

APPENDIX B

Multimodal Counts

Contents:

- *Map of Corridor & Key Study Intersections*
- *Average Daily Traffic Volumes*
- *Average Daily Traffic Speeds*
- *Peak Hour Vehicle Volumes Stick Figures*
 - *Existing, Future 2025, & Future 2045*
- *Peak Hour Pedestrian & Bike Volume Stick Figures*
 - *Existing, Future 2025, & Future 2045*
- *Intersection Multimodal Counts (Raw Data)*

Margate City - Atlantic Avenue



Project: *Margate City Road Diet*
Location: *Atlantic Avenue Near Cedar Grove Avenue (West)*
Direction: *Eastbound*

Work Order: *0116U158*
ADT Site Code: *#1*
Compiled By/Reviewed By: *EMC/DSK*

Start Time	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Avg Daily (7-Day)	Avg Wkdy (Tue-Thu)	Avg Friday	Avg Saturday	Avg Sunday
			07/01/2020	07/02/2020	07/03/2020	07/04/2020	07/05/2020	07/06/2020											
12:00 AM				17	33	36	46	37							34	17		36	
01:00				12	22	18	17	13							16	12		18	
02:00				5	16	9	8	3							8	5		9	
03:00				6	10	5	7	4							6	6		5	
04:00				13	7	11	3	3							7	13		11	
05:00				40	30	19	6	13							22	40		19	
06:00				94	99	54	31	57							67	94		54	
07:00				156	181	135	74	124							134	156		135	
08:00				241	260	198	125	192							203	241		198	
09:00				262	331	252	231	252							266	262		252	
10:00				289	322	326	300								309	289		326	
11:00				285	318	310	281								299	285		310	
12:00 PM				302	309	342	295								312	302		342	
01:00				272	302	309	280								291	272		309	
02:00				265	282	267	272								272	265		267	
03:00				234	273	276	274								264	234		276	
04:00			191	254	263	237	207								230	223		237	
05:00			203	288	295	262	215								253	246		262	
06:00			179	251	290	315	277								262	215		315	
07:00			155	248	294	260	212								234	202		260	
08:00			154	214	223	235	192								204	184		235	
09:00			101	167	184	196	152								160	134		196	
10:00			82	129	149	154	91								121	106		154	
11:00			47	89	90	81	55								72	68		81	
Day Total	0	0	1,112	4,133	4,583	4,307	3,651	698	0	0	0	0	0	0	4,046	3,869		4,307	

87

% Avg Daily	0%	0%	27%	102%	113%	106%	90%	17%	8100%	0%	0%	0%	0%	0%	100%	96%	0%	106%	0%
% Avg WkDay	0%	0%	29%	107%	118%	111%	94%	18%	7100%	0%	0%	0%	0%	0%	105%	100%	0%	111%	0%
AM Peak Volume	0	0	0	262	331	252	231	252	149	0	0	0	0	0	266	262	0	252	0
MID Peak Volume	0	0	0	302	322	342	300	0	364	0	0	0	0	0	312	302	0	342	0
PM Peak Volume	0	0	203	288	295	315	277	0	738	0	0	0	0	0	264	246	0	315	0

Avg Wkdy
ADT: 3,869

AADT
Adjust: 0.910

AADT: 3,521

NOTES: 2019 July AADT Adjustment Factor for NJDOT Region 4 Functional Classification 4 Urban Minor Arterials

Project: *Margate City Road Diet*Location: *Atlantic Avenue Near Cedar Grove Avenue (West)*Direction: *Westbound*Work Order: *0116U158*ADT Site Code: *#1*Compiled By/Reviewed By: *EMC/DSK*

Start Time	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Avg Daily (7-Day)	Avg Wkdy (Tue-Thu)	Avg Friday	Avg Saturday	Avg Sunday
			07/01/2020	07/02/2020	07/03/2020	07/04/2020	07/05/2020	07/06/2020											
12:00 AM				20	41	42	70	28							40	20		42	
01:00				16	16	25	33	15							21	16		25	
02:00				18	16	11	24	6							15	18		11	
03:00				12	11	10	8	4							9	12		10	
04:00				9	11	10	13	10							11	9		10	
05:00				15	20	21	27	15							20	15		21	
06:00				88	59	48	36	56							57	88		48	
07:00				142	112	82	77	138							110	142		82	
08:00				201	211	156	129	202							180	201		156	
09:00				264	268	203	157	223							223	264		203	
10:00				252	289	219	206								242	252		219	
11:00				278	302	272	230								271	278		272	
12:00 PM				293	284	267	253								274	293		267	
01:00				288	238	283	252								265	288		283	
02:00				242	267	251	263								256	242		251	
03:00			150	257	234	242	218								220	204		242	
04:00			171	262	257	211	164								213	217		211	
05:00			182	281	265	238	212								236	232		238	
06:00			183	241	243	226	202								219	212		226	
07:00			138	202	224	183	199								189	170		183	
08:00			121	177	193	195	140								165	149		195	
09:00			97	138	135	157	118								129	118		157	
10:00			64	104	134	148	81								106	84		148	
11:00			27	57	96	100	58								68	42		100	
Day Total	0	0	1,133	3,857	3,926	3,600	3,170	697	0	0	0	0	0	0	3,538	3,564	0	3,600	0

% Avg Daily	0%	0%	32%	109%	111%	102%	90%	20%	0%	0%	0%	0%	0%	0%	100%	101%	0%	102%	0%
% Avg WkDay	0%	0%	32%	108%	110%	101%	89%	20%	0%	0%	0%	0%	0%	0%	99%	100%	0%	101%	0%
AM Peak Volume	0	0	0	264	268	203	157	223	0	0	0	0	0	0	223	264	0	203	0
MID Peak Volume	0	0	0	293	302	283	263	0	0	0	0	0	0	0	274	293	0	283	0
PM Peak Volume	0	0	183	281	265	242	218	0	0	0	0	0	0	0	236	232	0	242	0

Avg Wkdy ADT: 3,564

AADT Adjust: 0.910

AADT: 3,243

NOTES: 2019 July AADT Adjustment Factor for NJDOT Region 4 Functional Classification 4 Urban Minor Arterials

Project: *Margate City Road Diet*Work Order: *0116U158*Location: *Atlantic Avenue Near Cedar Grove Avenue (West)*ADT Site Code: *#1*Direction: *Combined (EB & WB)*Compiled By/Reviewed By: *EMC/DSK*

Start Time	Average Daily (7-Day)				Average Weekday (Tue-Thur)				Average Friday				Average Saturday				Average Sunday			
	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist
12:00 AM	34	40	74	46%	17	20	37	46%					36	42	78	46%				
01:00	16	21	37	44%	12	16	28	43%					18	25	43	42%				
02:00	8	15	23	35%	5	18	23	22%					9	11	20	45%				
03:00	6	9	15	42%	6	12	18	33%					5	10	15	33%				
04:00	7	11	18	41%	13	9	22	59%					11	10	21	52%				
05:00	22	20	41	52%	40	15	55	73%					19	21	40	48%				
06:00	67	57	124	54%	94	88	182	52%					54	48	102	53%				
07:00	134	110	244	55%	156	142	298	52%					135	82	217	62%				
08:00	203	180	383	53%	241	201	442	55%					198	156	354	56%				
09:00	266	223	489	54%	262	264	526	50%					252	203	455	55%				
10:00	309	242	551	56%	289	252	541	53%					326	219	545	60%				
11:00	299	271	569	52%	285	278	563	51%					310	272	582	53%				
12:00 PM	312	274	586	53%	302	293	595	51%					342	267	609	56%				
01:00	291	265	556	52%	272	288	560	49%					309	283	592	52%				
02:00	272	256	527	51%	265	242	507	52%					267	251	518	52%				
03:00	264	220	484	55%	234	204	438	53%					276	242	518	53%				
04:00	230	213	443	52%	223	217	439	51%					237	211	448	53%				
05:00	253	236	488	52%	246	232	477	51%					262	238	500	52%				
06:00	262	219	481	55%	215	212	427	50%					315	226	541	58%				
07:00	234	189	423	55%	202	170	372	54%					260	183	443	59%				
08:00	204	165	369	55%	184	149	333	55%					235	195	430	55%				
09:00	160	129	289	55%	134	118	252	53%					196	157	353	56%				
10:00	121	106	227	53%	106	84	190	56%					154	148	302	51%				
11:00	72	68	140	52%	68	42	110	62%					81	100	181	45%				
Day Total	4,046	3,538	7,584	53%	3,869	3,564	7,433	52%					4,307	3,600	7,907	54%				
% Avg Daily	100%	100%	100%	-	96%	101%	98%	-					106%	102%	104%	-				
% Avg WkDay	105%	99%	102%	-	100%	100%	100%	-					111%	101%	106%	-				
AM Peak Volume	266	223	489	-	262	264	526	-					252	203	455	-				
MD Peak Volume	312	274	586	-	302	293	595	-					342	283	609	-				
PM Peak Volume	264	236	488	-	246	232	477	-					315	242	541	-				

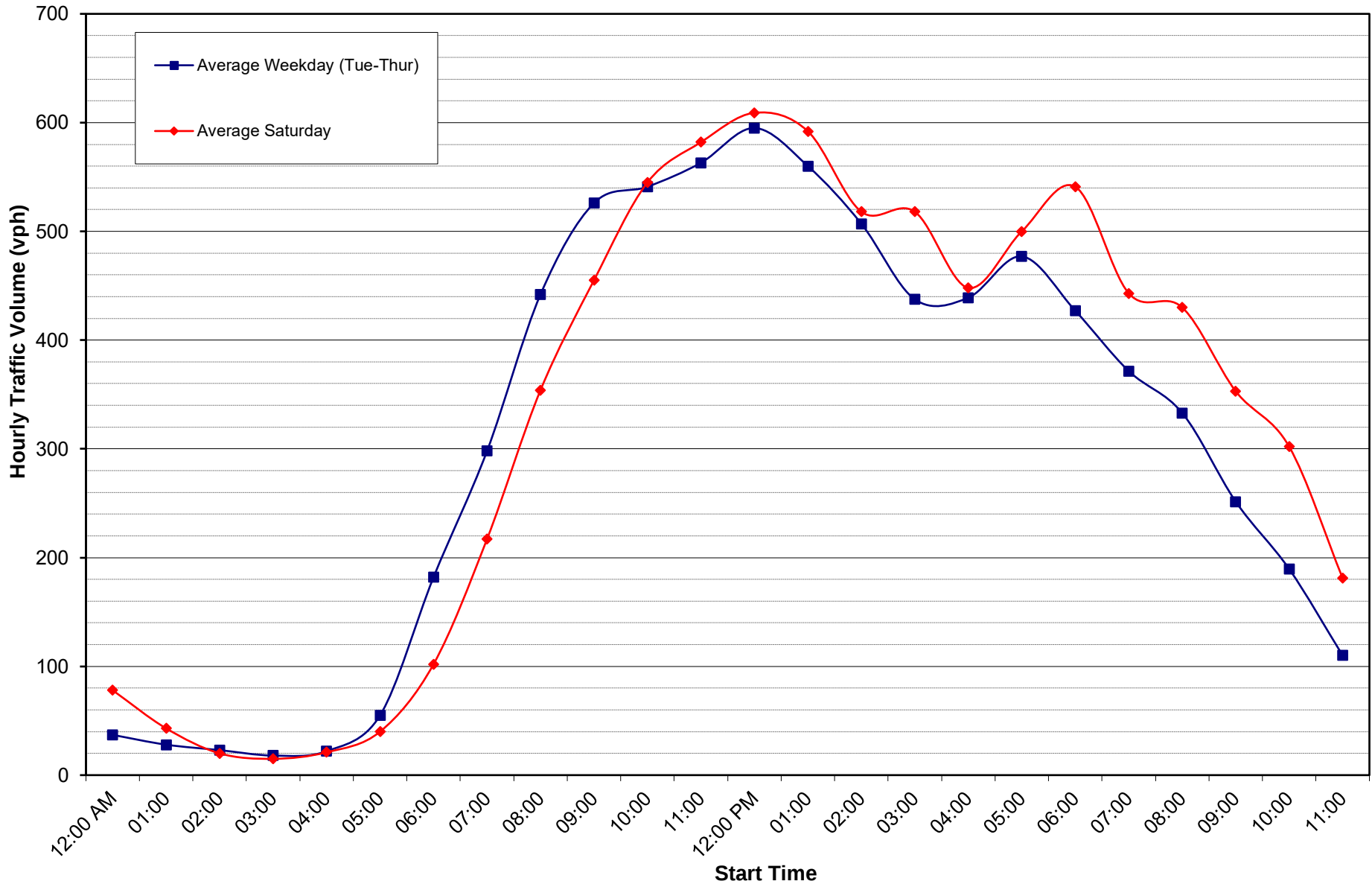
Avg Wkdy ADT: 7,433

AADT Adjust: 0.910

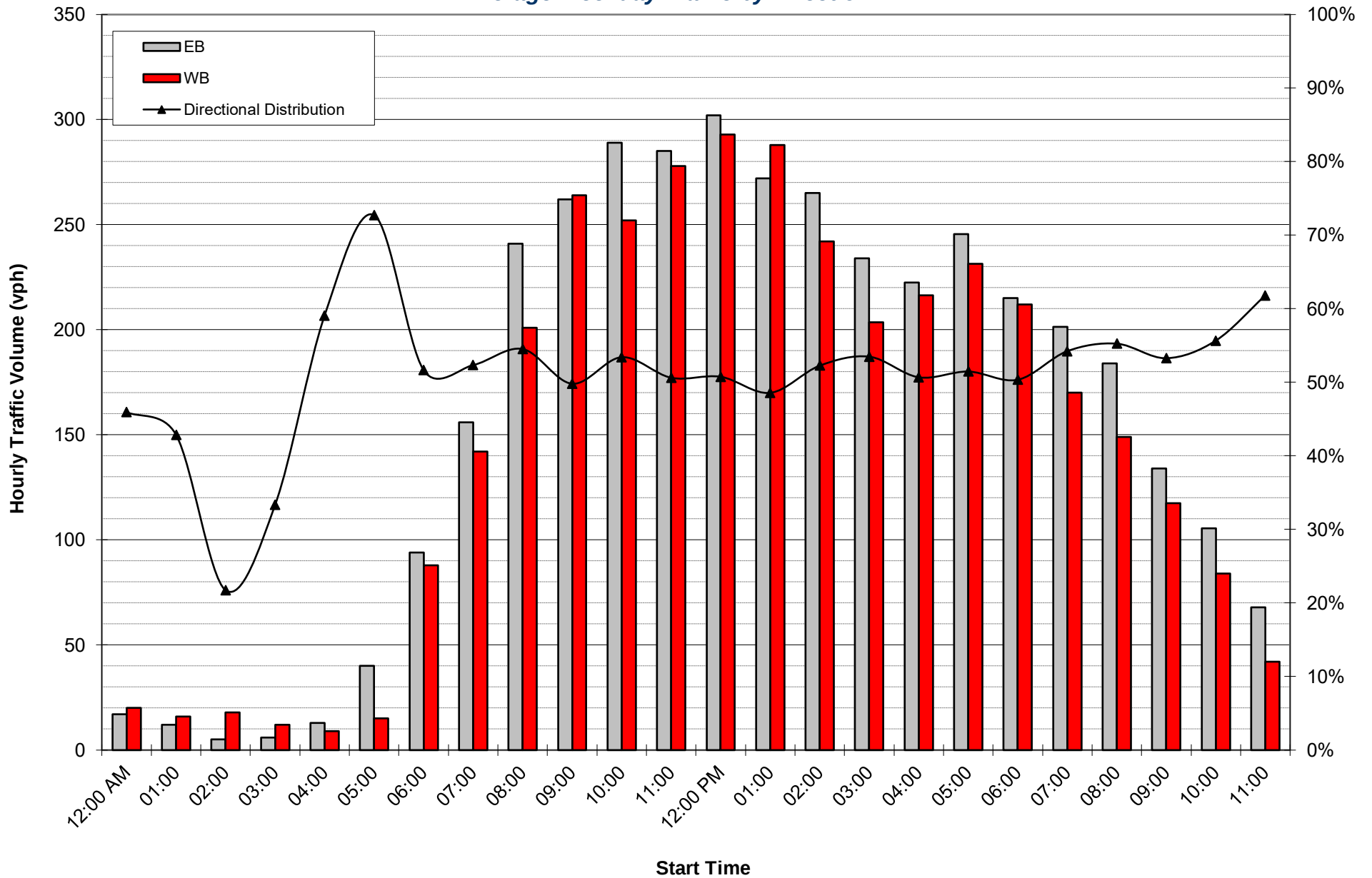
AADT: 6,764

NOTES: 2019 July AADT Adjustment Factor for NJDOT Region 4 Functional Classification 4 Urban Minor Arterials

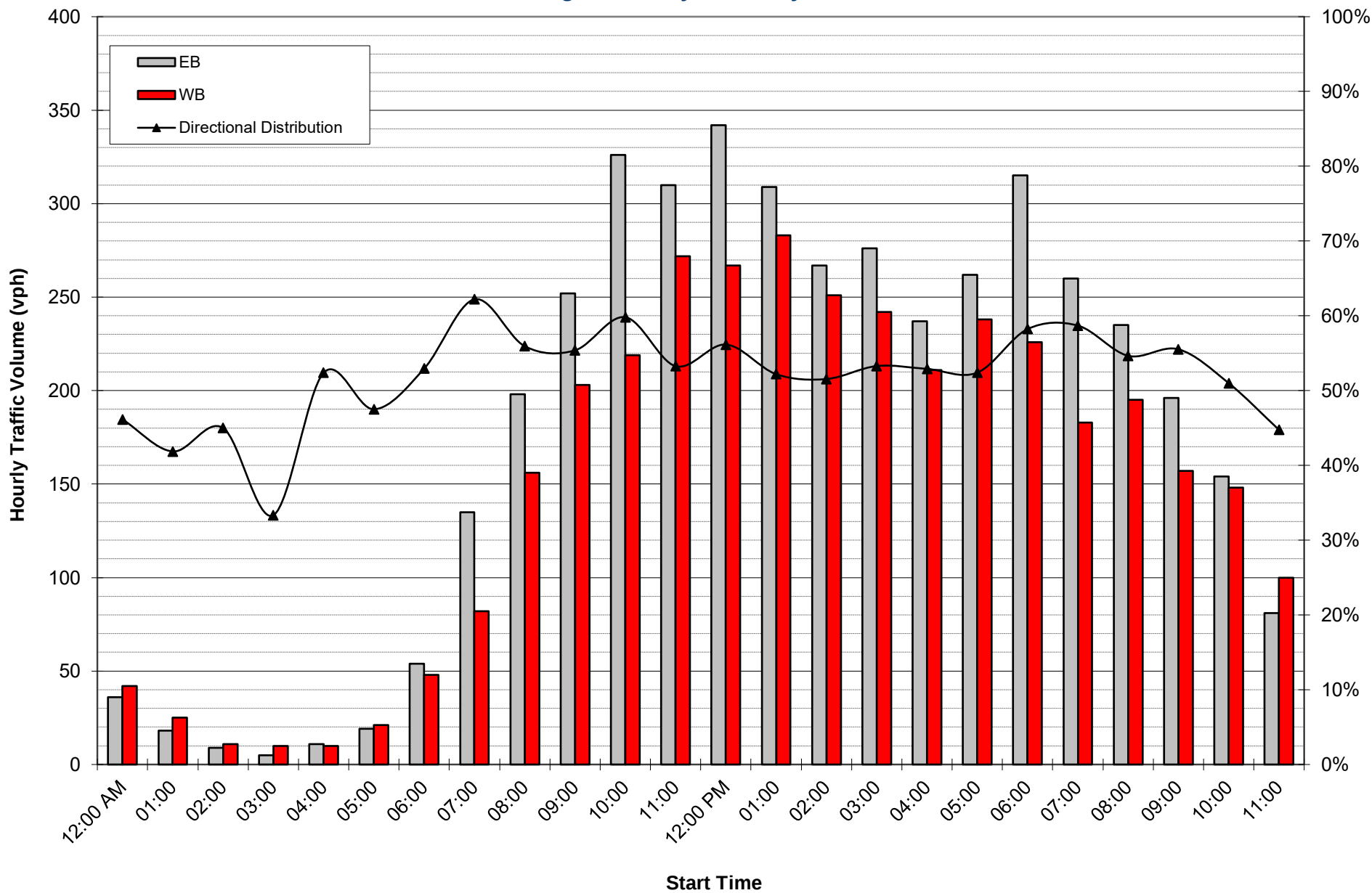
ADT Summary #1
Atlantic Ave (West) near Cedar Grove Ave
Two-Way Hourly Volumes by Day



ADT Summary #1
Atlantic Ave (West) near Cedar Grove Ave
Average Weekday Traffic by Direction



ADT Summary #1
Atlantic Ave (West) near Cedar Grove Ave
Average Saturday Traffic by Direction



Project: *Margate City Road Diet*
Location: *Atlantic Avenue Near Huntington Ave (East)*
Direction: *Eastbound*

Work Order: *0116U158*
ADT Site Code: *#2*
Compiled By/Reviewed By: *EMC/DSK*

Start Time	Mon 07/06/2020	Tue 07/07/2020	Wed 07/08/2020	Thu 07/09/2020	Fri 07/10/2020	Sat 07/11/2020	Sun 07/12/2020	Mon 07/13/2020	Tue 07/14/2020	Wed 07/15/2020	Thu 07/16/2020	Fri 07/17/2020	Sat 07/18/2020	Sun 07/19/2020	Avg Daily (7-Day)	Avg Wkdy (Tue-Thu)	Avg Friday	Avg Saturday	Avg Sunday
12:00 AM		8	5	13	15	3					7	10	28	70	18	8		16	
01:00		3	6	3	3	13					3	2	13	38	9	4		13	
02:00		1	2	5	2	57					2	1	7	12	10	3		32	
03:00		0	1	4	2	124					0	0	5	6	16	1		65	
04:00		1	2	2	0	192					3	3	2	2	23	2		97	
05:00		11	12	13	3	252					6	10	15	11	37	11		134	
06:00		42	42	48	17						26	39	32	41	36	40		32	
07:00		76	84	63	27						80	66	79	96	71	76		79	
08:00		124	145	126	46						114	158	129	145	123	127		129	
09:00		187	159	164	60						122	129	207	187	152	158		207	
10:00		206	207	188	217						132	166	250	233	200	183		250	
11:00		213	222	197	274					180	172	209	274	228	219	197		274	
12:00 PM	235	234	245	212	207					187	193	254	243	177	219	214		243	
01:00	267	231	254	227	215					205	198	226	216	202	224	223		216	
02:00	233	222	239	200	277					188	156	259	127	206	211	201		127	
03:00	227	216	171	239	212					167	193	225	185	197	203	197		185	
04:00	173	213	198	211	192					185	196	223	187	173	195	201		187	
05:00	63	229	213	240	152					182	216	207	210	231	194	216		210	
06:00	47	231	205	219	91					197	199	191	220	225	183	210		220	
07:00	53	198	204	192	55					151	181	167	258	196	166	185		258	
08:00	19	123	174	142	37					139	153	145	247	167	135	146		247	
09:00	27	54	108	95	13					80	96	104	202	123	90	87		202	
10:00	18	48	54	55	3					49	58	67	178	107	64	53		178	
11:00	13	17	23	27	4					24	25	52	125	75	39	23		125	
Day Total	1,375	2,888	2,975	2,885	2,124	641	0	0	0	1,934	2,531	2,913	3,439	3,148	2,835	2,765		3,725	

87

% Avg Daily	49%	102%	105%	102%	75%	23%	0%	0%	8100%	68%	89%	103%	121%	111%	100%	98%	0%	131%	0%
% Avg WkDay	50%	104%	108%	104%	77%	23%	0%	0%	7100%	70%	92%	105%	124%	114%	103%	100%	0%	135%	0%
AM Peak Volume	0	187	159	164	60	252	0	0	149	0	122	158	207	187	152	158	0	207	0
MID Peak Volume	267	234	254	227	277	0	0	0	364	205	198	259	274	233	224	223	0	274	0
PM Peak Volume	227	231	213	240	212	0	0	0	738	197	216	225	258	231	203	216	0	258	0

Avg Wkdy
ADT: 2,765

AADT
Adjust: 0.910

AADT: 2,516

NOTES: 2019 July AADT Adjustment Factor for NJDOT Region 4 Functional Classification 4 Urban Minor Arterials

Project: *Margate City Road Diet*
Location: *Atlantic Avenue Near Huntington Ave (East)*
Direction: *Westbound*

Work Order: *0116U158*
ADT Site Code: *#2*
Compiled By/Reviewed By: *EMC/DSK*

Start Time	Mon 07/06/2020	Tue 07/07/2020	Wed 07/08/2020	Thu 07/09/2020	Fri 07/10/2020	Sat 07/11/2020	Sun 07/12/2020	Mon 07/13/2020	Tue #####	Wed 07/15/2020	Thu 07/16/2020	Fri 07/17/2020	Sat 07/18/2020	Sun 07/19/2020	Avg Daily (7-Day)	Avg Wkdy (Tue-Thu)	Avg Friday	Avg Saturday	Avg Sunday
12:00 AM		22	38								7	9	31	73	30	22		31	
01:00		11	10								3	2	13	36	13	8		13	
02:00		5	6								2	1	7	12	6	4		7	
03:00		3	7								0	0	5	6	4	3		5	
04:00		4	9								3	3	2	3	4	5		2	
05:00		7	8								6	13	15	11	10	7		15	
06:00		15	10								26	40	32	46	28	17		32	
07:00		37	36								81	141	102	101	83	51		102	
08:00		103	123								116	176	137	124	130	114		137	
09:00		171	171								126	184	247	197	183	156		247	
10:00		197	196								207	249	243	169	210	200		243	
11:00		206	171							200	226	194	207	151	194	201		207	
12:00 PM	193	192	205							198	169	214	192	184	193	191		192	
01:00	196	228	252							204	221	256	168	166	211	226		168	
02:00	186	188	201							194	162	199	160	166	182	186		160	
03:00	188	187	200							175	205	157	157	170	180	192		157	
04:00	231	180	184							187	168	158	195	145	181	180		195	
05:00	144	222	200							177	203	210	160	171	186	201		160	
06:00	48	144	175							168	172	179	156	122	146	165		156	
07:00	76	162	153							127	193	167	145	142	146	159		145	
08:00	94	125								160	172	144	146	114	136	152		146	
09:00	59	95								100	81	116	105	90	92	92		105	
10:00	39	86								48	57	64	69	76	63	64		69	
11:00	36	51								19	23	50	87	75	49	31		87	
Day Total	1,490	2,641	2,355	0	0	0	0	0	0	1,957	2,629	2,926	2,781	2,550	2,658	2,627	0	2,781	0

% Avg Daily	56%	99%	89%	0%	0%	0%	0%	0%	0%	74%	99%	110%	105%	96%	100%	99%	0%	105%	0%
% Avg WkDay	57%	101%	90%	0%	0%	0%	0%	0%	0%	74%	100%	111%	106%	97%	101%	100%	0%	106%	0%
AM Peak Volume	0	171	171	0	0	0	0	0	0	0	126	184	247	197	183	156	0	247	0
MID Peak Volume	196	228	252	0	0	0	0	0	0	204	226	256	243	184	211	226	0	243	0
PM Peak Volume	231	222	200	0	0	0	0	0	0	187	205	210	195	171	186	201	0	195	0

Avg Wkdy ADT:	2,627	AADT Adjust:	0.910	AADT:	2,391	NOTES: 2019 July AADT Adjustment Factor for NJDOT Region 4 Functional Classification 4 Urban Minor Arterials
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Project: *Margate City Road Diet*
Location: *Atlantic Avenue Near Huntington Ave (East)*
Direction: *Combined (EB & WB)*

Work Order: *0116U158*
ADT Site Code: *#2*
Compiled By/Reviewed By: *EMC/DSK*

Start Time	Average Daily (7-Day)				Average Weekday (Tue-Thur)				Average Friday				Average Saturday				Average Sunday			
	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist	EB	WB	Total	Dir Dist
12:00 AM	18	30	48	37%	8	22	31	27%					16	31	47	33%				
01:00	9	13	22	43%	4	8	12	32%					13	13	26	50%				
02:00	10	6	15	64%	3	4	7	37%					32	7	39	82%				
03:00	16	4	19	82%	1	3	5	27%					65	5	70	93%				
04:00	23	4	27	85%	2	5	7	27%					97	2	99	98%				
05:00	37	10	47	79%	11	7	18	60%					134	15	149	90%				
06:00	36	28	64	56%	40	17	57	70%					32	32	64	50%				
07:00	71	83	154	46%	76	51	127	60%					79	102	181	44%				
08:00	123	130	253	49%	127	114	241	53%					129	137	266	48%				
09:00	152	183	335	45%	158	156	314	50%					207	247	454	46%				
10:00	200	210	410	49%	183	200	383	48%					250	243	493	51%				
11:00	219	194	412	53%	197	201	398	50%					274	207	481	57%				
12:00 PM	219	193	412	53%	214	191	405	53%					243	192	435	56%				
01:00	224	211	435	51%	223	226	449	50%					216	168	384	56%				
02:00	211	182	393	54%	201	186	387	52%					127	160	287	44%				
03:00	203	180	383	53%	197	192	389	51%					185	157	342	54%				
04:00	195	181	376	52%	201	180	380	53%					187	195	382	49%				
05:00	194	186	380	51%	216	201	417	52%					210	160	370	57%				
06:00	183	146	328	56%	210	165	375	56%					220	156	376	59%				
07:00	166	146	311	53%	185	159	344	54%					258	145	403	64%				
08:00	135	136	271	50%	146	152	299	49%					247	146	393	63%				
09:00	90	92	182	49%	87	92	179	48%					202	105	307	66%				
10:00	64	63	126	50%	53	64	116	45%					178	69	247	72%				
11:00	39	49	87	44%	23	31	54	43%					125	87	212	59%				
Day Total	2,835	2,658	5,493	52%	2,765	2,627	5,392	51%					3,725	2,781	6,506	57%				
% Avg Daily	100%	100%	100%	-	98%	99%	98%	-					131%	105%	118%	-				
% Avg WkDay	103%	101%	102%	-	100%	100%	100%	-					135%	106%	121%	-				
AM Peak Volume	152	183	335	-	158	156	314	-					207	247	454	-				
MD Peak Volume	224	211	435	-	223	226	449	-					274	243	493	-				
PM Peak Volume	203	186	383	-	216	201	417	-					258	195	403	-				

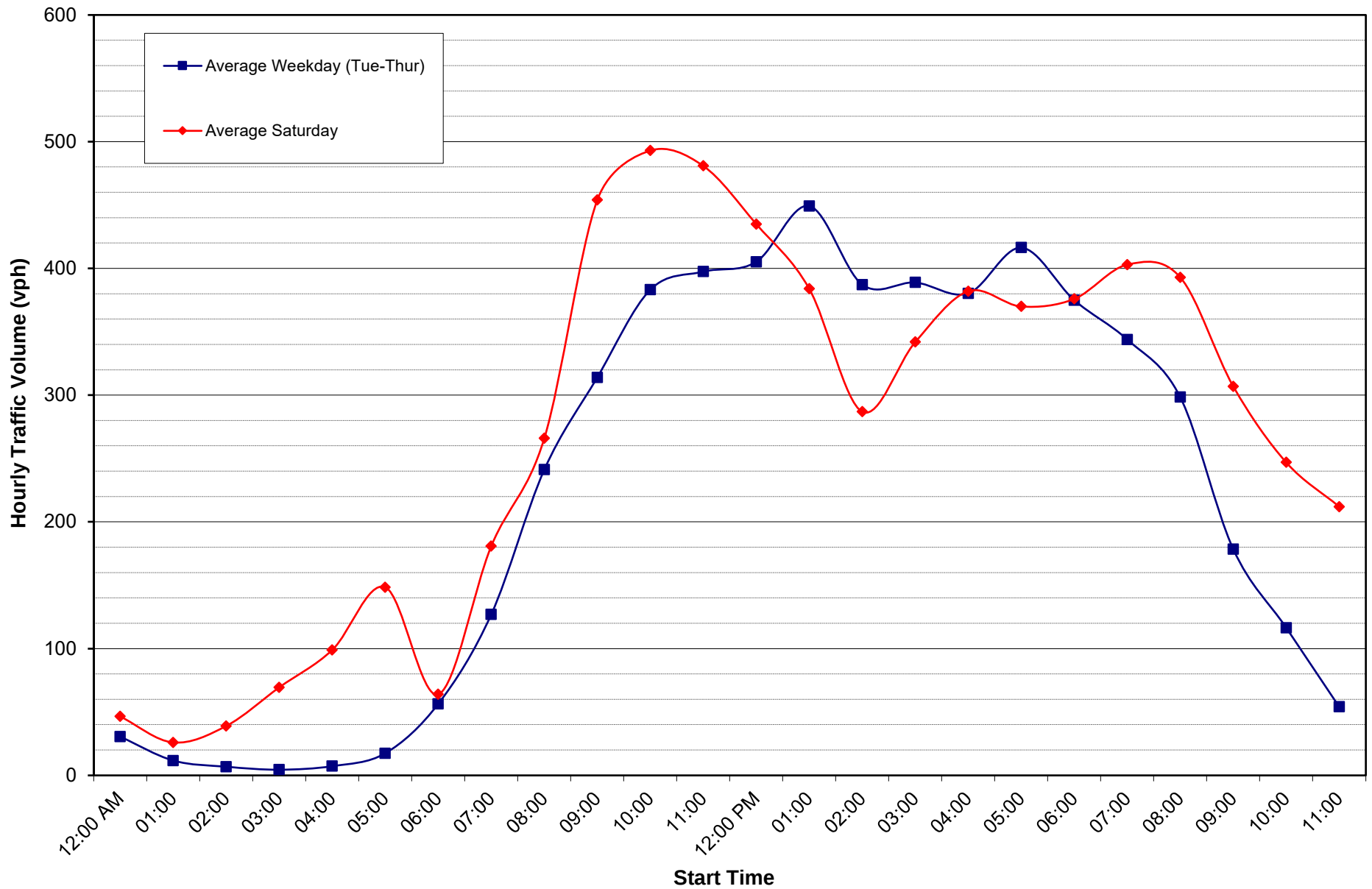
Avg Wkdy ADT: 5,392

AADT Adjust: 0.910

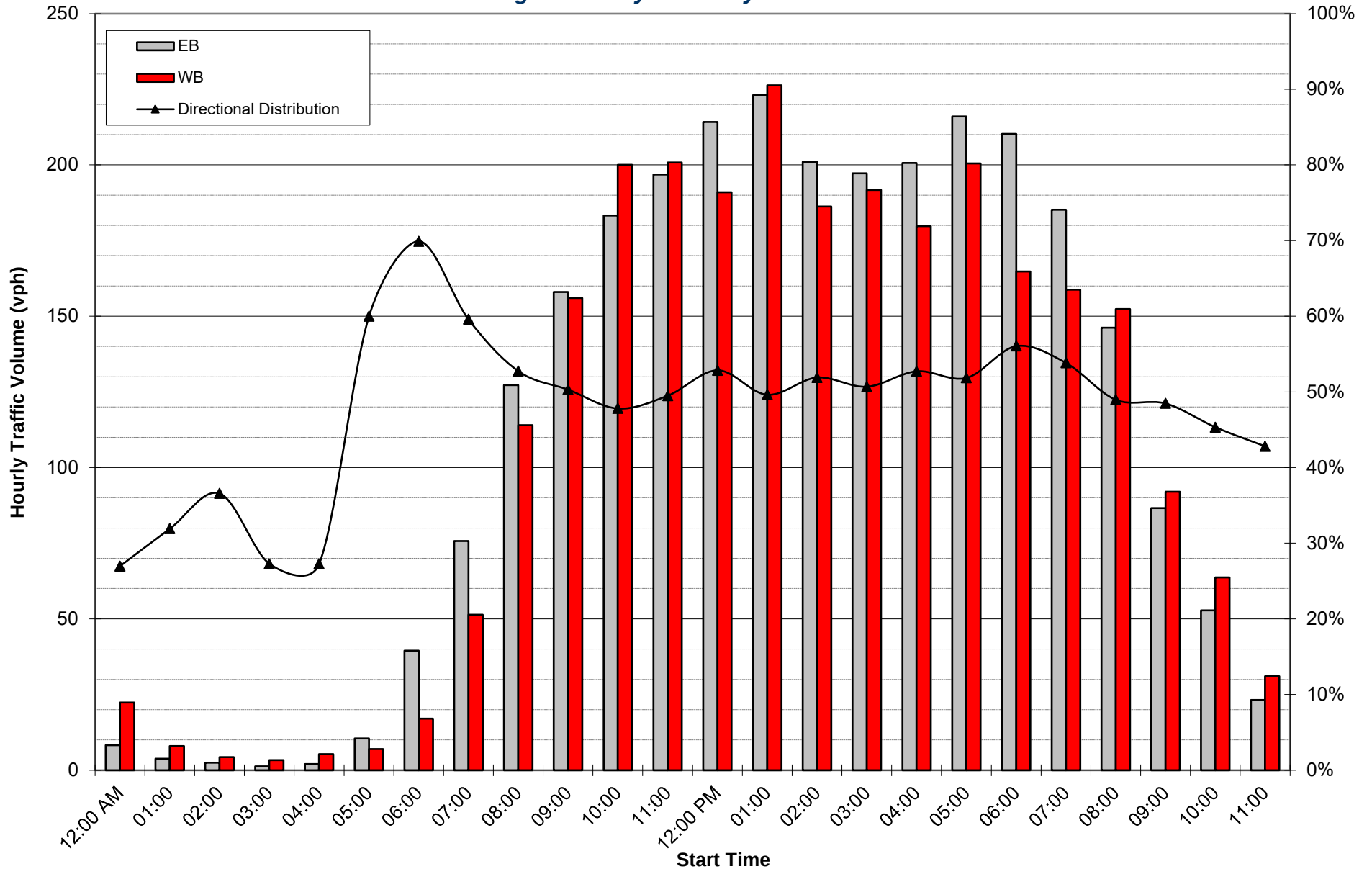
AADT: 4,907

NOTES: 2019 July AADT Adjustment Factor for NJDOT Region 4 Functional Classification 4 Urban Minor Arterials

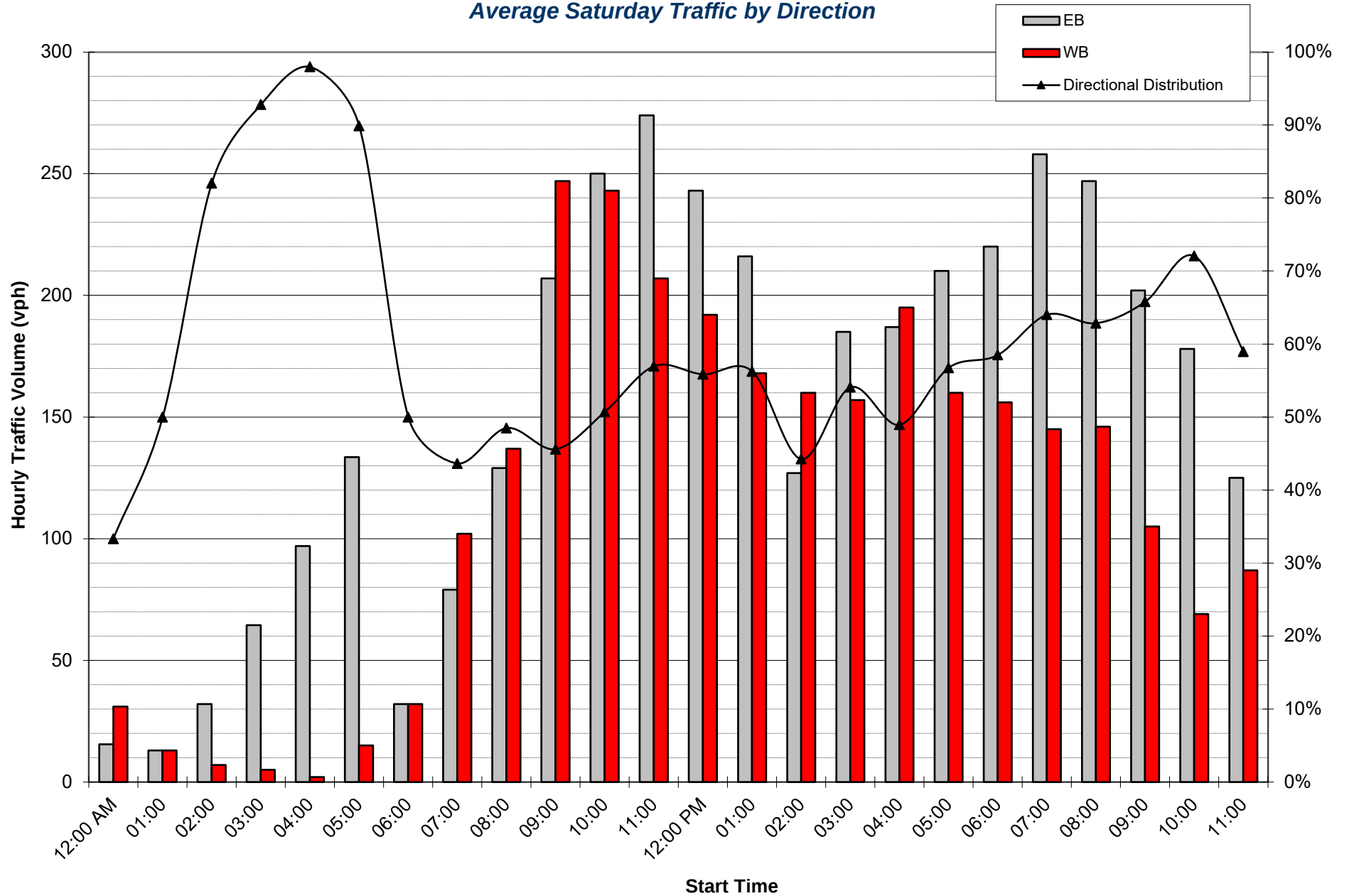
ADT Summary #2
Atlantic Ave (West) near Huntington Ave
Two-Way Hourly Volumes by Day



ADT Summary #2
Atlantic Ave (West) near Huntington Ave
Average Weekday Traffic by Direction



ADT Summary #2
Atlantic Ave (West) near Huntington Ave
Average Saturday Traffic by Direction



SPEED STUDY

Date:	07/01/2020 to 07/05/2020
Time:	Weekday (9 am to 4 pm)
Observer(s):	RVE
Hwy Designation:	Urban Minor Arterial
County:	Atlantic
Location:	Atlantic Avenue
	near
	Cedar Grove Avenue
Direction of Travel:	Eastbound
Posted Speed:	25 mph
Weather:	Sunny 90s
Pav't Conditions:	Dry
Speed Detection Device Used:	Black Cat Radar
Unit ID:	N/A
Comments:	

SPEED (mph)	# OF OBSERVATIONS	
	Vehicles	TOTAL
0	0	0
1	0	0
2	0	0
3	0	0
4	2	2
5	2	2
6	2	2
7	3	3
8	5	5
9	5	5
10	8	8
11	8	8
12	28	28
13	56	56
14	57	57
15	80	80
16	16	16
17	17	17
18	23	23
19	16	16
20	17	17
21	90	90
22	99	99
23	86	86
24	104	104
25	95	95
26	134	134
27	100	100
28	99	99
29	168	168
30	167	167
31	106	106
32	107	107
33	53	53
34	54	54
35	36	36
36	26	26
37	19	19
38	7	7
39	6	6
40	6	6
41	0	0
42	1	1
43	2	2
44	0	0
45	0	0
46	0	0
47	0	0
48	0	0
49	0	0
50	0	0
51	0	0
Total Vehicles:		1910
		1910

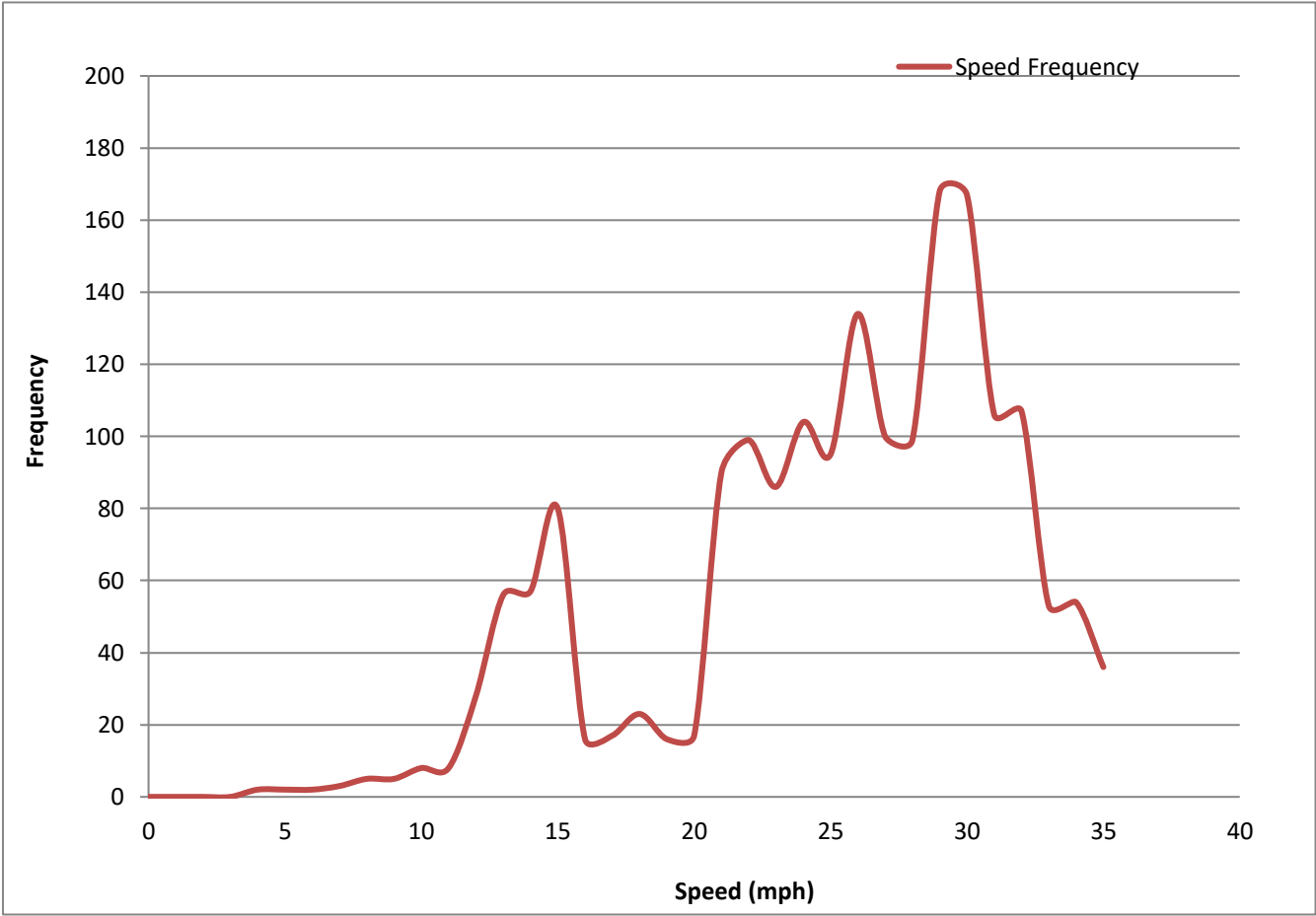
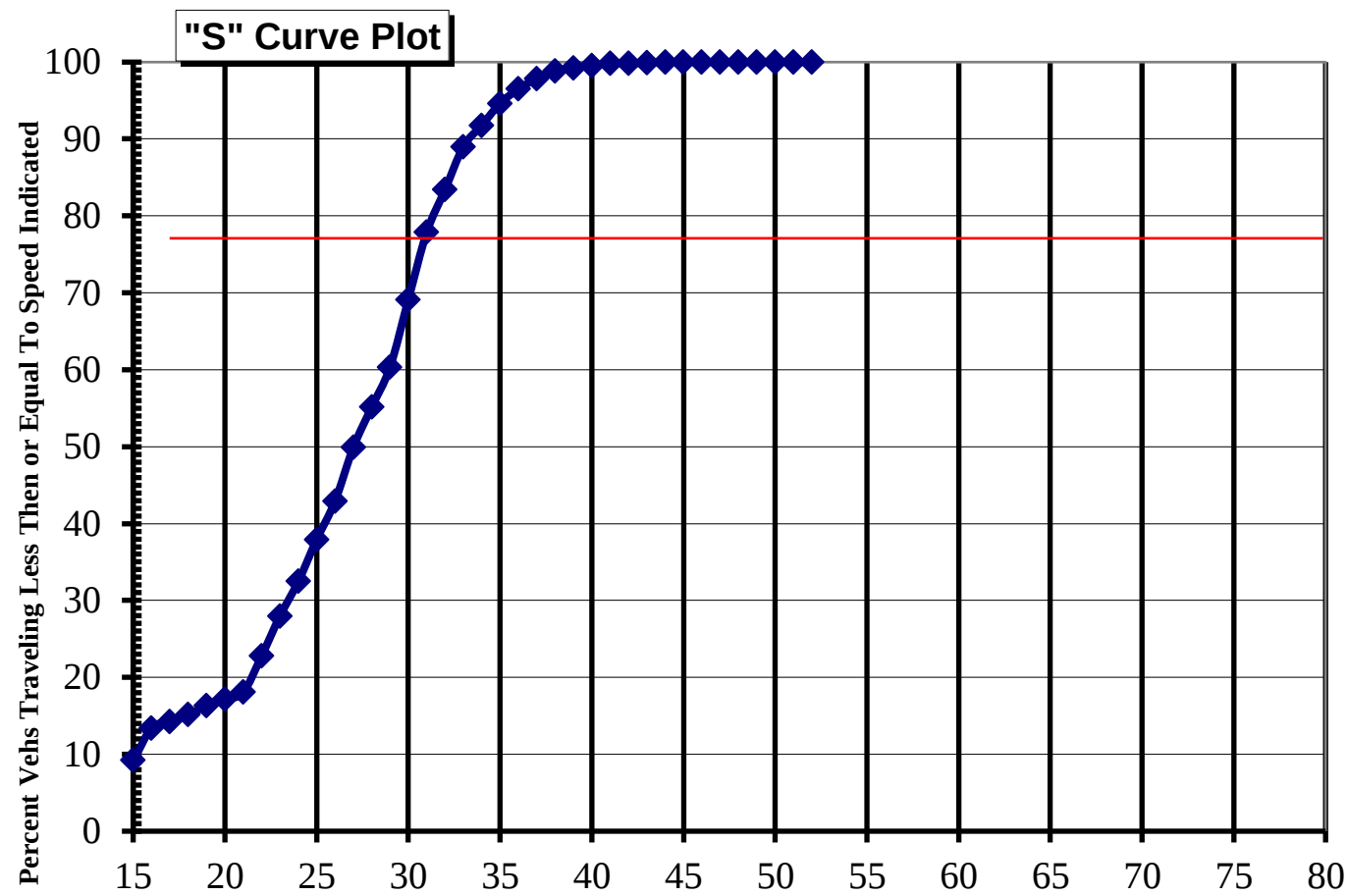
Date:	07/01/2020 to 07/05/2020	Hwy:	Urban Minor Arterial	Direction:	Eastbound	SUMMARY OF VEHICLES BY TYPE: All Vehicles = 100.0% Trucks = 0.0% Buses = 0.0%
Time:	Weekday (9 am to 4 pm)	Location:	Atlantic Avenue	Posted Speed:	25 mph	
Observer(s):	RVE		near	Weather:	Sunny 90s	
			Cedar Grove Avenue	Pav't Condition:	Dry	
		County:	Atlantic			

