTOR :</b>	0.375	0.600	0.250	0.250	0.750	0.250	0.500	0.750	0.547
	0.625		0.417		0.500		0.563		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	2	3	0	0	0	3	0	1	9
4:15 PM	0	3	0	3	4	5	4	2	21
4:30 PM	4	3	1	2	0	2	2	1	15
4:45 PM	5	1	0	0	2	2	1	0	11
5:00 PM	6	5	0	0	1	1	3	0	16
5:15 PM	3	2	0	1	4	2	3	2	17
5:30 PM	1	3	0	0	1	4	1	1	11
5:45 PM	1	1	0	3	2	0	4	1	12
6:00 PM	0	3	0	1	0	0	0	1	5
6:15 PM	5	0	0	0	0	1	0	0	6
6:30 PM	2	1	0	0	1	3	0	0	7
6:45 PM	1	2	0	1	0	4	0	0	8
<b>TOTAL VOLUMES :</b>	EB 30	WB 27	EB 1	WB 11	NB 15	SB 27	NB 18	SB 9	TOTAL 138
<b>APPROACH %'s :</b>	52.63%	47.37%	8.33%	91.67%	35.71%	64.29%	66.67%	33.33%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM								TOTAL
<b>PEAK HR VOL :</b>	15	11	0	1	8	9	8	3	55
<b>PEAK HR FACTOR :</b>	0.625	0.550	0.250	0.250	0.500	0.563	0.667	0.375	0.809
	0.591		0.250		0.708		0.550		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenallan Ave & Layhill Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Glenallan Ave			Glenallan Ave			Layhill Rd			Layhill Rd			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	1 NL	2 NT	0 NR	1 SL	1 ST	1 SR	1 EL	3 ET	0 ER	1 WL	2 WT	1 WR	
6:30 AM	1	46	13	12	28	5	1	37	4	10	107	23	287
6:45 AM	4	39	11	19	39	10	5	47	6	7	137	27	351
7:00 AM	6	42	10	21	60	9	4	54	7	23	190	42	468
7:15 AM	6	50	7	24	62	14	10	70	4	34	225	60	566
7:30 AM	1	79	15	34	70	14	5	64	10	29	199	83	603
7:45 AM	5	112	9	32	54	12	5	106	8	21	237	72	673
8:00 AM	8	76	14	40	72	8	11	86	6	21	211	62	615
8:15 AM	5	51	11	23	56	13	8	122	4	32	201	45	571
8:30 AM	4	54	9	27	41	14	8	88	7	22	161	38	473
8:45 AM	2	48	8	18	42	8	8	62	6	27	174	34	437
9:00 AM	4	38	9	16	44	11	10	68	9	18	130	26	383
9:15 AM	2	34	5	17	38	6	8	69	7	26	108	14	334
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	48	669	121	283	606	124	83	873	78	270	2080	526	5761
	5.73%	79.83%	14.44%	27.94%	59.82%	12.24%	8.03%	84.43%	7.54%	9.39%	72.32%	18.29%	
<b>PEAK HR :</b>	<b>07:30 AM - 08:30 AM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	19	318	49	129	252	47	29	378	28	103	848	262	2462
<b>PEAK HR FACTOR :</b>	0.594	0.710	0.817	0.806	0.875	0.839	0.659	0.775	0.700	0.805	0.895	0.789	0.915
		0.766			0.892			0.812			0.919		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	1 NL	2 NT	0 NR	1 SL	1 ST	1 SR	1 EL	3 ET	0 ER	1 WL	2 WT	1 WR	
4:00 PM	5	39	19	38	47	11	16	179	12	16	101	21	504
4:15 PM	4	41	15	43	40	12	20	174	9	17	103	18	496
4:30 PM	4	41	11	34	67	16	16	161	10	24	124	21	529
4:45 PM	10	62	17	55	59	12	25	166	8	20	105	32	571
5:00 PM	5	48	15	38	60	9	20	184	10	25	130	31	575
5:15 PM	7	59	18	43	60	16	12	156	12	16	104	25	528
5:30 PM	5	47	18	46	48	11	19	190	13	16	120	35	568
5:45 PM	11	68	21	51	50	20	20	171	15	21	111	28	587
6:00 PM	6	46	19	58	59	10	18	168	10	27	113	16	550
6:15 PM	3	39	15	44	55	15	18	140	8	19	97	26	479
6:30 PM	4	49	14	39	39	6	27	173	15	12	105	20	503
6:45 PM	3	34	12	47	42	7	21	137	7	11	84	20	425
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	67	573	194	536	626	145	232	1999	129	224	1297	293	6315
	8.03%	68.71%	23.26%	41.01%	47.90%	11.09%	9.83%	84.70%	5.47%	12.35%	71.50%	16.15%	
<b>PEAK HR :</b>	<b>05:00 PM - 06:00 PM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	28	222	72	178	218	56	71	701	50	78	465	119	2258
<b>PEAK HR FACTOR :</b>	0.636	0.816	0.857	0.873	0.908	0.700	0.888	0.922	0.833	0.780	0.894	0.850	0.962
		0.805			0.934			0.926			0.890		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenallan Ave & Layhill Rd  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Glenallan Ave			Glenallan Ave			Layhill Rd			Layhill Rd				
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	1 NL	2 NT	0 NR	1 SL	1 ST	1 SR	1 EL	3 ET	0 ER	1 WL	2 WT	1 WR		
6:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1	
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1	
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	1	
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	1	
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	0	0	0	1	0	0	1	0	0	1	2	<b>TOTAL</b>	5
<b>APPROACH %'s :</b>				0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	33.33%	66.67%		
<b>PEAK HR :</b>	07:30 AM - 08:30 AM												<b>TOTAL</b>	2
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	1	0	0	0	1		
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.250		0.500