SPEED RANGE	No. VEHICLES (f)	Speed * #	CUMM No. VEHICLES	CUMM %
0	0	0	0	0.0
1	0	0	0	0.0
2	0	0	0	0.0
3	0	0	0	0.0
4	2	8	2	0.1
5	2	10	4	0.2
6	2	12	6	0.3
7	3	21	9	0.5
8	5	40	14	0.7
9	5	45	19	1.0
10	8	80	27	1.4
11	8	88	35	1.8
12	28	336	63	3.3
13	56	728	119	6.2
14	57	798	176	9.2
15	80	1200	256	13.4
16	16	256	272	14.2
17	17	289	289	15.1
18	23	414	312	16.3
19	16	304	328	17.2
20	17	340	345	18.1
21	90	1890	435	22.8
22	99	2178	534	28.0
23	86	1978	620	32.5
24	104	2496	724	37.9
25	95	2375	819	42.9
26	134	3484	953	49.9
27	100	2700	1053	55.1
28	99	2772	1152	60.3
29	168	4872	1320	69.1
30	167	5010	1487	77.9
31	106	3286	1593	83.4
32	107	3424	1700	89.0
33	53	1749	1753	91.8
34	54	1836	1807	94.6
35	36	1260	1843	96.5
36	26	936	1869	97.9
37	19	703	1888	98.8
38	7	266	1895	99.2
39	6	234	1901	99.5
40	6	240	1907	99.8
41	0	0	1907	99.8
42	1	42	1908	99.9
43	2	86	1910	100.0
44	0	0	1910	100.0
45	0	0	1910	100.0
46	0	0	1910	100.0
47	0	0	1910	100.0
48	0	0	1910	100.0
49	0	0	1910	100.0
50	0	0	1910	100.0
51	0	0	1910	100.0
Totals	1910			

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
25.5	26.0	31.3	23.0 to 32.0

% In Pace = 61.0%
% Over Pace = 11.0%
% Under Pace = 28.0%



SPEED STUDY

Date:	07/01/2020 to 07/05/2020
Time:	Weekday (9 am to 4 pm)
Observer(s):	RVE
Hwy Designation:	Urban Minor Arterial
County:	Atlantic
Location:	Atlantic Avenue near Cedar Grove Avenue
Direction of Travel:	Westbound
Posted Speed:	25 mph
Weather:	Sunny 90s
Pav't Conditions:	Dry
Speed Detection Device Used:	Black Cat Radar
Unit ID:	N/A
Comments:	

SPEED (mph)	# OF OBSERVATIONS	
	Vehicles	TOTAL
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	1	1
9	1	1
10	1	1
11	2	2
12	4	4
13	8	8
14	8	8
15	13	13
16	17	17
17	18	18
18	24	24
19	18	18
20	18	18
21	97	97
22	108	108
23	92	92
24	113	113
25	102	102
26	155	155
27	116	116
28	116	116
29	194	194
30	193	193
31	90	90
32	92	92
33	46	46
34	45	45
35	30	30
36	21	21
37	16	16
38	6	6
39	5	5
40	5	5
41	0	0
42	1	1
43	2	2
44	0	0
45	0	0
46	0	0
47	0	0
48	0	0
49	0	0
50	0	0
51	0	0
Total Vehicles:	1778	1778

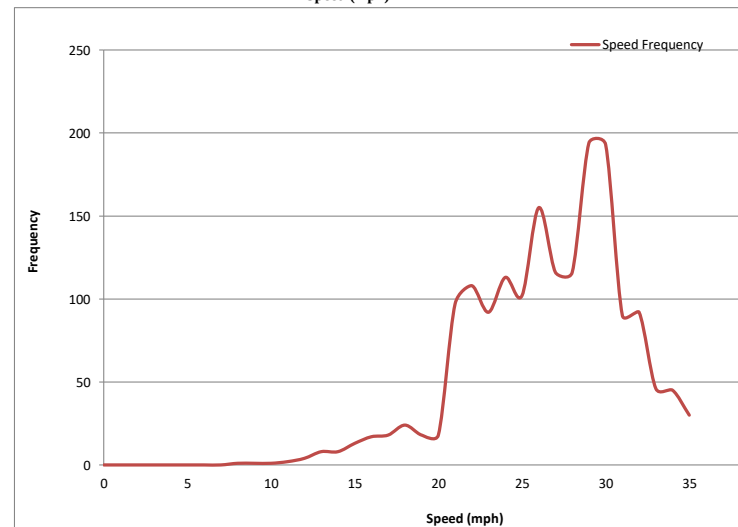
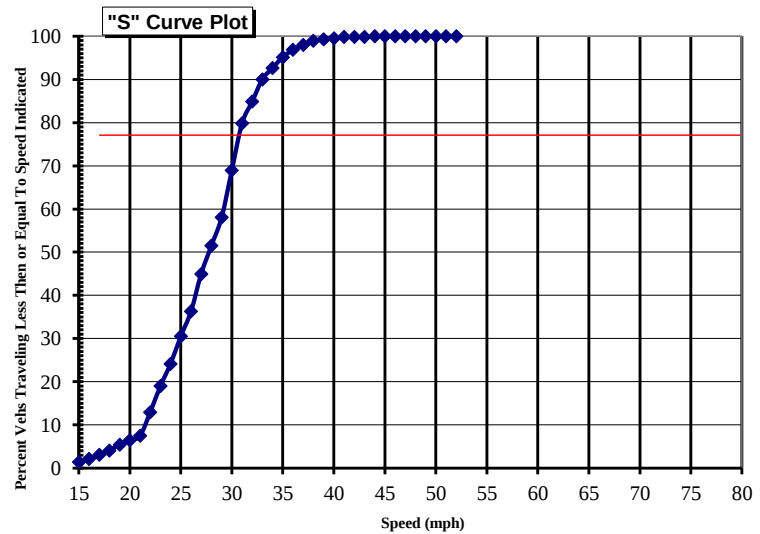
Date:	07/01/2020 to 07/05/2020	Hwy:	Urban Minor Arterial	Direction:	Westbound	SUMMARY OF VEHICLES BY TYPE:	
Time:	Weekday (9 am to 4 pm)	Location:	Atlantic Avenue	Posted Speed:	25 mph		
Observer(s):	RVE		near	Weather:	Sunny 90s		
			Cedar Grove Avenue	Pav't Condition:	Dry		
		County:	Atlantic			All Vehicles =	100.0%
						Trucks =	0.0%
						Buses =	0.0%

SPEED RANGE	No. VEHICLES (f)	Speed * #	CUMM No. VEHICLES	CUMM %
0	0	0	0	0.0
1	0	0	0	0.0
2	0	0	0	0.0
3	0	0	0	0.0
4	0	0	0	0.0
5	0	0	0	0.0
6	0	0	0	0.0
7	0	0	0	0.0
8	1	8	1	0.1
9	1	9	2	0.1
10	1	10	3	0.2
11	2	22	5	0.3
12	4	48	9	0.5
13	8	104	17	1.0
14	8	112	25	1.4
15	13	195	38	2.1
16	17	272	55	3.1
17	18	306	73	4.1
18	24	432	97	5.5
19	18	342	115	6.5
20	18	360	133	7.5
21	97	2037	230	12.9
22	108	2376	338	19.0
23	92	2116	430	24.2
24	113	2712	543	30.5
25	102	2550	645	36.3
26	155	4030	800	45.0
27	116	3132	916	51.5
28	116	3248	1032	58.0
29	194	5626	1226	69.0
30	193	5790	1419	79.8
31	90	2790	1509	84.9
32	92	2944	1601	90.0
33	46	1518	1647	92.6
34	45	1530	1692	95.2
35	30	1050	1722	96.9
36	21	756	1743	98.0
37	16	592	1759	98.9
38	6	228	1765	99.3
39	5	195	1770	99.6
40	5	200	1775	99.8
41	0	0	1775	99.8
42	1	42	1776	99.9
43	2	86	1778	100.0
44	0	0	1778	100.0
45	0	0	1778	100.0
46	0	0	1778	100.0
47	0	0	1778	100.0
48	0	0	1778	100.0
49	0	0	1778	100.0
50	0	0	1778	100.0
51	0	0	1778	100.0
Totals			1778	

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
26.9	26.8	31.0	21.0 to 30.0

% In Pace = 72.3%
 % Over Pace = 20.2%
 % Under Pace = 7.5%



SPOT-SPEED FIELD STUDY

Date:	07/01/2020 to 07/05/2020
Time:	Weekday (9 am to 4 pm)
Observer(s):	RVE
Hwy Designation:	Urban Minor Arterial
County:	Atlantic
Location:	Atlantic Avenue
	near
	Huntington Avenue
Direction of Travel:	Eastbound
Posted Speed:	25 mph
Weather:	Sunny 90s
Pav't Conditions:	Dry
Speed Detection Device Used:	Black Cat Radar
Unit ID:	N/A
Comments:	

SPEED (mph)	# OF OBSERVATIONS	
	Vehicles	TOTAL
0	0	0
1	0	0
2	0	0
3	0	0
4	1	1
5	2	2
6	3	3
7	2	2
8	4	4
9	4	4
10	5	5
11	6	6
12	20	20
13	40	40
14	41	41
15	55	55
16	11	11
17	11	11
18	11	11
19	11	11
20	13	13
21	47	47
22	48	48
23	48	48
24	47	47
25	49	49
26	86	86
27	65	65
28	65	65
29	108	108
30	108	108
31	63	63
32	64	64
33	32	32
34	31	31
35	21	21
36	17	17
37	13	13
38	4	4
39	4	4
40	4	4
41	0	0
42	0	0
43	0	0
44	2	2
45	0	0
46	0	0
47	0	0
48	0	0
49	0	0
50	0	0
51	0	0
Total Vehicles:		1166
		1166

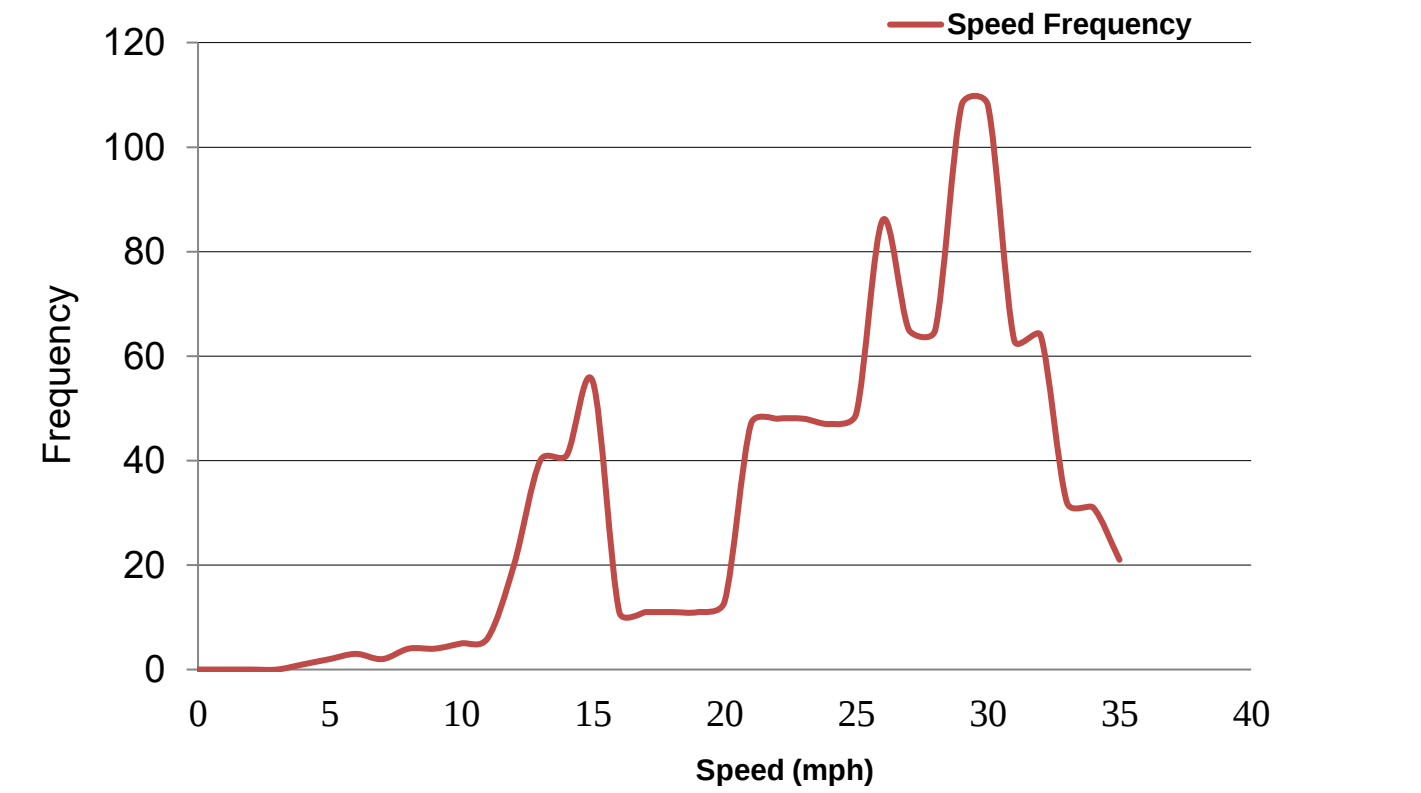
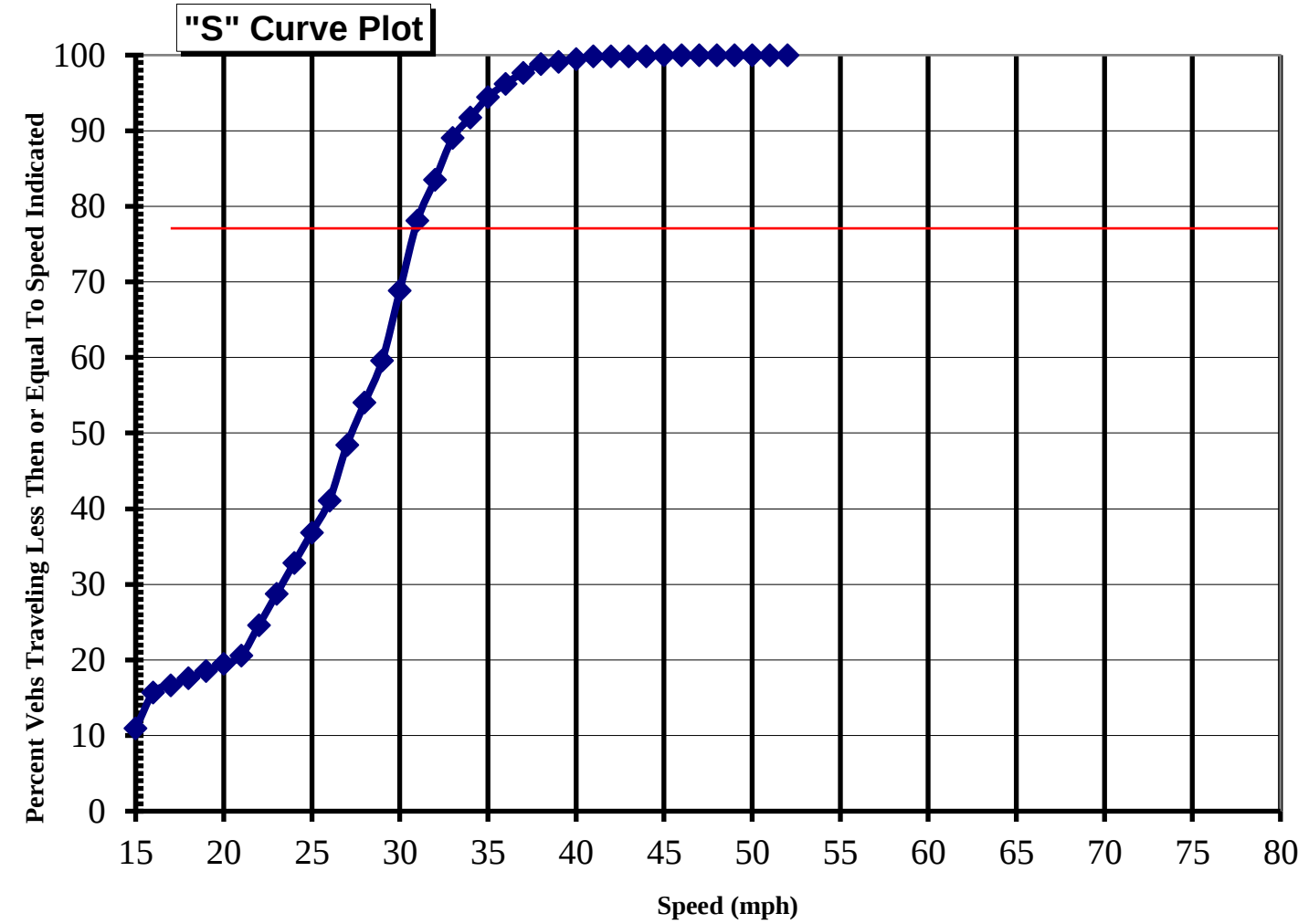
Date:	07/01/2020 to 07/05/2020	Hwy:	Urban Minor Arterial	Direction:	Eastbound	SUMMARY OF VEHICLES BY TYPE: All Vehicles = 100.0% Trucks = 0.0% Buses = 0.0%
Time:	Weekday (9 am to 4 pm)	Location:	Atlantic Avenue	Posted Speed:	25 mph	
Observer(s):	RVE		near	Weather:	Sunny 90s	
			Huntington Avenue	Pav't Condition:	Dry	
		County:	Atlantic			

SPEED RANGE	No. VEHICLES (f)	Speed * #	CUMM No. VEHICLES	CUMM %
0	0	0	0	0.0
1	0	0	0	0.0
2	0	0	0	0.0
3	0	0	0	0.0
4	1	4	1	0.1
5	2	10	3	0.3
6	3	18	6	0.5
7	2	14	8	0.7
8	4	32	12	1.0
9	4	36	16	1.4
10	5	50	21	1.8
11	6	66	27	2.3
12	20	240	47	4.0
13	40	520	87	7.5
14	41	574	128	11.0
15	55	825	183	15.7
16	11	176	194	16.6
17	11	187	205	17.6
18	11	198	216	18.5
19	11	209	227	19.5
20	13	260	240	20.6
21	47	987	287	24.6
22	48	1056	335	28.7
23	48	1104	383	32.8
24	47	1128	430	36.9
25	49	1225	479	41.1
26	86	2236	565	48.5
27	65	1755	630	54.0
28	65	1820	695	59.6
29	108	3132	803	68.9
30	108	3240	911	78.1
31	63	1953	974	83.5
32	64	2048	1038	89.0
33	32	1056	1070	91.8
34	31	1054	1101	94.4
35	21	735	1122	96.2
36	17	612	1139	97.7
37	13	481	1152	98.8
38	4	152	1156	99.1
39	4	156	1160	99.5
40	4	160	1164	99.8
41	0	0	1164	99.8
42	0	0	1164	99.8
43	0	0	1164	99.8
44	2	88	1166	100.0
45	0	0	1166	100.0
46	0	0	1166	100.0
47	0	0	1166	100.0
48	0	0	1166	100.0
49	0	0	1166	100.0
50	0	0	1166	100.0
51	0	0	1166	100.0
Totals	1166			

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
25.4	26.3	31.3	23.0 to 32.0

% In Pace = 60.3%
% Over Pace = 11.0%
% Under Pace = 28.7%



SPOT-SPEED FIELD STUDY

Date:	07/01/2020 to 07/05/2020
Time:	Weekday (9 am to 4 pm)
Observer(s):	RVE
Hwy Designation:	Urban Minor Arterial
County:	Atlantic
Location:	Atlantic Avenue
	near
	Huntington Avenue
Direction of Travel:	Westbound
Posted Speed:	25 mph
Weather:	Sunny 90s
Pav't Conditions:	Dry
Speed Detection Device Used:	Black Cat Radar
Unit ID:	N/A
Comments:	

SPEED (mph)	# OF OBSERVATIONS	
	Vehicles	TOTAL
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	1	1
12	2	2
13	3	3
14	2	2
15	3	3
16	7	7
17	6	6
18	9	9
19	5	5
20	7	7
21	90	90
22	98	98
23	84	84
24	103	103
25	93	93
26	112	112
27	83	83
28	85	85
29	140	140
30	139	139
31	76	76
32	76	76
33	38	38
34	38	38
35	25	25
36	15	15
37	11	11
38	4	4
39	3	3
40	4	4
41	1	1
42	2	2
43	3	3
44	0	0
45	1	1
46	0	0
47	0	0
48	0	0
49	0	0
50	0	0
51	0	0
Total Vehicles:		1369
		1369

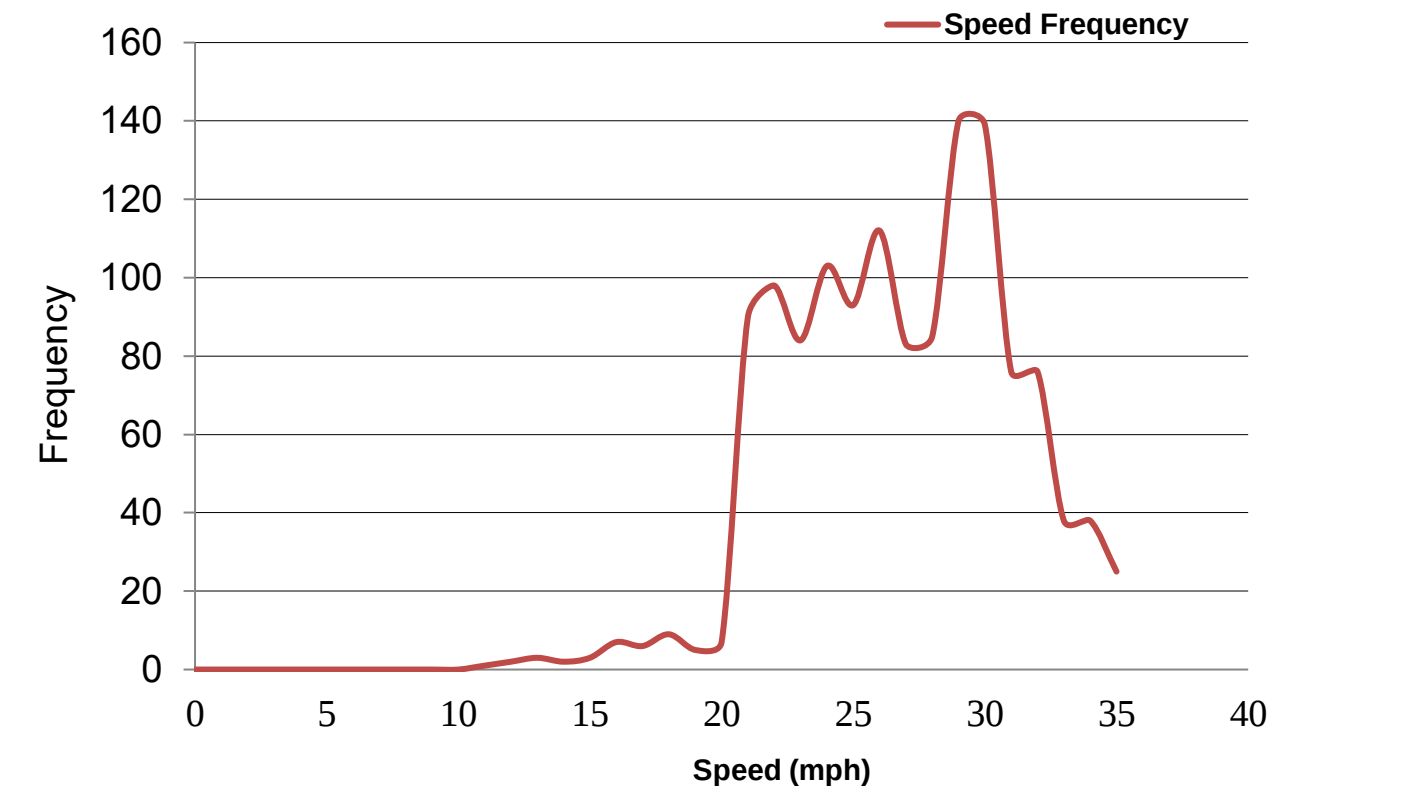
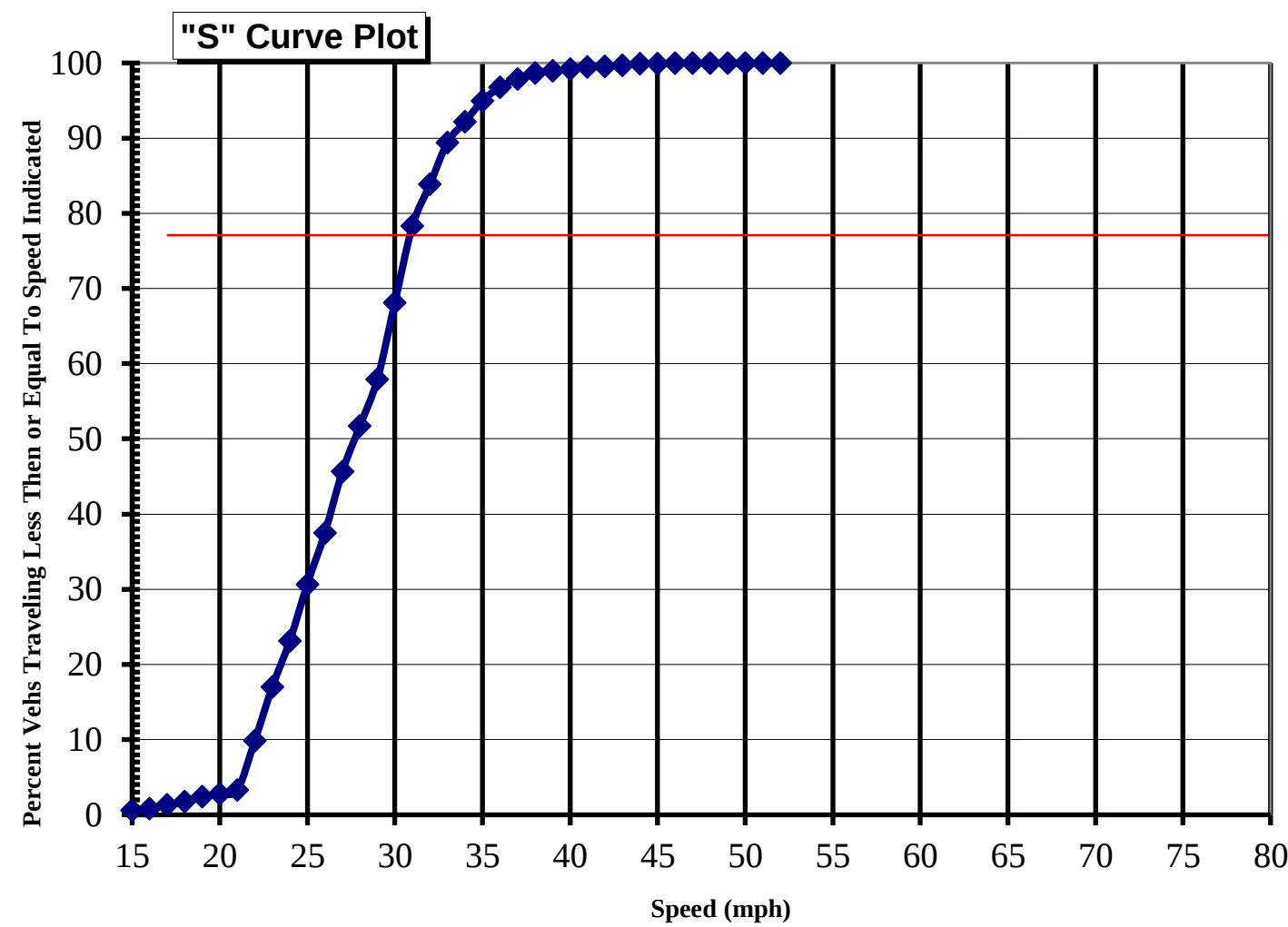
Date:	07/01/2020 to 07/05/2020	Hwy:	Urban Minor Arterial	Direction:	Westbound	SUMMARY OF VEHICLES BY TYPE: All Vehicles = 100.0% Trucks = 0.0% Buses = 0.0%
Time:	Weekday (9 am to 4 pm)	Location:	Atlantic Avenue	Posted Speed:	25 mph	
Observer(s):	RVE		near	Weather:	Sunny 90s	
			Huntington Avenue	Pav't Condition:	Dry	
		County:	Atlantic			

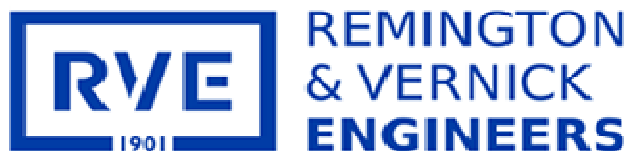
SPEED RANGE	No. VEHICLES (f)	Speed * #	CUMM No. VEHICLES	CUMM %
0	0	0	0	0.0
1	0	0	0	0.0
2	0	0	0	0.0
3	0	0	0	0.0
4	0	0	0	0.0
5	0	0	0	0.0
6	0	0	0	0.0
7	0	0	0	0.0
8	0	0	0	0.0
9	0	0	0	0.0
10	0	0	0	0.0
11	1	11	1	0.1
12	2	24	3	0.2
13	3	39	6	0.4
14	2	28	8	0.6
15	3	45	11	0.8
16	7	112	18	1.3
17	6	102	24	1.8
18	9	162	33	2.4
19	5	95	38	2.8
20	7	140	45	3.3
21	90	1890	135	9.9
22	98	2156	233	17.0
23	84	1932	317	23.2
24	103	2472	420	30.7
25	93	2325	513	37.5
26	112	2912	625	45.7
27	83	2241	708	51.7
28	85	2380	793	57.9
29	140	4060	933	68.2
30	139	4170	1072	78.3
31	76	2356	1148	83.9
32	76	2432	1224	89.4
33	38	1254	1262	92.2
34	38	1292	1300	95.0
35	25	875	1325	96.8
36	15	540	1340	97.9
37	11	407	1351	98.7
38	4	152	1355	99.0
39	3	117	1358	99.2
40	4	160	1362	99.5
41	1	41	1363	99.6
42	2	84	1365	99.7
43	3	129	1368	99.9
44	0	0	1368	99.9
45	1	45	1369	100.0
46	0	0	1369	100.0
47	0	0	1369	100.0
48	0	0	1369	100.0
49	0	0	1369	100.0
50	0	0	1369	100.0
51	0	0	1369	100.0
Totals	1369			

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
27.2	26.7	31.2	21.0 to 30.0

% In Pace = 75.0%
% Over Pace = 21.7%
% Under Pace = 3.3%





**REMINGTON
& VERNICK
ENGINEERS**

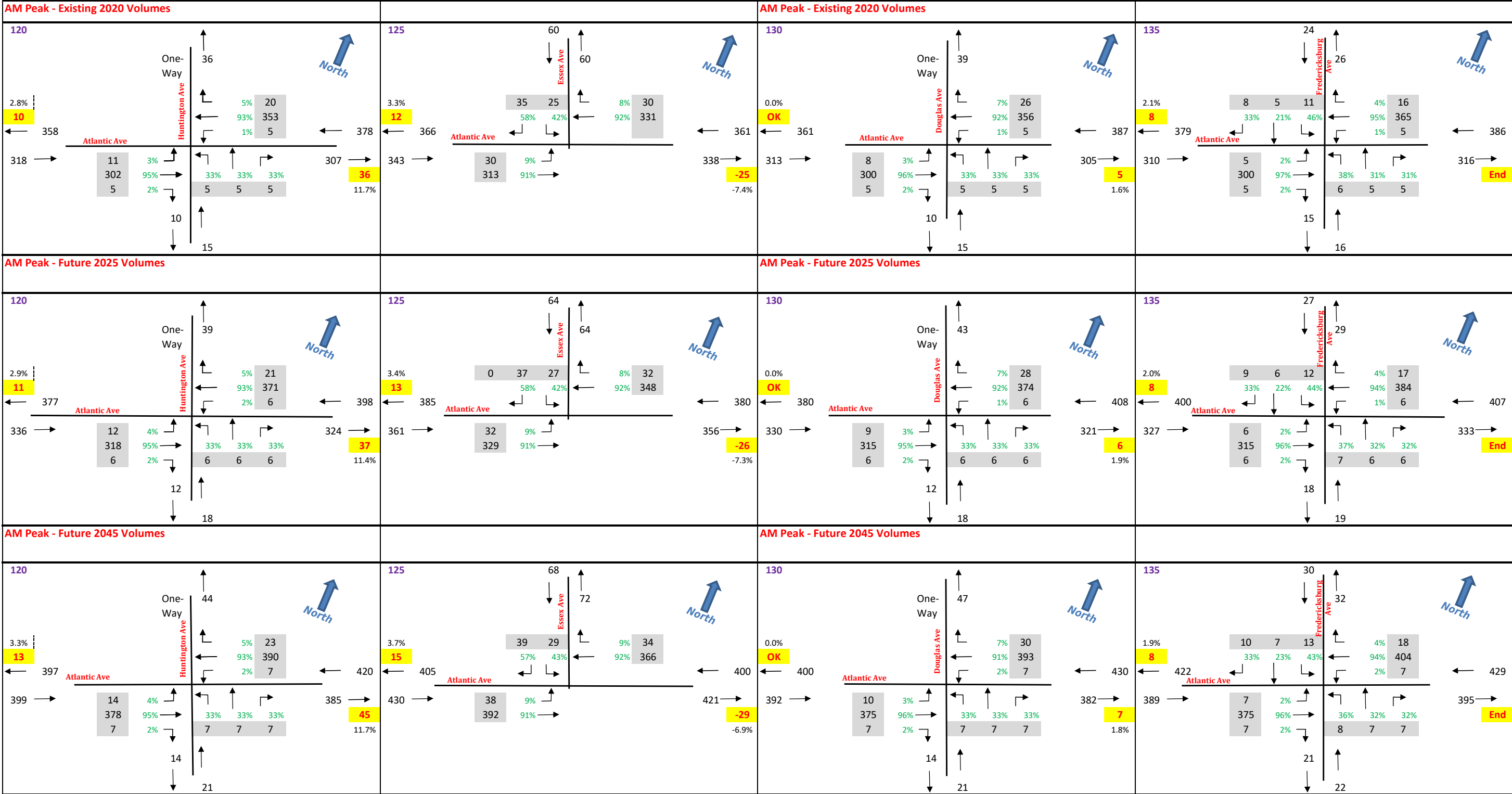
Speed Studies Summary (Weekdays 9 am to 4 pm) - 2020			
Atlantic Avenue near Cedar Grove Avenue			
Movement	<i>EB Through</i>	Movement	<i>WB Through</i>
Time Period	<i>Weekdays 9 am to 4 pm</i>	Time Period	<i>Weekdays 9 am to 4 pm</i>
Posted Speed Limit	<i>25 MPH</i>	Posted Speed Limit	<i>25 MPH</i>
Average Speed	<i>25.5 MPH</i>	Average Speed	<i>26.9 MPH</i>
10 mph Pace	<i>23 to 32 MPH</i>	10 mph Pace	<i>21 to 30 MPH</i>
% in Pace	<i>61%</i>	% in Pace	<i>72%</i>
85% Speed	<i>31.3 MPH</i>	85% Speed	<i>31.0 MPH</i>

Speed Studies Summary (Weekdays 9 am to 4 pm) - 2020			
Atlantic Avenue near Huntington Avenue			
Movement	<i>EB Through</i>	Movement	<i>WB Through</i>
Time Period	<i>Weekdays 9 am to 4 pm</i>	Time Period	<i>Weekdays 9 am to 4 pm</i>
Posted Speed Limit	<i>25 MPH</i>	Posted Speed Limit	<i>25 MPH</i>
Average Speed	<i>25.4 MPH</i>	Average Speed	<i>27.2 MPH</i>
10 mph Pace	<i>23 to 32 MPH</i>	10 mph Pace	<i>21 to 30 MPH</i>
% in Pace	<i>60%</i>	% in Pace	<i>75%</i>
85% Speed	<i>31.4 MPH</i>	85% Speed	<i>31.2 MPH</i>

AM Peak

AM Peak - Existing 2020 Volumes		AM Peak - Existing 2020 Volumes		AM Peak - Existing 2020 Volumes		AM Peak - Existing 2020 Volumes	
100 Atlantic Ave Coolidge 225 280 228 282 5 5 7 270 5 29% 29% 41% 96% 2% 4% 94% 2% 33% 33% 33% 8 215 5 5 5 17 18 15 15 North		105 Atlantic Ave Washington Ave 278 305 337 307 7 5 24 278 5 19% 14% 67% 91% 2% 20% 79% 1% 33% 33% 33% 66 266 5 5 5 36 93 15 15 North		110 Atlantic Ave Cedar Grove Ave 326 321 332 321 5 5 8 308 8 28% 28% 44% 96% 2% 3% 95% 2% 33% 33% 33% 11 316 5 5 5 18 21 18 15 North		115 Atlantic Ave Mansfield Ave 348 296 368 291 5 286 5 5 5 2% 97% 2% 33% 33% 33% 5% 93% 1% 33% 33% 33% 20 343 5 5 5 30 10 15 15 North	
AM Peak - Future 2025 Volumes		AM Peak - Future 2025 Volumes		AM Peak - Future 2025 Volumes		AM Peak - Future 2025 Volumes	
100 Atlantic Ave Coolidge 238 296 241 298 6 6 8 284 6 30% 30% 40% 96% 2% 4% 94% 2% 33% 33% 33% 9 226 6 6 6 20 21 18 18 North		105 Atlantic Ave Washington Ave 294 322 356 324 8 6 26 292 6 20% 15% 65% 91% 2% 20% 79% 2% 33% 33% 33% 70 280 6 6 6 40 100 18 18 North		110 Atlantic Ave Cedar Grove Ave 344 339 350 339 6 6 9 324 9 29% 29% 43% 96% 3% 3% 95% 2% 33% 33% 33% 12 332 6 6 6 21 24 21 18 North		115 Atlantic Ave Mansfield Ave 367 313 388 307 6 301 6 6 6 2% 96% 2% 33% 33% 33% 5% 93% 2% 33% 33% 33% 21 361 6 6 6 33 12 18 18 North	
AM Peak - Future 2045 Volumes		AM Peak - Future 2045 Volumes		AM Peak - Future 2045 Volumes		AM Peak - Future 2045 Volumes	
100 Atlantic Ave Coolidge 283 352 286 354 7 7 9 338 7 30% 30% 39% 96% 2% 3% 94% 2% 33% 33% 33% 10 269 7 7 7 23 24 21 21 North		105 Atlantic Ave Washington Ave 310 383 375 383 9 7 28 348 7 20% 16% 64% 91% 2% 20% 78% 2% 33% 33% 33% 74 294 7 7 7 44 109 21 21 North		110 Atlantic Ave Cedar Grove Ave 363 402 369 402 7 7 10 385 10 29% 29% 42% 96% 2% 4% 95% 2% 33% 33% 33% 13 349 7 7 7 24 27 24 21 North		115 Atlantic Ave Mansfield Ave 387 372 410 365 7 358 7 7 7 2% 96% 2% 33% 33% 33% 6% 93% 2% 33% 33% 33% 23 380 7 7 7 37 14 21 21 North	

AM Peak



PM Peak

	PM Peak - Existing 2020 Volumes 100 27 31 North 11 5 11 41% 19% 41% 4% 14 326 5 342 Atlantic Ave 345 304 7 2% 292 96% 5 2% 25% 50% 25% 5 10 5 24.7% 76 15 20
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105

39

108

North

9

5

25

23%

13%

64%

16%

73

369

7

383

Atlantic Ave

449

384

24

6%

355

92%

5

1%

19%

41%

41%

5

11

11

5.9%

23

17

27

110

30

36

North

8

9

13

27%

30%

43%

4%

18

439

12

452

Atlantic Ave

469

414

11

3%

396

96%

7

2%

21%

29%

50%

5

7

12

-8.3%

-35

28

24

115

28

15

North

16.1%

65

404

Atlantic Ave

419

386

8

2%

373

97%

5

1%

33%

33%

33%

5

5

5

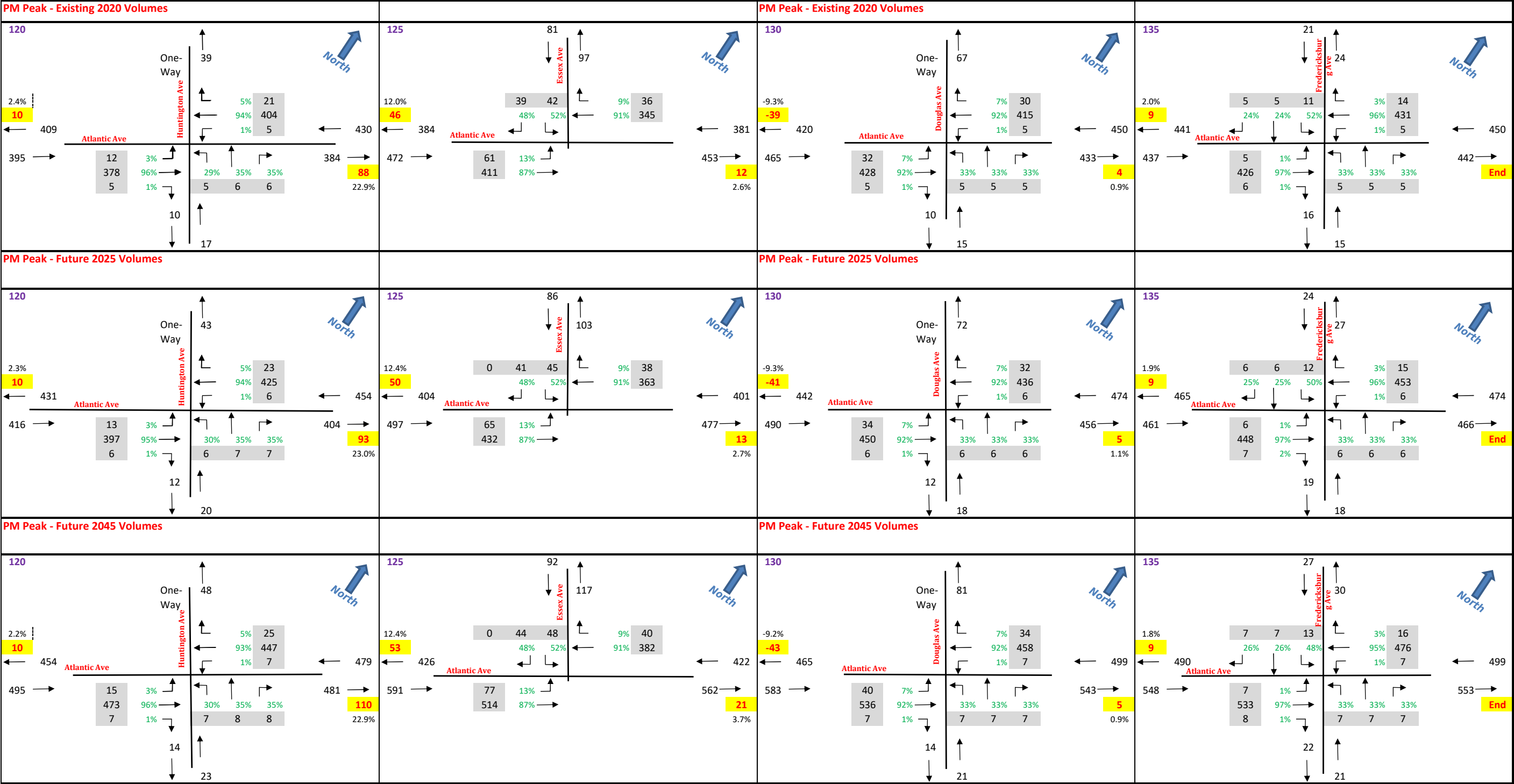
4.5%

17

10

15

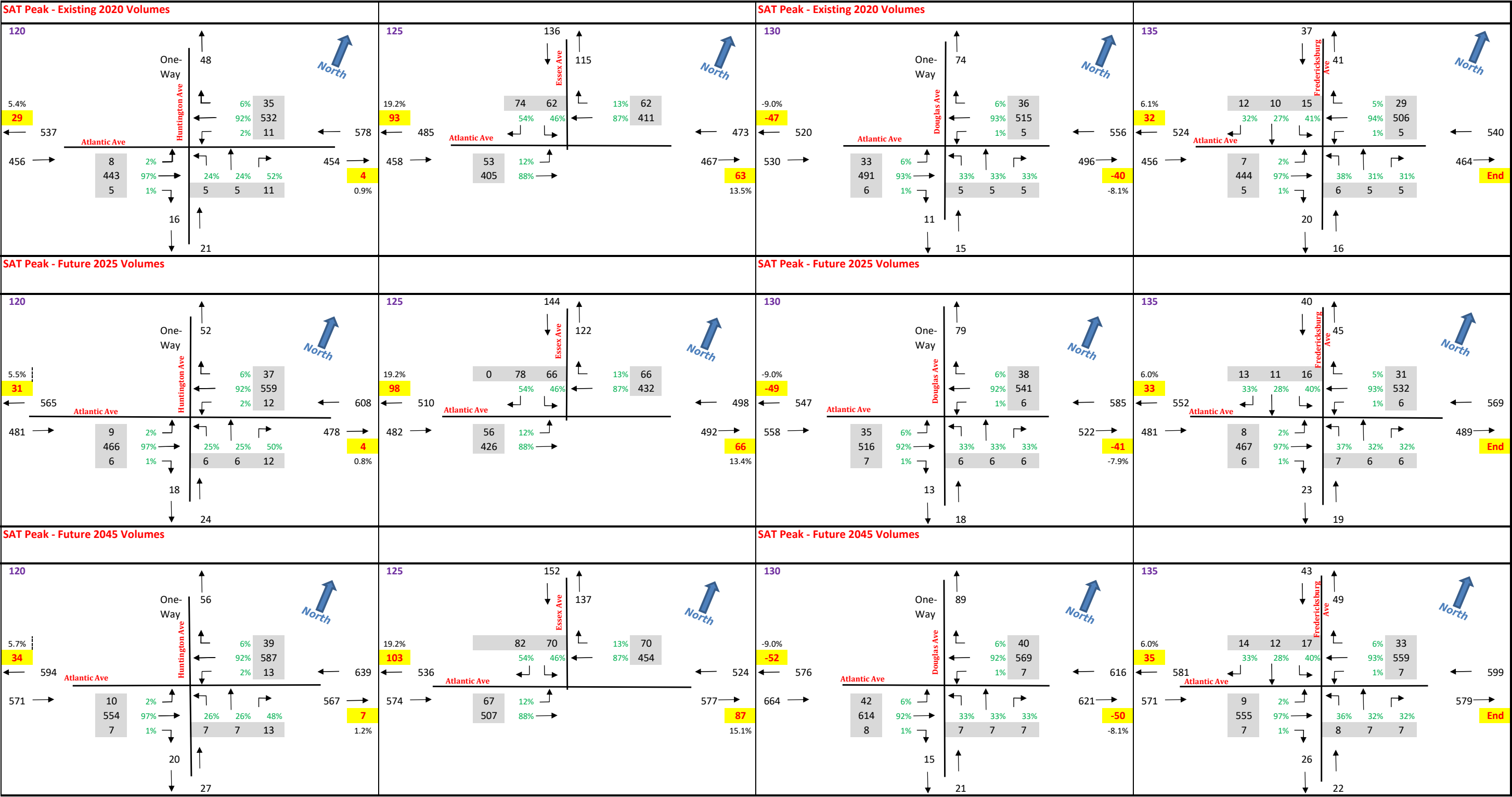
PM Peak



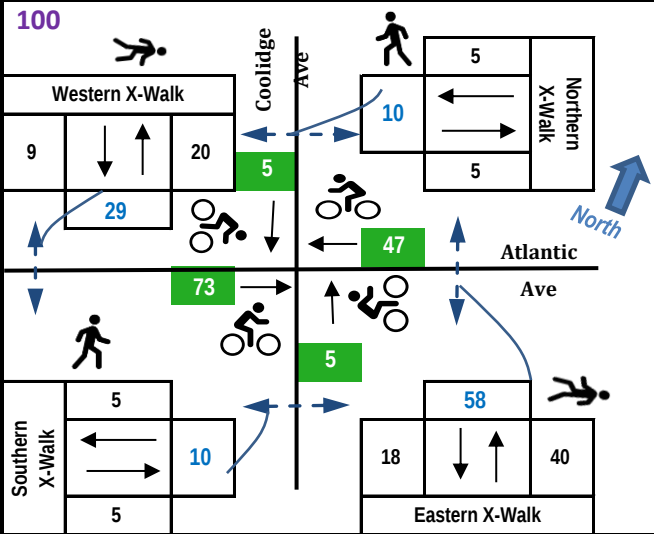
SAT Peak

	SAT Peak - Existing 2020 Volumes 100 48 51 18 6 24 38% 13% 50% 6% 30 479 6 502 Atlantic Ave 515 514 13 3% 492 96% 9 2% 28% 44% 28% 5 8 5 21 18 61 11.7% North	SAT Peak - Existing 2020 Volumes 105 60 151 13 12 35 22% 20% 58% 17% 103 510 7 -3.0% -16 531 Atlantic Ave 620 582 39 7% 533 92% 10 2% 35% 39% 26% 8 9 6 29 23 21 3.7% North	SAT Peak - Existing 2020 Volumes 110 53 43 19 10 24 36% 19% 45% 4% 26 579 13 2.8% 17 603 Atlantic Ave 618 595 12 2% 568 95% 15 3% 18% 18% 64% 5 5 18 38 28 -166 -27.2% North	SAT Peak - Existing 2020 Volumes 115 41 26 534 6 566 14.7% 79 539 Atlantic Ave 444 10 2% 428 96% 6 1% 29% 29% 41% 5 5 7 12 17 21 4.8% North
Future Year 2025 Volumes (Assumed Opening Year)	SAT Peak - Future 2025 Volumes 100 52 55 19 7 26 37% 13% 50% 6% 32 503 7 Begin 528 Atlantic Ave 542 541 14 3% 517 96% 10 2% 29% 43% 29% 6 9 6 24 21 63 11.5% North	SAT Peak - Future 2025 Volumes 105 64 160 14 13 37 22% 20% 58% 17% 109 536 8 -3.0% -17 559 Atlantic Ave 653 612 41 7% 560 92% 11 2% 35% 38% 27% 9 10 7 32 26 22 3.6% North	SAT Peak - Future 2025 Volumes 110 57 47 20 11 26 35% 19% 46% 4% 28 608 14 3.0% 19 634 Atlantic Ave 650 626 13 2% 597 95% 16 3% 19% 19% 61% 6 6 19 41 31 468 #DIV/0! North	SAT Peak - Future 2025 Volumes 115 45 28 561 7 596 14.6% 83 567 Atlantic Ave 468 11 2% 450 96% 7 1% 30% 30% 40% 6 6 8 14 20 23 5.0% North
Future Year 2045 Volumes (Assumed Design Year)	SAT Peak - Future 2045 Volumes 100 61 65 23 8 30 38% 13% 49% 6% 38 599 8 Begin 629 Atlantic Ave 645 644 17 3% 615 95% 12 2% 29% 42% 29% 7 10 7 28 24 77 11.8% North	SAT Peak - Future 2045 Volumes 105 68 175 15 14 39 22% 21% 57% 17% 115 563 9 9.7% 57 588 Atlantic Ave 687 729 49 7% 667 91% 13 2% 34% 38% 28% 10 11 8 36 29 30 4.2% North	SAT Peak - Future 2045 Volumes 110 61 52 21 12 28 34% 20% 46% 4% 30 639 15 3.0% 20 667 Atlantic Ave 684 744 15 2% 710 95% 19 3% 21% 21% 59% 7 7 20 46 34 557 #DIV/0! North	SAT Peak - Future 2045 Volumes 115 50 30 590 8 628 14.6% 87 597 Atlantic Ave 557 13 2% 536 96% 8 1% 30% 30% 39% 7 7 9 16 23 26 4.8% North

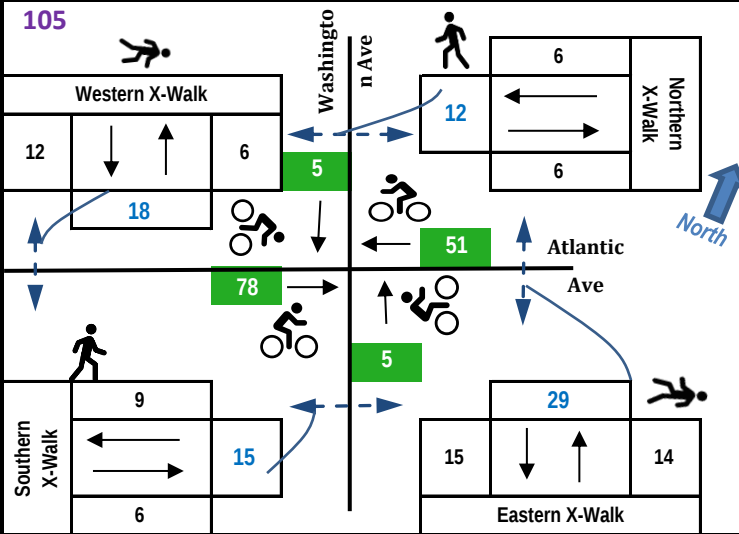
SAT Peak



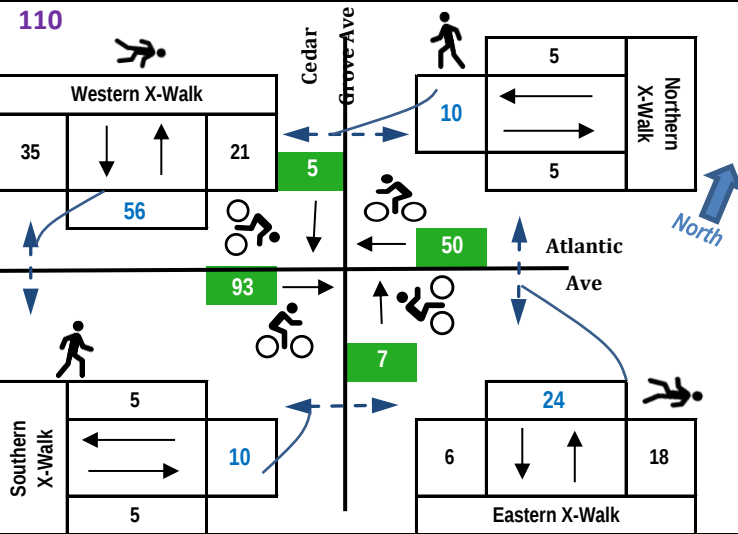
AM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



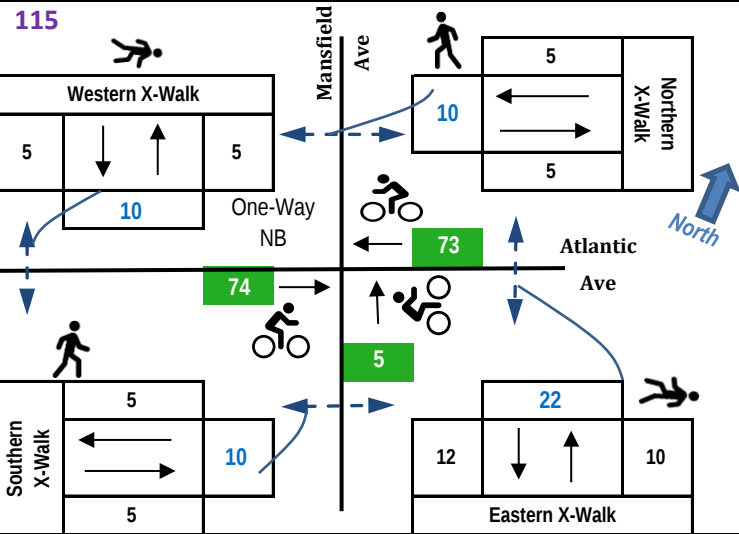
AM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



AM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



AM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



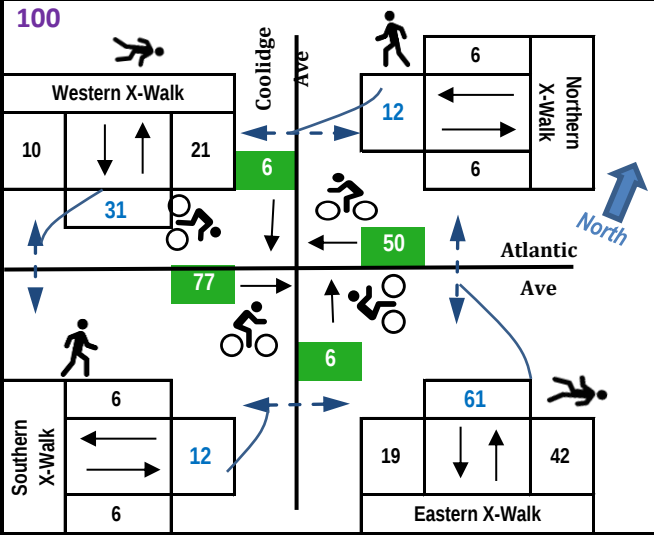
Future Year 2025 Volumes
(Assumed Opening Year)

Base Information:
Existing Year = 2020
Future Year = 2025
of Years = 5
Growth Rate = 1.00%
Growth Rate + 1 = 1.0100

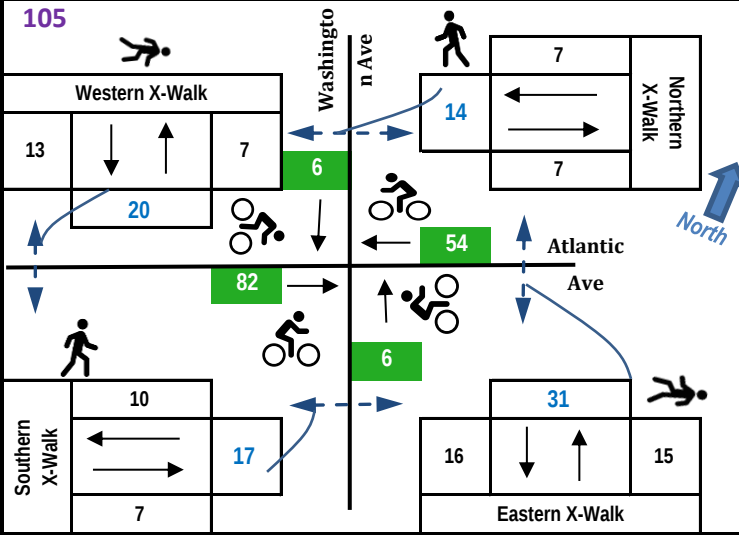
Definitions:
EV = Existing Volumes
FV = Future Volumes
Y = # of years
GR = Growth Rate

Linear Growth Equation:
$$FV = (((EV \times GR) - EV) \times Y) + EV$$

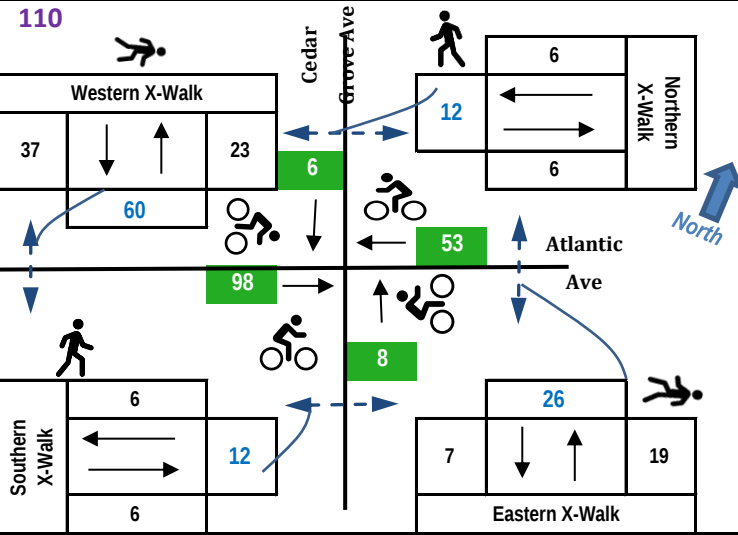
AM Peak - Future 2025 Volumes (Bikes & Pedestrians)



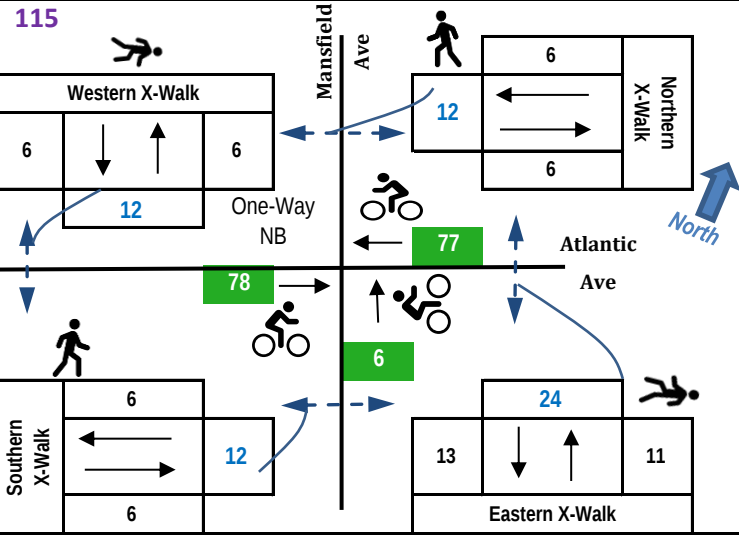
AM Peak - Future 2025 Volumes (Bikes & Pedestrians)



AM Peak - Future 2025 Volumes (Bikes & Pedestrians)



AM Peak - Future 2025 Volumes (Bikes & Pedestrians)



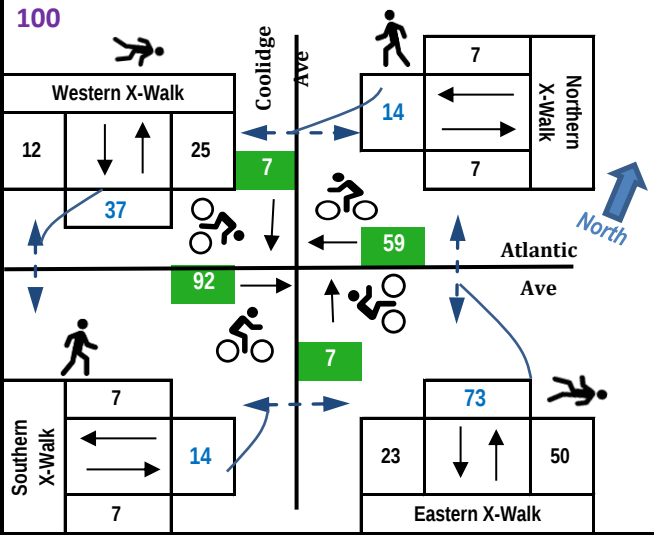
Future Year 2045 Volumes
(Assumed Design Year)

Base Information:
Existing Year = 2020
Future Year = 2045
of Years = 25
Growth Rate = 1.00%
Growth Rate + 1 = 1.0100

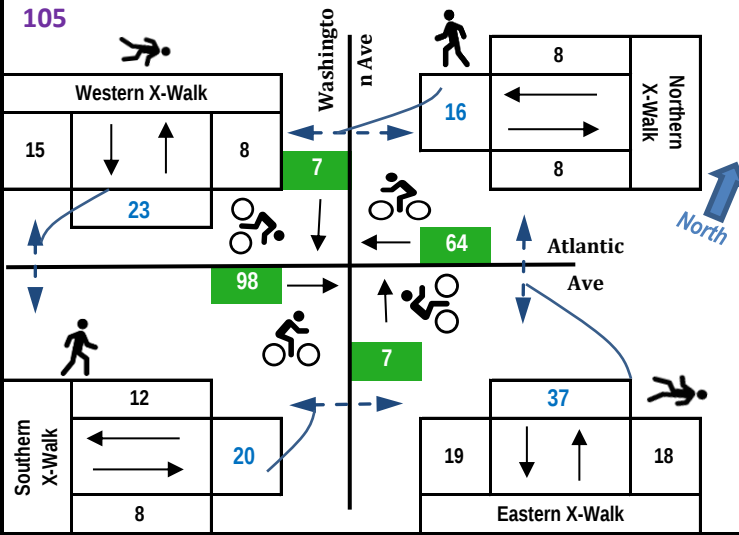
Definitions:
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FV = Future Volumes
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GR = Growth Rate

Linear Growth Equation:
$$FV = (((EV \times GR) - EV) \times Y) + EV$$

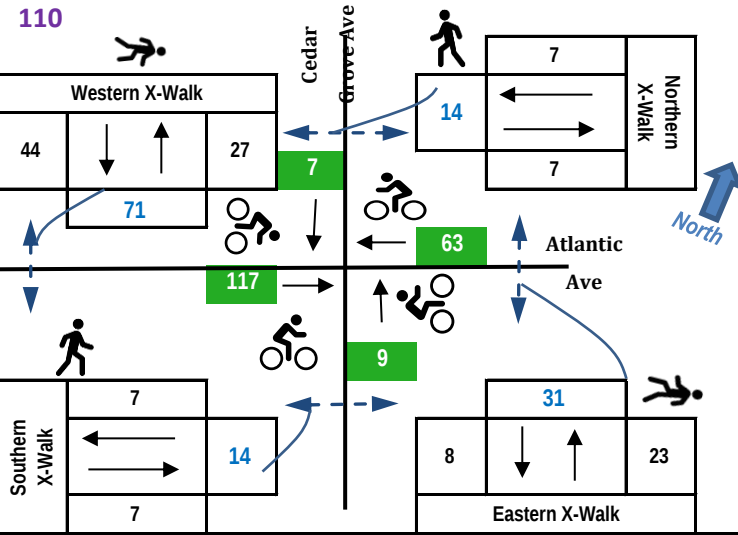
AM Peak - Future 2045 Volumes (Bikes & Pedestrians)



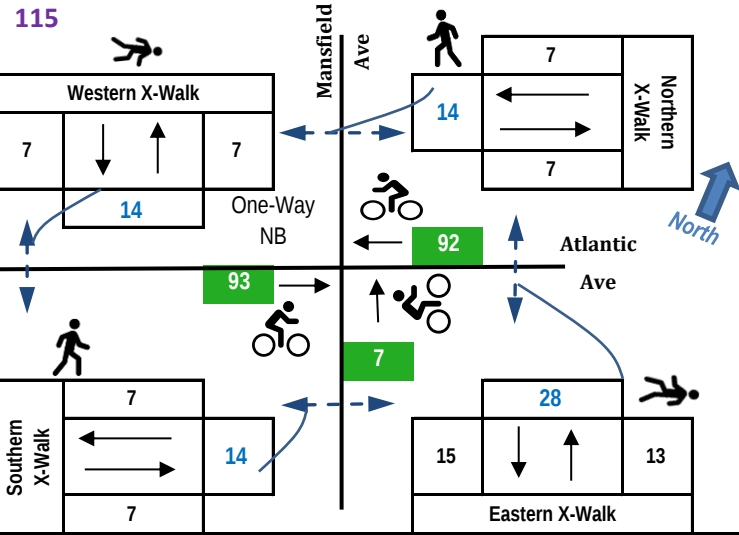
AM Peak - Future 2045 Volumes (Bikes & Pedestrians)



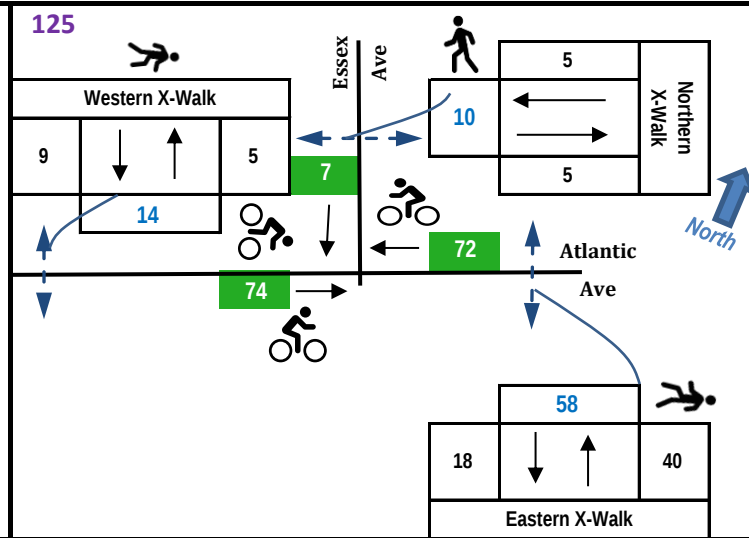
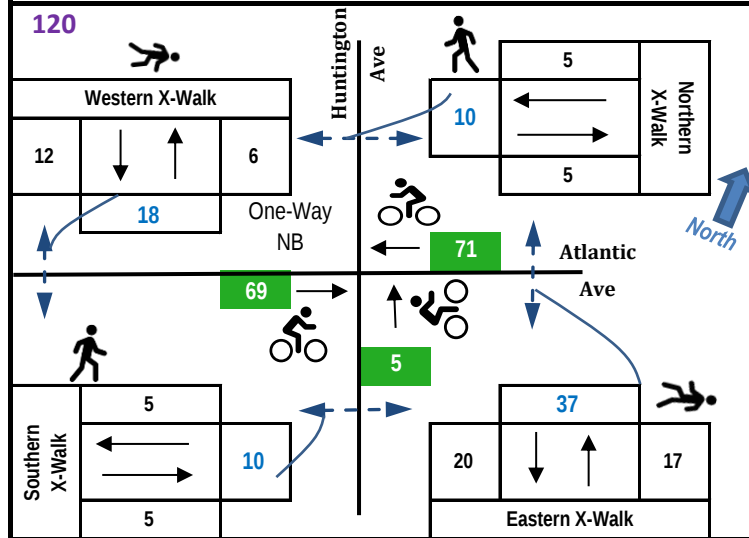
AM Peak - Future 2045 Volumes (Bikes & Pedestrians)



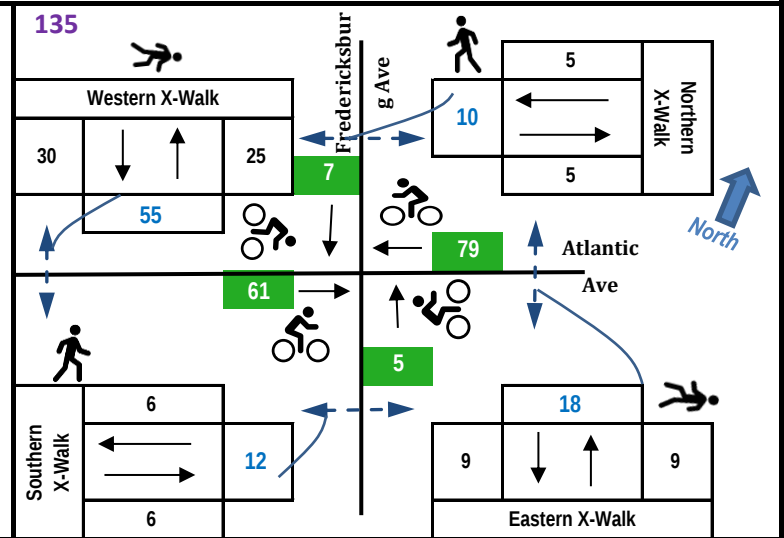
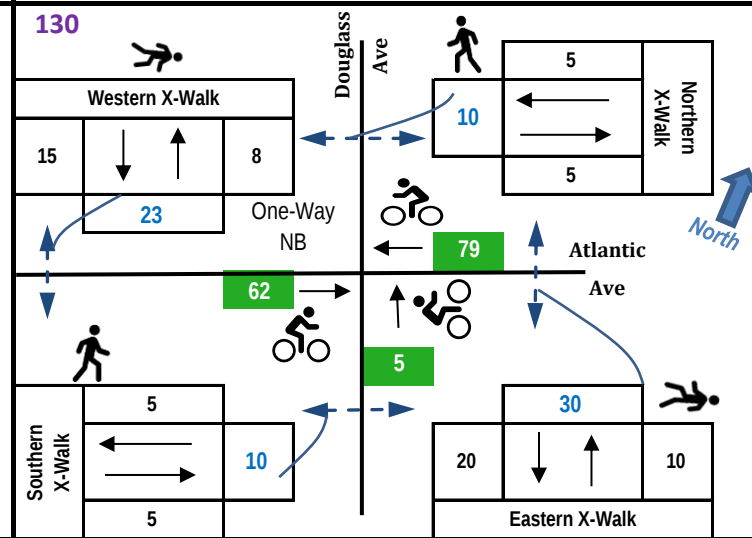
AM Peak - Future 2045 Volumes (Bikes & Pedestrians)



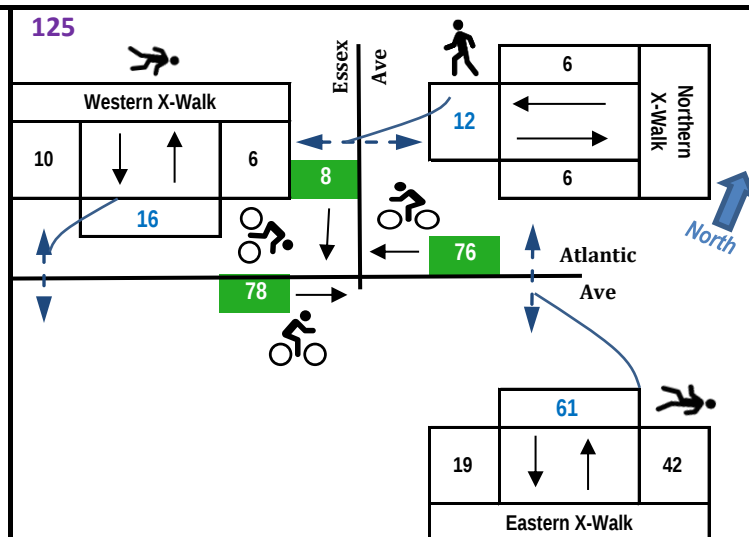
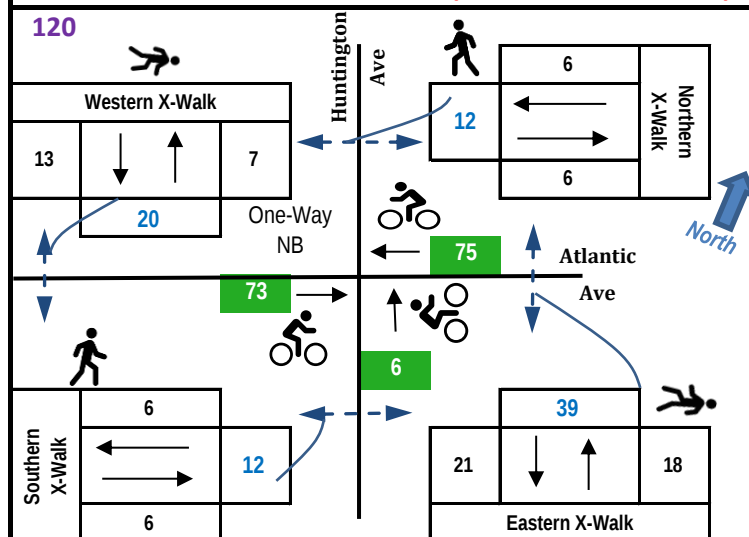
AM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



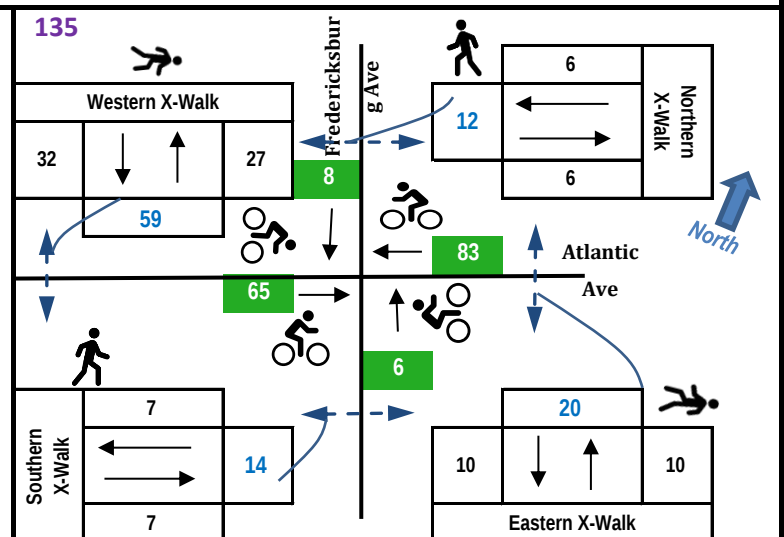
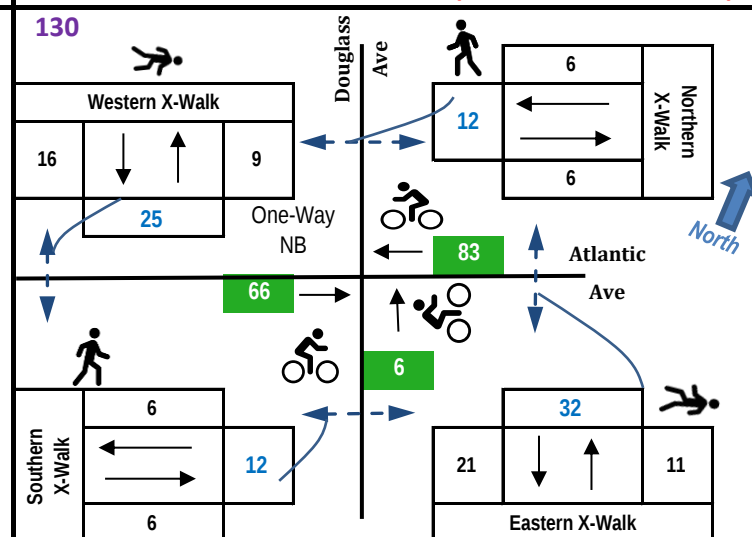
AM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



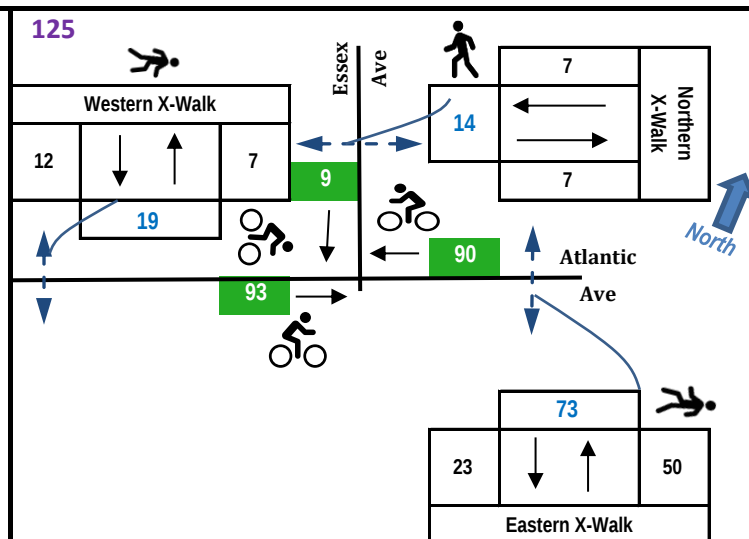
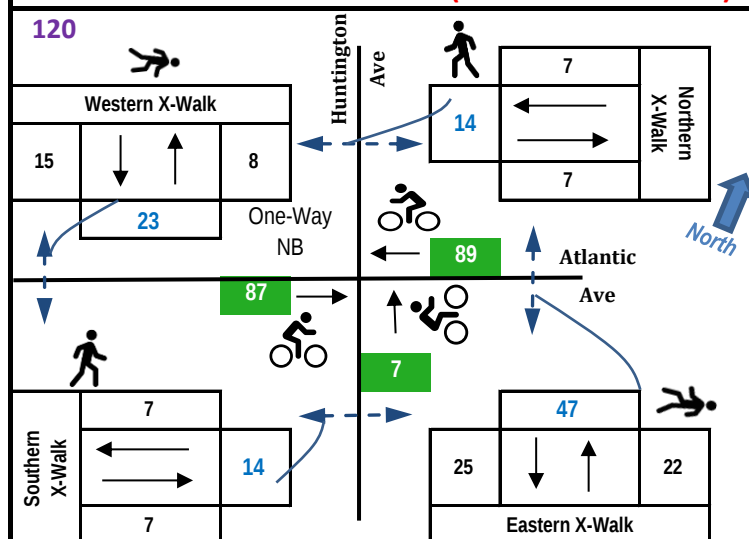
AM Peak - Future 2025 Volumes (Bikes & Pedestrians)



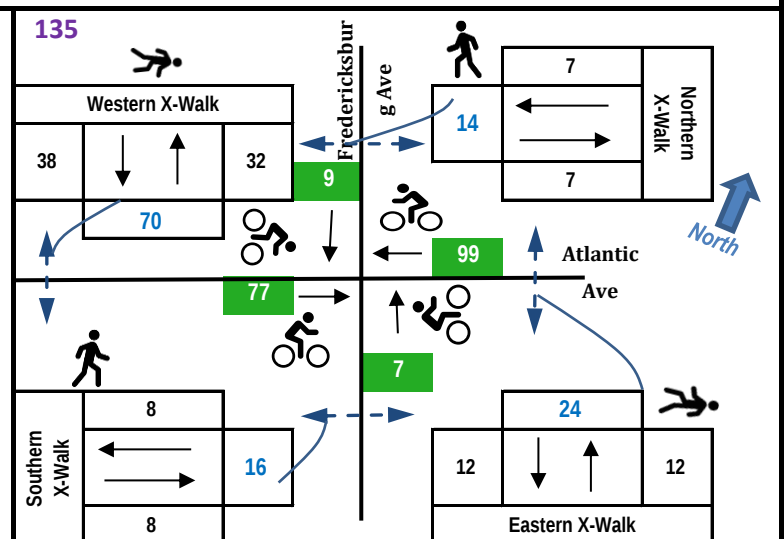
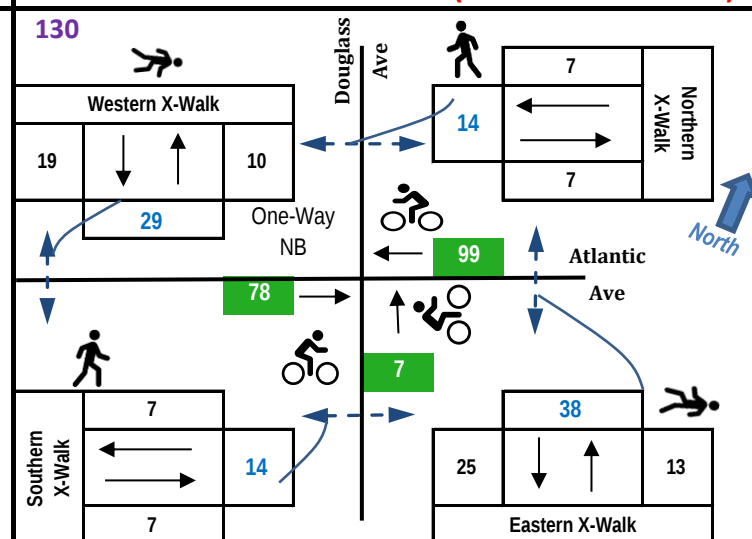
AM Peak - Future 2025 Volumes (Bikes & Pedestrians)

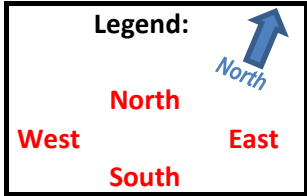


AM Peak - Future 2045 Volumes (Bikes & Pedestrians)

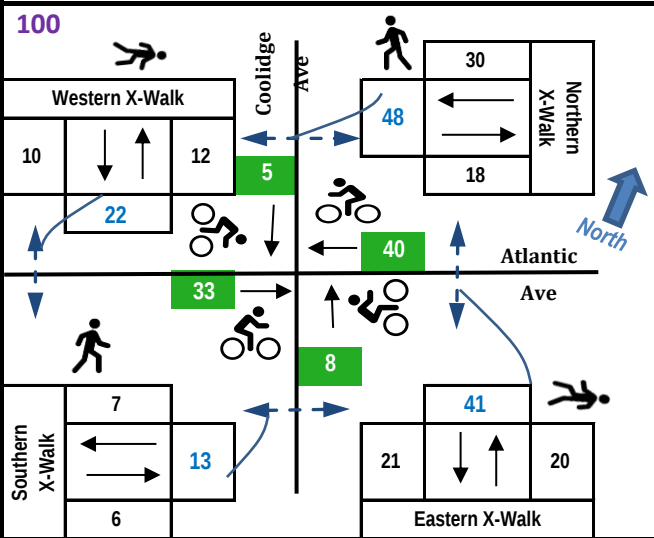


AM Peak - Future 2045 Volumes (Bikes & Pedestrians)

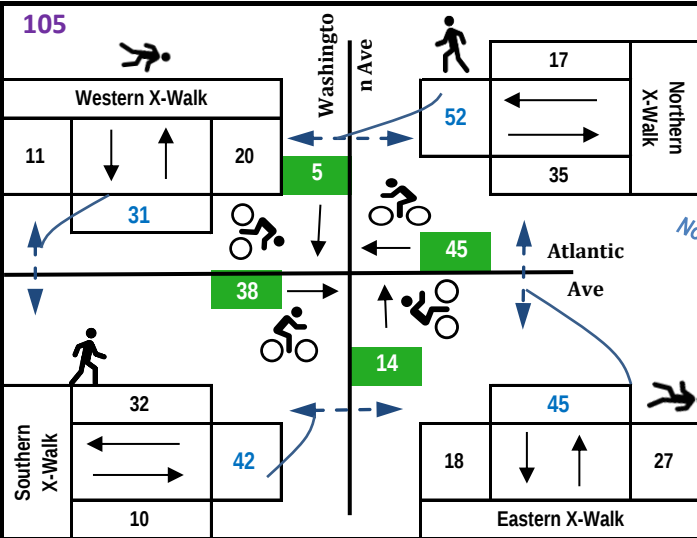




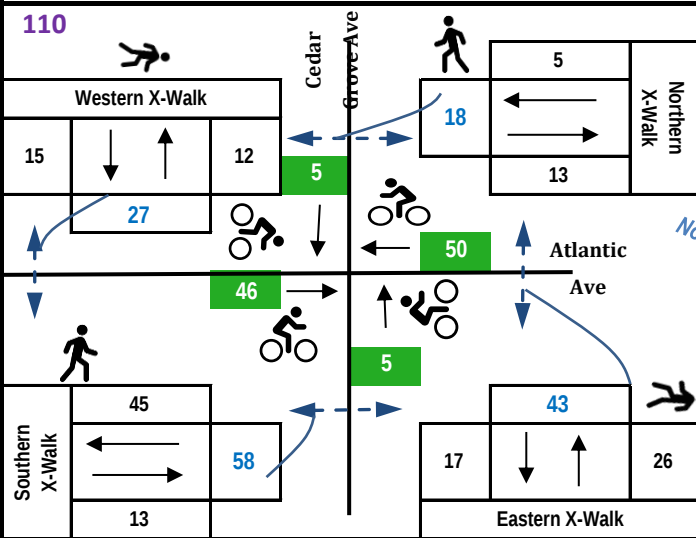
PM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



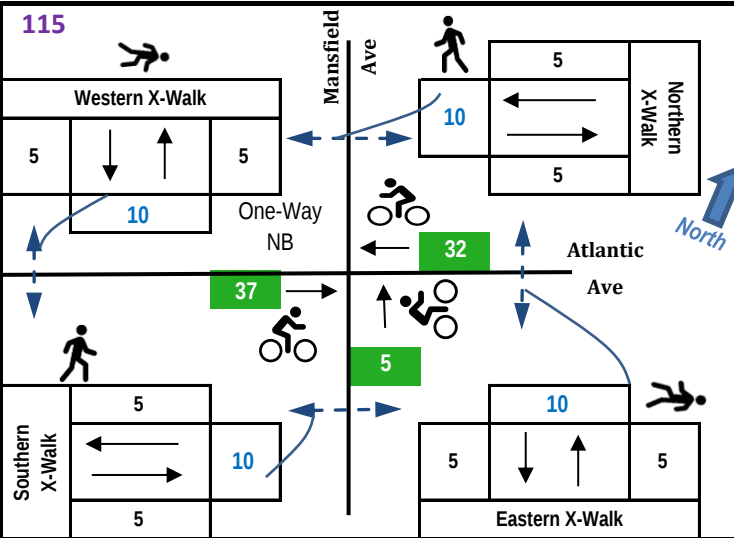
PM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



PM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



PM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



Future Year 2025 Volumes
(Assumed Opening Year)

Base Information:

Existing Year = 2020
Future Year = 2025
of Years = 5
Growth Rate = 1.00%
Growth Rate + 1 = 1.0100

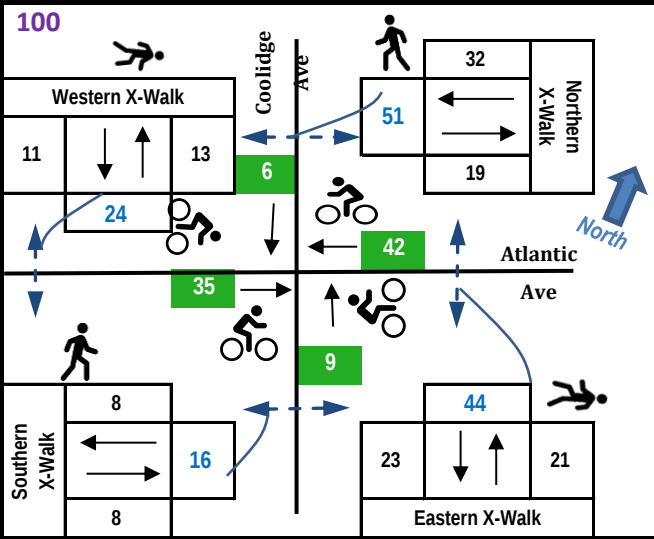
Definitions:

EV = Existing Volumes
FV = Future Volumes
Y = # of years
GR = Growth Rate

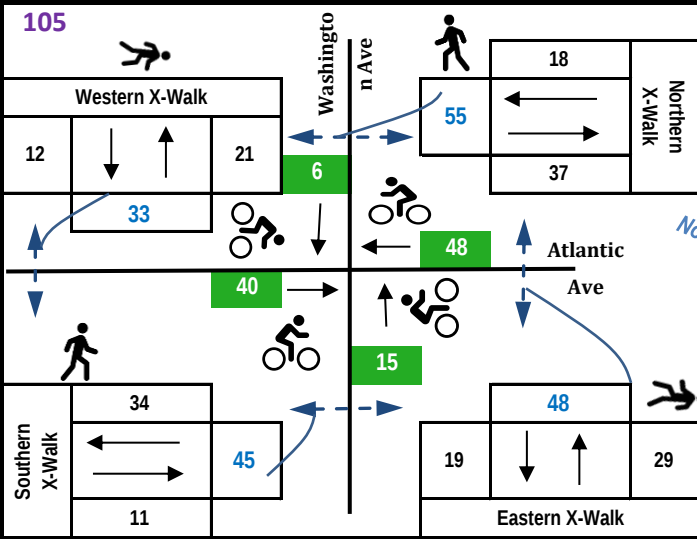
Linear Growth Equation:

$FV = (((EV \times GR) - EV) \times Y) + EV$

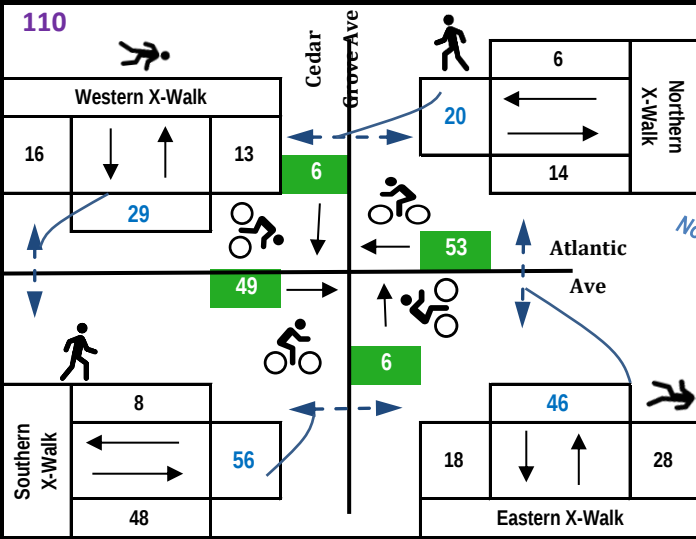
PM Peak - Future 2025 Volumes (Bikes & Pedestrians)



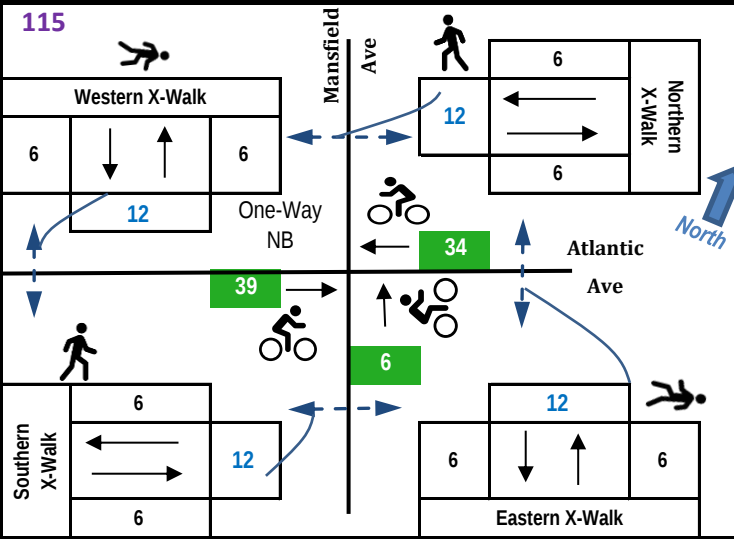
PM Peak - Future 2025 Volumes (Bikes & Pedestrians)