  

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	1 NL	2 NT	0 NR	1 SL	1 ST	1 SR	1 EL	3 ET	0 ER	1 WL	2 WT	1 WR		
4:00 PM	0	0	0	0	0	0	0	1	0	0	1	0	2	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	1	0	0	1	0	<b>TOTAL</b>	2
<b>APPROACH %'s :</b>							0.00%	100.00%	0.00%	0.00%	100.00%	0.00%		
<b>PEAK HR :</b>	05:00 PM - 06:00 PM												<b>TOTAL</b>	0
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0		
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenallan Ave & Layhill Rd  
City: Silver Spring

Project ID: 22-280035-010  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Glenallan Ave		Glenallan Ave		Layhill Rd		Layhill Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	0	2	0	0	0	0	3	0	5
6:45 AM	0	0	1	3	0	0	8	0	12
7:00 AM	0	4	1	2	2	1	6	1	17
7:15 AM	1	1	1	3	2	2	3	0	13
7:30 AM	0	1	0	3	2	1	8	1	16
7:45 AM	1	1	2	2	0	1	4	1	12
8:00 AM	0	2	1	0	0	0	5	2	10
8:15 AM	0	0	0	0	0	1	1	2	4
8:30 AM	0	0	0	2	0	0	1	0	3
8:45 AM	0	0	1	1	0	0	3	0	5
9:00 AM	0	2	2	1	1	0	5	1	12
9:15 AM	1	0	0	1	0	3	2	0	7
<b>TOTAL VOLUMES :</b>	EB 3	WB 13	EB 9	WB 18	NB 7	SB 9	NB 49	SB 8	TOTAL 116
<b>APPROACH %'s :</b>	18.75%	81.25%	33.33%	66.67%	43.75%	56.25%	85.96%	14.04%	
<b>PEAK HR :</b>	07:30 AM - 08:30 AM								TOTAL
<b>PEAK HR VOL :</b>	1	4	3	5	2	3	18	6	42
<b>PEAK HR FACTOR :</b>	0.250	0.500	0.375	0.417	0.250	0.750	0.563	0.750	0.656
	0.625		0.500		0.417		0.667		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	0	0	3	2	2	0	1	0	8
4:15 PM	1	1	3	4	0	2	3	7	21
4:30 PM	0	1	4	1	2	1	0	6	15
4:45 PM	3	0	1	0	1	3	0	0	8
5:00 PM	2	3	0	0	0	0	1	3	9
5:15 PM	3	1	6	1	2	1	1	3	18
5:30 PM	0	0	1	2	0	0	0	4	7
5:45 PM	2	0	1	0	0	1	1	3	8
6:00 PM	5	0	6	1	0	5	1	6	24
6:15 PM	3	0	4	1	1	4	1	4	18
6:30 PM	4	0	0	0	0	1	0	0	5
6:45 PM	0	0	0	0	1	2	0	1	4
<b>TOTAL VOLUMES :</b>	EB 23	WB 6	EB 29	WB 12	NB 9	SB 20	NB 9	SB 37	TOTAL 145
<b>APPROACH %'s :</b>	79.31%	20.69%	70.73%	29.27%	31.03%	68.97%	19.57%	80.43%	
<b>PEAK HR :</b>	05:00 PM - 06:00 PM								TOTAL
<b>PEAK HR VOL :</b>	7	4	8	3	2	2	3	13	42
<b>PEAK HR FACTOR :</b>	0.583	0.333	0.333	0.375	0.250	0.500	0.750	0.813	0.583
	0.550		0.393		0.333		1.000		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Arcola Ave  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Georgia Ave			Georgia Ave			Arcola Ave			Arcola Ave			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	1 NL	3 NT	0 NR	1 SL	3 ST	0 SR	1 EL	1 ET	0 ER	1 WL	1 WT	1 WR	