PM Peak - Future 2025 Volumes (Bikes & Pedestrians)



PM Peak - Future 2025 Volumes (Bikes & Pedestrians)



Future Year 2045 Volumes
(Assumed Design Year)

Base Information:

Existing Year = 2020
Future Year = 2045
of Years = 25
Growth Rate = 1.00%
Growth Rate + 1 = 1.0100

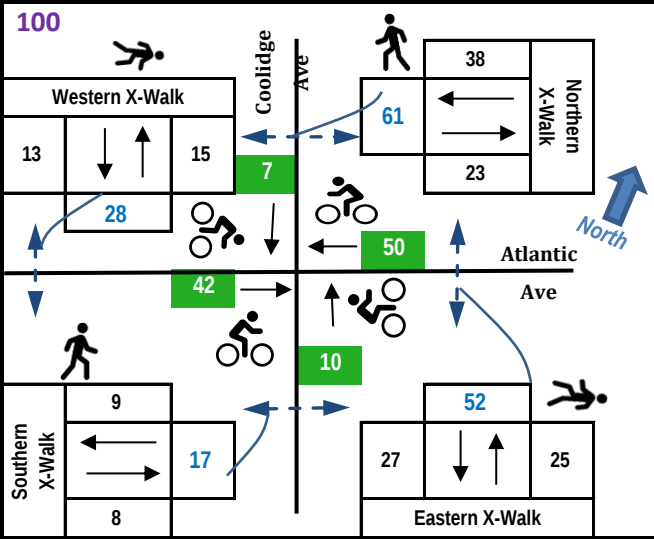
Definitions:

EV = Existing Volumes
FV = Future Volumes
Y = # of years
GR = Growth Rate

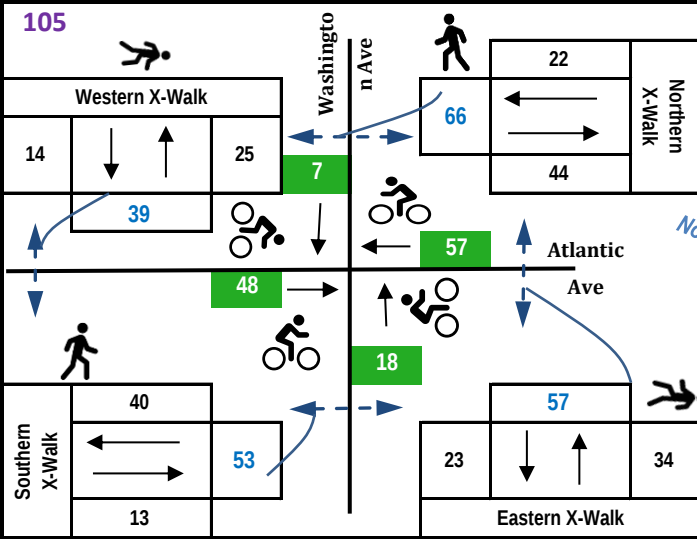
Linear Growth Equation:

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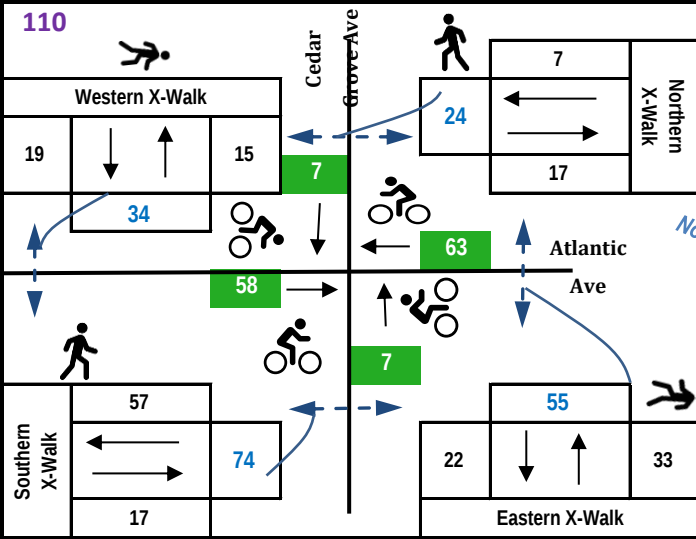
PM Peak - Future 2045 Volumes (Bikes & Pedestrians)



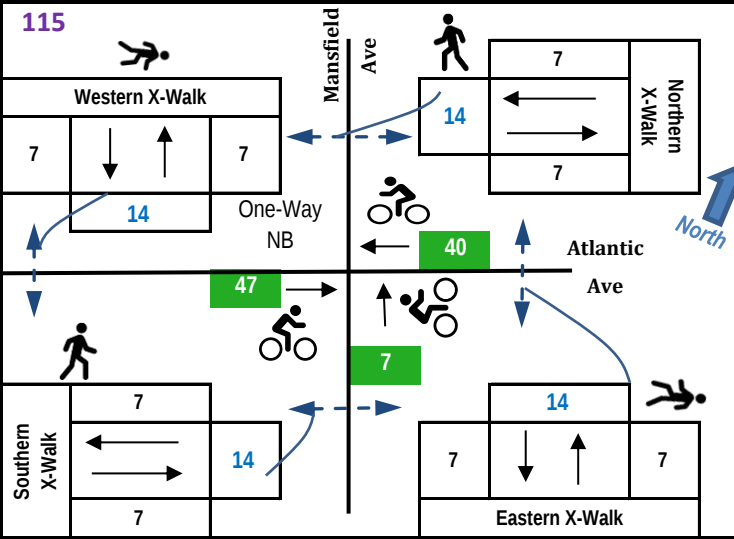
PM Peak - Future 2045 Volumes (Bikes & Pedestrians)



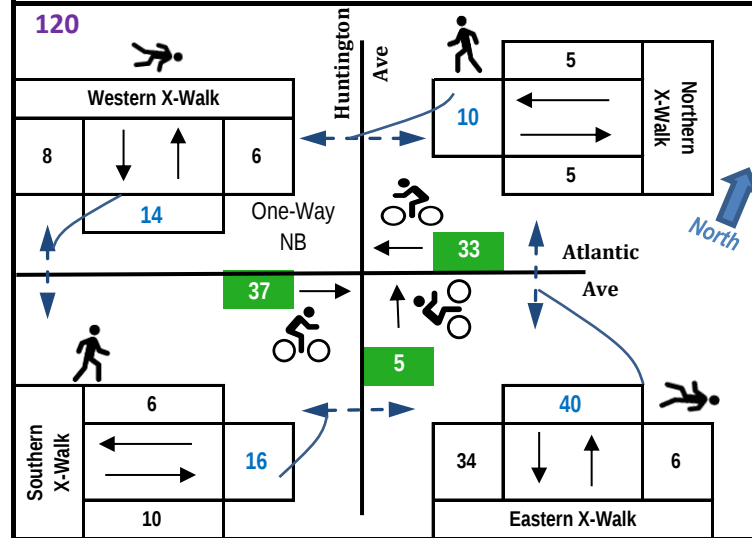
PM Peak - Future 2045 Volumes (Bikes & Pedestrians)

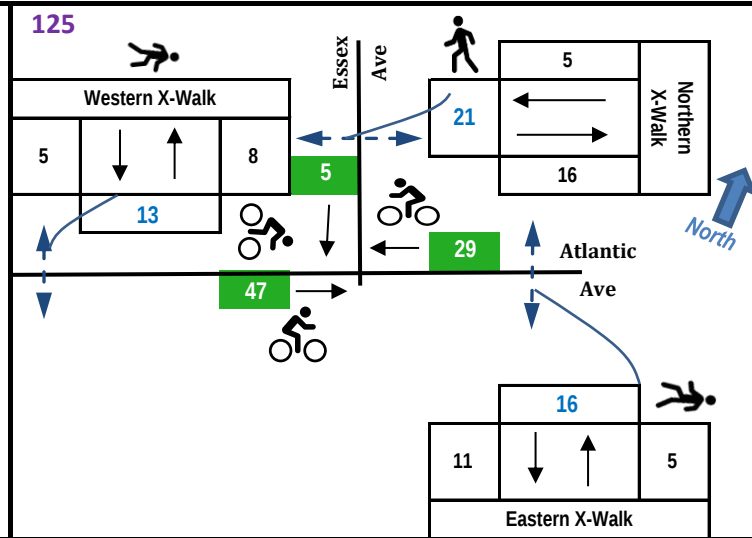


PM Peak - Future 2045 Volumes (Bikes & Pedestrians)

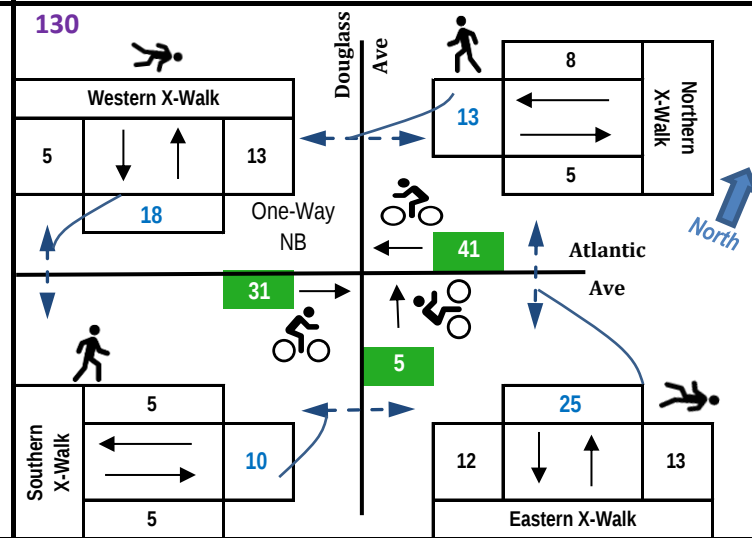


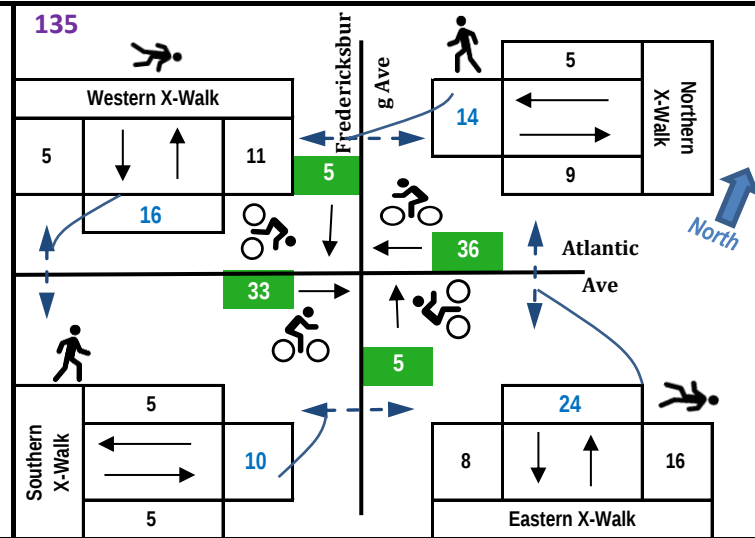
PM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



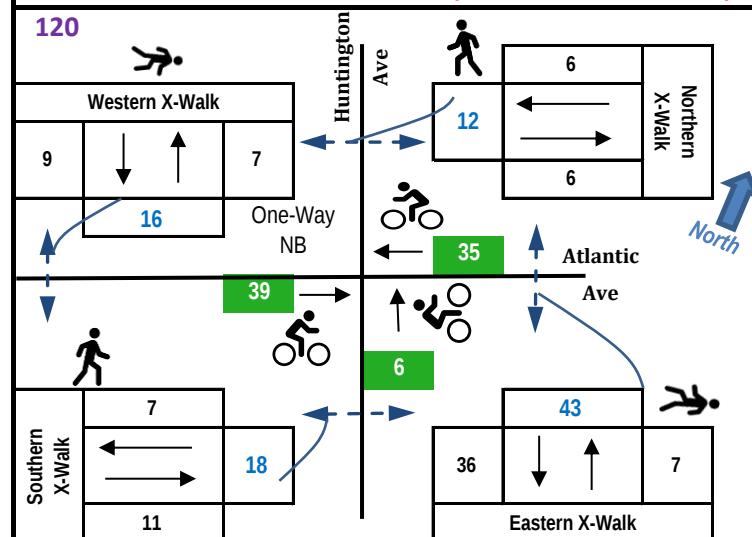


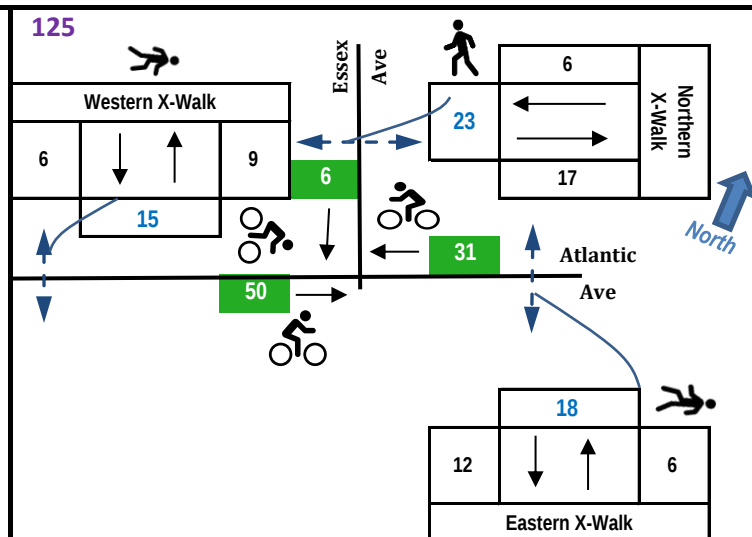
PM Peak - Existing 2020 Volumes (Bikes & Pedestrians)



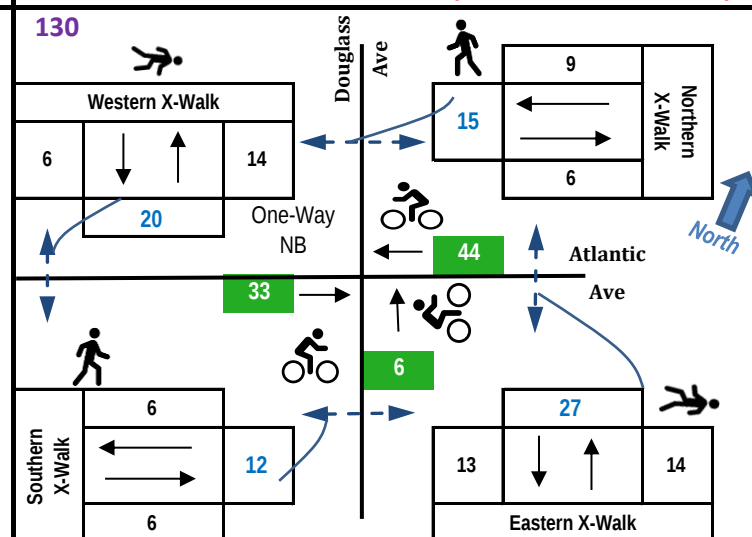


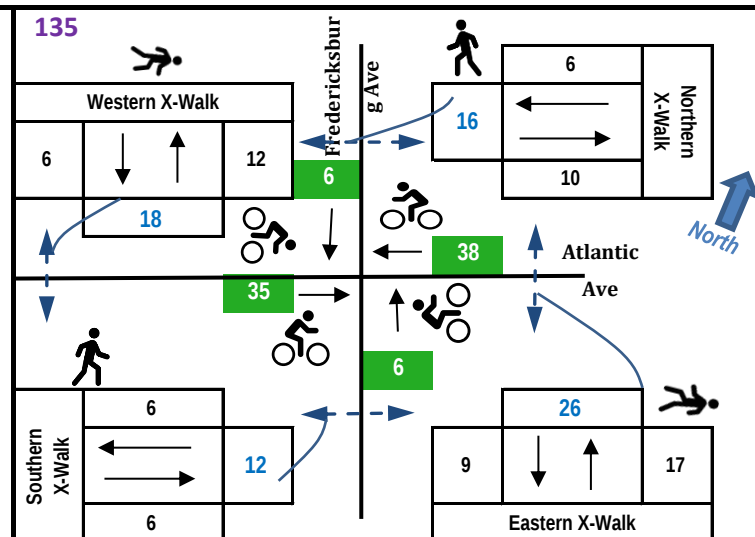
PM Peak - Future 2025 Volumes (Bikes & Pedestrians)



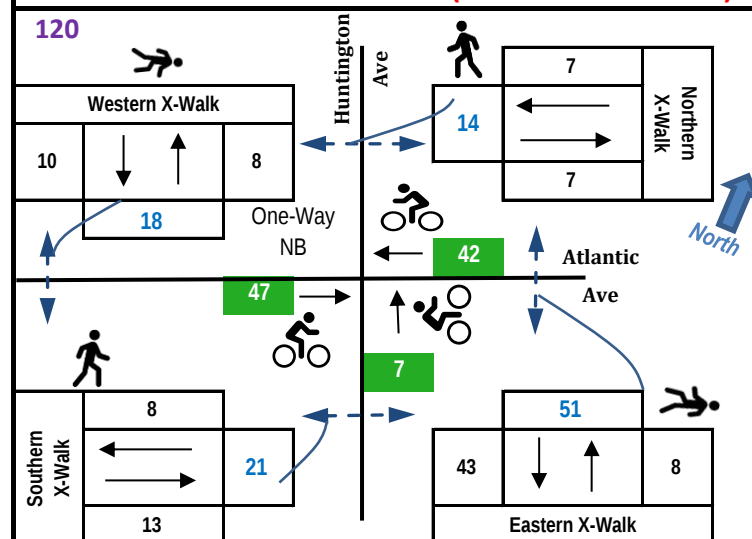


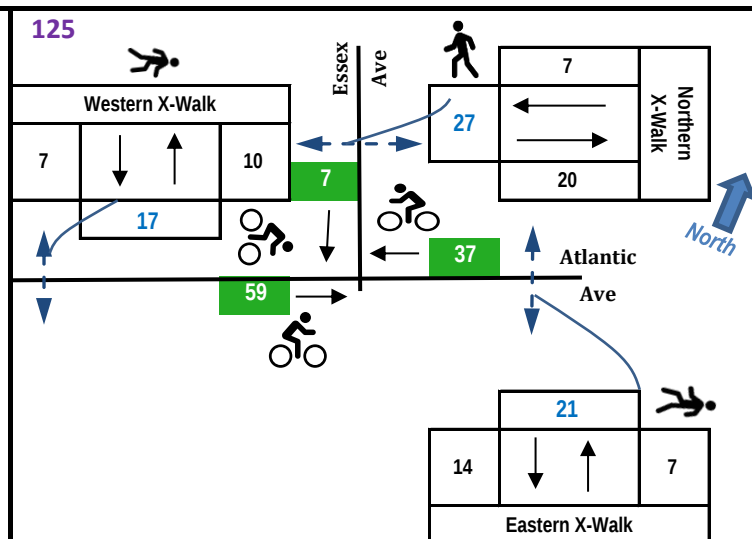
PM Peak - Future 2025 Volumes (Bikes & Pedestrians)



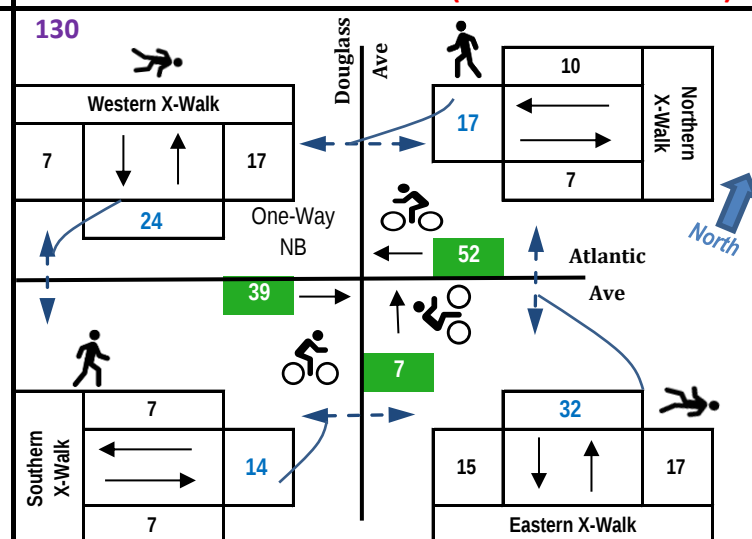


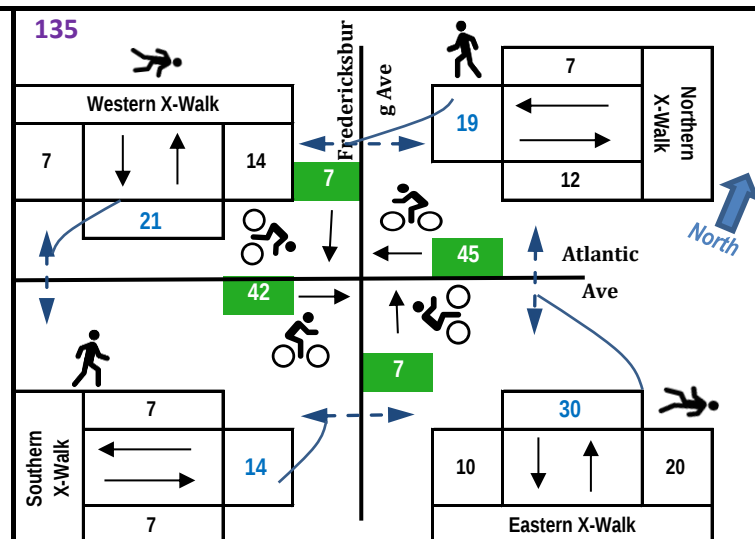
PM Peak - Future 2045 Volumes (Bikes & Pedestrians)



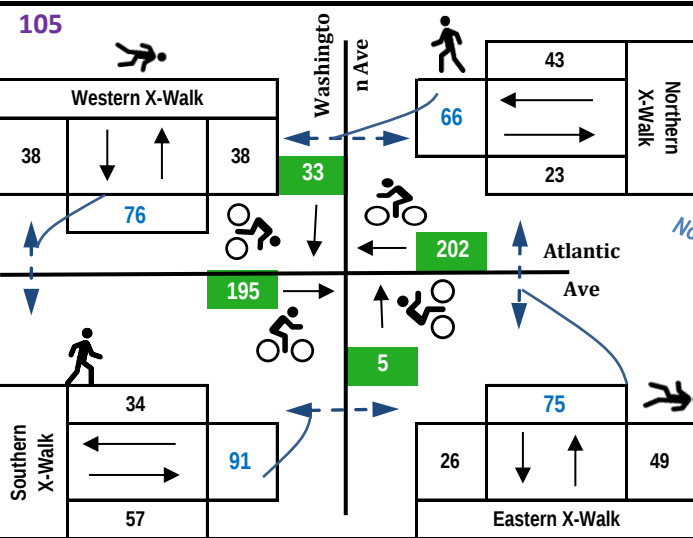
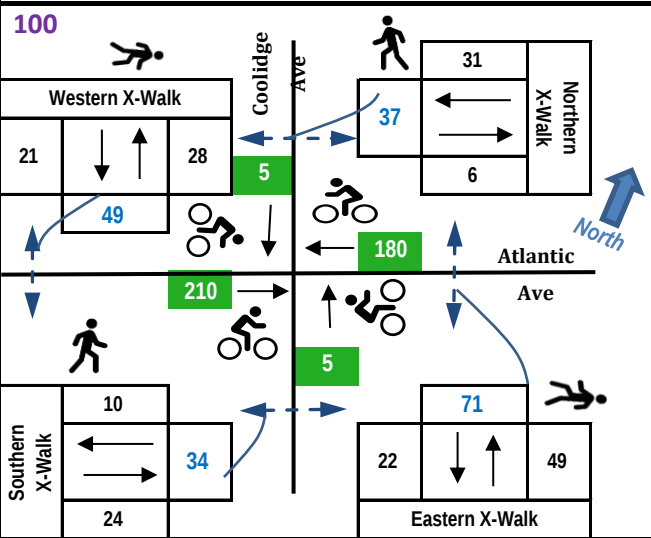


PM Peak - Future 2045 Volumes (Bikes & Pedestrians)

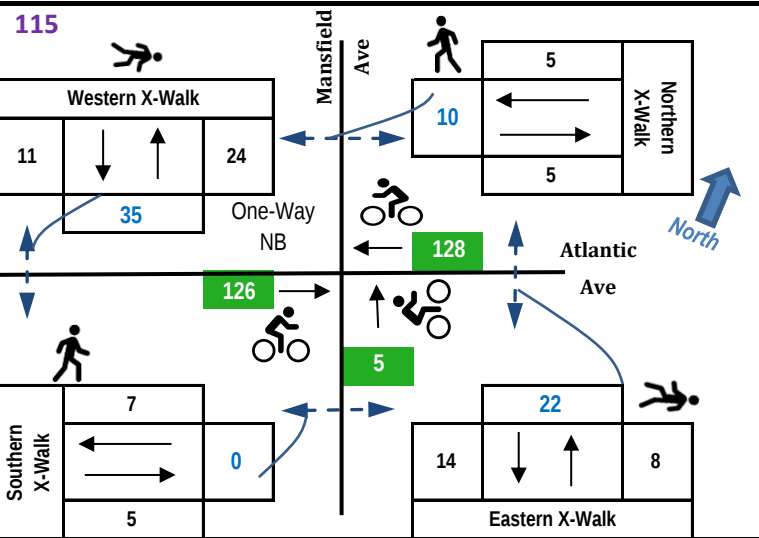
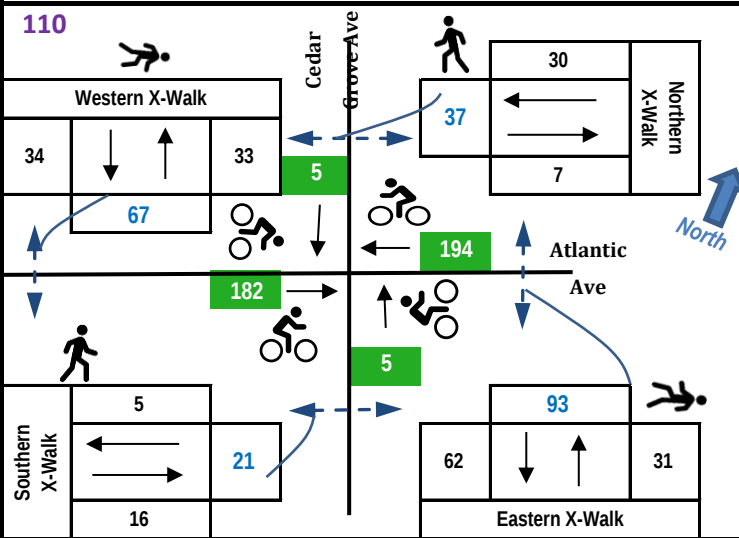




SAT Peak - Existing 2020 Volumes (Bikes & Pedestrians)



SAT Peak - Existing 2020 Volumes (Bikes & Pedestrians)



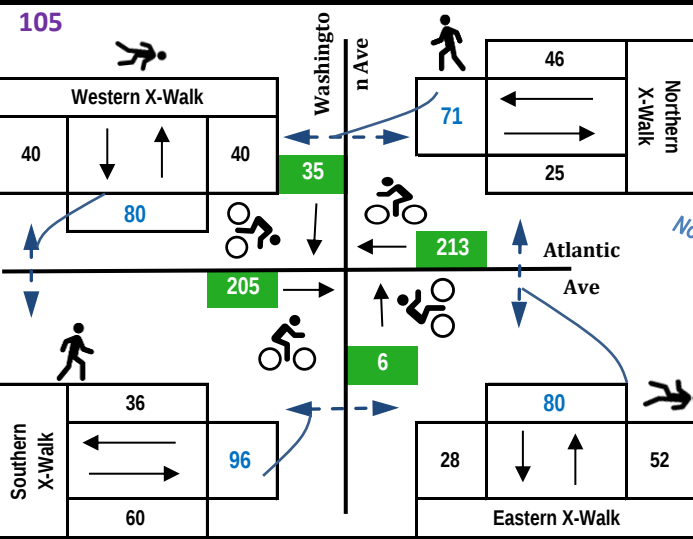
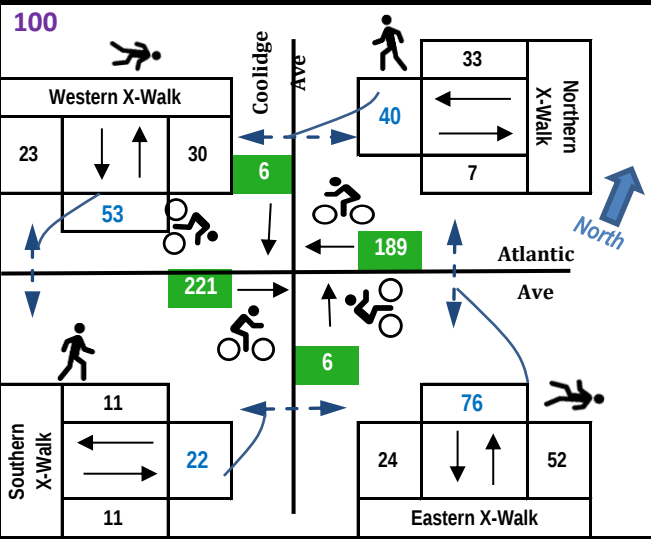
Future Year 2025 Volumes
(Assumed Opening Year)

Base Information:
Existing Year = 2020
Future Year = 2025
of Years = 5
Growth Rate = 1.00%
Growth Rate + 1 = 1.0100

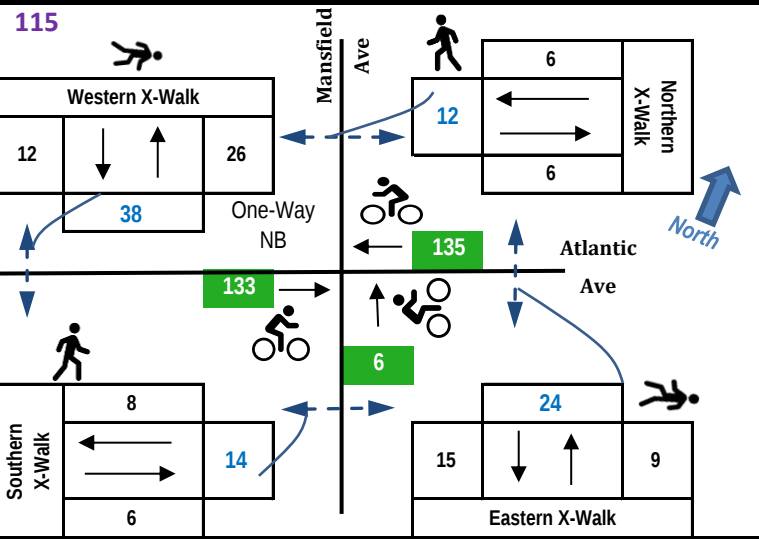
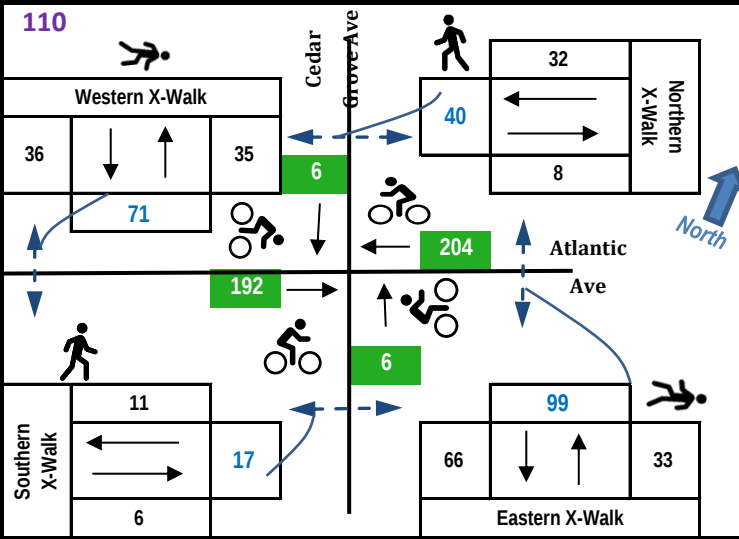
Definitions:
EV = Existing Volumes
FV = Future Volumes
Y = # of years
GR = Growth Rate

Linear Growth Equation:
$$FV = (((EV \times GR) - EV) \times Y) + EV$$

SAT Peak - Future 2025 Volumes (Bikes & Pedestrians)



SAT Peak - Future 2025 Volumes (Bikes & Pedestrians)



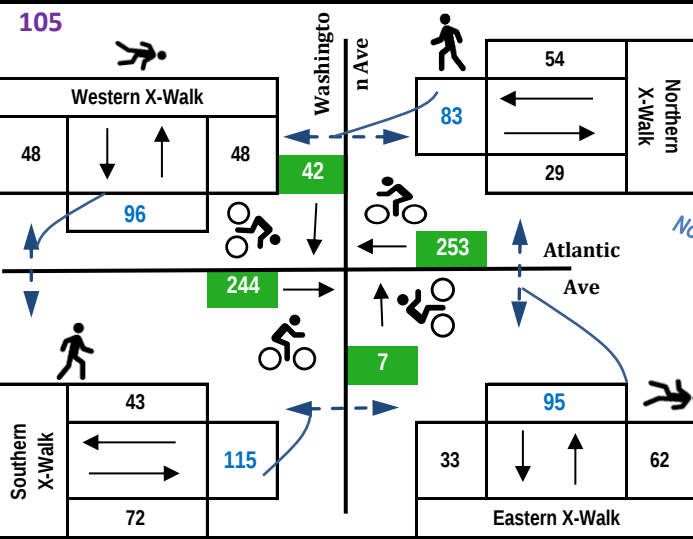
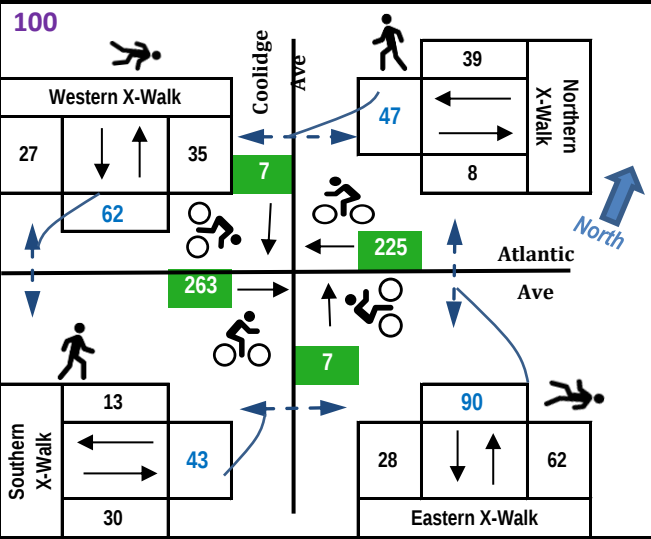
Future Year 2045 Volumes
(Assumed Design Year)

Base Information:
Existing Year = 2020
Future Year = 2045
of Years = 25
Growth Rate = 1.00%
Growth Rate + 1 = 1.0100

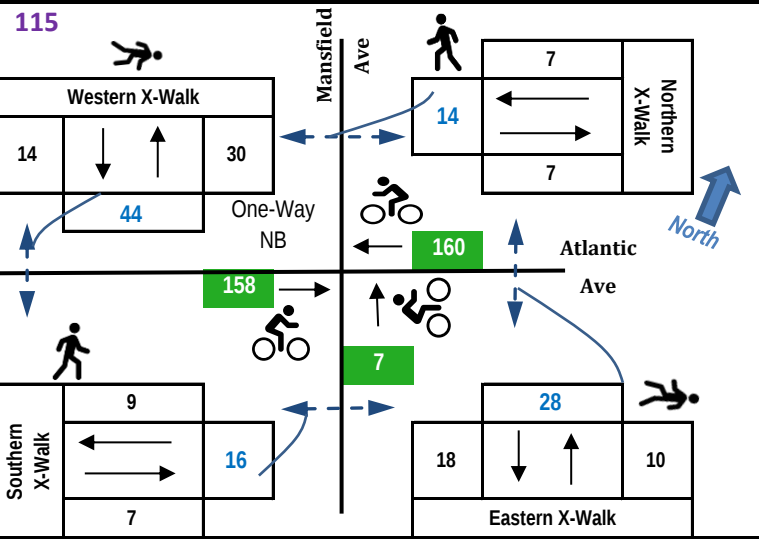
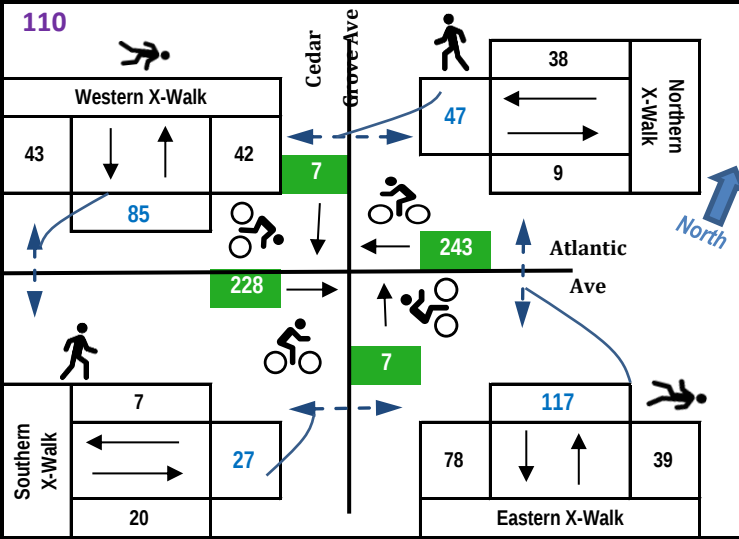
Definitions:
EV = Existing Volumes
FV = Future Volumes
Y = # of years
GR = Growth Rate

Linear Growth Equation:
$$FV = (((EV \times GR) - EV) \times Y) + EV$$

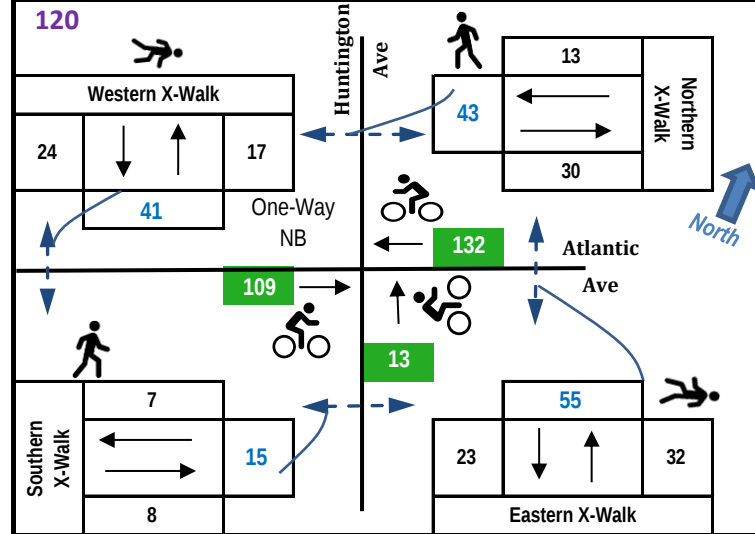
SAT Peak - Future 2045 Volumes (Bikes & Pedestrians)



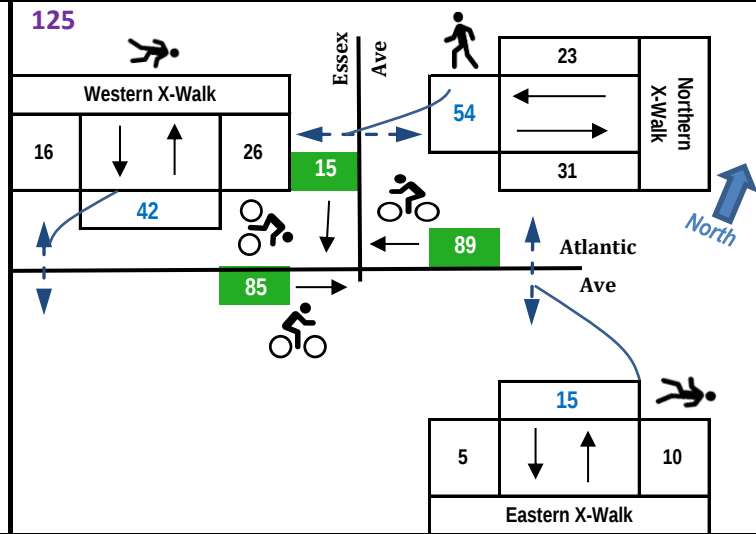
SAT Peak - Future 2045 Volumes (Bikes & Pedestrians)



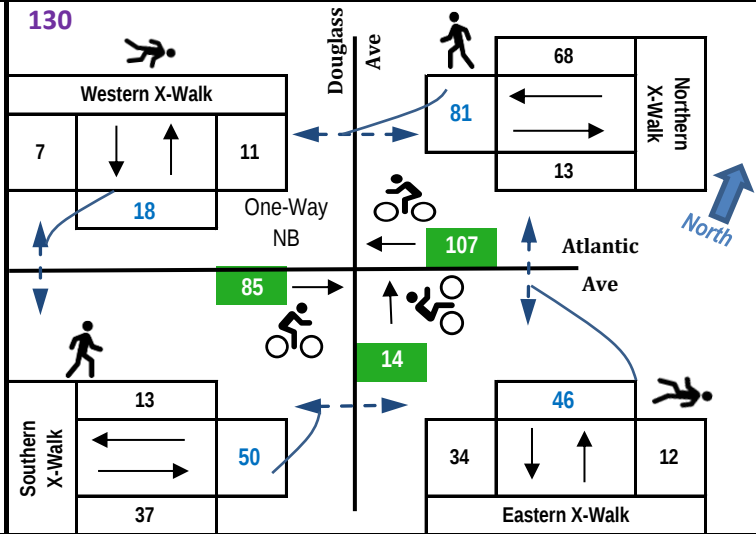
SAT Peak - Existing 2020 Volumes (Bikes & Pedestrians)



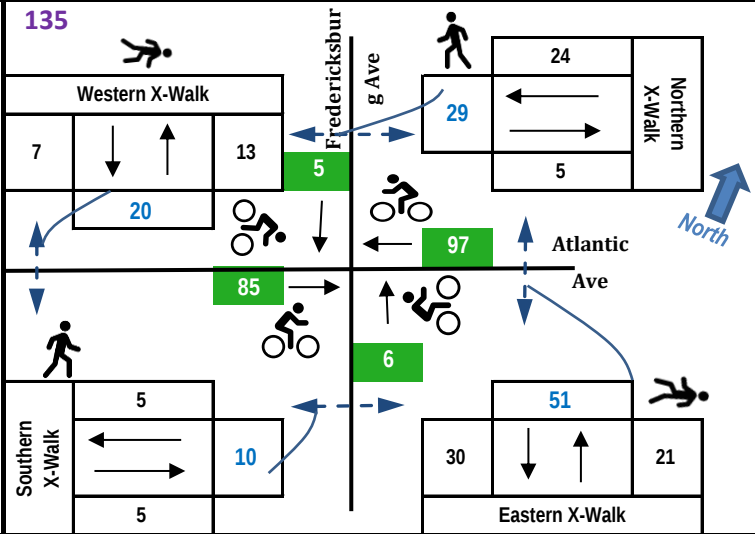
SAT Peak - Existing 2020 Volumes (Bikes & Pedestrians)



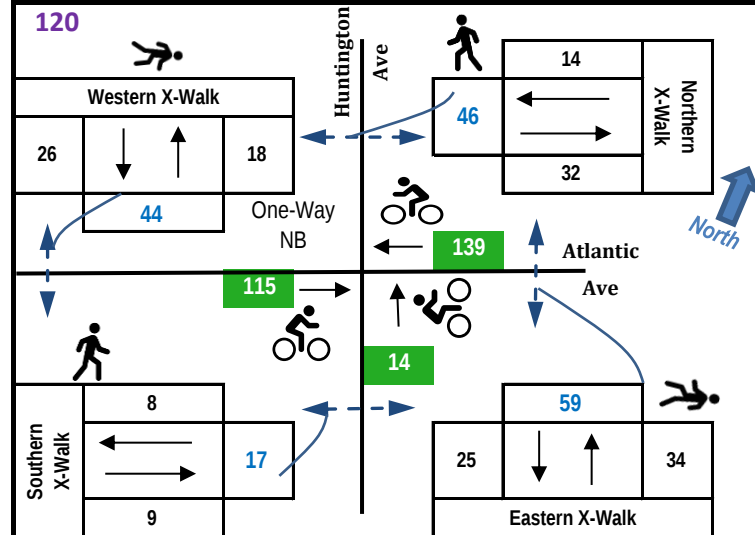
SAT Peak - Existing 2020 Volumes (Bikes & Pedestrians)



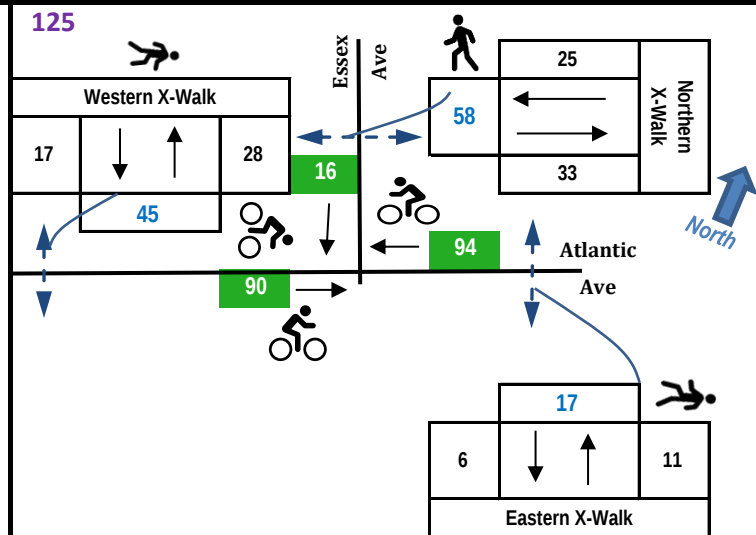
SAT Peak - Existing 2020 Volumes (Bikes & Pedestrians)



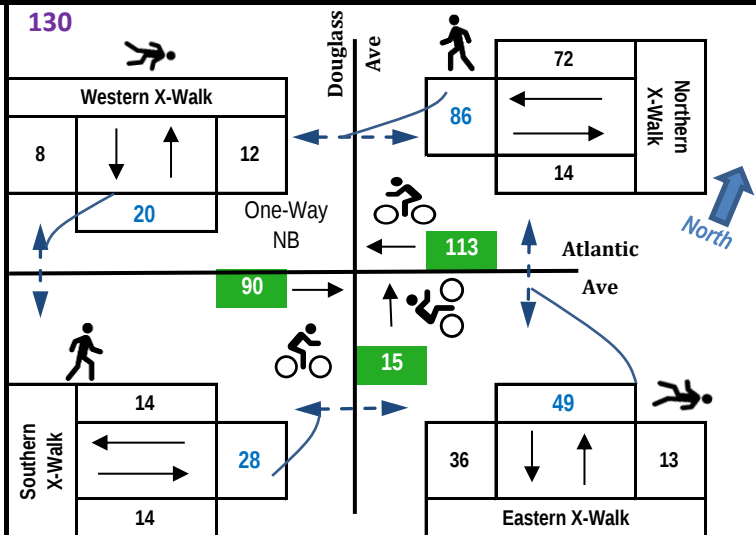
SAT Peak - Future 2025 Volumes (Bikes & Pedestrians)



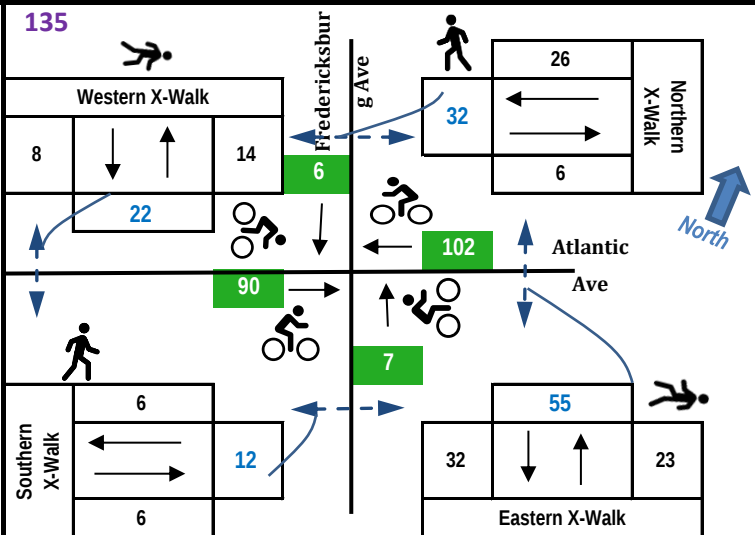
SAT Peak - Future 2025 Volumes (Bikes & Pedestrians)



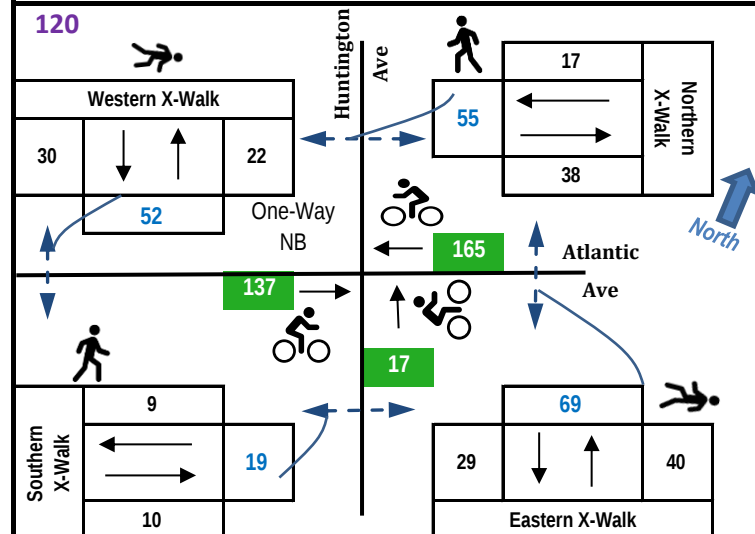
SAT Peak - Future 2025 Volumes (Bikes & Pedestrians)



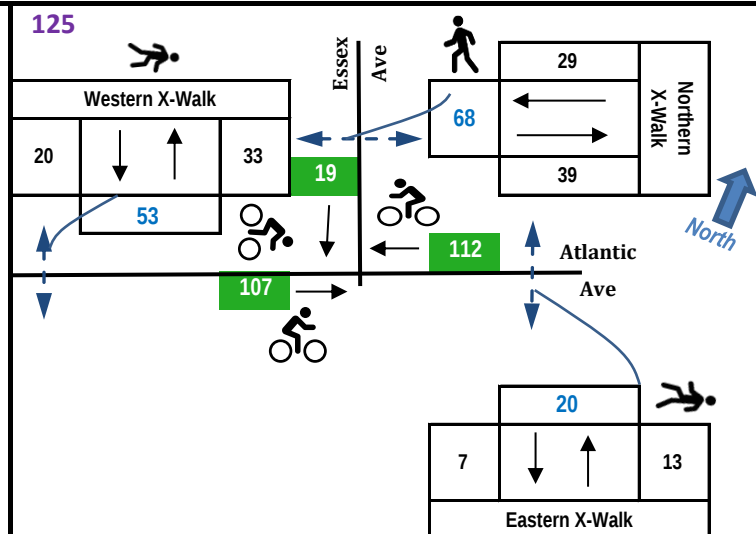
SAT Peak - Future 2025 Volumes (Bikes & Pedestrians)



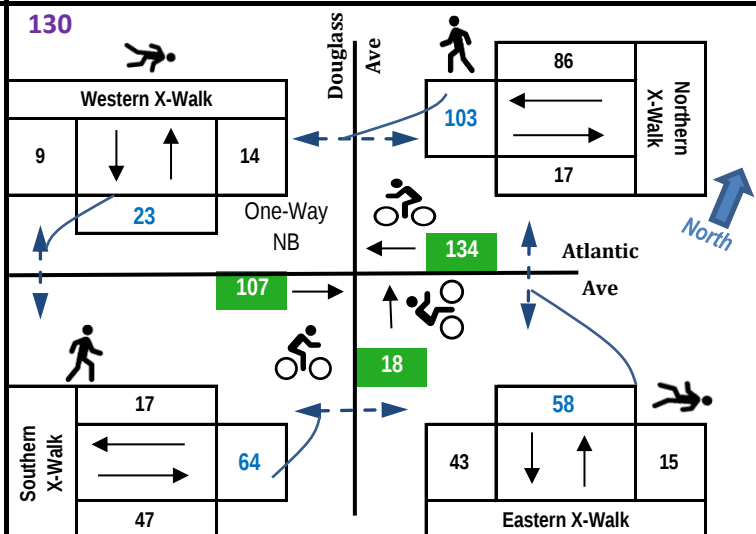
SAT Peak - Future 2045 Volumes (Bikes & Pedestrians)



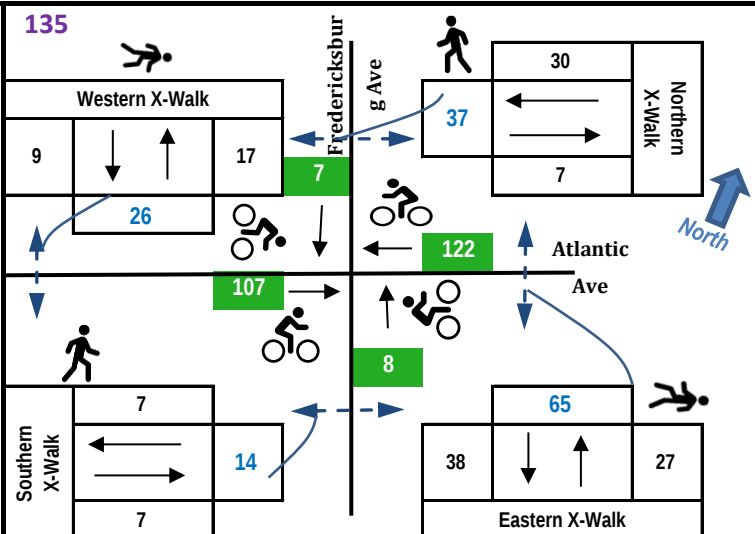
SAT Peak - Future 2045 Volumes (Bikes & Pedestrians)



SAT Peak - Future 2045 Volumes (Bikes & Pedestrians)



SAT Peak - Future 2045 Volumes (Bikes & Pedestrians)



Coolidge Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick Engineers &

Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Coolidge Avenue Northbound						Coolidge Avenue Southbound							
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int	
2020-07-02 7:00AM	0	30	0	0	30	1	0	36	1	0	37	0	0	0	0	0	0	3	0	0	0	1	0	1	4	68
7:15AM	1	32	0	0	33	0	0	30	0	0	30	0	0	0	0	0	0	4	2	0	0	0	2	3	65	
7:30AM	1	49	0	0	50	0	0	56	2	0	58	0	0	0	0	0	0	6	0	0	0	0	0	5	108	
7:45AM	0	53	0	0	53	0	2	41	1	0	44	3	2	0	2	0	4	9	0	1	0	0	1	11	102	
Hourly Total	2	164	0	0	166	1	2	163	4	0	169	3	2	0	2	0	4	22	2	1	1	0	4	23	343	
8:00AM	0	66	0	0	66	4	0	46	3	0	49	0	0	0	0	0	0	16	1	1	1	0	3	8	118	
8:15AM	0	58	0	0	58	0	0	51	2	0	53	0	0	0	0	0	0	14	2	0	3	0	5	9	116	
8:30AM	2	61	0	1	64	0	1	63	2	0	66	4	0	0	0	0	0	15	1	0	1	0	2	10	132	
8:45AM	2	85	0	0	87	0	2	55	1	0	58	2	0	0	0	0	0	13	3	0	0	0	3	2	148	
Hourly Total	4	270	0	1	275	4	3	215	8	0	226	6	0	0	0	0	0	58	7	1	5	0	13	29	514	
9:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:00PM	1	68	0	0	69	5	0	72	3	0	75	13	0	0	0	0	0	2	3	2	6	0	11	5	155	
4:15PM	1	70	0	0	71	2	0	82	2	0	84	6	0	2	0	0	2	2	3	0	3	0	6	1	163	
4:30PM	0	80	0	0	80	5	1	89	2	0	92	5	0	0	0	0	0	10	2	1	3	0	6	2	178	
4:45PM	2	71	0	0	73	5	0	64	4	0	68	22	0	4	0	0	4	13	4	0	5	0	9	6	154	
Hourly Total	4	289	0	0	293	17	1	307	11	0	319	46	0	6	0	0	6	27	12	3	17	0	32	14	650	
5:00PM	3	67	0	0	70	2	0	82	4	0	86	5	0	3	0	0	3	5	1	0	1	0	2	6	161	
5:15PM	2	74	0	0	76	1	0	91	4	0	95	16	0	3	0	0	3	13	4	0	2	0	6	8	180	
5:30PM	2	78	1	0	81	1	1	67	2	0	70	10	1	0	0	0	1	7	2	0	3	0	5	6	157	
5:45PM	3	81	0	0	84	0	0	87	3	0	90	2	0	1	2	0	3	12	3	0	1	0	4	14	181	
Hourly Total	10	300	1	0	311	4	1	327	13	0	341	33	1	7	2	0	10	37	10	0	7	0	17	34	679	
6:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2020-07-04 11:00AM	2	108	0	0	110	7	0	98	4	0	102	5	0	0	0	0	0	44	1	0	2	0	3	27	215	
11:15AM	4	130	3	0	137	2	0	106	2	0	108	10	0	1	2	0	3	43	2	0	2	0	4	35	252	
11:30AM	3	121	1	1	126	2	2	127	7	0	136	7	0	2	0	0	2	34	3	1	5	0	9	17	273	
11:45AM	6	121	0	0	127	0	2	120	9	0	131	13	0	1	1	0	2	42	6	1	6	0	13	18	273	
Hourly Total	15	480	4	1	500	11	4	451	22	0	477	35	0	4	3	0	7	163	12	2	15	0	29	97	1013	
12:00PM	1	109	5	0	115	8	0	118	5	2	125	13	0	3	0	0	3	18	8	2	2	0	12	14	255	
12:15PM	3	141	3	0	147	7	2	114	9	0	125	11	0	2	1	0	3	19	7	2	5	0	14	12	289	
12:30PM	3	115	3	1	122	7	0	100	5	0	105	5	1	3	1	0	5	17	5	1	8	0	14	11	246	
12:45PM	5	127	0	0	132	14	0	87	2	0	89	13	0	0	0	0	0	19	6	2	4	0	12	12	233	
Hourly Total	12	492	11	1	516	36	2	419	21	2	444	42	1	8	2	0	11	73	26	7	19	0	52	49	1023	
1:00PM	4	121	1	0	126	8	0	96	7	0	103	11	1	0	1	0	2	25	4	1	2	0	7	4	238	
1:15PM	6	102	0	0	108	13	1	128	2	0	131	25	1	0	1	0	2	11	5	3	6	0	14	4	255	
1:30PM	2	93	3	0	98	5	1	91	5	0	97	17	0	1	2	0	3	35	10	4	5	0	19	6	217	
1:45PM	1	95	1	0	97	6	0	111	1	0	112	16	0	0	1	0	1	20	4	2	5	0	11	8	221	
Hourly Total	13	411	5	0	429	32	2	426	15	0	443	69	2	1	5	0	8	91	23	10	18	0	51	22	931	
2:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	60	2406	21	3	2490	105	15	2308	94	2	2419	234	6	26	14	0	46	471	92	24	82	0	198	268	5153	
% Approach	2.4%	96.6%	0.8%	0.1%	-	-	0.6%	95.4%	3.9%	0.1%	-	-	13.0%	56.5%	30.4%	0%	-	-	46.5%	12.1%	41.4%	0%	-	-	-	
% Total	1.2%	46.7%	0.4%	0.1%	48.3%	-	0.3%	44.8%	1.8%	0%	46.9%	-	0.1%	0.5%	0.3%	0%	0.9%	-	1.8%	0.5%	1.6%	0%	3.8%	-	-	
Lights	46	1674	9	2	1731	-	13	1702	81	2	1798	-	4	11	6	0	21	-	86	19	57	0	162	-	3712	
% Lights	76.7%	69.6%	42.9%	66.7%	69.5%	-	86.7%	73.7%	86.2%	100%	74.3%	-	66.7%	42.3%	42.9%	0%	45.7%	-	93.5%	79.2%	69.5%	0%	81.8%	-	72.0%	
Articulated Trucks and Single-Unit Trucks	0	26	0	0	26	-	0	28	0	0	28	-	0	0	0	0	0	-	1	0	0	0	1	-	55	
% Articulated Trucks and Single-Unit Trucks	0%	1.1%	0%	0%	1.0%	-	0%	1.2%	0%	0%	1.2%	-	0%	0%	0%	0%	0%	-	1.1%	0%	0%	0%	0.5%	-	1.1%	
Buses	0	1	0	0	1	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	2	
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	
Bicycles on Road	14	705	12	1	732	-	2	577	13	0	592	-	2	15	8	0	25	-	5	5	25	0	35	-	1384	
% Bicycles on Road	23.3%	29.3%	57.1%	33.3%	29.4%	-	13.3%	25.0%	13.8%	0%	24.5%	-	33.3%	57.7%	57.1%	0%	54.3%	-	5.4%	20.8%	30.5%	0%	17.7%	-	26.9%	
Pedestrians	-	-	-	-	-	100	-	-	-	-	-	218	-	-	-	-	-	462	-	-	-	-	-	261		
% Pedestrians	-	-	-	-	-	95.2%	-	-	-	-	-	93.2%	-	-	-	-	-	98.1%	-	-	-	-	-	97.4%	-	
Bicycles on Crosswalk	-	-	-	-	-	5	-	-	-	-	-	16	-	-	-	-	-	9	-	-	-	-	-	7		
% Bicycles on Crosswalk	-	-	-	-	-	4.8%	-	-	-	-	-	6.8%	-	-	-	-	-	1.9%	-	-	-	-	-	2.6%	-	

*Pedestrians and Bicycles on Crosswalk L: Left, R: Right, T: Thru, U: U-Turn

Coolidge Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Coolidge Avenue

Total: 378

In: 198 Out: 180

82 24 92

179

89

[W] Atlantic Avenue

Total: 4889
In: 2490 Out: 2399

46

3
60

2406

21

59

In: 2419

Total: 4933

Out: 2514

[E] Atlantic Avenue

94
2308

15

2

140

158 313
6 29 14

Out: 60 In: 46

Total: 106

[S] Coolidge Avenue

Coolidge Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

AM Peak (Jul 02 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Coolidge Avenue Northbound						Coolidge Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 8:00AM	0	66	0	0	66	4	0	46	3	0	49	0	0	0	0	0	0	16	1	1	1	0	3	8	118
8:15AM	0	58	0	0	58	0	0	51	2	0	53	0	0	0	0	0	0	14	2	0	3	0	5	9	116
8:30AM	2	61	0	1	64	0	1	63	2	0	66	4	0	0	0	0	0	15	1	0	1	0	2	10	132
8:45AM	2	85	0	0	87	0	2	55	1	0	58	2	0	0	0	0	0	13	3	0	0	0	3	2	148
Total	4	270	0	1	275	4	3	215	8	0	226	6	0	0	0	0	0	58	7	1	5	0	13	29	514
% Approach	1.5%	98.2%	0%	0.4%	-	-	1.3%	95.1%	3.5%	0%	-	-	0%	0%	0%	0%	-	-	53.8%	7.7%	38.5%	0%	-	-	-
% Total	0.8%	52.5%	0%	0.2%	53.5%	-	0.6%	41.8%	1.6%	0%	44.0%	-	0%	0%	0%	0%	0%	-	1.4%	0.2%	1.0%	0%	2.5%	-	-
PHF	0.375	0.802	-	-	0.789	-	0.375	0.880	0.583	-	0.895	-	-	-	-	-	-	-	0.583	-	0.750	-	0.833	-	0.857
Lights	3	193	0	0	196	-	3	163	7	0	173	-	0	0	0	0	0	-	7	0	3	0	10	-	379
% Lights	75.0%	71.5%	0%	0%	71.3%	-	100%	75.8%	87.5%	0%	76.5%	-	0%	0%	0%	0%	-	-	100%	0%	60.0%	0%	76.9%	-	73.7%
Articulated Trucks and Single-Unit Trucks	0	6	0	0	6	-	0	6	0	0	6	-	0	0	0	0	0	-	0	0	0	0	0	-	12
% Articulated Trucks and Single-Unit Trucks	0%	2.2%	0%	0%	2.2%	-	0%	2.8%	0%	0%	2.7%	-	0%	0%	0%	0%	-	-	0%	0%	0%	0%	0%	-	2.3%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	-	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	1	71	0	1	73	-	0	46	1	0	47	-	0	0	0	0	0	-	0	1	2	0	3	-	123
% Bicycles on Road	25.0%	26.3%	0%	100%	26.5%	-	0%	21.4%	12.5%	0%	20.8%	-	0%	0%	0%	0%	-	-	0%	100%	40.0%	0%	23.1%	-	23.9%
Pedestrians	-	-	-	-	-	4	-	-	-	-	-	6	-	-	-	-	-	58	-	-	-	-	-	29	-
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Coolidge Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

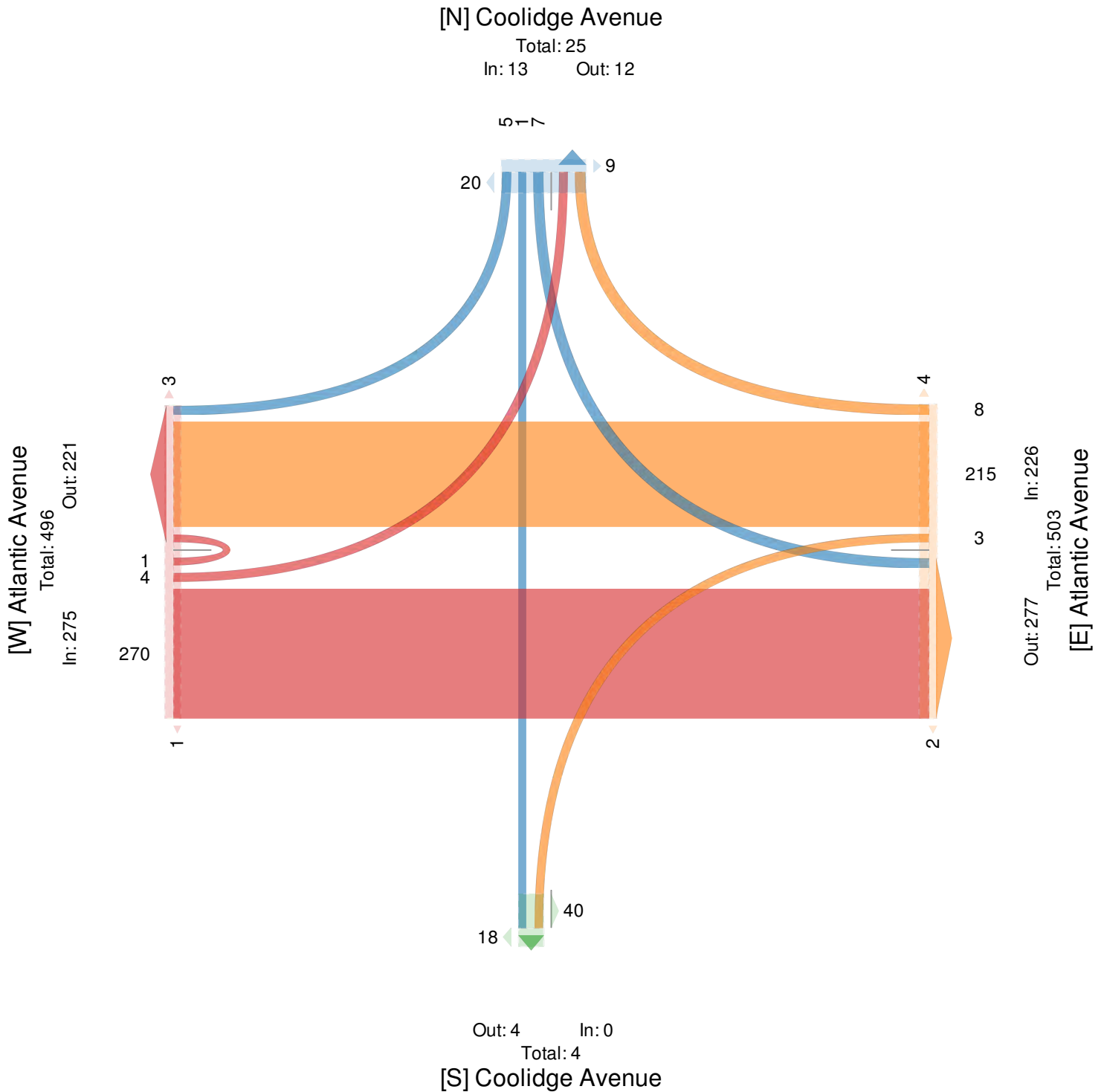
AM Peak (Jul 02 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians,
Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Coolidge Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

PM Peak (Jul 02 2020 4:30PM - 5:30 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick Engineers
& Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Coolidge Avenue Northbound						Coolidge Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 4:30PM	0	80	0	0	80	5	1	89	2	0	92	5	0	0	0	0	0	10	2	1	3	0	6	2	178
4:45PM	2	71	0	0	73	5	0	64	4	0	68	22	0	4	0	0	4	13	4	0	5	0	9	6	154
5:00PM	3	67	0	0	70	2	0	82	4	0	86	5	0	3	0	0	3	5	1	0	1	0	2	6	161
5:15PM	2	74	0	0	76	1	0	91	4	0	95	16	0	3	0	0	3	13	4	0	2	0	6	8	180
Total	7	292	0	0	299	13	1	326	14	0	341	48	0	10	0	0	10	41	11	1	11	0	23	22	673
% Approach	2.3%	97.7%	0%	0%	-	-	0.3%	95.6%	4.1%	0%	-	-	0%	100%	0%	0%	-	-	47.8%	4.3%	47.8%	0%	-	-	-
% Total	1.0%	43.4%	0%	0%	44.4%	-	0.1%	48.4%	2.1%	0%	50.7%	-	0%	1.5%	0%	0%	1.5%	-	1.6%	0.1%	1.6%	0%	3.4%	-	-
PHF	0.750	0.929	-	-	0.937	-	0.250	0.903	0.688	-	0.907	-	-	0.250	-	-	0.250	-	0.688	-	0.550	-	0.611	-	0.935
Lights	6	256	0	0	262	-	1	284	11	0	296	-	0	2	0	0	2	-	10	0	11	0	21	-	581
% Lights	85.7%	87.7%	0%	0%	87.6%	-	100%	87.1%	78.6%	0%	86.8%	-	0%	20.0%	0%	0%	20.0%	-	90.9%	0%	100%	0%	91.3%	-	86.3%
Articulated Trucks and Single-Unit Trucks	0	4	0	0	4	-	0	4	0	0	4	-	0	0	0	0	0	-	1	0	0	0	1	-	9
% Articulated Trucks and Single-Unit Trucks	0%	1.4%	0%	0%	1.3%	-	0%	1.2%	0%	0%	1.2%	-	0%	0%	0%	0%	0%	-	9.1%	0%	0%	0%	4.3%	-	1.3%
Buses	0	0	0	0	0	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	1
% Buses	0%	0%	0%	0%	0%	-	0%	0.3%	0%	0%	0.3%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.1%
Bicycles on Road	1	32	0	0	33	-	0	37	3	0	40	-	0	8	0	0	8	-	0	1	0	0	1	-	82
% Bicycles on Road	14.3%	11.0%	0%	0%	11.0%	-	0%	11.3%	21.4%	0%	11.7%	-	0%	80.0%	0%	0%	80.0%	-	0%	100%	0%	0%	4.3%	-	12.2%
Pedestrians	-	-	-	-	-	13	-	-	-	-	-	48	-	-	-	-	-	39	-	-	-	-	-	18	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	95.1%	-	-	-	-	-	81.8%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	4	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	4.9%	-	-	-	-	-	18.2%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Coolidge Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

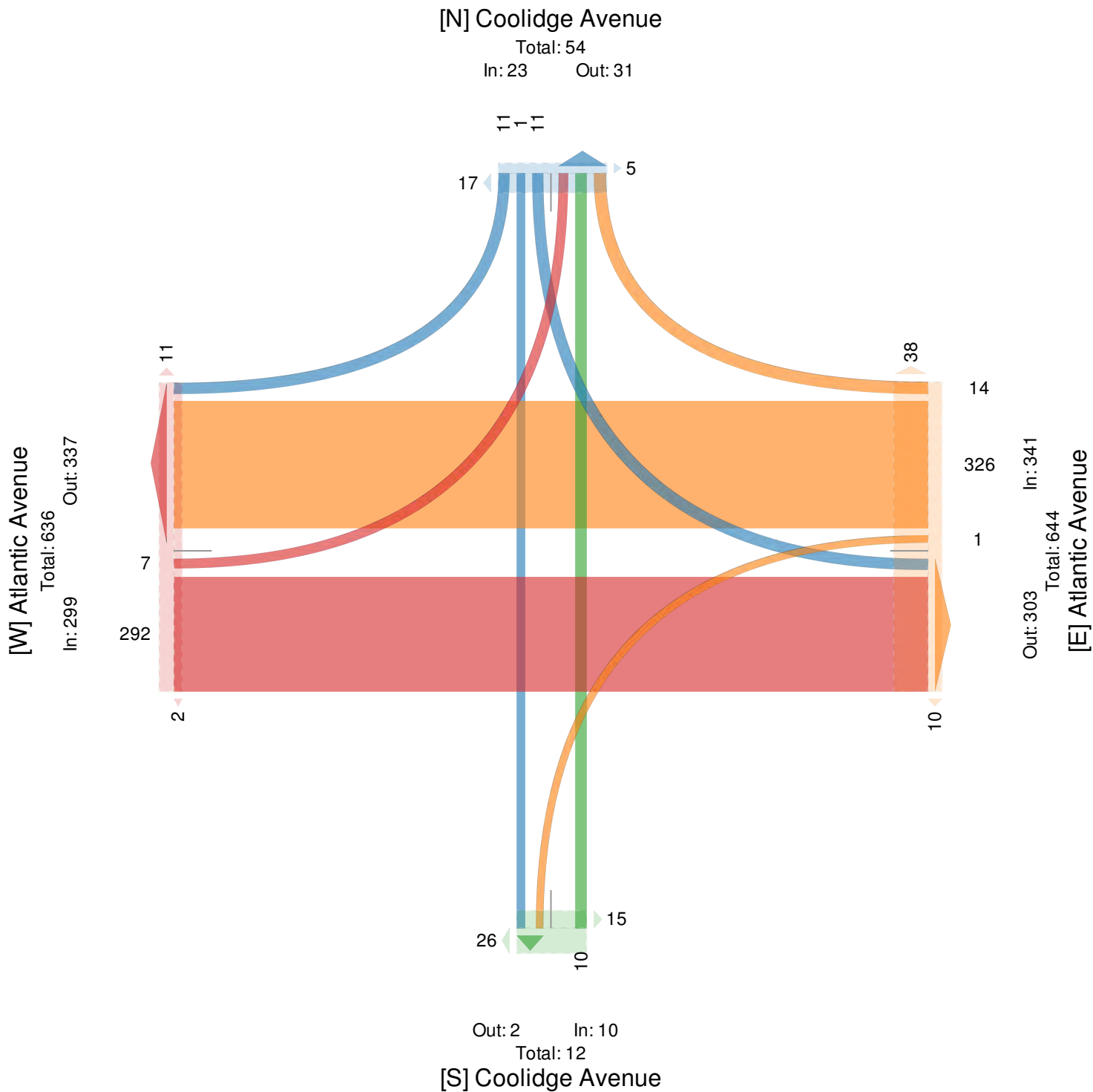
PM Peak (Jul 02 2020 4:30PM - 5:30 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Coolidge Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

Midday Peak (WKND) (Jul 04 2020 11:30AM - 12:30 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road,

Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Coolidge Avenue Northbound						Coolidge Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-04 11:30AM	3	121	1	1	126	2	2	127	7	0	136	7	0	2	0	0	2	34	3	1	5	0	9	17	273
11:45AM	6	121	0	0	127	0	2	120	9	0	131	13	0	1	1	0	2	42	6	1	6	0	13	18	273
12:00PM	1	109	5	0	115	8	0	118	5	2	125	13	0	3	0	0	3	18	8	2	2	0	12	14	255
12:15PM	3	141	3	0	147	7	2	114	9	0	125	11	0	2	1	0	3	19	7	2	5	0	14	12	289
Total	13	492	9	1	515	17	6	479	30	2	517	44	0	8	2	0	10	113	24	6	18	0	48	61	1090
% Approach	2.5%	95.5%	1.7%	0.2%	-	-	1.2%	92.6%	5.8%	0.4%	-	-	0%	80.0%	20.0%	0%	-	-	50.0%	12.5%	37.5%	0%	-	-	-
% Total	1.2%	45.1%	0.8%	0.1%	47.2%	-	0.6%	43.9%	2.8%	0.2%	47.4%	-	0%	0.7%	0.2%	0%	0.9%	-	2.2%	0.6%	1.7%	0%	4.4%	-	-
PHF	0.500	0.758	0.750	0.250	0.763	-	0.750	0.965	0.667	0.250	0.980	-	-	0.500	0.500	-	0.500	-	0.750	0.750	0.625	-	0.833	-	0.878
Lights	10	286	3	1	300	-	6	304	24	2	336	-	0	4	2	0	6	-	24	6	10	0	40	-	682
% Lights	76.9%	58.1%	33.3%	100%	58.3%	-	100%	63.5%	80.0%	100%	65.0%	-	0%	50.0%	100%	0%	60.0%	-	100%	100%	55.6%	0%	83.3%	-	62.6%
Articulated Trucks and Single-Unit Trucks	0	4	0	0	4	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	5
% Articulated Trucks and Single-Unit Trucks	0%	0.8%	0%	0%	0.8%	-	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.5%
Buses	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	1
% Buses	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.1%
Bicycles on Road	3	201	6	0	210	-	0	174	6	0	180	-	0	4	0	0	4	-	0	0	8	0	8	-	402
% Bicycles on Road	23.1%	40.9%	66.7%	0%	40.8%	-	0%	36.3%	20.0%	0%	34.8%	-	0%	50.0%	0%	0%	40.0%	-	0%	0%	44.4%	0%	16.7%	-	36.9%
Pedestrians	-	-	-	-	-	14	-	-	-	-	-	39	-	-	-	-	-	111	-	-	-	-	-	61	
% Pedestrians	-	-	-	-	-	82.4%	-	-	-	-	-	88.6%	-	-	-	-	-	98.2%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	3	-	-	-	-	-	5	-	-	-	-	-	2	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	17.6%	-	-	-	-	-	11.4%	-	-	-	-	-	1.8%	-	-	-	-	-	0%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Sat Jul 4, 2020
 Midday Peak (WKND) (Jul 04 2020 11:30AM - 12:30 PM)
 All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians,
 Bicycles on Road, Bicycles on Crosswalk)
 All Movements
 ID: 769384, Location: 39.318182, -74.516542

[N] Coolidge Avenue

Total: 99
In: 48 Out: 51



Coolidge Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

PM Peak (WKND) (Jul 04 2020 1PM - 2 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Coolidge Avenue Northbound						Coolidge Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-04 1:00PM	4	121	1	0	126	8	0	96	7	0	103	11	1	0	1	0	2	25	4	1	2	0	7	4	238
1:15PM	6	102	0	0	108	13	1	128	2	0	131	25	1	0	1	0	2	11	5	3	6	0	14	4	255
1:30PM	2	93	3	0	98	5	1	91	5	0	97	17	0	1	2	0	3	35	10	4	5	0	19	6	217
1:45PM	1	95	1	0	97	6	0	111	1	0	112	16	0	0	1	0	1	20	4	2	5	0	11	8	221
Total	13	411	5	0	429	32	2	426	15	0	443	69	2	1	5	0	8	91	23	10	18	0	51	22	931
% Approach	3.0%	95.8%	1.2%	0%	-	-	0.5%	96.2%	3.4%	0%	-	-	25.0%	12.5%	62.5%	0%	-	-	45.1%	19.6%	35.3%	0%	-	-	-
% Total	1.4%	44.1%	0.5%	0%	46.1%	-	0.2%	45.8%	1.6%	0%	47.6%	-	0.2%	0.1%	0.5%	0%	0.9%	-	2.5%	1.1%	1.9%	0%	5.5%	-	-
PHF	0.550	0.938	0.500	-	0.926	-	0.500	0.882	0.583	-	0.915	-	0.500	0.250	0.500	-	0.625	-	0.625	0.667	0.600	-	0.714	-	0.968
Lights	11	284	4	0	299	-	2	327	14	0	343	-	2	1	2	0	5	-	20	8	12	0	40	-	687
% Lights	84.6%	69.1%	80.0%	0%	69.7%	-	100%	76.8%	93.3%	0%	77.4%	-	100%	100%	40.0%	0%	62.5%	-	87.0%	80.0%	66.7%	0%	78.4%	-	73.8%
Articulated Trucks and Single-Unit Trucks	0	1	0	0	1	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	2
% Articulated Trucks and Single-Unit Trucks	0%	0.2%	0%	0%	0.2%	-	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.2%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	2	126	1	0	129	-	0	98	1	0	99	-	0	0	3	0	3	-	3	2	6	0	11	-	242
% Bicycles on Road	15.4%	30.7%	20.0%	0%	30.1%	-	0%	23.0%	6.7%	0%	22.3%	-	0%	0%	60.0%	0%	37.5%	-	13.0%	20.0%	33.3%	0%	21.6%	-	26.0%
Pedestrians	-	-	-	-	-	30	-	-	-	-	-	69	-	-	-	-	-	88	-	-	-	-	-	22	
% Pedestrians	-	-	-	-	-	93.8%	-	-	-	-	-	100%	-	-	-	-	-	96.7%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	6.3%	-	-	-	-	-	0%	-	-	-	-	-	3.3%	-	-	-	-	-	0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Coolidge Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

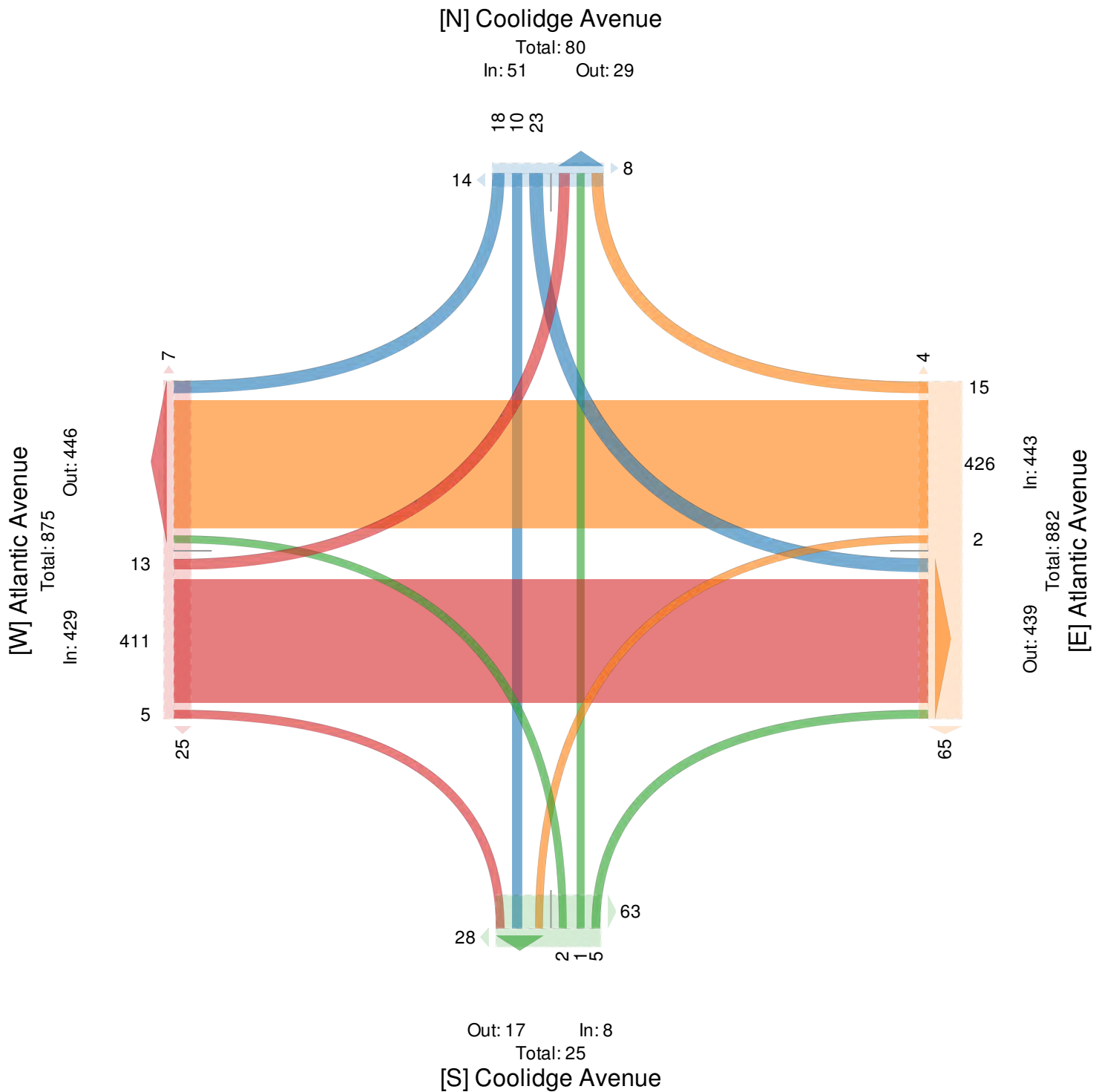
PM Peak (WKND) (Jul 04 2020 1PM - 2 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769384, Location: 39.318182, -74.516542

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Washington Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Washington Avenue Northbound						Washington Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 7:00AM	1	30	0	0	31	1	1	35	10	0	46	0	1	0	0	0	1	4	5	0	0	0	5	3	83
7:15AM	1	34	0	0	35	3	2	30	10	0	42	0	0	0	1	0	1	5	1	0	0	0	1	6	79
7:30AM	1	46	0	0	47	0	1	53	7	0	61	1	0	0	0	0	0	7	7	0	1	0	8	11	116
7:45AM	3	60	0	0	63	6	2	50	13	1	66	0	0	0	2	0	2	9	1	0	1	0	2	7	133
Hourly Total	6	170	0	0	176	10	6	168	40	1	215	1	1	0	3	0	4	25	14	0	2	0	16	27	411
8:00AM	6	67	0	0	73	8	1	54	17	0	72	1	0	1	1	0	2	12	5	0	0	0	5	9	152
8:15AM	4	63	0	0	67	2	1	65	19	0	85	2	0	0	0	0	0	6	5	0	1	0	6	3	158
8:30AM	7	64	1	0	72	3	0	76	15	0	91	8	0	0	0	0	0	5	6	0	3	0	9	4	172
8:45AM	5	84	1	0	90	3	1	71	15	0	87	2	1	0	0	0	1	6	8	0	3	0	11	3	189
Hourly Total	22	278	2	0	302	16	3	266	66	0	335	13	1	1	1	0	3	29	24	0	7	0	31	19	671
9:00AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4:00PM	6	81	0	0	87	31	0	78	14	0	92	12	1	2	0	0	3	9	8	0	2	0	10	6	192
4:15PM	13	73	1	0	87	8	0	78	11	0	89	13	0	0	0	0	0	3	9	0	1	0	10	6	186
4:30PM	3	83	2	0	88	18	0	92	20	0	112	16	1	2	0	0	3	15	9	0	2	0	11	4	214
4:45PM	1	74	0	0	75	13	1	69	20	1	91	11	0	2	1	0	3	4	8	0	0	0	8	8	177
Hourly Total	23	311	3	0	337	70	1	317	65	1	384	52	2	6	1	0	9	31	34	0	5	0	39	24	769
5:00PM	3	85	0	0	88	9	2	89	20	0	111	12	0	0	0	0	0	5	3	0	2	0	5	8	204
5:15PM	8	82	0	0	90	10	1	100	19	1	121	12	2	0	4	0	6	14	6	0	2	0	8	15	225
5:30PM	5	94	0	0	99	20	2	78	18	0	98	13	0	7	5	0	12	16	9	0	3	0	12	6	221
5:45PM	8	94	3	0	105	6	2	102	16	1	121	16	0	4	2	0	6	12	7	0	2	0	9	11	241
Hourly Total	24	355	3	0	382	45	7	369	73	2	451	53	2	11	11	0	24	47	25	0	9	0	34	40	891
6:00PM	0	2	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	2	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020-07-04 11:00AM	11	116	2	0	129	7	2	110	31	0	143	13	1	1	1	0	3	30	5	0	1	0	6	27	281
11:15AM	4	116	5	0	125	22	5	111	18	0	134	20	0	2	6	0	8	39	12	0	3	0	15	38	282
11:30AM	13	123	2	0	138	15	2	137	27	0	166	19	1	5	1	0	7	36	10	0	5	0	15	30	326
11:45AM	9	139	1	0	149	17	3	135	28	0	166	15	3	1	2	0	6	41	11	4	3	0	18	20	339
Hourly Total	37	494	10	0	541	61	12	493	104	0	609	67	5	9	10	0	24	146	38	4	12	0	54	115	1228
12:00PM	11	126	5	0	142	27	1	119	21	0	141	20	3	1	0	0	4	19	6	2	4	0	12	27	299
12:15PM	6	145	2	0	153	31	1	119	27	0	147	16	1	2	3	0	6	29	8	6	1	0	15	22	321
12:30PM	13	125	3	0	141	20	2	101	20	0	123	12	0	2	5	0	7	22	8	6	3	0	17	19	288
12:45PM	10	124	0	0	134	23	6	120	19	0	145	31	0	0	2	0	2	20	11	0	2	0	13	15	294
Hourly Total	40	520	10	0	570	101	10	459	87	0	556	79	4	5	10	0	19	90	33	14	10	0	57	83	1202
1:00PM	8	123	4	1	136	23	3	103	29	0	135	30	1	7	2	0	10	33	18	2	2	0	22	33	303
1:15PM	6	123	5	0	134	64	5	127	18	1	151	37	0	0	1	0	1	22	12	4	4	0	20	27	306
1:30PM	3	117	2	0	122	38	3	92	22	0	117	41	1	7	4	0	12	25	9	3	3	0	15	25	266
1:45PM	6	99	5	0	110	32	2	109	26	0	137	26	0	0	2	0	2	24	14	1	0	0	15	28	264
Hourly Total	23	462	16	1	502	157	13	431	95	1	540	134	2	14	9	0	25	104	53	10	9	0	72	113	1139
2:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	175	2594	44	1	2814	460	52	2504	530	5	3091	399	17	46	45	0	108	472	221	28	54	0	303	421	6316
% Approach	6.2%	92.2%	1.6%	0%	-	-	1.7%	81.0%	17.1%	0.2%	-	-	15.7%	42.6%	41.7%	0%	-	-	72.9%	9.2%	17.8%	0%	-	-	-
% Total	2.8%	41.1%	0.7%	0%	44.6%	-	0.8%	39.6%	8.4%	0.1%	48.9%	-	0.3%	0.7%	0.7%	0%	1.7%	-	3.5%	0.4%	0.9%	0%	4.8%	-	-
Lights	155	1901	14	1	2071	-	44	1927	435	4	2410	-	17	18	24	0	59	-	151	3	33	0	187	-	4727
% Lights	88.6%	73.3%	31.8%	100%	73.6%	-	84.6%	77.0%	82.1%	80.0%	78.0%	-	100%	39.1%	53.3%	0%	54.6%	-	68.3%	10.7%	61.1%	0%	61.7%	-	74.8%
Articulated Trucks and Single-Unit Trucks	2	24	2	0	28	-	1	35	7	0	43	-	0	2	0	0	2	-	1	0	0	0	1	-	74
% Articulated Trucks and Single-Unit Trucks	1.1%	0.9%	4.5%	0%	1.0%	-	1.9%	1.4%	1.3%	0%	1.4%	-	0%	4.3%	0%	0%	1.9%	-	0.5%	0%	0%	0%	0.3%	-	1.2%
Buses	0	1	0	0	1	-	0	2	0	0	2	-	0	0	0	0	0	-	0	0	0	0	0	-	3
% Buses	0%	0%	0%	0%	0%	-	0%	0.1%	0%	0%	0.1%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	18	668	28	0	714	-	7	540	88	1	636	-	0	26	21	0	47	-	69	25	21	0	115	-	1512
% Bicycles on Road	10.3%	25.8%	63.6%	0%	25.4%	-	13.5%	21.6%	16.6%	20.0%	20.6%	-	0%	56.5%	46.7%	0%	43.5%	-	31.2%	89.3%	38.9%	0%	38.0%	-	23.9%
Pedestrians	-	-	-	-	-	427	-	-	-	-	-	369	-	-	-	-	-	438	-	-	-	-	-	363	-
% Pedestrians	-	-	-	-	-	-92.8%	-	-	-	-	-	-92.5%	-	-	-	-	-	-92.8%	-	-	-	-	-	-86.2%	-
Bicycles on Crosswalk	-	-	-	-	-	33	-	-	-	-	-	30	-	-	-	-	-	34	-	-	-	-	-	58	-
% Bicycles on Crosswalk	-	-	-	-	-	-7.2%	-	-	-	-	-	-7.5%	-	-	-	-	-	-7.2%	-	-	-	-	-	-13.8%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Washington Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick

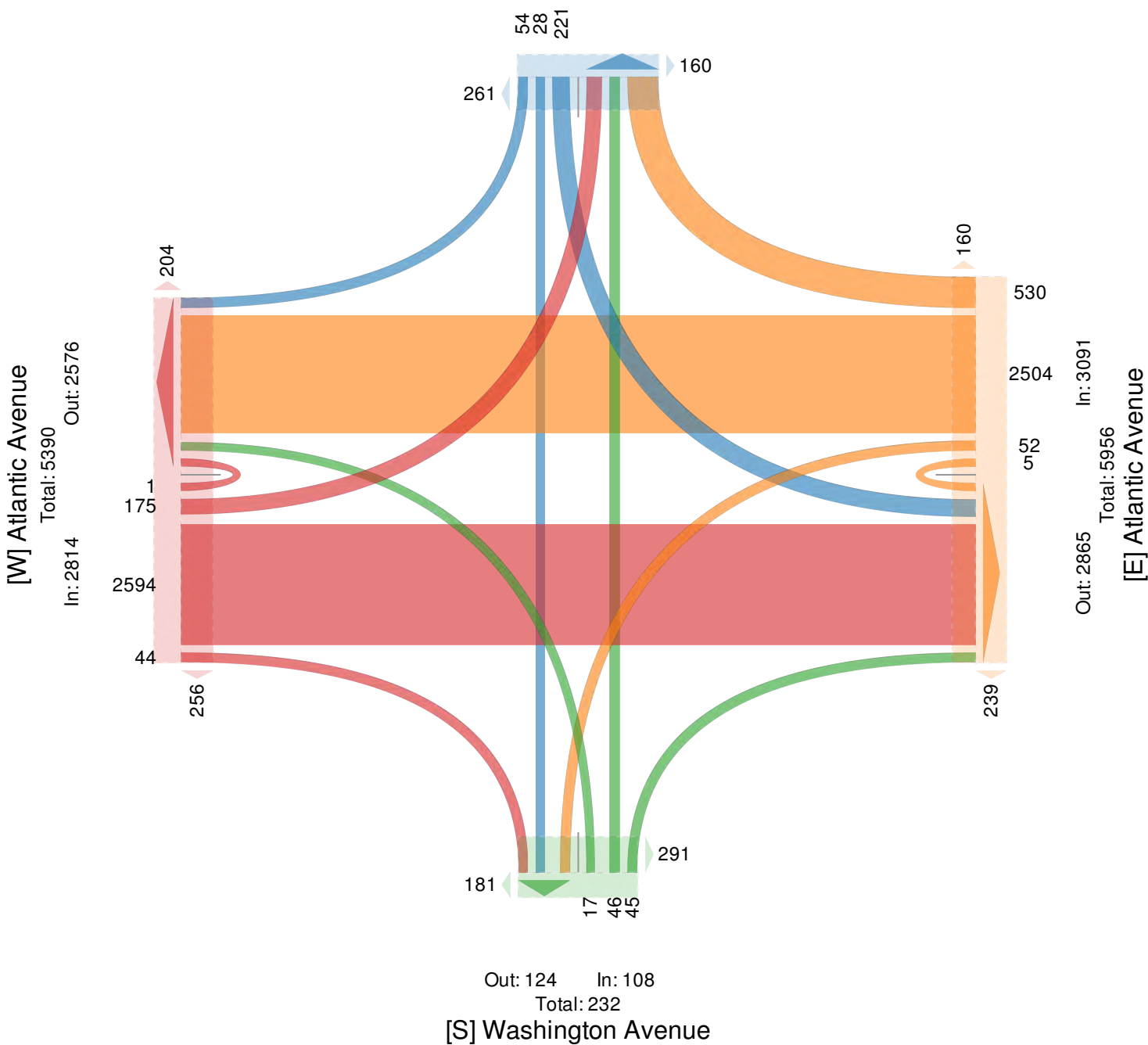
Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Washington Avenue