6:30 AM	2	81	2	50	340	4	3	5	8	8	11	19	533
6:45 AM	3	79	1	65	351	3	5	16	8	20	11	32	594
7:00 AM	3	122	5	86	470	6	7	15	13	20	19	48	814
7:15 AM	6	163	4	100	542	6	6	24	10	18	29	60	968
7:30 AM	7	147	9	86	533	3	9	30	6	33	46	88	997
7:45 AM	7	169	15	96	564	3	13	35	2	46	59	99	1108
8:00 AM	10	154	9	92	548	7	5	22	12	48	36	97	1040
8:15 AM	4	161	8	67	398	8	15	33	2	23	31	74	824
8:30 AM	4	125	13	63	478	6	5	28	5	25	21	60	833
8:45 AM	10	150	10	81	466	1	10	28	8	27	23	54	868
9:00 AM	7	157	11	86	418	1	7	32	6	20	14	52	811
9:15 AM	2	160	14	66	322	1	6	24	8	30	26	76	735
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	65	1668	101	938	5430	49	91	292	88	318	326	759	10125
	3.54%	90.95%	5.51%	14.62%	84.62%	0.76%	19.32%	62.00%	18.68%	22.67%	23.24%	54.10%	
<b>PEAK HR :</b>	<b>07:15 AM - 08:15 AM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	30	633	37	374	2187	19	33	111	30	145	170	344	4113
<b>PEAK HR FACTOR :</b>	0.750	0.936	0.617	0.935	0.969	0.679	0.635	0.793	0.625	0.755	0.720	0.869	0.928
		0.916			0.973			0.870			0.808		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	1 NL	3 NT	0 NR	1 SL	3 ST	0 SR	1 EL	1 ET	0 ER	1 WL	1 WT	1 WR	
4:00 PM	5	366	14	66	278	2	8	39	4	22	37	110	951
4:15 PM	13	352	11	76	269	5	14	26	7	14	29	89	905
4:30 PM	13	374	7	56	244	6	8	30	4	17	34	85	878
4:45 PM	20	389	15	59	344	0	15	21	1	24	33	91	1012
5:00 PM	11	339	17	62	265	9	12	29	4	28	34	111	921
5:15 PM	13	441	18	58	321	6	10	31	5	20	30	85	1038
5:30 PM	9	344	17	58	279	3	13	25	8	21	22	105	904
5:45 PM	7	370	13	53	319	4	9	31	4	15	35	87	947
6:00 PM	10	393	15	46	293	6	7	17	4	26	30	85	932
6:15 PM	12	321	15	55	264	5	8	20	4	16	24	78	822
6:30 PM	5	313	14	40	276	2	8	11	5	21	22	56	773
6:45 PM	8	377	15	57	274	2	4	24	4	20	25	78	888
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	126	4379	171	686	3426	50	116	304	54	244	355	1060	10971
	2.69%	93.65%	3.66%	16.48%	82.32%	1.20%	24.47%	64.14%	11.39%	14.71%	21.40%	63.89%	
<b>PEAK HR :</b>	<b>04:45 PM - 05:45 PM</b>												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	53	1513	67	237	1209	18	50	106	18	93	119	392	3875
<b>PEAK HR FACTOR :</b>	0.663	0.858	0.931	0.956	0.879	0.500	0.833	0.855	0.563	0.830	0.875	0.883	0.933
		0.865			0.908			0.946			0.873		



# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Arcola Ave  
 City: Silver Spring  
 Control: Signalized

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Georgia Ave			Georgia Ave			Arcola Ave			Arcola Ave				
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	1 NL	3 NT	0 NR	1 SL	3 ST	0 SR	1 EL	1 ET	0 ER	1 WL	1 WT	1 WR		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	0
<b>APPROACH %'s :</b>														
<b>PEAK HR :</b>	07:15 AM - 08:15 AM												<b>TOTAL</b>	
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	1 NL	3 NT	0 NR	1 SL	3 ST	0 SR	1 EL	1 ET	0 ER	1 WL	1 WT	1 WR		
4:00 PM	0	2	0	0	1	0	0	0	0	0	0	0	3	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1	
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	1	2	0	0	1	0	0	1	0	0	0	0	<b>TOTAL</b>	5
<b>APPROACH %'s :</b>	33.33%	66.67%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%					
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												<b>TOTAL</b>	
<b>PEAK HR VOL :</b>	1	0	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	1
<b>PEAK HR FACTOR :</b>	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.250

# National Data & Surveying Services Intersection Turning Movement Count

Location: Georgia Ave & Arcola Ave  
City: Silver Spring

Project ID: 22-280035-011  
Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Georgia Ave		Georgia Ave		Arcola Ave		Arcola Ave		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
6:30 AM	1	0	0	0	0	0	0	0	1
6:45 AM	2	0	0	0	0	1	0	0	3
7:00 AM	0	0	1	1	1	0	0	0	3
7:15 AM	0	0	0	1	0	0	1	0	2
7:30 AM	0	1	0	1	0	2	0	0	4
7:45 AM	0	0	0	0	0	2	0	0	2
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	1	0	1	2	4
8:30 AM	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	1	1	4	1	1	1	9
9:00 AM	5	0	0	0	1	0	2	1	9
9:15 AM	1	0	0	0	0	2	0	1	4
<b>TOTAL VOLUMES :</b>	EB 10	WB 1	EB 2	WB 4	NB 7	SB 8	NB 5	SB 5	TOTAL 42
<b>APPROACH %'s :</b>	90.91%	9.09%	33.33%	66.67%	46.67%	53.33%	50.00%	50.00%	
<b>PEAK HR :</b>	07:15 AM - 08:15 AM								TOTAL
<b>PEAK HR VOL :</b>	0	1	0	2	0	4	1	0	8
<b>PEAK HR FACTOR :</b>	0.250		0.500		0.500		0.250		0.500

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
4:00 PM	4	5	0	0	0	0	1	4	14
4:15 PM	7	1	0	0	4	1	1	0	14
4:30 PM	2	5	0	0	1	1	0	0	9
4:45 PM	1	1	0	0	0	0	0	1	3
5:00 PM	0	3	0	0	0	3	0	0	6
5:15 PM	0	3	0	0	2	0	2	1	8
5:30 PM	2	1	0	0	1	0	0	1	5
5:45 PM	1	3	0	0	0	1	0	0	5
6:00 PM	0	1	0	1	0	1	1	0	4
6:15 PM	0	0	0	0	1	1	0	3	5
6:30 PM	3	0	0	0	1	0	0	0	4
6:45 PM	0	1	0	0	0	0	0	0	1
<b>TOTAL VOLUMES :</b>	EB 20	WB 24	EB 0	WB 1	NB 10	SB 8	NB 5	SB 10	TOTAL 78
<b>APPROACH %'s :</b>	45.45%	54.55%	0.00%	100.00%	55.56%	44.44%	33.33%	66.67%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM								TOTAL
<b>PEAK HR VOL :</b>	3	8	0	0	3	3	2	3	22
<b>PEAK HR FACTOR :</b>	0.917				0.500		0.417		0.688

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenmont Cir & Glenmont Cir/Universal Hardwood & Painting Dwy  
 City: Silver Spring  
 Control: 2-Way Stop(EB/WB)

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Total

NS/EW Streets:	Glenmont Cir			Glenmont Cir			Glenmont Cir/Universal Hardwood & Painting Dwy			Glenmont Cir/Universal Hardwood & Painting Dwy			
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
6:30 AM	0	10	0	1	2	0	1	1	0	0	0	11	26
6:45 AM	0	5	0	1	1	0	0	3	1	1	0	9	21
7:00 AM	0	13	1	1	3	0	0	1	3	1	0	7	30
7:15 AM	0	7	0	4	5	0	0	5	4	1	0	15	41
7:30 AM	0	13	1	5	2	0	2	2	1	0	0	14	40
7:45 AM	0	9	0	1	4	0	2	3	2	1	0	6	28
8:00 AM	0	9	1	2	4	0	4	1	1	1	0	6	29
8:15 AM	0	6	0	3	5	0	2	2	0	0	0	9	27
8:30 AM	0	16	3	3	8	0	7	1	4	1	0	5	48
8:45 AM	0	3	1	10	10	0	2	2	2	2	0	9	41
9:00 AM	0	6	0	7	8	0	5	2	2	0	0	6	36
9:15 AM	0	7	1	1	5	0	2	1	2	1	0	5	25
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	0	104	8	39	57	0	27	24	22	9	0	102	392
	0.00%	92.86%	7.14%	40.63%	59.38%	0.00%	36.99%	32.88%	30.14%	8.11%	0.00%	91.89%	
<b>PEAK HR :</b>	08:15 AM - 09:15 AM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	31	4	23	31	0	16	7	8	3	0	29	152
<b>PEAK HR FACTOR :</b>	0.000	0.484	0.333	0.575	0.775	0.000	0.571	0.875	0.500	0.375	0.000	0.806	0.792
		0.461		0.675	0.675		0.646	0.646		0.727	0.727		

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
4:00 PM	0	5	2	8	4	0	2	5	3	2	0	7	38
4:15 PM	0	9	2	4	7	0	6	5	6	1	0	8	48
4:30 PM	0	7	2	4	3	0	4	8	1	0	0	9	38
4:45 PM	0	10	2	3	9	0	6	7	5	0	0	6	48
5:00 PM	0	7	1	13	6	0	3	10	2	1	0	10	53
5:15 PM	0	8	1	5	6	0	3	3	2	0	0	11	39
5:30 PM	0	10	1	8	7	0	8	6	5	0	0	8	53
5:45 PM	0	15	1	4	5	0	3	7	2	0	0	9	46
6:00 PM	0	9	0	5	7	0	4	6	4	1	0	9	45
6:15 PM	0	7	0	5	6	0	4	7	4	0	0	12	45
6:30 PM	0	12	1	8	4	0	4	5	5	2	0	11	52
6:45 PM	0	11	1	1	6	0	4	6	3	0	0	9	41
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	0	110	14	68	70	0	51	75	42	7	0	109	546
	0.00%	88.71%	11.29%	49.28%	50.72%	0.00%	30.36%	44.64%	25.00%	6.03%	0.00%	93.97%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	0	35	5	29	28	0	20	26	14	1	0	35	193
<b>PEAK HR FACTOR :</b>	0.000	0.875	0.625	0.558	0.778	0.000	0.625	0.650	0.700	0.250	0.000	0.795	0.910
		0.833		0.750	0.750		0.789	0.789		0.818	0.818		

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenmont Cir & Glenmont Cir/Universal Hardwood & Painting Dwy  
 City: Silver Spring  
 Control: 2-Way Stop(EB/WB)

Project ID: 22-280035-  
 Date: 10/4/2022

## Data - Bikes

NS/EW Streets:	Glenmont Cir			Glenmont Cir			Glenmont Cir/Universal Hardwood & Painting Dwy			Glenmont Cir/Universal Hardwood & Painting Dwy				
AM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	0 NL	1 NT	0 NR	0 SL	1 ST	0 SR	0 EL	1 ET	0 ER	0 WL	1 WT	0 WR		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL VOLUMES :</b>	0	0	0	0	0	0	0	0	0	0	0	0	<b>TOTAL</b>	0
<b>APPROACH %'s :</b>														
<b>PEAK HR :</b>	08:15 AM - 09:15 AM												<b>TOTAL</b>	0
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0