Total: 1054

In: 303 Out: 751



Washington Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

AM Peak (Jul 02 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Washington Avenue Northbound						Washington Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 8:00AM	6	67	0	0	73	8	1	54	17	0	72	1	0	1	1	0	2	12	5	0	0	0	5	9	152
8:15AM	4	63	0	0	67	2	1	65	19	0	85	2	0	0	0	0	0	6	5	0	1	0	6	3	158
8:30AM	7	64	1	0	72	3	0	76	15	0	91	8	0	0	0	0	0	5	6	0	3	0	9	4	172
8:45AM	5	84	1	0	90	3	1	71	15	0	87	2	1	0	0	0	1	6	8	0	3	0	11	3	189
Total	22	278	2	0	302	16	3	266	66	0	335	13	1	1	1	0	3	29	24	0	7	0	31	19	671
% Approach	7.3%	92.1%	0.7%	0%	-	-	0.9%	79.4%	19.7%	0%	-	-	33.3%	33.3%	33.3%	0%	-	-	77.4%	0%	22.6%	0%	-	-	-
% Total	3.3%	41.4%	0.3%	0%	45.0%	-	0.4%	39.6%	9.8%	0%	49.9%	-	0.1%	0.1%	0.1%	0%	0.4%	-	3.6%	0%	1.0%	0%	4.6%	-	-
PHF	0.679	0.769	0.500	-	0.778	-	0.750	0.899	0.853	-	0.922	-	0.250	0.250	0.250	-	0.375	-	0.650	-	-	-	0.650	-	0.845
Lights	18	198	2	0	218	-	3	213	58	0	274	-	1	1	1	0	3	-	13	0	0	0	13	-	508
% Lights	81.8%	71.2%	100%	0%	72.2%	-	100%	80.1%	87.9%	0%	81.8%	-	100%	100%	100%	0%	100%	-	54.2%	0%	0%	0%	41.9%	-	75.7%
Articulated Trucks and Single-Unit Trucks	1	5	0	0	6	-	0	10	0	0	10	-	0	0	0	0	0	-	0	0	0	0	0	-	16
% Articulated Trucks and Single-Unit Trucks	4.5%	1.8%	0%	0%	2.0%	-	0%	3.8%	0%	0%	3.0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	2.4%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	3	75	0	0	78	-	0	43	8	0	51	-	0	0	0	0	0	-	11	0	7	0	18	-	147
% Bicycles on Road	13.6%	27.0%	0%	0%	25.8%	-	0%	16.2%	12.1%	0%	15.2%	-	0%	0%	0%	0%	0%	-	45.8%	0%	100%	0%	58.1%	-	21.9%
Pedestrians	-	-	-	-	-	15	-	-	-	-	-	12	-	-	-	-	-	29	-	-	-	-	-	18	-
% Pedestrians	-	-	-	-	-	93.8%	-	-	-	-	-	92.3%	-	-	-	-	-	100%	-	-	-	-	-	94.7%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	1	-
% Bicycles on Crosswalk	-	-	-	-	-	6.3%	-	-	-	-	-	7.7%	-	-	-	-	-	0%	-	-	-	-	-	5.3%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Washington Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

AM Peak (Jul 02 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US

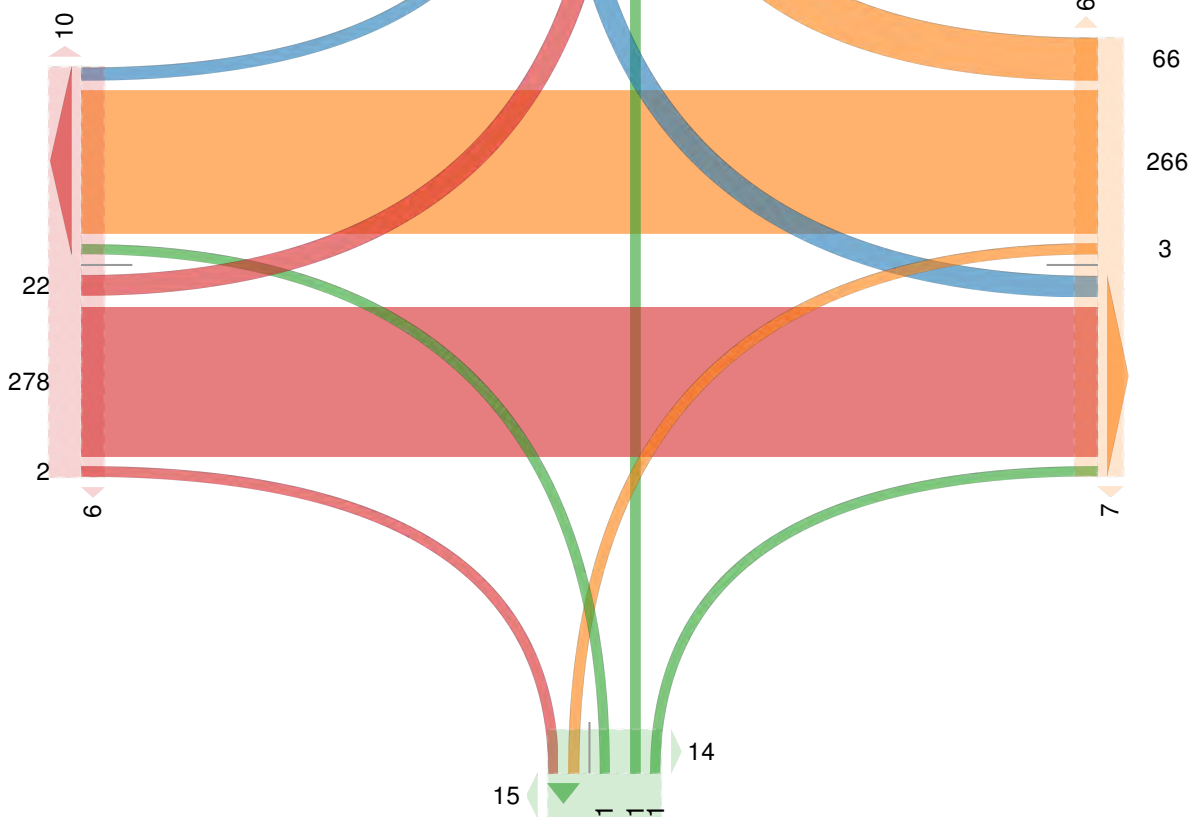
[N] Washington Avenue

Total: 120
In: 31 Out: 89

7 24
13 6

[W] Atlantic Avenue

Total: 576
In: 302 Out: 274



Out: 303 In: 335
Total: 638
[E] Atlantic Avenue

Out: 5 In: 3
Total: 8
[S] Washington Avenue

Washington Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

PM Peak (Jul 02 2020 5PM - 6 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Washington Avenue Northbound						Washington Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 5:00PM	3	85	0	0	88	9	2	89	20	0	111	12	0	0	0	0	0	5	3	0	2	0	5	8	204
5:15PM	8	82	0	0	90	10	1	100	19	1	121	12	2	0	4	0	6	14	6	0	2	0	8	15	225
5:30PM	5	94	0	0	99	20	2	78	18	0	98	13	0	7	5	0	12	16	9	0	3	0	12	6	221
5:45PM	8	94	3	0	105	6	2	102	16	1	121	16	0	4	2	0	6	12	7	0	2	0	9	11	241
Total	24	355	3	0	382	45	7	369	73	2	451	53	2	11	11	0	24	47	25	0	9	0	34	40	891
% Approach	6.3%	92.9%	0.8%	0%	-	-	1.6%	81.8%	16.2%	0.4%	-	-	8.3%	45.8%	45.8%	0%	-	-	73.5%	0%	26.5%	0%	-	-	-
% Total	2.7%	39.8%	0.3%	0%	42.9%	-	0.8%	41.4%	8.2%	0.2%	50.6%	-	0.2%	1.2%	1.2%	0%	2.7%	-	2.8%	0%	1.0%	0%	3.8%	-	-
PHF	0.750	0.924	0.250	-	0.925	-	0.750	0.938	0.908	0.250	0.940	-	0.250	0.375	0.417	-	0.625	-	0.611	-	1.000	-	0.682	-	0.940
Lights	24	313	1	0	338	-	6	326	66	1	399	-	2	2	5	0	9	-	22	0	8	0	30	-	776
% Lights	100%	88.2%	33.3%	0%	88.5%	-	85.7%	88.3%	90.4%	50.0%	88.5%	-	100%	18.2%	45.5%	0%	37.5%	-	88.0%	0%	88.9%	0%	88.2%	-	87.1%
Articulated Trucks and Single-Unit Trucks	0	5	1	0	6	-	0	4	3	0	7	-	0	1	0	0	1	-	0	0	0	0	0	-	14
% Articulated Trucks and Single-Unit Trucks	0%	1.4%	33.3%	0%	1.6%	-	0%	1.1%	4.1%	0%	1.6%	-	0%	9.1%	0%	0%	4.2%	-	0%	0%	0%	0%	0%	-	1.6%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	37	1	0	38	-	1	39	4	1	45	-	0	8	6	0	14	-	3	0	1	0	4	-	101
% Bicycles on Road	0%	10.4%	33.3%	0%	9.9%	-	14.3%	10.6%	5.5%	50.0%	10.0%	-	0%	72.7%	54.5%	0%	58.3%	-	12.0%	0%	11.1%	0%	11.8%	-	11.3%
Pedestrians	-	-	-	-	-	42	-	-	-	-	-	52	-	-	-	-	-	45	-	-	-	-	-	31	
% Pedestrians	-	-	-	-	-	93.3%	-	-	-	-	-	98.1%	-	-	-	-	-	95.7%	-	-	-	-	-	77.5%	-
Bicycles on Crosswalk	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	9	
% Bicycles on Crosswalk	-	-	-	-	-	6.7%	-	-	-	-	-	1.9%	-	-	-	-	-	4.3%	-	-	-	-	-	22.5%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Washington Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

PM Peak (Jul 02 2020 5PM - 6 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Washington Avenue

Total: 142

In: 34 Out: 108

9 25

27

13

35

73

369

In: 451

7

2

Total: 844

Out: 393

[E] Atlantic Avenue

[W] Atlantic Avenue

Total: 762

Out: 380

In: 382

24

355

3

11

20

2

11

11

27

Out: 10

In: 24

Total: 34

[S] Washington Avenue

Washington Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

Midday Peak (WKND) (Jul 04 2020 11:30AM - 12:30 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Washington Avenue Northbound						Washington Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-04 11:30AM	13	123	2	0	138	15	2	137	27	0	166	19	1	5	1	0	7	36	10	0	5	0	15	30	326
11:45AM	9	139	1	0	149	17	3	135	28	0	166	15	3	1	2	0	6	41	11	4	3	0	18	20	339
12:00PM	11	126	5	0	142	27	1	119	21	0	141	20	3	1	0	0	4	19	6	2	4	0	12	27	299
12:15PM	6	145	2	0	153	31	1	119	27	0	147	16	1	2	3	0	6	29	8	6	1	0	15	22	321
Total	39	533	10	0	582	90	7	510	103	0	620	70	8	9	6	0	23	125	35	12	13	0	60	99	1285
% Approach	6.7%	91.6%	1.7%	0%	-	-	1.1%	82.3%	16.6%	0%	-	-	34.8%	39.1%	26.1%	0%	-	-	58.3%	20.0%	21.7%	0%	-	-	-
% Total	3.0%	41.5%	0.8%	0%	45.3%	-	0.5%	39.7%	8.0%	0%	48.2%	-	0.6%	0.7%	0.5%	0%	1.8%	-	2.7%	0.9%	1.0%	0%	4.7%	-	-
PHF	0.750	0.795	0.500	-	0.834	-	0.583	0.882	0.905	-	0.886	-	0.667	0.583	0.750	-	0.900	-	0.679	-	0.500	-	0.844	-	0.949
Lights	33	344	4	0	381	-	7	334	76	0	417	-	8	7	3	0	18	-	19	0	8	0	27	-	843
% Lights	84.6%	64.5%	40.0%	0%	65.5%	-	100%	65.5%	73.8%	0%	67.3%	-	100%	77.8%	50.0%	0%	78.3%	-	54.3%	0%	61.5%	0%	45.0%	-	65.6%
Articulated Trucks and Single-Unit Trucks	0	5	0	0	5	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	6
% Articulated Trucks and Single-Unit Trucks	0%	0.9%	0%	0%	0.9%	-	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.5%
Buses	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	1
% Buses	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.1%
Bicycles on Road	6	183	6	0	195	-	0	175	27	0	202	-	0	2	3	0	5	-	16	12	5	0	33	-	435
% Bicycles on Road	15.4%	34.3%	60.0%	0%	33.5%	-	0%	34.3%	26.2%	0%	32.6%	-	0%	22.2%	50.0%	0%	21.7%	-	45.7%	100%	38.5%	0%	55.0%	-	33.9%
Pedestrians	-	-	-	-	-	81	-	-	-	-	-	62	-	-	-	-	-	118	-	-	-	-	-	94	
% Pedestrians	-	-	-	-	-	90.0%	-	-	-	-	-	88.6%	-	-	-	-	-	94.4%	-	-	-	-	-	94.9%	-
Bicycles on Crosswalk	-	-	-	-	-	9	-	-	-	-	-	8	-	-	-	-	-	7	-	-	-	-	-	5	
% Bicycles on Crosswalk	-	-	-	-	-	10.0%	-	-	-	-	-	11.4%	-	-	-	-	-	5.6%	-	-	-	-	-	5.1%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Washington Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

Midday Peak (WKND) (Jul 04 2020 11:30AM - 12:30 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Washington Avenue

Total: 211

In: 60 Out: 151

13 12 35

55

44

28

103

510

7

In: 620

Total: 1194

Out: 574

[E] Atlantic Avenue

42

85

40

8 9 6

Out: 29

In: 23

Total: 52

[S] Washington Avenue

[W] Atlantic Avenue

Total: 1113

Out: 531

In: 582

40

39

533

10

50

Washington Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

PM Peak (WKND) (Jul 04 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick Engineers &

Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Washington Avenue Northbound						Washington Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-04 1:00PM	8	123	4	1	136	23	3	103	29	0	135	30	1	7	2	0	10	33	18	2	2	0	22	33	303
1:15PM	6	123	5	0	134	64	5	127	18	1	151	37	0	0	1	0	1	22	12	4	4	0	20	27	306
1:30PM	3	117	2	0	122	38	3	92	22	0	117	41	1	7	4	0	12	25	9	3	3	0	15	25	266
1:45PM	6	99	5	0	110	32	2	109	26	0	137	26	0	0	2	0	2	24	14	1	0	0	15	28	264
Total	23	462	16	1	502	157	13	431	95	1	540	134	2	14	9	0	25	104	53	10	9	0	72	113	1139
% Approach	4.6%	92.0%	3.2%	0.2%	-	-	2.4%	79.8%	17.6%	0.2%	-	-	8.0%	56.0%	36.0%	0%	-	-	73.6%	13.9%	12.5%	0%	-	-	-
% Total	2.0%	40.6%	1.4%	0.1%	44.1%	-	1.1%	37.8%	8.3%	0.1%	47.4%	-	0.2%	1.2%	0.8%	0%	2.2%	-	4.7%	0.9%	0.8%	0%	6.3%	-	-
PHF	0.875	0.934	-	0.250	0.943	-	0.688	0.883	0.958	0.250	0.905	-	0.500	0.417	0.500	-	0.464	-	0.750	0.250	0.438	-	0.700	-	0.942
Lights	21	339	0	1	361	-	11	345	69	1	426	-	2	5	6	0	13	-	33	2	7	0	42	-	842
% Lights	91.3%	73.4%	0%	100%	71.9%	-	84.6%	80.0%	72.6%	100%	78.9%	-	100%	35.7%	66.7%	0%	52.0%	-	62.3%	20.0%	77.8%	0%	58.3%	-	73.9%
Articulate d Trucks and Single-Unit Trucks	0	1	0	0	1	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	2
% Articulated Trucks and Single-Unit Trucks	0%	0.2%	0%	0%	0.2%	-	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.2%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	2	122	16	0	140	-	2	85	26	0	113	-	0	9	3	0	12	-	20	8	2	0	30	-	295
% Bicycles on Road	8.7%	26.4%	100%	0%	27.9%	-	15.4%	19.7%	27.4%	0%	20.9%	-	0%	64.3%	33.3%	0%	48.0%	-	37.7%	80.0%	22.2%	0%	41.7%	-	25.9%
Pedestrians	-	-	-	-	-	146	-	-	-	-	-	123	-	-	-	-	-	97	-	-	-	-	-	85	-
% Pedestrians	-	-	-	-	-	93.0%	-	-	-	-	-	91.8%	-	-	-	-	-	93.3%	-	-	-	-	-	75.2%	-
Bicycles on Crosswalk	-	-	-	-	-	11	-	-	-	-	-	11	-	-	-	-	-	7	-	-	-	-	-	28	-
% Bicycles on Crosswalk	-	-	-	-	-	7.0%	-	-	-	-	-	8.2%	-	-	-	-	-	6.7%	-	-	-	-	-	24.8%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Washington Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

PM Peak (WKND) (Jul 04 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769385, Location: 39.320737, -74.51224

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Washington Avenue

Total: 204

In: 72 Out: 132

9 10 53

60

53

41

95

431

13

1

93

[W] Atlantic Avenue

Total: 945
In: 502 Out: 443

45

1

23

462

16

112

46

2 14 9

58

Out: 39 In: 25

Total: 64

[S] Washington Avenue

In: 540

Total: 1065

Out: 525

[E] Atlantic Avenue

Cedar Grove Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Cedar Grove Avenue Northbound						Cedar Grove Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 7:00AM	0	32	2	0	34	0	0	45	3	0	48	2	1	0	0	0	1	1	0	0	1	0	1	3	84
7:15AM	0	36	0	0	36	2	0	36	1	0	37	0	0	0	1	0	1	3	2	0	0	0	2	4	76
7:30AM	1	53	0	0	54	1	0	60	0	0	60	0	0	0	0	0	0	8	0	0	0	0	0	4	114
7:45AM	1	67	1	0	69	0	0	72	2	0	74	0	0	1	0	0	1	13	1	2	0	0	3	6	147
Hourly Total	2	188	3	0	193	3	0	213	6	0	219	2	1	1	1	0	3	25	3	2	1	0	6	17	421
8:00AM	0	69	2	0	71	0	0	58	1	0	59	0	0	0	2	0	2	17	2	0	0	0	2	6	134
8:15AM	0	67	0	0	67	0	1	86	5	0	92	0	0	0	2	0	2	10	0	1	1	0	2	4	163
8:30AM	0	77	1	0	78	0	1	86	1	0	88	3	4	1	0	0	5	13	5	0	0	0	5	7	176
8:45AM	1	95	5	0	101	3	2	86	4	0	92	0	0	1	1	0	2	16	1	3	1	0	5	8	200
Hourly Total	1	308	8	0	317	3	4	316	11	0	331	3	4	2	5	0	11	56	8	4	2	0	14	25	673
9:00AM	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4:00PM	2	105	1	0	108	15	3	86	3	0	92	5	1	0	1	0	2	7	4	0	2	0	6	7	208
4:15PM	3	79	2	0	84	10	4	90	4	0	98	5	2	0	2	0	4	9	4	2	3	0	9	4	195
4:30PM	0	86	1	0	87	7	3	112	4	0	119	4	0	2	4	0	6	18	4	2	4	0	10	2	222
4:45PM	2	83	2	0	87	10	3	92	6	0	101	4	2	1	2	0	5	10	1	1	3	0	5	2	198
Hourly Total	7	353	6	0	366	42	13	380	17	0	410	18	5	3	9	0	17	44	13	5	12	0	30	15	823
5:00PM	5	95	3	0	103	15	2	109	2	0	113	7	2	4	2	0	8	3	3	0	1	0	4	14	228
5:15PM	2	96	0	0	98	4	3	119	8	0	130	5	0	2	3	0	5	15	3	2	1	0	6	5	239
5:30PM	2	106	2	0	110	22	3	95	4	0	102	2	0	1	4	0	5	12	4	4	1	0	9	8	226
5:45PM	2	99	2	0	103	17	4	116	4	0	124	3	2	0	3	0	5	15	3	3	5	0	11	3	243
Hourly Total	11	396	7	0	414	58	12	439	18	0	469	17	4	7	12	0	23	45	13	9	8	0	30	30	936
6:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020-07-04 11:00AM	5	112	1	0	118	18	1	142	4	0	147	2	1	0	3	0	4	35	5	2	7	0	14	25	283
11:15AM	0	130	1	0	131	12	1	129	6	0	136	11	0	0	1	0	1	40	5	2	6	0	13	27	281
11:30AM	2	121	4	0	127	9	1	144	2	0	147	2	1	3	6	0	10	25	5	1	5	0	11	19	295
11:45AM	1	151	4	0	156	19	0	156	4	0	160	10	0	1	3	0	4	39	3	1	6	0	10	27	330
Hourly Total	8	514	10	0	532	58	3	571	16	0	590	25	2	4	13	0	19	139	18	6	24	0	48	98	1189
12:00PM	2	139	1	0	142	0	2	153	7	0	162	12	0	0	2	0	2	24	7	1	2	0	10	25	316
12:15PM	4	158	5	0	167	11	5	160	8	0	173	5	0	2	4	0	6	19	7	2	6	0	15	17	361
12:30PM	4	130	4	0	138	2	4	118	10	0	132	12	2	2	2	0	6	29	5	1	8	0	14	7	290
12:45PM	2	141	5	0	148	8	2	148	1	0	151	8	0	1	10	0	11	28	5	6	3	0	14	9	324
Hourly Total	12	568	15	0	595	21	13	579	26	0	618	37	2	5	18	0	25	100	24	10	19	0	53	58	1291
1:00PM	2	140	1	0	143	13	5	139	8	1	153	15	2	1	0	0	3	23	6	2	1	0	9	4	308
1:15PM	4	133	2	0	139	21	3	153	5	1	162	7	3	2	4	0	9	19	5	2	5	0	12	10	322
1:30PM	5	131	3	0	139	8	7	110	8	0	125	8	2	0	1	0	3	31	5	5	5	0	15	12	282
1:45PM	5	116	3	1	125	11	5	127	5	0	137	19	3	2	5	0	10	19	7	4	9	0	20	13	292
Hourly Total	16	520	9	1	546	53	20	529	26	2	577	49	10	5	10	0	25	92	23	13	20	0	56	39	1204
2:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	57	2848	58	1	2964	238	65	3028	120	2	3215	151	28	27	68	0	123	501	102	49	86	0	237	282	6539
% Approach	1.9%	96.1%	2.0%	0%	-	-	2.0%	94.2%	3.7%	0.1%	-	-	22.8%	22.0%	55.3%	0%	-	-	43.0%	20.7%	36.3%	0%	-	-	-
% Total	0.9%	43.6%	0.9%	0%	45.3%	-	1.0%	46.3%	1.8%	0%	49.2%	-	0.4%	0.4%	1.0%	0%	1.9%	-	1.6%	0.7%	1.3%	0%	3.6%	-	-
Lights	54	2081	46	1	2182	-	58	2280	99	2	2439	-	23	21	34	0	78	-	94	45	73	0	212	-	4911
% Lights	94.7%	73.1%	79.3%	100%	73.6%	-	89.2%	75.3%	82.5%	100%	75.9%	-	82.1%	77.8%	50.0%	0%	63.4%	-	92.2%	91.8%	84.9%	0%	89.5%	-	75.1%
Articulated Trucks and Single-Unit Trucks	0	27	1	0	28	-	1	47	1	0	49	-	1	0	1	0	2	-	1	0	0	0	1	-	80
% Articulated Trucks and Single-Unit Trucks	0%	0.9%	1.7%	0%	0.9%	-	1.5%	1.6%	0.8%	0%	1.5%	-	3.6%	0%	1.5%	0%	1.6%	-	1.0%	0%	0%	0%	0.4%	-	1.2%
Buses	0	1	0	0	1	-	0	2	1	0	3	-	0	0	0	0	0	-	1	0	0	0	1	-	5
% Buses	0%	0%	0%	0%	0%	-	0%	0.1%	0.8%	0%	0.1%	-	0%	0%	0%	0%	0%	-	1.0%	0%	0%	0%	0.4%	-	0.1%
Bicycles on Road	3	739	11	0	753	-	6	699	19	0	724	-	4	6	33	0	43	-	6	4	13	0	23	-	1543
% Bicycles on Road	5.3%	25.9%	19.0%	0%	25.4%	-	9.2%	23.1%	15.8%	0%	22.5%	-	14.3%	22.2%	48.5%	0%	35.0%	-	5.9%	8.2%	15.1%	0%	9.7%	-	23.6%
Pedestrians	-	-	-	-	-	227	-	-	-	-	-	143	-	-	-	-	-	475	-	-	-	-	-	274	-
% Pedestrians	-	-	-	-	-	95.4%	-	-	-	-	-	94.7%	-	-	-	-	-	94.8%	-	-	-	-	-	97.2%	-
Bicycles on Crosswalk	-	-	-	-	-	11	-	-	-	-	-	8	-	-	-	-	-	26	-	-	-	-	-	8	-
% Bicycles on Crosswalk	-	-	-	-	-	4.6%	-	-	-	-	-	5.3%	-	-	-	-	-	5.2%	-	-	-	-	-	2.8%	-

*Pedestrians and Bicycles on Crosswalk: L: Left, R: Right, T: Thru, U: U-Turn

Cedar Grove Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick

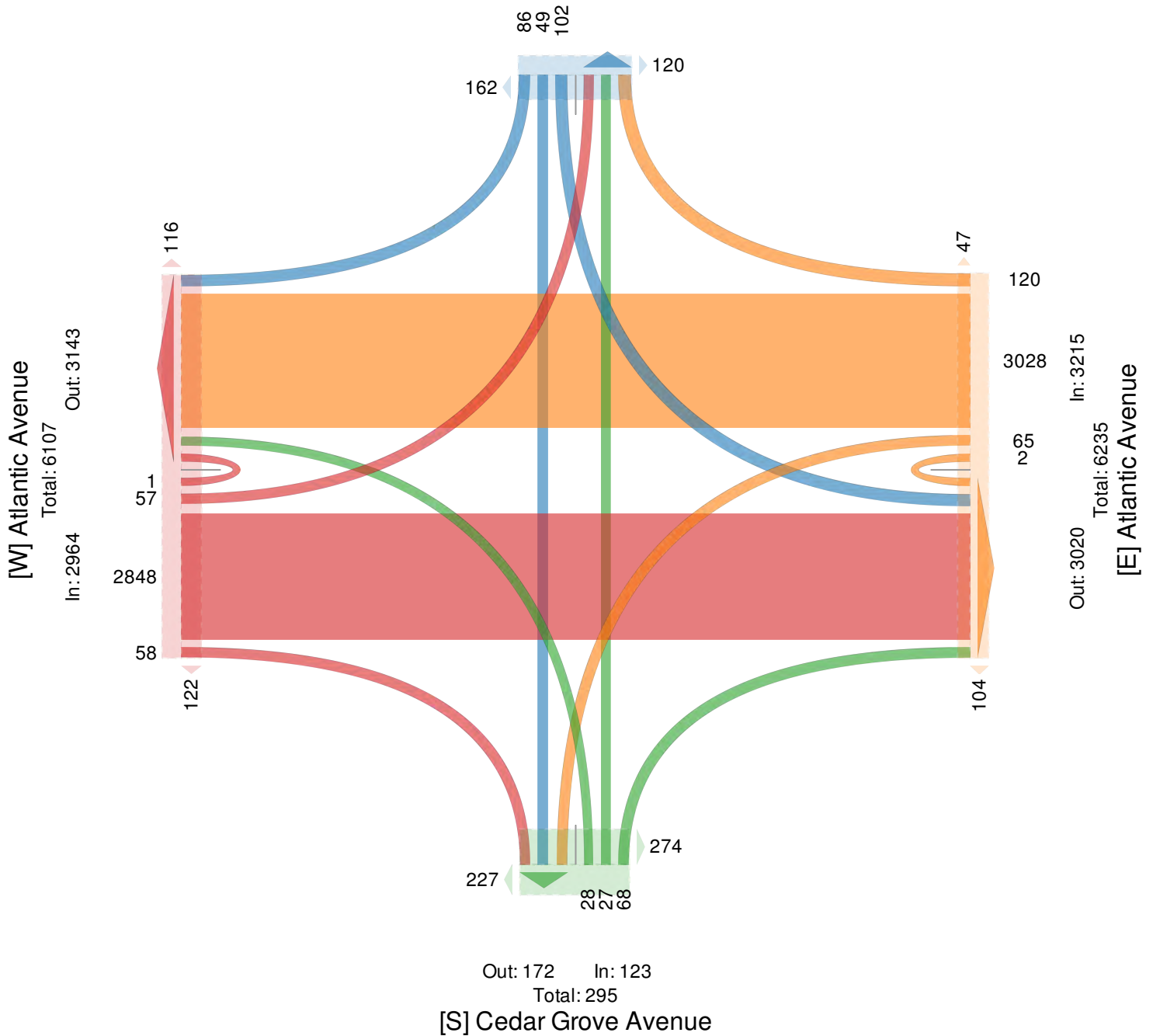
Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Cedar Grove Avenue

Total: 441

In: 237 Out: 204



Cedar Grove Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

AM Peak (Jul 02 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Cedar Grove Avenue Northbound						Cedar Grove Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 8:00AM	0	69	2	0	71	0	0	58	1	0	59	0	0	0	2	0	2	17	2	0	0	0	2	6	134
8:15AM	0	67	0	0	67	0	1	86	5	0	92	0	0	0	2	0	2	10	0	1	1	0	2	4	163
8:30AM	0	77	1	0	78	0	1	86	1	0	88	3	4	1	0	0	5	13	5	0	0	0	5	7	176
8:45AM	1	95	5	0	101	3	2	86	4	0	92	0	0	1	1	0	2	16	1	3	1	0	5	8	200
Total	1	308	8	0	317	3	4	316	11	0	331	3	4	2	5	0	11	56	8	4	2	0	14	25	673
% Approach	0.3%	97.2%	2.5%	0%	-	-	1.2%	95.5%	3.3%	0%	-	-	36.4%	18.2%	45.5%	0%	-	-	57.1%	28.6%	14.3%	0%	-	-	-
% Total	0.1%	45.8%	1.2%	0%	47.1%	-	0.6%	47.0%	1.6%	0%	49.2%	-	0.6%	0.3%	0.7%	0%	1.6%	-	1.2%	0.6%	0.3%	0%	2.1%	-	-
PHF	-	0.764	0.500	-	0.767	-	0.500	0.878	0.500	-	0.867	-	0.250	0.250	0.250	-	0.500	-	0.350	0.333	0.500	-	0.650	-	0.826
Lights	0	213	4	0	217	-	4	252	10	0	266	-	1	1	2	0	4	-	7	4	2	0	13	-	500
% Lights	0%	69.2%	50.0%	0%	68.5%	-	100%	79.7%	90.9%	0%	80.4%	-	25.0%	50.0%	40.0%	0%	36.4%	-	87.5%	100%	100%	0%	92.9%	-	74.3%
Articulated Trucks and Single-Unit Trucks	0	7	0	0	7	-	0	15	0	0	15	-	0	0	0	0	0	-	0	0	0	0	0	-	22
% Articulated Trucks and Single-Unit Trucks	0%	2.3%	0%	0%	2.2%	-	0%	4.7%	0%	0%	4.5%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	3.3%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	1	88	4	0	93	-	0	49	1	0	50	-	3	1	3	0	7	-	1	0	0	0	1	-	151
% Bicycles on Road	100%	28.6%	50.0%	0%	29.3%	-	0%	15.5%	9.1%	0%	15.1%	-	75.0%	50.0%	60.0%	0%	63.6%	-	12.5%	0%	0%	0%	7.1%	-	22.4%
Pedestrians	-	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	56	-	-	-	-	-	24	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	0%	-	-	-	-	-	100%	-	-	-	-	-	96.0%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	1	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	100%	-	-	-	-	-	0%	-	-	-	-	-	4.0%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Cedar Grove Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

AM Peak (Jul 02 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Cedar Grove Avenue

Total: 28

In: 14 Out: 14

2 4 8

18

7

3

11

316

4

In: 331

Total: 652

Out: 321

[E] Atlantic Avenue

[W] Atlantic Avenue

Total: 639

In: 317

Out: 322

1

308

8

3

21

35

Out: 16

In: 11

Total: 27

[S] Cedar Grove Avenue

Cedar Grove Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

PM Peak (Jul 02 2020 5PM - 6 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Cedar Grove Avenue Northbound						Cedar Grove Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-02 5:00PM	5	95	3	0	103	15	2	109	2	0	113	7	2	4	2	0	8	3	3	0	1	0	4	14	228
5:15PM	2	96	0	0	98	4	3	119	8	0	130	5	0	2	3	0	5	15	3	2	1	0	6	5	239
5:30PM	2	106	2	0	110	22	3	95	4	0	102	2	0	1	4	0	5	12	4	4	1	0	9	8	226
5:45PM	2	99	2	0	103	17	4	116	4	0	124	3	2	0	3	0	5	15	3	3	5	0	11	3	243
Total	11	396	7	0	414	58	12	439	18	0	469	17	4	7	12	0	23	45	13	9	8	0	30	30	936
% Approach	2.7%	95.7%	1.7%	0%	-	-	2.6%	93.6%	3.8%	0%	-	-	17.4%	30.4%	52.2%	0%	-	-	43.3%	30.0%	26.7%	0%	-	-	-
% Total	1.2%	42.3%	0.7%	0%	44.2%	-	1.3%	46.9%	1.9%	0%	50.1%	-	0.4%	0.7%	1.3%	0%	2.5%	-	1.4%	1.0%	0.9%	0%	3.2%	-	-
PHF	0.550	0.951	0.583	-	0.958	-	0.688	0.936	0.469	-	0.927	-	0.500	0.375	0.250	-	0.563	-	0.813	0.500	0.400	-	0.725	-	0.955
Lights	11	344	7	0	362	-	11	384	14	0	409	-	4	3	2	0	9	-	12	8	8	0	28	-	808
% Lights	100%	86.9%	100%	0%	87.4%	-	91.7%	87.5%	77.8%	0%	87.2%	-	100%	42.9%	16.7%	0%	39.1%	-	92.3%	88.9%	100%	0%	93.3%	-	86.3%
Articulated Trucks and Single-Unit Trucks	0	6	0	0	6	-	0	9	1	0	10	-	0	0	0	0	0	-	1	0	0	0	1	-	17
% Articulated Trucks and Single-Unit Trucks	0%	1.5%	0%	0%	1.4%	-	0%	2.1%	5.6%	0%	2.1%	-	0%	0%	0%	0%	0%	-	7.7%	0%	0%	0%	3.3%	-	1.8%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	46	0	0	46	-	1	46	3	0	50	-	0	4	10	0	14	-	0	1	0	0	1	-	111
% Bicycles on Road	0%	11.6%	0%	0%	11.1%	-	8.3%	10.5%	16.7%	0%	10.7%	-	0%	57.1%	83.3%	0%	60.9%	-	0%	11.1%	0%	0%	3.3%	-	11.9%
Pedestrians	-	-	-	-	-	58	-	-	-	-	-	17	-	-	-	-	-	43	-	-	-	-	-	27	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	95.6%	-	-	-	-	-	90.0%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	3	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	4.4%	-	-	-	-	-	10.0%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Cedar Grove Avenue & Atlantic Avenue - TMC

Thu Jul 2, 2020

PM Peak (Jul 02 2020 5PM - 6 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

[N] Cedar Grove Avenue

Total: 66
In: 30 Out: 36

8 9 13

13

17

[W] Atlantic Avenue

Total: 865
In: 414 Out: 451

45

11

396

7

13

18

439

12

Out: 421 In: 469

Total: 890

[E] Atlantic Avenue

17

4

7

12

Out: 28

In: 23

Total: 51

[S] Cedar Grove Avenue

Cedar Grove Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

Midday Peak (WKND) (Jul 04 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick Engineers & Associates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Cedar Grove Avenue Northbound						Cedar Grove Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-04 12:00PM	2	139	1	0	142	0	2	153	7	0	162	12	0	0	2	0	2	24	7	1	2	0	10	25	316
12:15PM	4	158	5	0	167	11	5	160	8	0	173	5	0	2	4	0	6	19	7	2	6	0	15	17	361
12:30PM	4	130	4	0	138	2	4	118	10	0	132	12	2	2	2	0	6	29	5	1	8	0	14	7	290
12:45PM	2	141	5	0	148	8	2	148	1	0	151	8	0	1	10	0	11	28	5	6	3	0	14	9	324
Total	12	568	15	0	595	21	13	579	26	0	618	37	2	5	18	0	25	100	24	10	19	0	53	58	1291
% Approach	2.0%	95.5%	2.5%	0%	-	-	2.1%	93.7%	4.2%	0%	-	-	8.0%	20.0%	72.0%	0%	-	-	45.3%	18.9%	35.8%	0%	-	-	-
% Total	0.9%	44.0%	1.2%	0%	46.1%	-	1.0%	44.8%	2.0%	0%	47.9%	-	0.2%	0.4%	1.4%	0%	1.9%	-	1.9%	0.8%	1.5%	0%	4.1%	-	-
PHF	0.688	0.873	0.550	-	0.853	-	0.625	0.926	0.694	-	0.914	-	0.250	0.500	0.536	-	0.750	-	0.857	0.417	0.700	-	0.857	-	0.881
Lights	11	391	11	0	413	-	10	381	25	0	416	-	2	4	15	0	21	-	23	10	14	0	47	-	897
% Lights	91.7%	68.8%	73.3%	0%	69.4%	-	76.9%	65.8%	96.2%	0%	67.3%	-	100%	80.0%	83.3%	0%	84.0%	-	95.8%	100%	73.7%	0%	88.7%	-	69.5%
Articulated Trucks and Single-Unit Trucks	0	0	0	0	0	-	0	7	0	0	7	-	0	0	0	0	0	-	0	0	0	0	0	-	7
% Articulated Trucks and Single-Unit Trucks	0%	0%	0%	0%	0%	-	0%	1.2%	0%	0%	1.1%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.5%
Buses	0	0	0	0	0	-	0	1	0	0	1	-	0	0	0	0	0	-	1	0	0	0	1	-	2
% Buses	0%	0%	0%	0%	0%	-	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	4.2%	0%	0%	0%	1.9%	-	0.2%
Bicycles on Road	1	177	4	0	182	-	3	190	1	0	194	-	0	1	3	0	4	-	0	0	5	0	5	-	385
% Bicycles on Road	8.3%	31.2%	26.7%	0%	30.6%	-	23.1%	32.8%	3.8%	0%	31.4%	-	0%	20.0%	16.7%	0%	16.0%	-	0%	0%	26.3%	0%	9.4%	-	29.8%
Pedestrians	-	-	-	-	-	20	-	-	-	-	-	37	-	-	-	-	-	93	-	-	-	-	-	57	
% Pedestrians	-	-	-	-	-	95.2%	-	-	-	-	-	100%	-	-	-	-	-	93.0%	-	-	-	-	-	98.3%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	7	-	-	-	-	-	1	
% Bicycles on Crosswalk	-	-	-	-	-	4.8%	-	-	-	-	-	0%	-	-	-	-	-	7.0%	-	-	-	-	-	1.7%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Cedar Grove Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

Midday Peak (WKND) (Jul 04 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Cedar Grove Avenue

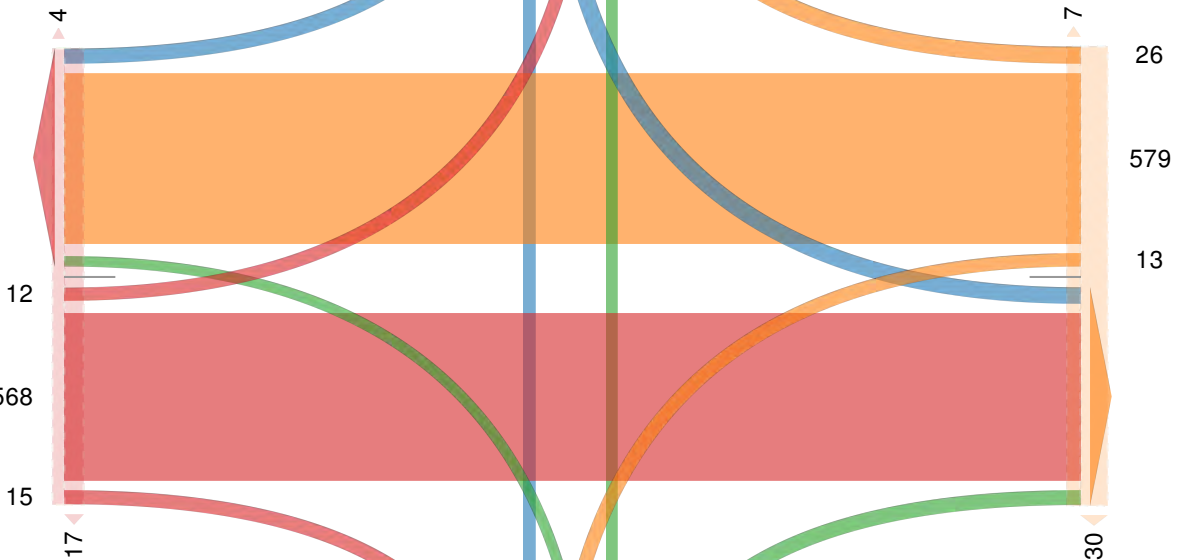
Total: 96
In: 53 Out: 43

19 10 24

34 24

[W] Atlantic Avenue

Total: 1195
In: 595 Out: 600



Out: 610 In: 618

[E] Atlantic Avenue

Total: 1228

[S] Cedar Grove Avenue

Out: 38 In: 25
Total: 63

Cedar Grove Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

PM Peak (WKND) (Jul 04 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Cedar Grove Avenue Northbound						Cedar Grove Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-04 1:00PM	2	140	1	0	143	13	5	139	8	1	153	15	2	1	0	0	3	23	6	2	1	0	9	4	308
1:15PM	4	133	2	0	139	21	3	153	5	1	162	7	3	2	4	0	9	19	5	2	5	0	12	10	322
1:30PM	5	131	3	0	139	8	7	110	8	0	125	8	2	0	1	0	3	31	5	5	5	0	15	12	282
1:45PM	5	116	3	1	125	11	5	127	5	0	137	19	3	2	5	0	10	19	7	4	9	0	20	13	292
Total	16	520	9	1	546	53	20	529	26	2	577	49	10	5	10	0	25	92	23	13	20	0	56	39	1204
% Approach	2.9%	95.2%	1.6%	0.2%	-	-	3.5%	91.7%	4.5%	0.3%	-	-	40.0%	20.0%	40.0%	0%	-	-	41.1%	23.2%	35.7%	0%	-	-	-
% Total	1.3%	43.2%	0.7%	0.1%	45.3%	-	1.7%	43.9%	2.2%	0.2%	47.9%	-	0.8%	0.4%	0.8%	0%	2.1%	-	1.9%	1.1%	1.7%	0%	4.7%	-	-
PHF	0.800	0.995	0.750	0.250	0.970	-	0.714	0.858	0.900	0.500	0.876	-	0.833	0.625	0.500	-	0.639	-	0.821	0.550	0.583	-	0.750	-	0.935
Lights	16	365	9	1	391	-	19	397	18	2	436	-	10	5	8	0	23	-	23	11	14	0	48	-	898
% Lights	100%	70.2%	100%	100%	71.6%	-	95.0%	75.0%	69.2%	100%	75.6%	-	100%	100%	80.0%	0%	92.0%	-	100%	84.6%	70.0%	0%	85.7%	-	74.6%
Articulated Trucks and Single-Unit Trucks	0	1	0	0	1	-	1	1	0	0	2	-	0	0	0	0	0	-	0	0	0	0	0	-	3
% Articulated Trucks and Single-Unit Trucks	0%	0.2%	0%	0%	0.2%	-	5.0%	0.2%	0%	0%	0.3%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.2%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	154	0	0	154	-	0	131	8	0	139	-	0	0	2	0	2	-	0	2	6	0	8	-	303
% Bicycles on Road	0%	29.6%	0%	0%	28.2%	-	0%	24.8%	30.8%	0%	24.1%	-	0%	0%	20.0%	0%	8.0%	-	0%	15.4%	30.0%	0%	14.3%	-	25.2%
Pedestrians	-	-	-	-	-	46	-	-	-	-	-	46	-	-	-	-	-	84	-	-	-	-	-	39	-
% Pedestrians	-	-	-	-	-	86.8%	-	-	-	-	-	93.9%	-	-	-	-	-	91.3%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	7	-	-	-	-	-	3	-	-	-	-	-	8	-	-	-	-	-	0	-
% Bicycles on Crosswalk	-	-	-	-	-	13.2%	-	-	-	-	-	6.1%	-	-	-	-	-	8.7%	-	-	-	-	-	0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Cedar Grove Avenue & Atlantic Avenue - TMC

Sat Jul 4, 2020

PM Peak (WKND) (Jul 04 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 769386, Location: 39.321955, -74.510341

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Cedar Grove Avenue

Total: 103
In: 56 Out: 47

20 13 23

16

23

[W] Atlantic Avenue

Total: 1106
In: 546 Out: 560

12

16

520

9

41

1

26

529

20

2

In: 577
Out: 555

Total: 1132

[E] Atlantic Avenue

44

10

5

10

Out: 42 In: 25
Total: 67

[S] Cedar Grove Avenue

48

48

Mansfield Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles

on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Mansfield Ave Northbound						Mansfield Ave Southbound							
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int	
2020-07-09 7:00AM	0	31	0	0	31	1	1	37	1	0	39	1	0	1	0	0	0	1	3	2	0	0	0	2	1	73
7:15AM	1	44	0	0	45	0	0	56	1	0	57	0	0	0	0	0	0	0	3	0	0	0	0	0	2	102
7:30AM	2	38	0	0	40	1	0	53	4	0	57	0	0	0	0	0	0	5	0	0	0	0	0	0	97	
7:45AM	1	39	0	0	40	1	0	65	2	0	67	0	1	0	0	0	0	1	1	0	0	0	0	0	2	108
Hourly Total	4	152	0	0	156	3	1	211	8	0	220	1	1	1	0	0	2	12	2	2	0	0	0	2	5	380
8:00AM	2	55	0	0	57	0	0	68	4	0	72	0	0	0	0	0	0	0	3	1	0	0	0	1	2	130
8:15AM	0	76	1	1	78	0	1	77	5	0	83	0	0	0	0	0	0	0	6	0	0	0	0	0	4	161
8:30AM	1	72	0	0	73	0	0	90	7	1	98	0	1	0	0	0	0	1	5	1	1	0	0	2	2	174
8:45AM	2	83	0	0	85	1	0	108	4	0	112	0	0	0	1	0	1	8	0	0	0	0	0	0	2	198
Hourly Total	5	286	1	1	293	1	1	343	20	1	365	0	1	0	1	0	2	22	2	2	1	0	0	3	10	663
9:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00PM	2	82	1	0	85	0	0	107	3	0	110	0	0	0	3	0	3	0	0	0	0	1	0	1	0	199
4:15PM	2	84	0	0	86	5	0	99	4	0	103	1	0	2	0	0	2	2	0	0	0	0	0	0	0	191
4:30PM	4	88	1	0	93	2	1	95	5	1	102	2	1	0	0	0	1	3	3	3	0	0	0	3	3	199
4:45PM	1	96	0	0	97	5	0	110	3	0	113	1	1	1	0	0	2	0	0	0	1	0	0	1	2	213
Hourly Total	9	350	2	0	361	12	1	411	15	1	428	4	2	3	3	0	8	5	3	1	1	0	5	5	5	802
5:00PM	2	92	1	0	95	1	0	87	4	0	91	0	0	0	0	0	0	0	0	0	1	0	0	1	2	187
5:15PM	1	97	1	0	99	2	0	107	3	1	111	2	0	0	1	0	1	3	0	2	0	0	0	2	0	213
5:30PM	3	82	1	0	86	2	0	88	5	0	93	0	1	0	0	0	1	4	0	0	0	0	0	0	3	180
5:45PM	1	109	0	0	110	0	0	100	3	0	103	2	0	0	0	0	0	1	0	0	0	0	0	0	2	213
Hourly Total	7	380	3	0	390	5	0	382	15	1	398	4	1	0	1	0	2	8	0	3	0	0	3	7	7	793
6:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020-07-11 11:00AM	3	93	1	0	97	2	1	138	2	0	141	0	0	1	0	0	1	13	0	0	0	0	0	0	11	239
11:15AM	3	114	0	0	117	2	2	118	4	0	124	0	0	0	1	0	1	15	0	0	0	0	0	0	9	242
11:30AM	3	131	1	0	135	0	3	136	10	1	150	2	1	0	2	0	3	10	0	0	0	0	0	0	7	288
11:45AM	3	96	3	0	102	5	1	146	5	0	152	1	1	0	0	0	1	13	1	0	0	0	0	1	6	256
Hourly Total	12	434	5	0	451	9	7	538	21	1	567	3	2	1	3	0	6	51	1	0	0	0	0	1	33	1025
12:00PM	1	87	2	0	90	2	0	134	7	0	141	1	1	1	4	0	6	5	0	0	0	0	0	0	16	237
12:15PM	1	90	1	0	92	12	0	87	6	0	93	1	0	1	0	0	1	7	0	3	0	0	3	5	189	
12:30PM	3	93	2	0	98	2	0	142	5	0	147	5	1	3	0	0	4	5	0	1	0	0	1	3	250	
12:45PM	3	99	1	0	103	3	0	125	5	0	130	3	1	1	1	0	3	8	0	1	0	0	1	11	237	
Hourly Total	8	369	6	0	383	19	0	488	23	0	511	10	3	6	5	0	14	25	0	5	0	0	5	35	913	
1:00PM	2	104	1	0	107	1	0	110	6	0	116	0	2	1	0	0	3	21	0	0	3	0	3	15	229	
1:15PM	2	78	2	0	82	2	1	112	3	0	116	5	0	2	1	0	3	4	1	0	0	0	1	14	202	
1:30PM	3	84	1	0	88	2	1	122	2	0	125	0	0	0	1	0	1	10	0	0	0	0	0	10	214	
1:45PM	3	74	0	0	77	3	2	116	1	0	119	5	0	2	1	0	3	6	0	0	0	0	0	9	199	
Hourly Total	10	340	4	0	354	8	4	460	12	0	476	10	2	5	3	0	10	41	1	0	3	0	4	48	844	
2:00PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Hourly Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Total	55	2312	21	1	2389	57	14	2833	114	4	2965	32	12	16	16	0	44	164	9	10	4	0	23	144	5421	
% Approach	2.3%	96.8%	0.9%	0%	-	-	0.5%	95.5%	3.8%	0.1%	-	-	27.3%	36.4%	36.4%	0%	-	-	39.1%	43.5%	17.4%	0%	-	-	-	-
% Total	1.0%	42.6%	0.4%	0%	44.1%	-	0.3%	52.3%	2.1%	0.1%	54.7%	-	0.2%	0.3%	0.3%	0%	0.8%	-	0.2%	0.2%	0.1%	0%	0.4%	-	-	-
Lights	52	1820	15	0	1887	-	12	2341	95	4	2452	-	9	10	11	0	30	-	0	0	0	0	0	-	4369	
% Lights	94.5%	78.7%	71.4%	0%	79.0%	-	85.7%	82.6%	83.3%	100%	82.7%	-	75.0%	62.5%	68.8%	0%	68.2%	-	0%	0%	0%	0%	0%	-	80.6%	
Articulated Trucks and Single-Unit Trucks	0	37	0	0	37	-	0	43	5	0	48	-	0	0	1	0	1	-	0	0	0	0	0	-	86	
% Articulated Trucks and Single-Unit Trucks	0%	1.6%	0%	0%	1.5%	-	0%	1.5%	4.4%	0%	1.6%	-	0%	0%	6.3%	0%	2.3%	-	0%	0%	0%	0%	0%	-	1.6%	
Buses	0	0	0	0	0	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	1	
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	
Bicycles on Road	3	455	6	1	465	-	2	448	14	0	464	-	3	6	4	0	13	-	9	10	4	0	23	-	965	
% Bicycles on Road	5.5%	19.7%	28.6%	100%	19.5%	-	14.3%	15.8%	12.3%	0%	15.6%	-	25.0%	37.5%	25.0%	0%	29.5%	-	100%	100%	100%	0%	100%	-	17.8%	
Pedestrians	-	-	-	-	-	48	-	-	-	-	-	28	-	-	-	-	-	153	-	-	-	-	-	141	-	
% Pedestrians	-	-	-	-	-	-84.2%	-	-	-	-	-	-87.5%	-	-	-	-	-	-93.3%	-	-	-	-	-	-97.9%	-	
Bicycles on Crosswalk	-	-	-	-	-	9	-	-	-	-	-	4	-	-	-	-	-	11	-	-	-	-	-	3	-	
% Bicycles on Crosswalk	-	-	-	-	-	-15.8%	-	-	-	-	-	-12.5%	-	-	-	-	-	-6.7%	-	-	-	-	-	-2.1%	-	

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Mansfield Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Mansfield Ave

Total: 208

In: 23 Out: 185

410

94

50

27

18

114

2833

In: 2965

Total: 5306

[E] Atlantic Ave

Out: 2341

14

4

55

2312

21

30

14

73

91

1210

Out: 45

In: 44

Total: 89

[S] Mansfield Ave

[W] Atlantic Ave

Total: 5239

Out: 2850

In: 2389

Mansfield Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

AM Peak (Jul 09 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick Engineers
& Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Mansfield Ave Northbound						Mansfield Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-09 8:00AM	2	55	0	0	57	0	0	68	4	0	72	0	0	0	0	0	0	3	1	0	0	0	1	2	130
8:15AM	0	76	1	1	78	0	1	77	5	0	83	0	0	0	0	0	0	6	0	0	0	0	0	4	161
8:30AM	1	72	0	0	73	0	0	90	7	1	98	0	1	0	0	0	1	5	1	1	0	0	2	2	174
8:45AM	2	83	0	0	85	1	0	108	4	0	112	0	0	0	1	0	1	8	0	0	0	0	0	2	198
Total	5	286	1	1	293	1	1	343	20	1	365	0	1	0	1	0	2	22	2	1	0	0	3	10	663
% Approach	1.7%	97.6%	0.3%	0.3%	-	-	0.3%	94.0%	5.5%	0.3%	-	-	50.0%	0%	50.0%	0%	-	-	66.7%	33.3%	0%	0%	-	-	-
% Total	0.8%	43.1%	0.2%	0.2%	44.2%	-	0.2%	51.7%	3.0%	0.2%	55.1%	-	0.2%	0%	0.2%	0%	0.3%	-	0.3%	0.2%	0%	0%	0.5%	-	-
PHF	0.625	0.907	-	-	0.913	-	-	0.831	0.750	0.250	0.839	-	0.250	-	-	-	0.250	-	-	-	-	-	-	-	0.908
Lights	5	208	0	0	213	-	0	266	12	1	279	-	1	0	0	0	1	-	0	0	0	0	0	-	493
% Lights	100%	72.7%	0%	0%	72.7%	-	0%	77.6%	60.0%	100%	76.4%	-	100%	0%	0%	0%	50.0%	-	0%	0%	0%	0%	0%	-	74.4%
Articulated Trucks and Single-Unit Trucks	0	6	0	0	6	-	0	10	3	0	13	-	0	0	0	0	0	-	0	0	0	0	0	-	19
% Articulated Trucks and Single-Unit Trucks	0%	2.1%	0%	0%	2.0%	-	0%	2.9%	15.0%	0%	3.6%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	2.9%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	72	1	1	74	-	1	67	5	0	73	-	0	0	1	0	1	-	2	1	0	0	3	-	151
% Bicycles on Road	0%	25.2%	100%	100%	25.3%	-	100%	19.5%	25.0%	0%	20.0%	-	0%	0%	100%	0%	50.0%	-	100%	100%	0%	0%	100%	-	22.8%
Pedestrians	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	20	-	-	-	-	-	10	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	90.9%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	-	-	-	-	-	-	9.1%	-	-	-	-	-	0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Mansfield Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

AM Peak (Jul 09 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick

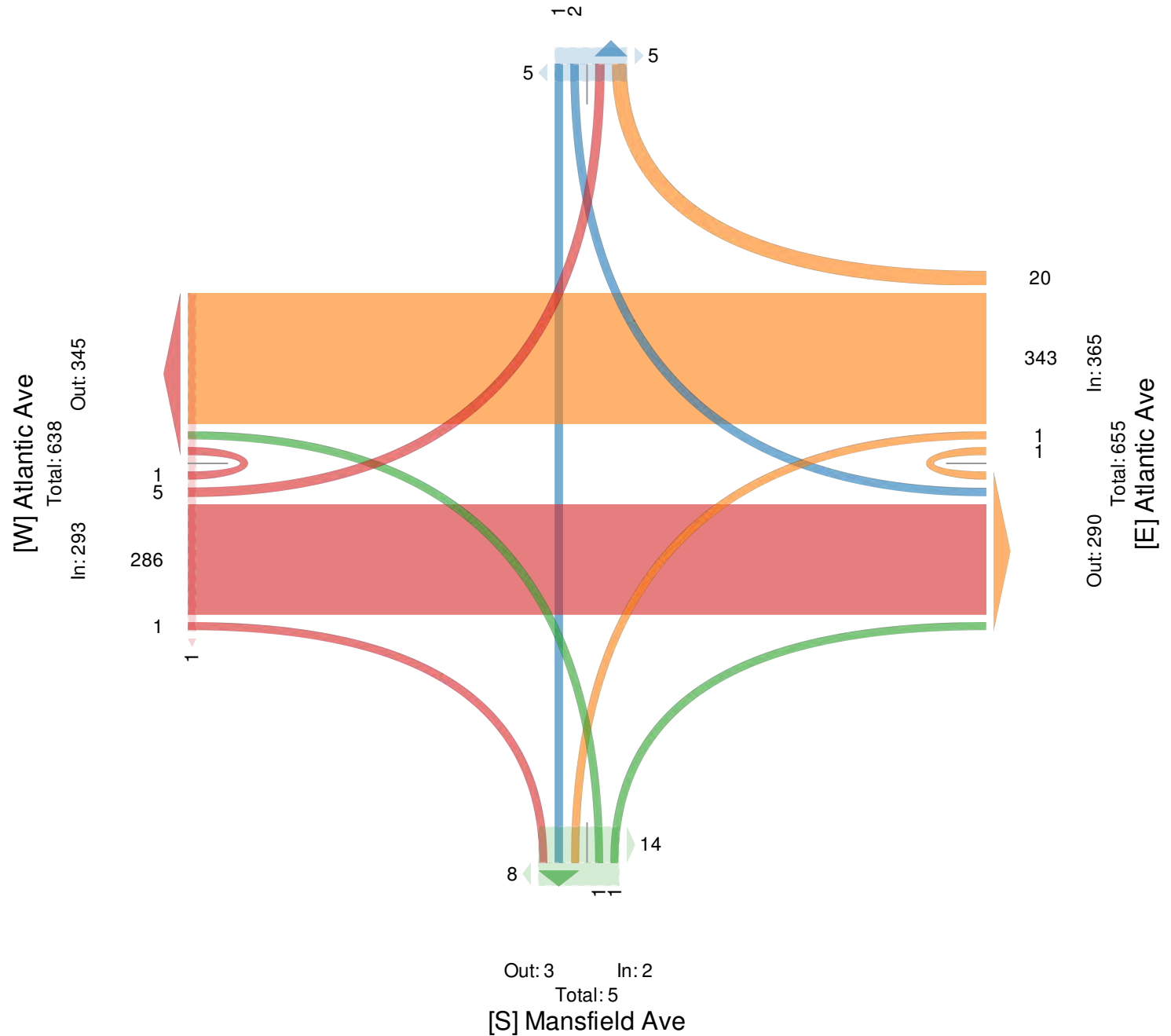
Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Mansfield Ave

Total: 28

In: 3 Out: 25



Mansfield Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

PM Peak (Jul 09 2020 4:30PM - 5:30 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick Engineers & Associates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Mansfield Ave Northbound						Mansfield Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-09 4:30PM	4	88	1	0	93	2	1	95	5	1	102	2	1	0	0	0	1	3	3	0	0	0	3	3	199
4:45PM	1	96	0	0	97	5	0	110	3	0	113	1	1	1	0	0	2	0	0	1	0	0	1	2	213
5:00PM	2	92	1	0	95	1	0	87	4	0	91	0	0	0	0	0	0	0	0	1	0	0	1	2	187
5:15PM	1	97	1	0	99	2	0	107	3	1	111	2	0	0	1	0	1	3	0	2	0	0	2	0	213
Total	8	373	3	0	384	10	1	399	15	2	417	5	2	1	1	0	4	6	3	4	0	0	7	7	812
% Approach	2.1%	97.1%	0.8%	0%	-	-	0.2%	95.7%	3.6%	0.5%	-	-	50.0%	25.0%	25.0%	0%	-	-	42.9%	57.1%	0%	0%	-	-	-
% Total	1.0%	45.9%	0.4%	0%	47.3%	-	0.1%	49.1%	1.8%	0.2%	51.4%	-	0.2%	0.1%	0.1%	0%	0.5%	-	0.4%	0.5%	0%	0%	0.9%	-	-
PHF	0.500	0.957	0.500	-	0.975	-	0.250	0.928	0.688	0.500	0.934	-	0.250	-	0.250	-	0.500	-	-	-	-	-	-	-	0.961
Lights	8	330	2	0	340	-	1	367	10	2	380	-	1	0	1	0	2	-	0	0	0	0	0	-	722
% Lights	100%	88.5%	66.7%	0%	88.5%	-	100%	92.0%	66.7%	100%	91.1%	-	50.0%	0%	100%	0%	50.0%	-	0%	0%	0%	0%	0%	-	88.9%
Articulated Trucks and Single-Unit Trucks	0	7	0	0	7	-	0	4	1	0	5	-	0	0	0	0	0	-	0	0	0	0	0	-	12
% Articulated Trucks and Single-Unit Trucks	0%	1.9%	0%	0%	1.8%	-	0%	1.0%	6.7%	0%	1.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.5%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	36	1	0	37	-	0	28	4	0	32	-	1	1	0	0	2	-	3	4	0	0	7	-	78
% Bicycles on Road	0%	9.7%	33.3%	0%	9.6%	-	0%	7.0%	26.7%	0%	7.7%	-	50.0%	100%	0%	0%	50.0%	-	100%	100%	0%	0%	100%	-	9.6%
Pedestrians	-	-	-	-	-	9	-	-	-	-	-	5	-	-	-	-	-	6	-	-	-	-	-	7	-
% Pedestrians	-	-	-	-	-	90.0%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-
% Bicycles on Crosswalk	-	-	-	-	-	10.0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Mansfield Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

PM Peak (Jul 09 2020 4:30PM - 5:30 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Mansfield Ave

Total: 31

In: 7 Out: 24

43

2

5

5

15

399

1
2

In: 417

Total: 796

Out: 379

[E] Atlantic Ave

[W] Atlantic Ave

Total: 785

In: 384

Out: 401

373

9

8

3

1

4

211

2

Out: 8

In: 4

Total: 12

[S] Mansfield Ave

Mansfield Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

Midday Peak (WKND) (Jul 11 2020 11:15AM - 12:15 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road,

Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick Engineers

& Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Mansfield Ave Northbound						Mansfield Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-11 11:15AM	3	114	0	0	117	2	2	118	4	0	124	0	0	0	1	0	1	15	0	0	0	0	0	9	242
11:30AM	3	131	1	0	135	0	3	136	10	1	150	2	1	0	2	0	3	10	0	0	0	0	0	7	288
11:45AM	3	96	3	0	102	5	1	146	5	0	152	1	1	0	0	0	1	13	1	0	0	0	1	6	256
12:00PM	1	87	2	0	90	2	0	134	7	0	141	1	1	1	4	0	6	5	0	0	0	0	0	16	237
Total	10	428	6	0	444	9	6	534	26	1	567	4	3	1	7	0	11	43	1	0	0	0	1	38	1023
% Approach	2.3%	96.4%	1.4%	0%	-	-	1.1%	94.2%	4.6%	0.2%	-	-	27.3%	9.1%	63.6%	0%	-	-	100%	0%	0%	0%	-	-	-
% Total	1.0%	41.8%	0.6%	0%	43.4%	-	0.6%	52.2%	2.5%	0.1%	55.4%	-	0.3%	0.1%	0.7%	0%	1.1%	-	0.1%	0%	0%	0%	0.1%	-	-
PHF	0.833	0.773	0.625	-	0.779	-	0.500	0.895	0.600	0.250	0.915	-	0.750	0.250	0.333	-	0.400	-	-	-	-	-	-	-	0.881
Lights	10	297	5	0	312	-	6	403	24	1	434	-	3	1	4	0	8	-	0	0	0	0	0	-	754
% Lights	100%	69.4%	83.3%	0%	70.3%	-	100%	75.5%	92.3%	100%	76.5%	-	100%	100%	57.1%	0%	72.7%	-	0%	0%	0%	0%	0%	-	73.7%
Articulated Trucks and Single-Unit Trucks	0	6	0	0	6	-	0	5	0	0	5	-	0	0	0	0	0	-	0	0	0	0	0	-	11
% Articulated Trucks and Single-Unit Trucks	0%	1.4%	0%	0%	1.4%	-	0%	0.9%	0%	0%	0.9%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.1%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	125	1	0	126	-	0	126	2	0	128	-	0	0	3	0	3	-	1	0	0	0	1	-	258
% Bicycles on Road	0%	29.2%	16.7%	0%	28.4%	-	0%	23.6%	7.7%	0%	22.6%	-	0%	0%	42.9%	0%	27.3%	-	100%	0%	0%	0%	100%	-	25.2%
Pedestrians	-	-	-	-	-	9	-	-	-	-	-	4	-	-	-	-	-	41	-	-	-	-	-	38	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	95.3%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	4.7%	-	-	-	-	-	0%	

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Mansfield Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

Midday Peak (WKND) (Jul 11 2020 11:15AM - 12:15 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick

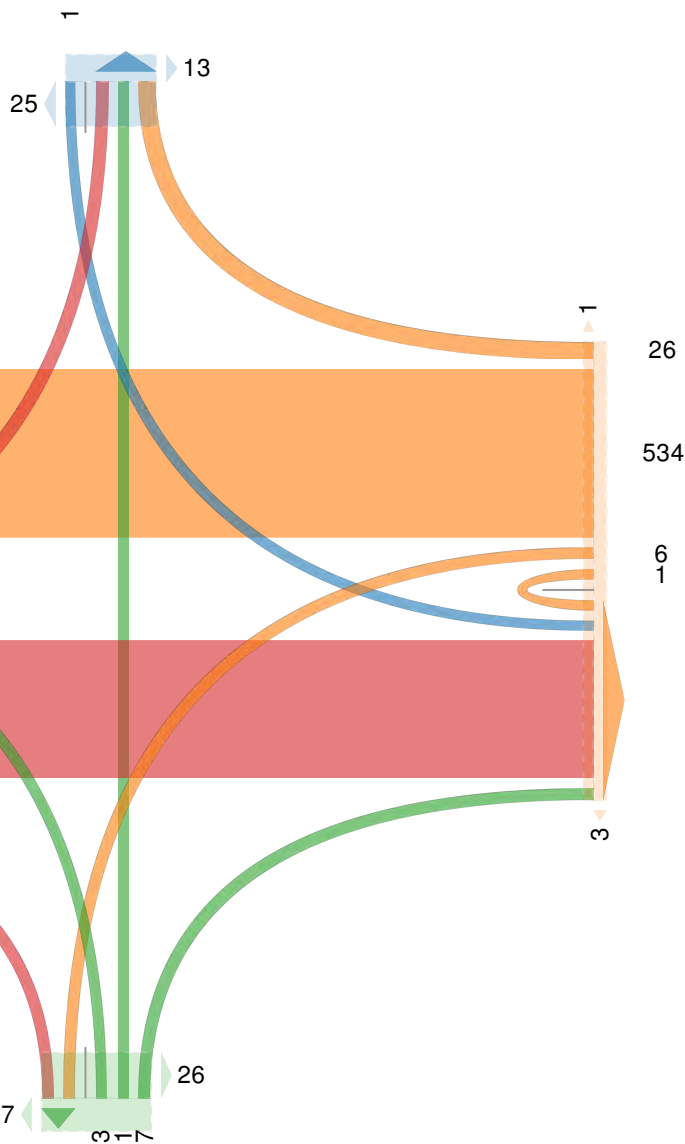
Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Mansfield Ave

Total: 38

In: 1 Out: 37



Out: 12 In: 11

Total: 23

[S] Mansfield Ave

[W] Atlantic Ave

Total: 981

In: 444 Out: 537

In: 567

Total: 1004

Out: 437

[E] Atlantic Ave

Mansfield Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

PM Peak (WKND) (Jul 11 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick Engineers
& Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

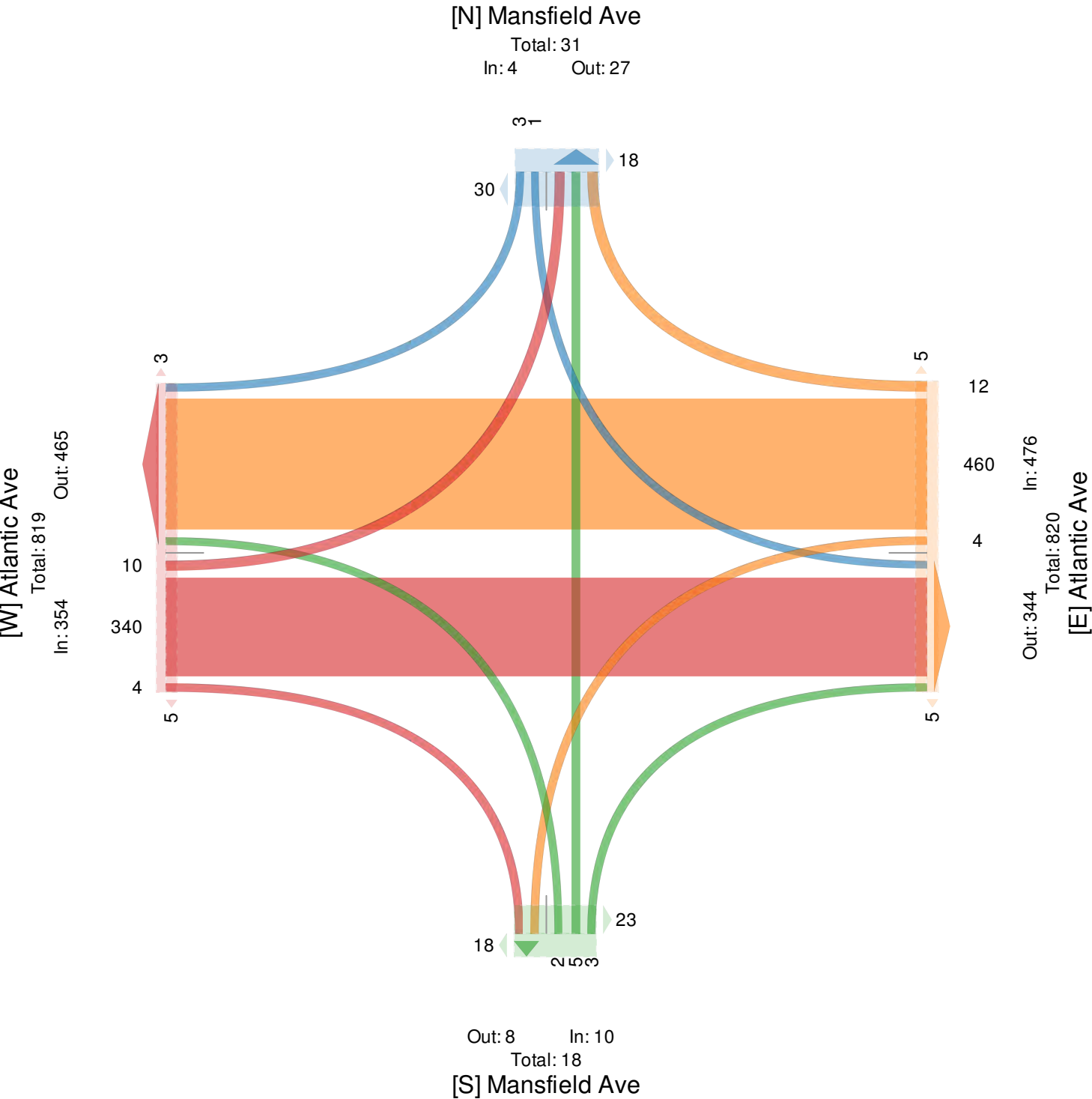
Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Mansfield Ave Northbound						Mansfield Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-11 1:00PM	2	104	1	0	107	1	0	110	6	0	116	0	2	1	0	0	3	21	0	0	3	0	3	15	229
1:15PM	2	78	2	0	82	2	1	112	3	0	116	5	0	2	1	0	3	4	1	0	0	0	1	14	202
1:30PM	3	84	1	0	88	2	1	122	2	0	125	0	0	0	1	0	1	10	0	0	0	0	0	10	214
1:45PM	3	74	0	0	77	3	2	116	1	0	119	5	0	2	1	0	3	6	0	0	0	0	0	9	199
Total	10	340	4	0	354	8	4	460	12	0	476	10	2	5	3	0	10	41	1	0	3	0	4	48	844
% Approach	2.8%	96.0%	1.1%	0%	-	-	0.8%	96.6%	2.5%	0%	-	-	20.0%	50.0%	30.0%	0%	-	-	25.0%	0%	75.0%	0%	-	-	-
% Total	1.2%	40.3%	0.5%	0%	41.9%	-	0.5%	54.5%	1.4%	0%	56.4%	-	0.2%	0.6%	0.4%	0%	1.2%	-	0.1%	0%	0.4%	0%	0.5%	-	-
PHF	1.000	0.821	0.500	-	0.827	-	0.375	0.956	0.500	-	0.973	-	-	0.625	0.750	-	0.667	-	-	-	-	-	-	-	0.955
Lights	8	284	4	0	296	-	3	413	12	0	428	-	0	5	3	0	8	-	0	0	0	0	0	-	732
% Lights	80.0%	83.5%	100%	0%	83.6%	-	75.0%	89.8%	100%	0%	89.9%	-	0%	100%	100%	0%	80.0%	-	0%	0%	0%	0%	0%	-	86.7%
Articulated Trucks and Single-Unit Trucks	0	5	0	0	5	-	0	4	0	0	4	-	0	0	0	0	0	-	0	0	0	0	0	-	9
% Articulated Trucks and Single-Unit Trucks	0%	1.5%	0%	0%	1.4%	-	0%	0.9%	0%	0%	0.8%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.1%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	2	51	0	0	53	-	1	43	0	0	44	-	2	0	0	0	2	-	1	0	3	0	4	-	103
% Bicycles on Road	20.0%	15.0%	0%	0%	15.0%	-	25.0%	9.3%	0%	0%	9.2%	-	100%	0%	0%	0%	20.0%	-	100%	0%	100%	0%	100%	-	12.2%
Pedestrians	-	-	-	-	-	8	-	-	-	-	-	10	-	-	-	-	-	38	-	-	-	-	-	47	-
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	92.7%	-	-	-	-	-	97.9%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	1	-
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	7.3%	-	-	-	-	-	2.1%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Mansfield Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020
PM Peak (WKND) (Jul 11 2020 1PM - 2 PM)
All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians,
Bicycles on Road, Bicycles on Crosswalk)
All Movements
ID: 770719, Location: 39.325616, -74.504277

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Huntington Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound							Atlantic Ave Westbound							Huntington Ave Northbound							Huntington Ave Southbound							
Time	L	T	R	U	App	Ped*		L	T	R	U	App	Ped*		L	T	R	U	App	Ped*		L	T	R	U	App	Ped*		Int
2020-07-09 7:00AM	0	35	0	0	35	2		0	35	2	0	37	0		0	0	0	0	0	6		0	0	0	0	0	1		72
7:15AM	0	51	0	0	51	0		0	59	2	0	61	1		2	0	0	0	2	5		0	0	1	0	1	5		115
7:30AM	0	38	0	0	38	0		2	48	0	0	50	3		0	0	1	0	1	4		1	0	0	0	1	4		90
7:45AM	0	45	0	0	45	1		0	76	10	0	86	3		1	0	0	0	1	6		0	0	0	0	0	1		132
Hourly Total	0	169	0	0	169	3		2	218	14	0	234	7		3	0	1	0	4	21		1	0	1	0	2	11		409
8:00AM	4	62	0	0	66	1		0	76	2	0	78	2		0	1	0	0	1	4		2	0	0	0	2	3		147
8:15AM	2	77	0	0	79	1		0	83	8	0	91	1		1	0	2	0	3	7		0	0	0	0	0	8		173
8:30AM	4	83	0	0	87	1		0	91	4	0	95	2		0	1	3	0	4	12		0	0	0	0	0	2		186
8:45AM	1	80	0	0	81	0		1	103	6	0	110	1		0	0	0	0	0	14		0	0	0	0	0	5		191
Hourly Total	11	302	0	0	313	3		1	353	20	0	374	6		1	2	5	0	8	37		2	0	0	0	2	18		697
9:00AM	0	3	0	0	3	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		3
Hourly Total	0	3	0	0	3	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		3
4:00PM	2	87	0	0	89	5		0	106	10	0	116	11		3	5	3	0	11	1		0	0	0	0	0	4		216
4:15PM	1	89	0	0	90	7		0	106	2	0	108	4		0	0	0	0	0	5		0	0	1	0	1	2		199
4:30PM	4	89	0	0	93	8		1	106	5	0	112	14		0	0	3	0	3	1		0	3	0	0	3	5		211
4:45PM	4	101	0	0	105	3		0	99	5	0	104	12		1	2	0	0	3	0		0	1	0	0	1	5		213
Hourly Total	11	366	0	0	377	23		1	417	22	0	440	41		4	7	6	0	17	7		0	4	1	0	5	16		839
5:00PM	2	91	1	0	94	1		2	99	6	0	107	23		1	1	1	0	3	4		0	0	0	0	0	2		204
5:15PM	2	97	3	0	102	5		0	100	5	0	105	2		3	3	2	0	8	7		0	0	0	0	0	4		215
5:30PM	0	91	0	0	91	1		2	98	9	0	109	12		0	5	1	0	6	3		0	1	0	0	1	2		207
5:45PM	7	101	3	0	111	9		0	93	3	0	96	3		1	0	2	0	3	8		0	1	0	0	1	6		211
Hourly Total	11	380	7	0	398	16		4	390	23	0	417	40		5	9	6	0	20	22		0	2	0	0	2	14		837
6:00PM	0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0
Hourly Total	0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0
2020-07-11 11:00AM	1	100	1	1	103	10		0	139	3	0	142	17		5	2	0	0	7	23		0	0	2	0	2	18		254
11:15AM	3	115	0	0	118	4		0	126	2	1	129	2		0	0	0	0	0	22		0	0	0	0	0	15		247
11:30AM	1	141	0	0	142	0		0	146	8	0	154	7		0	0	1	0	1	17		4	1	0	0	5	13		302
11:45AM	2	100	2	0	104	3		1	141	6	0	148	11		0	0	1	0	1	12		0	3	2	0	5	14		258
Hourly Total	7	456	3	1	467	17		1	552	19	1	573	37		5	2	2	0	9	74		4	4	4	0	12	60		1061
12:00PM	0	101	1	0	102	5		0	144	12	0	156	5		0	1	2	0	3	14		0	1	0	0	1	17		262
12:15PM	5	101	0	0	106	7		10	101	9	0	120	6		2	2	7	0	11	18		1	1	0	0	2	5		239
12:30PM	5	92	1	0	98	2		0	142	3	0	145	12		1	0	2	0	3	14		0	0	1	0	1	11		247
12:45PM	2	119	4	0	125	4		1	120	8	0	129	24		2	2	5	0	9	15		0	1	0	0	1	9		264
Hourly Total	12	413	6	0	431	18		11	507	32	0	550	47		5	5	16	0	26	61		1	3	1	0	5	42		1012
1:00PM	1	108	1	0	110	0		1	96	6	0	103	6		1	0	1	0	2	13		0	1	1	0	2	12		217
1:15PM	0	78	0	0	78	0		0	119	7	0	126	3		0	0	2	0	2	10		0	2	0	0	2	11		208
1:30PM	3	89	0	0	92	1		0	123	8	1	132	13		1	2	1	0	4	10		0	1	0	0	1	4		229
1:45PM	2	76	1	0	79	1		3	106	3	0	112	14		1	1	2	0	4	8		0	1	0	0	1	16		196
Hourly Total	6	351	2	0	359	2		4	444	24	1	473	36		3	3	6	0	12	41		0	5	1	0	6	43		850
2:00PM	0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0
Hourly Total	0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0
Total	58	2440	18	1	2517	82		24	2881	154	2	3061	214		26	28	42	0	96	263		8	18	8	0	34	204		5708
% Approach	2.3%	96.9%	0.7%	0%	-	-		0.8%	94.1%	5.0%	0.1%	-	-		27.1%	29.2%	43.8%	0%	-	-		23.5%	52.9%	23.5%	0%	-	-		-
% Total	1.0%	42.7%	0.3%	0%	44.1%	-		0.4%	50.5%	2.7%	0%	53.6%	-		0.5%	0.5%	0.7%	0%	1.7%	-		0.1%	0.3%	0.1%	0%	0.6%	-		-
Lights	49	1954	8	0	2011	-		17	2364	141	2	2524	-		22	14	34	0	70	-		0	0	0	0	0	-		4605
% Lights	84.5%	80.1%	44.4%	0%	79.9%	-		70.8%	82.1%	91.6%	100%	82.5%	-		84.6%	50.0%	81.0%	0%	72.9%	-		0%	0%	0%	0%	0%	-		80.7%
Articulated Trucks and Single-Unit Trucks	1	41	0	0	42	-		2	54	2	0	58	-		0	2	1	0	3	-		0	0	0	0	0	-		103
% Articulated Trucks and Single-Unit Trucks	1.7%	1.7%	0%	0%	1.7%	-		8.3%	1.9%	1.3%	0%	1.9%	-		0%	7.1%	2.4%	0%	3.1%	-		0%	0%	0%	0%	0%	-		1.8%
Buses	0	0	0	0	0	-		0	1	0	0	1	-		0	0	0	0	0	-		0	0	0	0	0	-		1
% Buses	0%	0%	0%	0%	0%	-		0%	0%	0%	0%	0%	-		0%	0%	0%	0%	0%	-		0%	0%	0%	0%	0%	-		0%
Bicycles on Road	8	445	10	1	464	-		5	462	11	0	478	-		4	12	7	0	23	-		8	18	8	0	34	-		999
% Bicycles on Road	13.8%	18.2%	55.6%	100%	18.4%	-		20.8%	16.0%	7.1%	0%	15.6%	-		15.4%	42.9%	16.7%	0%	24.0%	-		100%	100%	100%	0%	100%	-		17.5%
Pedestrians	-	-	-	-	-	66		-	-	-	-	-	196		-	-	-	-	-	250		-	-	-	-	-	196		
% Pedestrians	-	-	-	-	-	80.5%		-	-	-	-	-	91.6%		-	-	-	-	-	95.1%		-	-	-	-	-	96.1%		-
Bicycles on Crosswalk	-	-	-	-	-	16		-	-	-	-	-	18		-	-	-	-	-	13		-	-	-	-	-	8		
% Bicycles on Crosswalk	-	-	-	-	-	19.5%		-	-	-	-	-	8.4%		-	-	-	-	-	4.9%		-	-	-	-	-	3.9%		-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Huntington Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

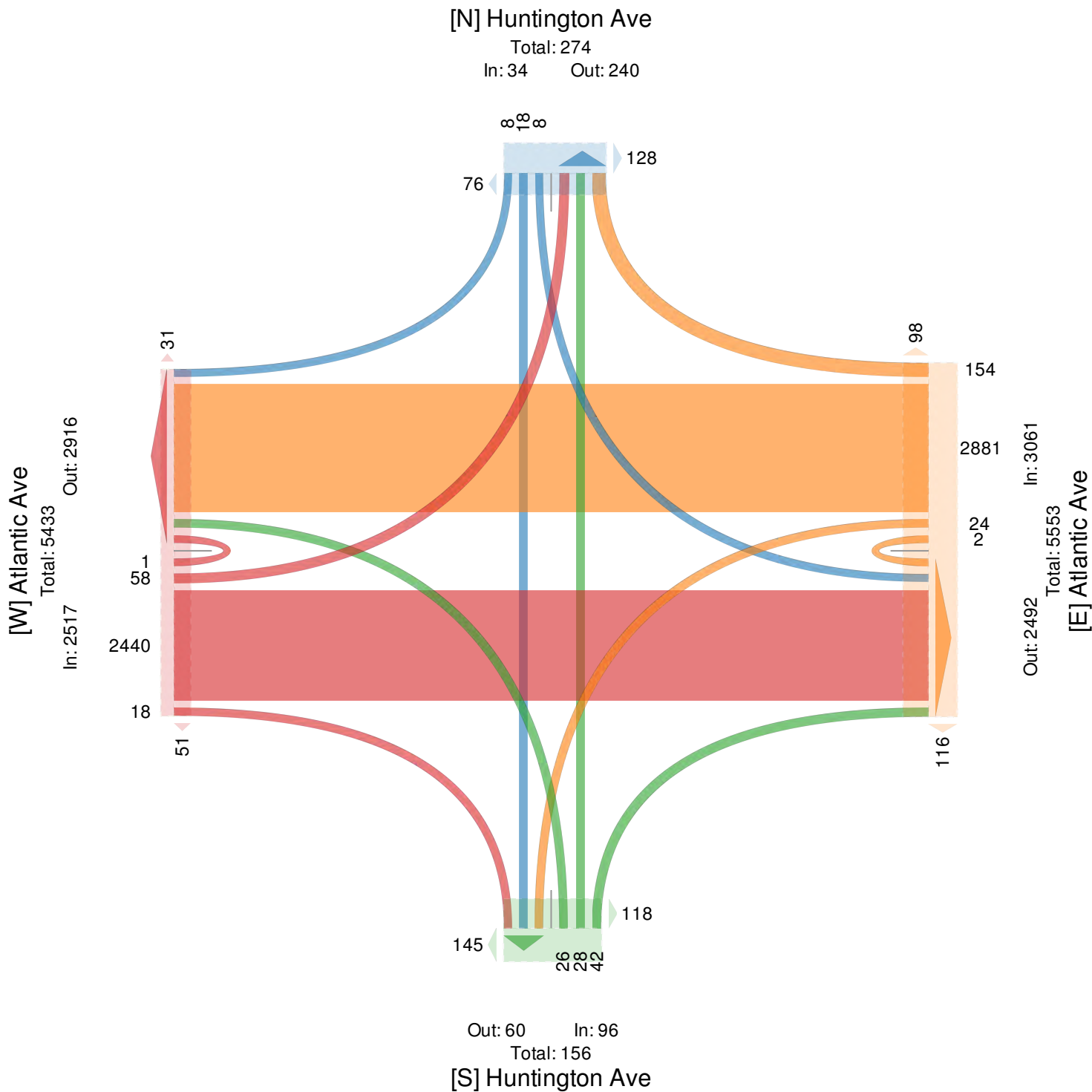
Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Huntington Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

AM Peak (Jul 09 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick Engineers

& Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Huntington Ave Northbound						Huntington Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-09 8:00AM	4	62	0	0	66	1	0	76	2	0	78	2	0	1	0	0	1	4	2	0	0	0	2	3	147
8:15AM	2	77	0	0	79	1	0	83	8	0	91	1	1	0	2	0	3	7	0	0	0	0	0	8	173
8:30AM	4	83	0	0	87	1	0	91	4	0	95	2	0	1	3	0	4	12	0	0	0	0	0	2	186
8:45AM	1	80	0	0	81	0	1	103	6	0	110	1	0	0	0	0	0	14	0	0	0	0	0	5	191
Total	11	302	0	0	313	3	1	353	20	0	374	6	1	2	5	0	8	37	2	0	0	0	2	18	697
% Approach	3.5%	96.5%	0%	0%	-	-	0.3%	94.4%	5.3%	0%	-	-	12.5%	25.0%	62.5%	0%	-	-	100%	0%	0%	0%	-	-	-
% Total	1.6%	43.3%	0%	0%	44.9%	-	0.1%	50.6%	2.9%	0%	53.7%	-	0.1%	0.3%	0.7%	0%	1.1%	-	0.3%	0%	0%	0%	0.3%	-	-
PHF	0.625	0.836	-	-	0.824	-	-	0.880	0.750	-	0.871	-	0.250	0.250	0.417	-	0.438	-	-	-	-	-	-	-	0.911
Lights	10	226	0	0	236	-	0	270	18	0	288	-	1	0	4	0	5	-	0	0	0	0	0	-	529
% Lights	90.9%	74.8%	0%	0%	75.4%	-	0%	76.5%	90.0%	0%	77.0%	-	100%	0%	80.0%	0%	62.5%	-	0%	0%	0%	0%	0%	-	75.9%
Articulated Trucks and Single-Unit Trucks	0	8	0	0	8	-	0	15	0	0	15	-	0	1	1	0	2	-	0	0	0	0	0	-	25
% Articulated Trucks and Single-Unit Trucks	0%	2.6%	0%	0%	2.6%	-	0%	4.2%	0%	0%	4.0%	-	0%	50.0%	20.0%	0%	25.0%	-	0%	0%	0%	0%	0%	-	3.6%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	1	68	0	0	69	-	1	68	2	0	71	-	0	1	0	0	1	-	2	0	0	0	2	-	143
% Bicycles on Road	9.1%	22.5%	0%	0%	22.0%	-	100%	19.3%	10.0%	0%	19.0%	-	0%	50.0%	0%	0%	12.5%	-	100%	0%	0%	0%	100%	-	20.5%
Pedestrians	-	-	-	-	-	3	-	-	-	-	-	5	-	-	-	-	-	37	-	-	-	-	-	18	-
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	83.3%	-	-	-	-	-	100%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	16.7%	-	-	-	-	-	0%	-	-	-	-	-	0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Huntington Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

AM Peak (Jul 09 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Huntington Ave

Total: 35

In: 2 Out: 33

2

7

11

1

2

20

353

1

11

302

2

4

25

12

Out: 1

In: 8

Total: 9

[S] Huntington Ave

[W] Atlantic Ave

Total: 667
In: 313 Out: 354

Out: 309 In: 374
Total: 683

[E] Atlantic Ave

Huntington Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

PM Peak (Jul 09 2020 4:30PM - 5:30 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick Engineers
& Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Huntington Ave Northbound						Huntington Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-09 4:30PM	4	89	0	0	93	8	1	106	5	0	112	14	0	0	3	0	3	1	0	3	0	0	3	5	211
4:45PM	4	101	0	0	105	3	0	99	5	0	104	12	1	2	0	0	3	0	0	1	0	0	1	5	213
5:00PM	2	91	1	0	94	1	2	99	6	0	107	23	1	1	1	0	3	4	0	0	0	0	0	2	204
5:15PM	2	97	3	0	102	5	0	100	5	0	105	2	3	3	2	0	8	7	0	0	0	0	0	4	215
Total	12	378	4	0	394	17	3	404	21	0	428	51	5	6	6	0	17	12	0	4	0	0	4	16	843
% Approach	3.0%	95.9%	1.0%	0%	-	-	0.7%	94.4%	4.9%	0%	-	-	29.4%	35.3%	35.3%	0%	-	-	0%	100%	0%	0%	-	-	-
% Total	1.4%	44.8%	0.5%	0%	46.7%	-	0.4%	47.9%	2.5%	0%	50.8%	-	0.6%	0.7%	0.7%	0%	2.0%	-	0%	0.5%	0%	0%	0.5%	-	-
PHF	0.667	0.956	0.250	-	0.960	-	0.375	0.976	0.875	-	0.978	-	0.417	0.417	0.417	-	0.536	-	-	-	-	-	-	-	0.964
Lights	8	343	1	0	352	-	3	365	21	0	389	-	5	5	5	0	15	-	0	0	0	0	0	-	756
% Lights	66.7%	90.7%	25.0%	0%	89.3%	-	100%	90.3%	100%	0%	90.9%	-	100%	83.3%	83.3%	0%	88.2%	-	0%	0%	0%	0%	0%	-	89.7%
Articulated Trucks and Single-Unit Trucks	0	5	0	0	5	-	0	6	0	0	6	-	0	0	0	0	0	-	0	0	0	0	0	-	11
% Articulated Trucks and Single-Unit Trucks	0%	1.3%	0%	0%	1.3%	-	0%	1.5%	0%	0%	1.4%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.3%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	4	30	3	0	37	-	0	33	0	0	33	-	0	1	1	0	2	-	0	4	0	0	4	-	76
% Bicycles on Road	33.3%	7.9%	75.0%	0%	9.4%	-	0%	8.2%	0%	0%	7.7%	-	0%	16.7%	16.7%	0%	11.8%	-	0%	100%	0%	0%	100%	-	9.0%
Pedestrians	-	-	-	-	-	14	-	-	-	-	-	50	-	-	-	-	-	12	-	-	-	-	-	14	
% Pedestrians	-	-	-	-	-	82.4%	-	-	-	-	-	98.0%	-	-	-	-	-	100%	-	-	-	-	-	87.5%	-
Bicycles on Crosswalk	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	2	
% Bicycles on Crosswalk	-	-	-	-	-	17.6%	-	-	-	-	-	2.0%	-	-	-	-	-	0%	-	-	-	-	-	12.5%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Huntington Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

PM Peak (Jul 09 2020 4:30PM - 5:30 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Huntington Ave

Total: 43

In: 4 Out: 39

4

6

10

2

11

21

[W] Atlantic Ave

Total: 803

Out: 409

In: 394

12

378

4

15

Out: 384 In: 428

Total: 812

[E] Atlantic Ave

40

Out: 11 In: 17

Total: 28

[S] Huntington Ave

7

5

5 6 6

Huntington Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

Midday Peak (WKND) (Jul 11 2020 11:30AM - 12:30 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick Engineers & Associates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Huntington Ave Northbound						Huntington Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-11 11:30AM	1	141	0	0	142	0	0	146	8	0	154	7	0	0	1	0	1	17	4	1	0	0	5	13	302
11:45AM	2	100	2	0	104	3	1	141	6	0	148	11	0	0	1	0	1	12	0	3	2	0	5	14	258
12:00PM	0	101	1	0	102	5	0	144	12	0	156	5	0	1	2	0	3	14	0	1	0	0	1	17	262
12:15PM	5	101	0	0	106	7	10	101	9	0	120	6	2	2	7	0	11	18	1	1	0	0	2	5	239
Total	8	443	3	0	454	15	11	532	35	0	578	29	2	3	11	0	16	61	5	6	2	0	13	49	1061
% Approach	1.8%	97.6%	0.7%	0%	-	-	1.9%	92.0%	6.1%	0%	-	-	12.5%	18.8%	68.8%	0%	-	-	38.5%	46.2%	15.4%	0%	-	-	-
% Total	0.8%	41.8%	0.3%	0%	42.8%	-	1.0%	50.1%	3.3%	0%	54.5%	-	0.2%	0.3%	1.0%	0%	1.5%	-	0.5%	0.6%	0.2%	0%	1.2%	-	-
PHF	0.400	0.860	-	-	0.871	-	0.286	0.900	0.705	-	0.937	-	0.250	0.500	0.357	-	0.350	-	-	-	-	-	-	-	0.927
Lights	7	329	0	0	336	-	7	401	31	0	439	-	2	1	10	0	13	-	0	0	0	0	0	-	788
% Lights	87.5%	74.3%	0%	0%	74.0%	-	63.6%	75.4%	88.6%	0%	76.0%	-	100%	33.3%	90.9%	0%	81.3%	-	0%	0%	0%	0%	0%	-	74.3%
Articulated Trucks and Single-Unit Trucks	1	8	0	0	9	-	1	6	0	0	7	-	0	1	0	0	1	-	0	0	0	0	0	-	17
% Articulated Trucks and Single-Unit Trucks	12.5%	1.8%	0%	0%	2.0%	-	9.1%	1.1%	0%	0%	1.2%	-	0%	33.3%	0%	0%	6.3%	-	0%	0%	0%	0%	0%	-	1.6%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	106	3	0	109	-	3	125	4	0	132	-	0	1	1	0	2	-	5	6	2	0	13	-	256
% Bicycles on Road	0%	23.9%	100%	0%	24.0%	-	27.3%	23.5%	11.4%	0%	22.8%	-	0%	33.3%	9.1%	0%	12.5%	-	100%	100%	100%	0%	100%	-	24.1%
Pedestrians	-	-	-	-	-	11	-	-	-	-	-	21	-	-	-	-	-	57	-	-	-	-	-	47	
% Pedestrians	-	-	-	-	-	73.3%	-	-	-	-	-	72.4%	-	-	-	-	-	93.4%	-	-	-	-	-	95.9%	-
Bicycles on Crosswalk	-	-	-	-	-	4	-	-	-	-	-	8	-	-	-	-	-	4	-	-	-	-	-	2	
% Bicycles on Crosswalk	-	-	-	-	-	26.7%	-	-	-	-	-	27.6%	-	-	-	-	-	6.6%	-	-	-	-	-	4.1%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Huntington Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