PM	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL	
	0 NL	1 NT	0 NR	0 SL	1 ST	0 SR	0 EL	1 ET	0 ER	0 WL	1 WT	0 WR		
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1	
6:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	2	
<b>TOTAL VOLUMES :</b>	0	2	0	0	1	0	0	0	0	0	0	0	<b>TOTAL</b>	3
<b>APPROACH %'s :</b>	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%								
<b>PEAK HR :</b>	04:45 PM - 05:45 PM												<b>TOTAL</b>	0
<b>PEAK HR VOL :</b>	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>PEAK HR FACTOR :</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0

# National Data & Surveying Services Intersection Turning Movement Count

Location: Glenmont Cir & Glenmont Cir/Universal Hardwood & Painting Dwy  
 City: Silver Spring

Project ID: 22-280035-103  
 Date: 10/4/2022

## Data - Pedestrians (Crosswalks)

NS/EW Streets:	Glenmont Cir		Glenmont Cir		Glenmont Cir/Universal Hardwood & Painting Dwy		Glenmont Cir/Universal Hardwood & Painting Dwy				TOTAL
	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		SCRAMBLE (NE/SW)		
AM	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB	
6:30 AM	0	0	0	0	4	0	0	0	0	0	4
6:45 AM	0	0	0	0	3	0	0	0	0	0	3
7:00 AM	0	0	0	0	1	1	0	0	0	0	2
7:15 AM	0	0	0	0	6	0	0	0	0	1	7
7:30 AM	0	0	0	0	2	0	0	0	0	1	3
7:45 AM	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	2	1	0	0	0	0	3
8:15 AM	0	0	0	0	3	1	0	0	0	0	4
8:30 AM	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	1	1	0	0	0	0	2
9:00 AM	0	0	0	0	0	2	0	0	0	0	2
9:15 AM	0	0	0	1	1	0	0	1	0	1	4
<b>TOTAL VOLUMES :</b>	0	0	0	1	23	6	0	1	0	3	34
<b>APPROACH %'s :</b>			0.00%	100.00%	79.31%	20.69%	0.00%	100.00%	0.00%	100.00%	
<b>PEAK HR :</b>	08:15 AM - 09:15 AM										
<b>PEAK HR VOL :</b>	0	0	0	0	4	4	0	0	0	0	8
<b>PEAK HR FACTOR :</b>					0.333	0.500					0.500

NS/EW Streets:	Glenmont Cir		Glenmont Cir		Glenmont Cir/Universal Hardwood & Painting Dwy		Glenmont Cir/Universal Hardwood & Painting Dwy				TOTAL
	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		SCRAMBLE (NE/SW)		
PM	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB	
4:00 PM	0	0	0	0	6	0	0	0	0	0	6
4:15 PM	0	0	0	1	2	3	0	0	0	0	6
4:30 PM	0	0	1	0	4	3	0	0	0	0	8
4:45 PM	0	0	0	0	9	2	0	2	0	0	13
5:00 PM	0	0	0	0	5	6	0	0	0	0	11
5:15 PM	0	0	0	0	3	6	0	0	0	0	9
5:30 PM	0	0	0	0	1	5	0	0	0	0	6
5:45 PM	0	0	0	0	3	2	0	0	0	0	5
6:00 PM	0	0	0	0	2	5	0	0	0	0	7
6:15 PM	0	0	0	0	2	3	0	0	0	2	7
6:30 PM	0	0	0	0	2	1	0	0	0	0	3
6:45 PM	0	0	0	0	1	3	0	0	0	0	4
<b>TOTAL VOLUMES :</b>	0	0	1	1	40	39	0	2	0	2	85
<b>APPROACH %'s :</b>			50.00%	50.00%	50.63%	49.37%	0.00%	100.00%	0.00%	100.00%	
<b>PEAK HR :</b>	04:45 PM - 05:45 PM										
<b>PEAK HR VOL :</b>	0	0	0	0	18	19	0	2	0	0	39
<b>PEAK HR FACTOR :</b>					0.500	0.792		0.250			0.750