Midday Peak (WKND) (Jul 11 2020 11:30AM - 12:30 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Huntington Ave

Total: 59

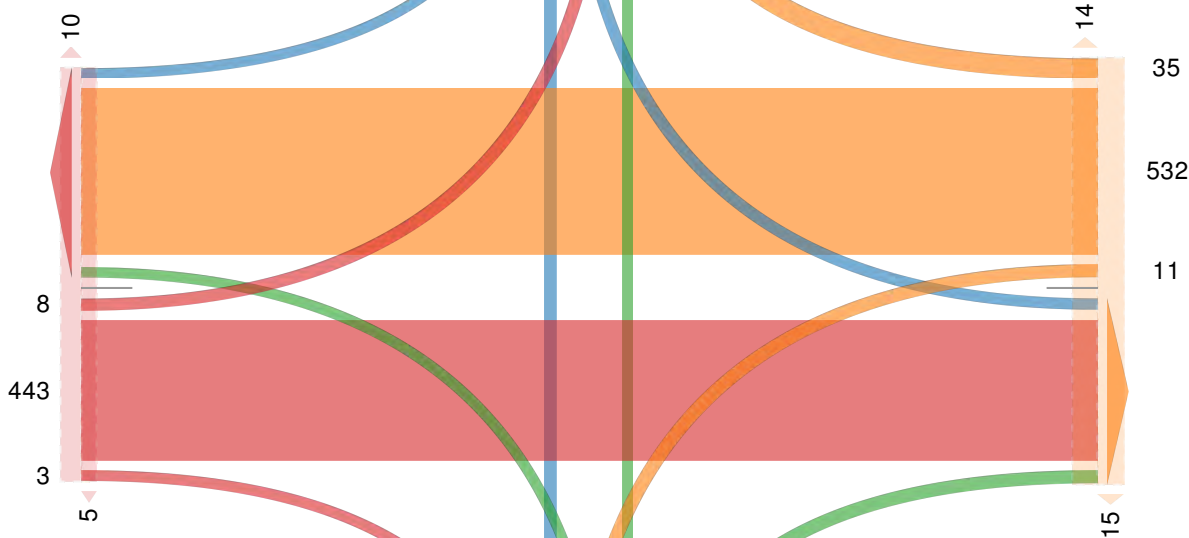
In: 13 Out: 46

2605

18 31

[W] Atlantic Ave

Total: 990
In: 454 Out: 536



Out: 20 In: 16
Total: 36

[S] Huntington Ave

Huntington Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

PM Peak (WKND) (Jul 11 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road,

Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Ave Eastbound						Atlantic Ave Westbound						Huntington Ave Northbound						Huntington Ave Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-11 1:00PM	1	108	1	0	110	0	1	96	6	0	103	6	1	0	1	0	2	13	0	1	1	0	2	12	217
1:15PM	0	78	0	0	78	0	0	119	7	0	126	3	0	0	2	0	2	10	0	2	0	0	2	11	208
1:30PM	3	89	0	0	92	1	0	123	8	1	132	13	1	2	1	0	4	10	0	1	0	0	1	4	229
1:45PM	2	76	1	0	79	1	3	106	3	0	112	14	1	1	2	0	4	8	0	1	0	0	1	16	196
Total	6	351	2	0	359	2	4	444	24	1	473	36	3	3	6	0	12	41	0	5	1	0	6	43	850
% Approach	1.7%	97.8%	0.6%	0%	-	-	0.8%	93.9%	5.1%	0.2%	-	-	25.0%	25.0%	50.0%	0%	-	-	0%	83.3%	16.7%	0%	-	-	-
% Total	0.7%	41.3%	0.2%	0%	42.2%	-	0.5%	52.2%	2.8%	0.1%	55.6%	-	0.4%	0.4%	0.7%	0%	1.4%	-	0%	0.6%	0.1%	0%	0.7%	-	-
PHF	0.500	0.820	0.500	-	0.824	-	0.333	0.903	0.688	0.250	0.891	-	0.750	0.250	0.625	-	0.563	-	-	-	-	-	-	-	0.919
Lights	6	300	2	0	308	-	4	404	22	1	431	-	3	1	5	0	9	-	0	0	0	0	0	-	748
% Lights	100%	85.5%	100%	0%	85.8%	-	100%	91.0%	91.7%	100%	91.1%	-	100%	33.3%	83.3%	0%	75.0%	-	0%	0%	0%	0%	0%	-	88.0%
Articulated Trucks and Single-Unit Trucks	0	5	0	0	5	-	0	4	0	0	4	-	0	0	0	0	0	-	0	0	0	0	0	-	9
% Articulated Trucks and Single-Unit Trucks	0%	1.4%	0%	0%	1.4%	-	0%	0.9%	0%	0%	0.8%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.1%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	46	0	0	46	-	0	36	2	0	38	-	0	2	1	0	3	-	0	5	1	0	6	-	93
% Bicycles on Road	0%	13.1%	0%	0%	12.8%	-	0%	8.1%	8.3%	0%	8.0%	-	0%	66.7%	16.7%	0%	25.0%	-	0%	100%	100%	0%	100%	-	10.9%
Pedestrians	-	-	-	-	-	2	-	-	-	-	-	35	-	-	-	-	-	39	-	-	-	-	-	41	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	97.2%	-	-	-	-	-	95.1%	-	-	-	-	-	95.3%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	2	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	2.8%	-	-	-	-	-	4.9%	-	-	-	-	-	4.7%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Huntington Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

PM Peak (WKND) (Jul 11 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770722, Location: 39.32768, -74.500064

Provided by: Remington and Vernick

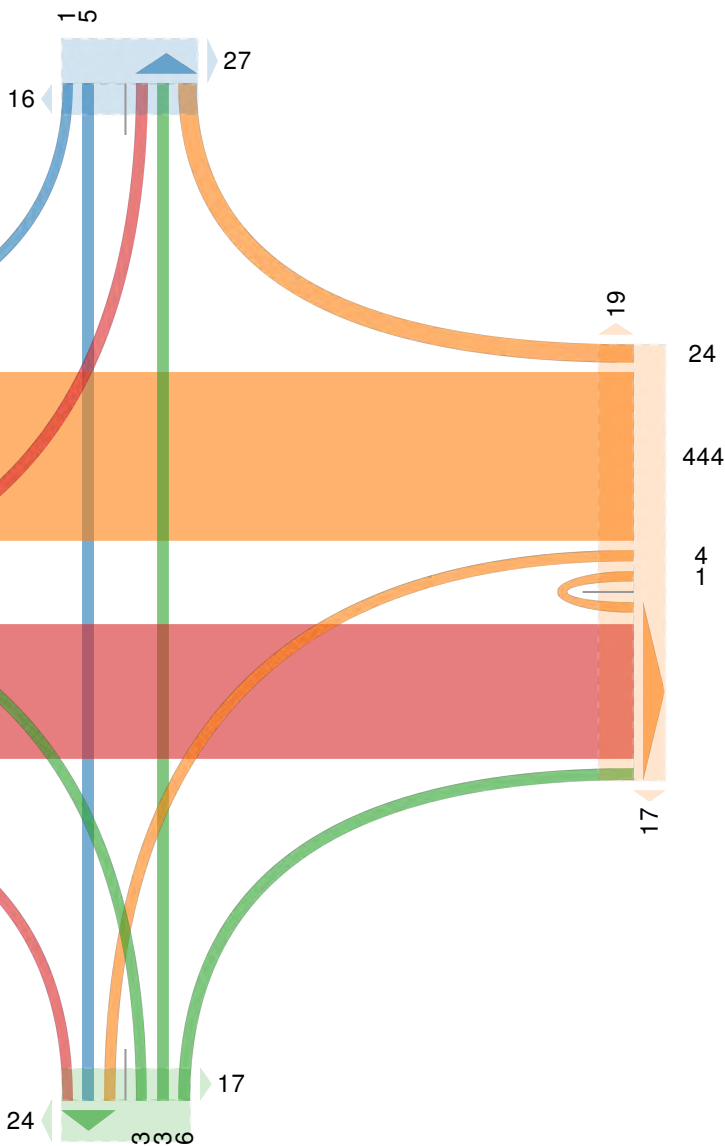
Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Huntington Ave

Total: 39

In: 6 Out: 33



Essex Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound					Atlantic Avenue Westbound					Essex Avenue Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	L	R	U	App	Ped*	Int
2020-07-09 7:00AM	2	32	0	34	2	35	5	0	40	1	3	5	0	8	7	82
7:15AM	3	54	0	57	0	59	4	0	63	2	2	6	0	8	4	128
7:30AM	2	46	0	48	0	50	5	0	55	4	6	1	0	7	3	110
7:45AM	5	48	0	53	0	77	7	0	84	2	7	6	0	13	5	150
Hourly Total	12	180	0	192	2	221	21	0	242	9	18	18	0	36	19	470
8:00AM	6	66	0	72	0	77	7	0	84	0	5	3	0	8	0	164
8:15AM	10	70	1	81	1	73	4	0	77	4	3	10	0	13	3	171
8:30AM	9	85	1	95	0	90	6	0	96	2	10	9	0	19	5	210
8:45AM	4	92	0	96	0	88	10	0	98	1	7	13	0	20	4	214
Hourly Total	29	313	2	344	1	328	27	0	355	7	25	35	0	60	12	759
4:00PM	23	98	1	122	8	89	9	0	98	3	13	11	0	24	2	244
4:15PM	9	88	1	98	1	88	9	0	97	3	4	8	0	12	7	207
4:30PM	20	106	0	126	3	92	9	0	101	3	13	9	0	22	8	249
4:45PM	9	119	1	129	4	76	9	0	85	5	12	11	0	23	10	237
Hourly Total	61	411	3	475	16	345	36	0	381	14	42	39	0	81	27	937
5:00PM	8	96	0	104	2	82	12	0	94	3	6	10	0	16	3	214
5:15PM	8	101	0	109	2	100	9	0	109	3	13	3	0	16	3	234
5:30PM	8	98	1	107	5	89	5	0	94	10	12	13	0	25	5	226
5:45PM	6	96	0	102	3	82	7	0	89	5	7	6	0	13	8	204
Hourly Total	30	391	1	422	12	353	33	0	386	21	38	32	0	70	19	878
2020-07-11 11:00AM	19	106	1	126	2	117	14	0	131	12	14	9	0	23	10	280
11:15AM	12	127	1	140	6	114	23	0	137	15	14	23	0	37	24	314
11:30AM	21	133	0	154	7	108	13	0	121	6	14	20	0	34	20	309
11:45AM	14	100	0	114	4	105	18	0	123	15	19	21	0	40	13	277
Hourly Total	66	466	2	534	19	444	68	0	512	48	61	73	0	134	67	1180
12:00PM	15	98	1	114	8	108	13	0	121	21	15	18	1	34	13	269
12:15PM	14	90	0	104	5	99	15	0	114	10	14	12	0	26	5	244
12:30PM	9	102	0	111	4	111	17	0	128	19	15	27	1	43	11	282
12:45PM	15	115	0	130	5	93	17	0	110	13	18	17	0	35	19	275
Hourly Total	53	405	1	459	22	411	62	0	473	63	62	74	2	138	48	1070
1:00PM	5	122	0	127	7	80	17	0	97	1	10	12	1	23	6	247
1:15PM	17	80	0	97	2	91	18	0	109	5	9	12	0	21	9	227
1:30PM	15	85	0	100	1	85	17	0	102	5	9	22	0	31	5	233
1:45PM	8	89	0	97	5	88	15	0	103	8	16	9	0	25	8	225
Hourly Total	45	376	0	421	15	344	67	0	411	19	44	55	1	100	28	932
2:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	296	2542	9	2847	87	2446	314	0	2760	181	290	326	3	619	220	6226
% Approach	10.4%	89.3%	0.3%	-	-	88.6%	11.4%	0%	-	-	46.8%	52.7%	0.5%	-	-	-
% Total	4.8%	40.8%	0.1%	45.7%	-	39.3%	5.0%	0%	44.3%	-	4.7%	5.2%	0%	9.9%	-	-
Lights	267	2031	9	2307	-	2019	217	0	2236	-	254	272	3	529	-	5072
% Lights	90.2%	79.9%	100%	81.0%	-	82.5%	69.1%	0%	81.0%	-	87.6%	83.4%	100%	85.5%	-	81.5%
Articulated Trucks and Single-Unit Trucks	2	50	0	52	-	42	6	0	48	-	11	5	0	16	-	116
% Articulated Trucks and Single-Unit Trucks	0.7%	2.0%	0%	1.8%	-	1.7%	1.9%	0%	1.7%	-	3.8%	1.5%	0%	2.6%	-	1.9%
Buses	0	0	0	0	-	1	0	0	1	-	0	0	0	0	-	1
% Buses	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%
Bicycles on Road	27	461	0	488	-	384	91	0	475	-	25	49	0	74	-	1037
% Bicycles on Road	9.1%	18.1%	0%	17.1%	-	15.7%	29.0%	0%	17.2%	-	8.6%	15.0%	0%	12.0%	-	16.7%
Pedestrians	-	-	-	-	69	-	-	-	-	153	-	-	-	-	190	-
% Pedestrians	-	-	-	-	79.3%	-	-	-	-	84.5%	-	-	-	-	86.4%	-
Bicycles on Crosswalk	-	-	-	-	18	-	-	-	-	28	-	-	-	-	30	-

Leg Direction	Atlantic Avenue Eastbound					Atlantic Avenue Westbound					Essex Avenue Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	L	R	U	App	Ped*	Int
% Bicycles on Crosswalk	-	-	-	-	20.7%	-	-	-	-	15.5%	-	-	-	-	13.6%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Essex Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

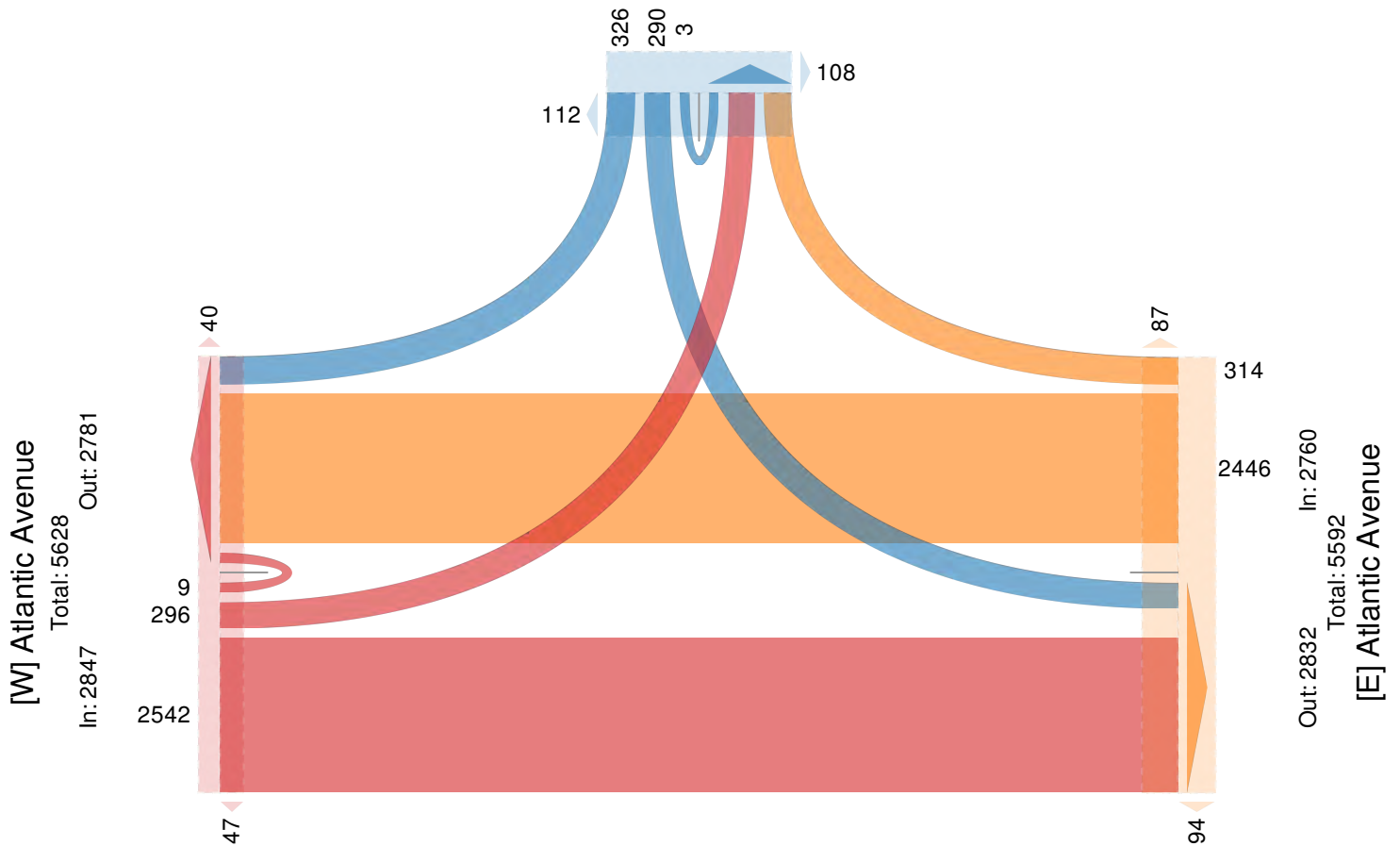
ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Essex Avenue

Total: 1232

In: 619 Out: 613



Essex Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

AM Peak (Jul 09 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound					Atlantic Avenue Westbound					Essex Avenue Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	L	R	U	App	Ped*	Int
2020-07-09 8:00AM	6	66	0	72	0	77	7	0	84	0	5	3	0	8	0	164
8:15AM	10	70	1	81	1	73	4	0	77	4	3	10	0	13	3	171
8:30AM	9	85	1	95	0	90	6	0	96	2	10	9	0	19	5	210
8:45AM	4	92	0	96	0	88	10	0	98	1	7	13	0	20	4	214
Total	29	313	2	344	1	328	27	0	355	7	25	35	0	60	12	759
% Approach	8.4%	91.0%	0.6%	-	-	92.4%	7.6%	0%	-	-	41.7%	58.3%	0%	-	-	-
% Total	3.8%	41.2%	0.3%	45.3%	-	43.2%	3.6%	0%	46.8%	-	3.3%	4.6%	0%	7.9%	-	-
PHF	0.778	0.896	0.500	0.877	-	0.960	0.750	-	0.943	-	0.575	0.577	-	0.697	-	0.918
Lights	28	232	2	262	-	252	17	0	269	-	22	28	0	50	-	581
% Lights	96.6%	74.1%	100%	76.2%	-	76.8%	63.0%	0%	75.8%	-	88.0%	80.0%	0%	83.3%	-	76.5%
Articulated Trucks and Single-Unit Trucks	0	8	0	8	-	13	1	0	14	-	1	2	0	3	-	25
% Articulated Trucks and Single-Unit Trucks	0%	2.6%	0%	2.3%	-	4.0%	3.7%	0%	3.9%	-	4.0%	5.7%	0%	5.0%	-	3.3%
Buses	0	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%
Bicycles on Road	1	73	0	74	-	63	9	0	72	-	2	5	0	7	-	153
% Bicycles on Road	3.4%	23.3%	0%	21.5%	-	19.2%	33.3%	0%	20.3%	-	8.0%	14.3%	0%	11.7%	-	20.2%
Pedestrians	-	-	-	-	1	-	-	-	-	5	-	-	-	-	11	
% Pedestrians	-	-	-	-	100%	-	-	-	-	71.4%	-	-	-	-	91.7%	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	2	-	-	-	-	1	
% Bicycles on Crosswalk	-	-	-	-	0%	-	-	-	-	28.6%	-	-	-	-	8.3%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Essex Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

AM Peak (Jul 09 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians,
Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Essex Avenue

Total: 116

In: 60 Out: 56

35 25
7 5

[W] Atlantic Avenue

Total: 709
In: 344 Out: 365

2
29
313

1

27
328

Out: 338
Total: 693
In: 355

[E] Atlantic Avenue

1

Essex Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

PM Peak (Jul 09 2020 4PM - 5 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound					Atlantic Avenue Westbound					Essex Avenue Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	L	R	U	App	Ped*	Int
2020-07-09 4:00PM	23	98	1	122	8	89	9	0	98	3	13	11	0	24	2	244
4:15PM	9	88	1	98	1	88	9	0	97	3	4	8	0	12	7	207
4:30PM	20	106	0	126	3	92	9	0	101	3	13	9	0	22	8	249
4:45PM	9	119	1	129	4	76	9	0	85	5	12	11	0	23	10	237
Total	61	411	3	475	16	345	36	0	381	14	42	39	0	81	27	937
% Approach	12.8%	86.5%	0.6%	-	-	90.6%	9.4%	0%	-	-	51.9%	48.1%	0%	-	-	-
% Total	6.5%	43.9%	0.3%	50.7%	-	36.8%	3.8%	0%	40.7%	-	4.5%	4.2%	0%	8.6%	-	-
PHF	0.700	0.896	0.750	0.922	-	0.955	0.861	-	0.946	-	0.769	0.900	-	0.864	-	0.930
Lights	54	364	3	421	-	310	30	0	340	-	39	35	0	74	-	835
% Lights	88.5%	88.6%	100%	88.6%	-	89.9%	83.3%	0%	89.2%	-	92.9%	89.7%	0%	91.4%	-	89.1%
Articulated Trucks and Single-Unit Trucks	2	5	0	7	-	10	1	0	11	-	1	1	0	2	-	20
% Articulated Trucks and Single-Unit Trucks	3.3%	1.2%	0%	1.5%	-	2.9%	2.8%	0%	2.9%	-	2.4%	2.6%	0%	2.5%	-	2.1%
Buses	0	0	0	0	-	1	0	0	1	-	0	0	0	0	-	1
% Buses	0%	0%	0%	0%	-	0.3%	0%	0%	0.3%	-	0%	0%	0%	0%	-	0.1%
Bicycles on Road	5	42	0	47	-	24	5	0	29	-	2	3	0	5	-	81
% Bicycles on Road	8.2%	10.2%	0%	9.9%	-	7.0%	13.9%	0%	7.6%	-	4.8%	7.7%	0%	6.2%	-	8.6%
Pedestrians	-	-	-	-	16	-	-	-	-	10	-	-	-	-	17	-
% Pedestrians	-	-	-	-	100%	-	-	-	-	71.4%	-	-	-	-	63.0%	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	4	-	-	-	-	10	-
% Bicycles on Crosswalk	-	-	-	-	0%	-	-	-	-	28.6%	-	-	-	-	37.0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Essex Avenue & Atlantic Avenue - TMC

Thu Jul 9, 2020

PM Peak (Jul 09 2020 4PM - 5 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians,
Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

Engineers & Affiliates

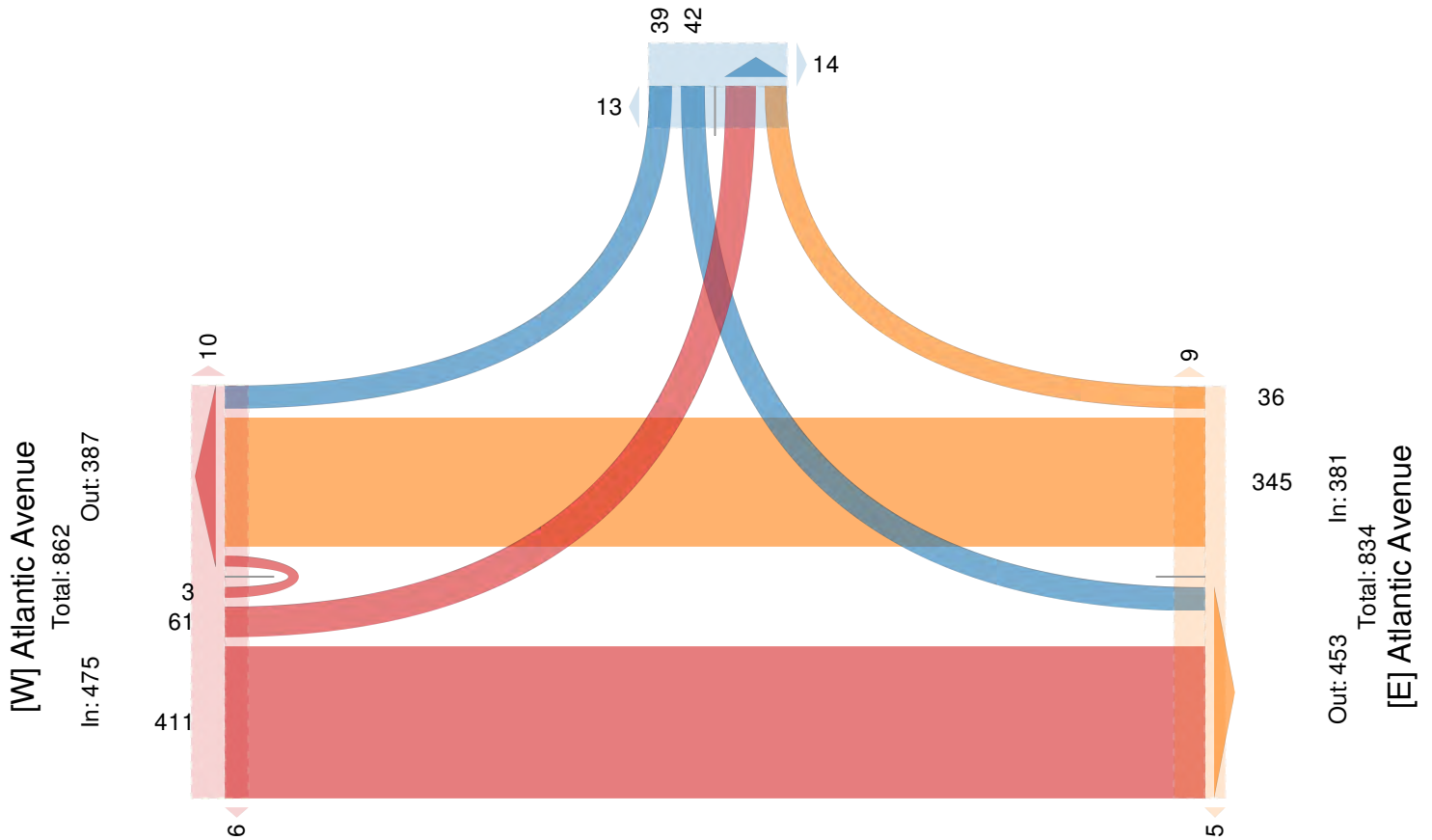
227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Essex Avenue

Total: 178

In: 81

Out: 97



Essex Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

Midday Peak (WKND) (Jul 11 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound					Atlantic Avenue Westbound					Essex Avenue Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	L	R	U	App	Ped*	Int
2020-07-11 12:00PM	15	98	1	114	8	108	13	0	121	21	15	18	1	34	13	269
12:15PM	14	90	0	104	5	99	15	0	114	10	14	12	0	26	5	244
12:30PM	9	102	0	111	4	111	17	0	128	19	15	27	1	43	11	282
12:45PM	15	115	0	130	5	93	17	0	110	13	18	17	0	35	19	275
Total	53	405	1	459	22	411	62	0	473	63	62	74	2	138	48	1070
% Approach	11.5%	88.2%	0.2%	-	-	86.9%	13.1%	0%	-	-	44.9%	53.6%	1.4%	-	-	-
% Total	5.0%	37.9%	0.1%	42.9%	-	38.4%	5.8%	0%	44.2%	-	5.8%	6.9%	0.2%	12.9%	-	-
PHF	0.833	0.887	0.250	0.882	-	0.880	0.821	-	0.906	-	0.882	0.847	0.500	0.904	-	0.933
Lights	50	312	1	363	-	336	45	0	381	-	59	60	2	121	-	865
% Lights	94.3%	77.0%	100%	79.1%	-	81.8%	72.6%	0%	80.5%	-	95.2%	81.1%	100%	87.7%	-	80.8%
Articulated Trucks and Single-Unit Trucks	0	11	0	11	-	2	1	0	3	-	1	1	0	2	-	16
% Articulated Trucks and Single-Unit Trucks	0%	2.7%	0%	2.4%	-	0.5%	1.6%	0%	0.6%	-	1.6%	1.4%	0%	1.4%	-	1.5%
Buses	0	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%
Bicycles on Road	3	82	0	85	-	73	16	0	89	-	2	13	0	15	-	189
% Bicycles on Road	5.7%	20.2%	0%	18.5%	-	17.8%	25.8%	0%	18.8%	-	3.2%	17.6%	0%	10.9%	-	17.7%
Pedestrians	-	-	-	-	15	-	-	-	-	54	-	-	-	-	42	
% Pedestrians	-	-	-	-	68.2%	-	-	-	-	85.7%	-	-	-	-	87.5%	-
Bicycles on Crosswalk	-	-	-	-	7	-	-	-	-	9	-	-	-	-	6	
% Bicycles on Crosswalk	-	-	-	-	31.8%	-	-	-	-	14.3%	-	-	-	-	12.5%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Essex Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

Midday Peak (WKND) (Jul 11 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

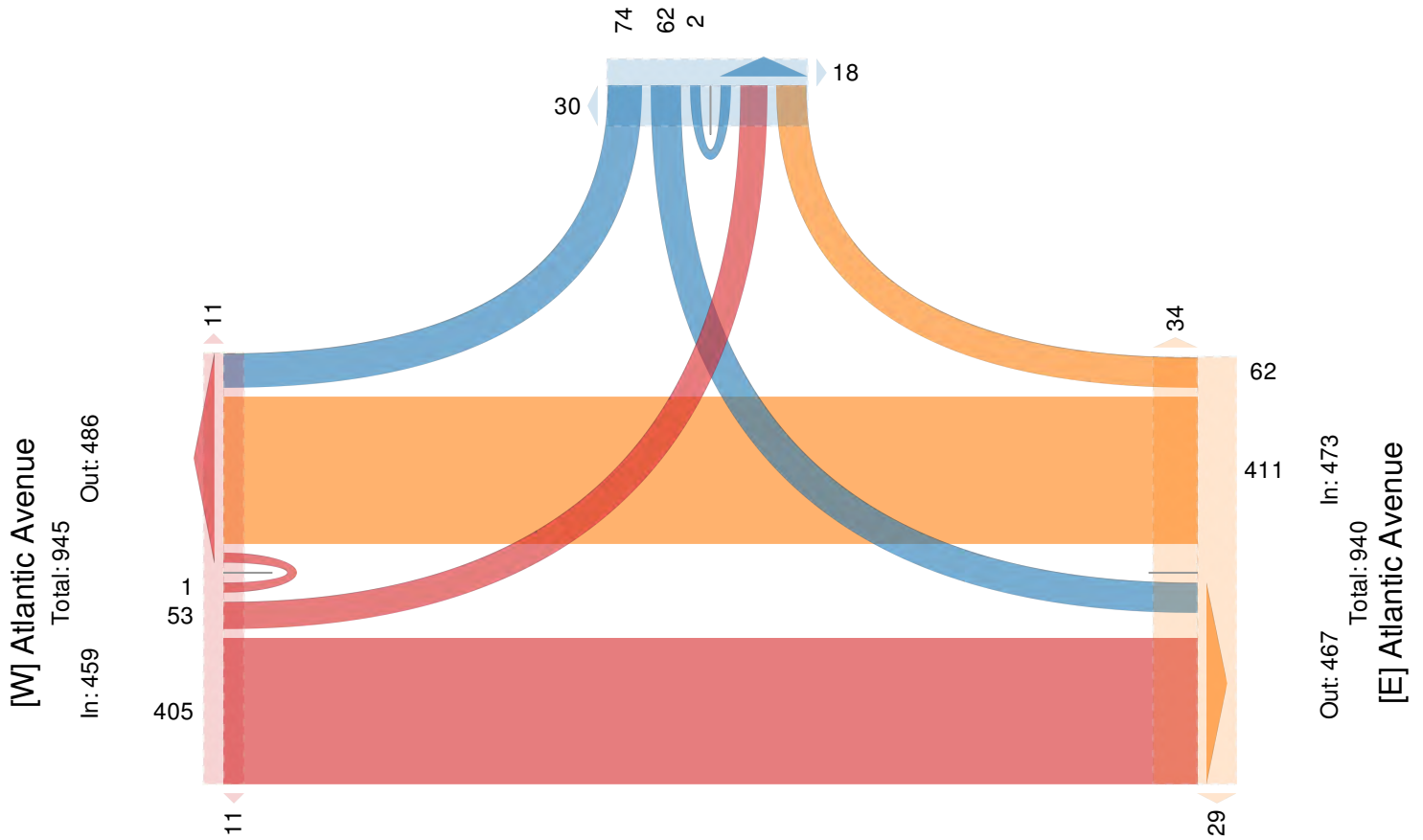
Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Essex Avenue

Total: 255

In: 138 Out: 117



Essex Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020

PM Peak (WKND) (Jul 11 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

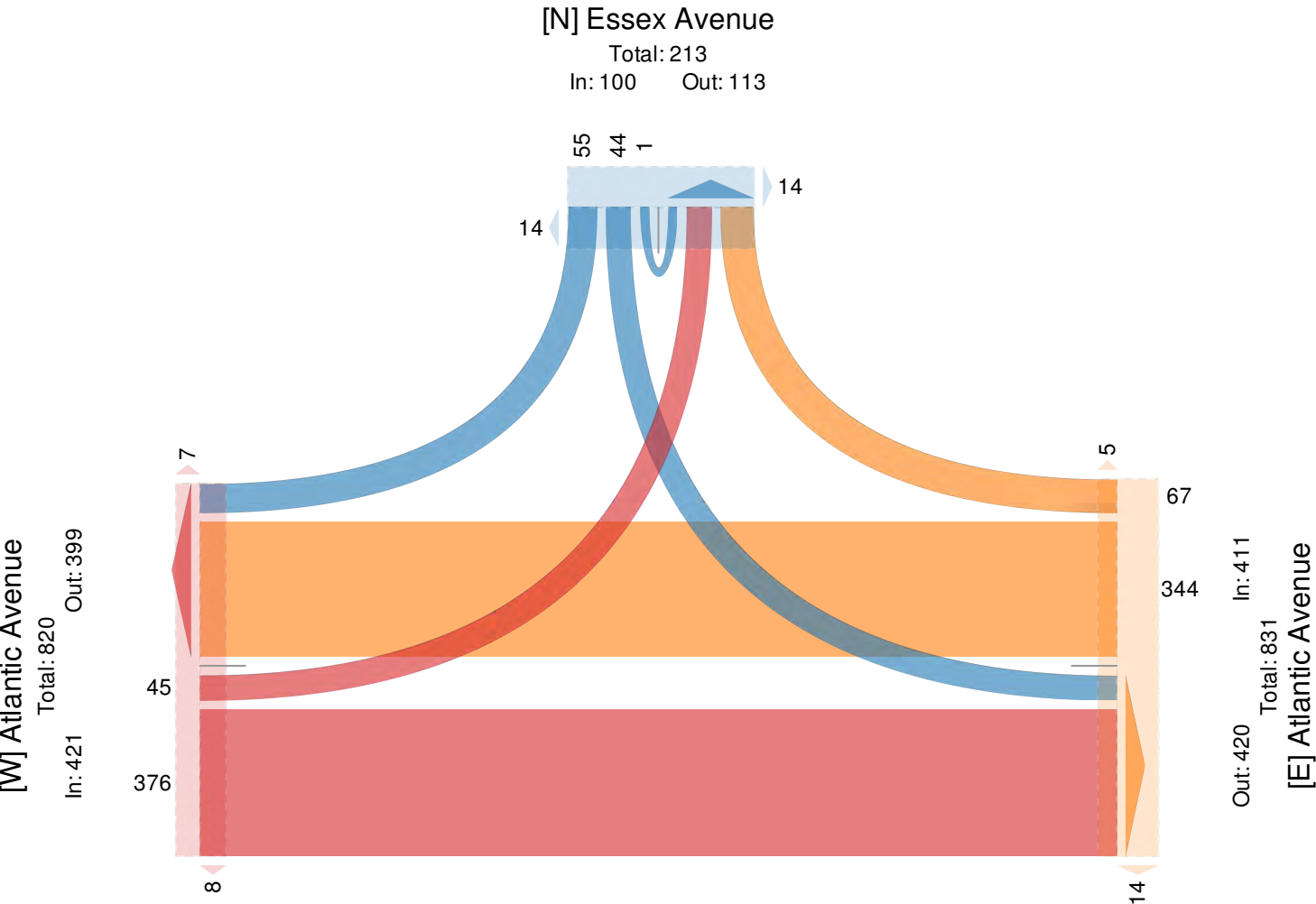
Leg Direction	Atlantic Avenue Eastbound					Atlantic Avenue Westbound					Essex Avenue Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	L	R	U	App	Ped*	Int
2020-07-11 1:00PM	5	122	0	127	7	80	17	0	97	1	10	12	1	23	6	247
1:15PM	17	80	0	97	2	91	18	0	109	5	9	12	0	21	9	227
1:30PM	15	85	0	100	1	85	17	0	102	5	9	22	0	31	5	233
1:45PM	8	89	0	97	5	88	15	0	103	8	16	9	0	25	8	225
Total	45	376	0	421	15	344	67	0	411	19	44	55	1	100	28	932
% Approach	10.7%	89.3%	0%	-	-	83.7%	16.3%	0%	-	-	44.0%	55.0%	1.0%	-	-	-
% Total	4.8%	40.3%	0%	45.2%	-	36.9%	7.2%	0%	44.1%	-	4.7%	5.9%	0.1%	10.7%	-	-
PHF	0.609	0.808	-	0.870	-	0.960	0.828	-	0.939	-	0.841	0.595	0.250	0.786	-	0.974
Lights	39	315	0	354	-	313	50	0	363	-	37	50	1	88	-	805
% Lights	86.7%	83.8%	0%	84.1%	-	91.0%	74.6%	0%	88.3%	-	84.1%	90.9%	100%	88.0%	-	86.4%
Articulated Trucks and Single-Unit Trucks	0	8	0	8	-	2	3	0	5	-	0	0	0	0	-	13
% Articulated Trucks and Single-Unit Trucks	0%	2.1%	0%	1.9%	-	0.6%	4.5%	0%	1.2%	-	0%	0%	0%	0%	-	1.4%
Buses	0	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%
Bicycles on Road	6	53	0	59	-	29	14	0	43	-	7	5	0	12	-	114
% Bicycles on Road	13.3%	14.1%	0%	14.0%	-	8.4%	20.9%	0%	10.5%	-	15.9%	9.1%	0%	12.0%	-	12.2%
Pedestrians	-	-	-	-	13	-	-	-	-	14	-	-	-	-	27	
% Pedestrians	-	-	-	-	86.7%	-	-	-	-	73.7%	-	-	-	-	96.4%	-
Bicycles on Crosswalk	-	-	-	-	2	-	-	-	-	5	-	-	-	-	1	
% Bicycles on Crosswalk	-	-	-	-	13.3%	-	-	-	-	26.3%	-	-	-	-	3.6%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Essex Avenue & Atlantic Avenue - TMC

Sat Jul 11, 2020
PM Peak (WKND) (Jul 11 2020 1PM - 2 PM)
All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians,
Bicycles on Road, Bicycles on Crosswalk)
All Movements
ID: 770723, Location: 39.329355, -74.496606

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Douglas Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles

on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick Engineers &

Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Douglass Avenue Northbound						Douglass Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-16 7:00AM	3	41	1	0	45	0	0	33	2	0	35	0	0	0	0	0	0	5	0	0	0	0	0	6	80
7:15AM	0	40	1	0	41	0	0	52	2	0	54	0	1	0	0	0	1	3	0	0	0	0	0	2	96
7:30AM	1	53	0	0	54	0	1	46	1	0	48	0	0	0	0	0	0	8	0	0	0	0	0	2	102
7:45AM	0	70	0	0	70	3	0	75	2	0	77	0	0	0	4	0	4	4	0	0	1	0	1	1	152
Hourly Total	4	204	2	0	210	3	1	206	7	0	214	0	1	0	4	0	5	20	0	0	1	0	1	11	430
8:00AM	2	67	0	0	69	0	0	68	5	0	73	0	0	0	0	0	0	10	0	0	0	0	0	8	142
8:15AM	2	67	2	0	71	0	1	100	4	0	105	2	0	0	1	0	1	5	0	0	0	0	0	5	177
8:30AM	2	81	1	0	84	1	1	84	8	1	94	6	1	0	1	0	2	8	0	0	0	0	0	8	180
8:45AM	2	84	1	0	87	0	0	104	9	0	113	2	0	0	0	0	0	7	0	0	0	0	0	2	200
Hourly Total	8	299	4	0	311	1	2	356	26	1	385	10	1	0	2	0	3	30	0	0	0	0	0	23	699
9:00AM	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	2
Hourly Total	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	2
4:00PM	13	107	0	0	120	3	0	95	9	0	104	10	0	2	0	0	2	5	3	0	0	0	3	8	229
4:15PM	6	98	2	0	106	0	3	91	8	0	102	6	2	1	3	0	6	2	0	0	0	0	0	7	214
4:30PM	8	113	1	0	122	2	0	118	9	0	127	7	0	0	2	0	2	7	0	0	0	0	0	6	251
4:45PM	5	110	0	0	115	4	1	111	4	0	116	3	0	0	0	0	0	4	0	0	0	0	0	2	231
Hourly Total	32	428	3	0	463	9	4	415	30	0	449	26	2	3	5	0	10	18	3	0	0	0	3	23	925
5:00PM	7	91	1	0	99	1	1	100	9	0	110	6	2	3	0	0	5	8	0	0	0	0	0	4	214
5:15PM	7	103	0	0	110	0	1	99	7	0	107	3	0	2	0	0	2	8	0	0	0	0	0	1	219
5:30PM	5	101	0	0	106	0	0	97	5	0	102	6	0	1	0	0	1	10	0	0	0	0	0	2	209
5:45PM	6	131	0	0	137	0	0	120	15	0	135	1	1	0	0	0	1	1	0	0	0	0	0	9	273
Hourly Total	25	426	1	0	452	1	2	416	36	0	454	16	3	6	0	0	9	27	0	0	0	0	0	16	915
6:00PM	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020-07-18 11:00AM	8	121	3	0	132	6	0	134	11	0	145	7	0	0	1	0	1	16	0	1	1	0	2	14	280
11:15AM	9	139	3	0	151	4	0	140	13	1	154	9	1	1	1	0	3	14	0	2	0	0	2	12	310
11:30AM	9	120	3	0	132	15	1	144	11	0	156	10	0	2	0	0	2	18	0	9	3	0	12	6	302
11:45AM	8	108	2	0	118	15	0	122	11	0	133	19	0	0	1	0	1	15	0	9	0	0	9	20	261
Hourly Total	34	488	11	0	533	40	1	540	46	1	588	45	1	3	3	0	7	63	0	21	4	0	25	52	1153
12:00PM	7	116	1	3	127	14	0	137	13	0	150	24	0	2	0	0	2	7	0	4	0	0	4	9	283
12:15PM	11	142	3	0	156	12	3	132	12	0	147	20	0	1	0	0	1	8	0	4	2	0	6	5	310
12:30PM	8	108	0	0	116	16	0	129	6	0	135	27	0	1	0	0	1	18	0	2	0	0	2	6	254
12:45PM	7	125	2	0	134	9	0	117	5	1	123	14	0	0	1	0	1	16	0	4	0	0	4	2	262
Hourly Total	33	491	6	3	533	51	3	515	36	1	555	85	0	4	1	0	5	49	0	14	2	0	16	22	1109
1:00PM	7	116	2	1	126	4	0	131	5	0	136	8	0	0	0	0	0	13	0	1	0	0	1	3	263
1:15PM	6	102	2	1	111	19	0	88	8	0	96	12	0	0	1	0	1	17	0	1	2	0	3	4	211
1:30PM	13	105	2	0	120	23	3	104	16	0	123	13	1	1	2	0	4	8	0	0	0	0	0	7	247
1:45PM	8	103	0	1	112	9	0	100	13	0	113	16	1	1	1	0	3	9	0	0	0	0	0	10	228
Hourly Total	34	426	6	3	469	55	3	423	42	0	468	49	2	2	4	0	8	47	0	2	2	0	4	24	949
2:00PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	170	2765	33	6	2974	160	16	2874	223	3	3116	231	10	18	19	0	47	255	3	37	9	0	49	171	6186
% Approach	5.7%	93.0%	1.1%	0.2%	-	-	0.5%	92.2%	7.2%	0.1%	-	-	21.3%	38.3%	40.4%	0%	-	-	6.1%	75.5%	18.4%	0%	-	-	-
% Total	2.7%	44.7%	0.5%	0.1%	48.1%	-	0.3%	46.5%	3.6%	0%	50.4%	-	0.2%	0.3%	0.3%	0%	0.8%	-	0%	0.6%	0.1%	0%	0.8%	-	-
Lights	146	2266	21	5	2438	-	10	2333	196	3	2542	-	9	10	15	0	34	-	0	1	2	0	3	-	5017
% Lights	85.9%	82.0%	63.6%	83.3%	82.0%	-	62.5%	81.2%	87.9%	100%	81.6%	-	90.0%	55.6%	78.9%	0%	72.3%	-	0%	2.7%	22.2%	0%	6.1%	-	81.1%
Articulated Trucks and Single-Unit Trucks	9	55	0	0	64	-	2	33	3	0	38	-	0	0	1	0	1	-	0	0	0	0	0	-	103
% Articulated Trucks and Single-Unit Trucks	5.3%	2.0%	0%	0%	2.2%	-	12.5%	1.1%	1.3%	0%	1.2%	-	0%	0%	5.3%	0%	2.1%	-	0%	0%	0%	0%	0%	-	1.7%
Buses	0	2	0	0	2	-	2	4	0	0	6	-	0	0	0	0	0	-	0	0	0	0	0	-	8
% Buses	0%	0.1%	0%	0%	0.1%	-	12.5%	0.1%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.1%
Bicycles on Road	15	442	12	1	470	-	2	504	24	0	530	-	1	8	3	0	12	-	3	36	7	0	46	-	1058
% Bicycles on Road	8.8%	16.0%	36.4%	16.7%	15.8%	-	12.5%	17.5%	10.8%	0%	17.0%	-	10.0%	44.4%	15.8%	0%	25.5%	-	100%	97.3%	77.8%	0%	93.9%	-	17.1%
Pedestrians	-	-	-	-	-	154	-	-	-	-	-	203	-	-	-	-	-	239	-	-	-	-	-	149	
% Pedestrians	-	-	-	-	-	96.3%	-	-	-	-	-	87.9%	-	-	-	-	-	93.7%	-	-	-	-	-	87.1%	-
Bicycles on Crosswalk	-	-	-	-	-	6	-	-	-	-	-	28	-	-	-	-	-	16	-	-	-	-	-	22	
% Bicycles on Crosswalk	-	-	-	-	-	3.8%	-	-	-	-	-	12.1%	-	-	-	-	-	6.3%	-	-	-	-	-	12.9%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Douglas Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Douglass Avenue

Total: 460

In: 49 Out: 411

973

109

62

53

74

223

2874

In: 3116

Total: 5906

Out: 2790

[E] Atlantic Avenue

[W] Atlantic Avenue

Total: 5873

Out: 2899

In: 2974

6

2765

33

107

157

123

10 18 19

132

Out: 86 In: 47

Total: 133

[S] Douglass
Avenue

Douglas Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

AM Peak (Jul 16 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick Engineers

& Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Douglass Avenue Northbound						Douglass Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-16 8:00AM	2	67	0	0	69	0	0	68	5	0	73	0	0	0	0	0	0	10	0	0	0	0	0	8	142
8:15AM	2	67	2	0	71	0	1	100	4	0	105	2	0	0	1	0	1	5	0	0	0	0	0	5	177
8:30AM	2	81	1	0	84	1	1	84	8	1	94	6	1	0	1	0	2	8	0	0	0	0	0	8	180
8:45AM	2	84	1	0	87	0	0	104	9	0	113	2	0	0	0	0	0	7	0	0	0	0	0	2	200
Total	8	299	4	0	311	1	2	356	26	1	385	10	1	0	2	0	3	30	0	0	0	0	0	23	699
% Approach	2.6%	96.1%	1.3%	0%	-	-	0.5%	92.5%	6.8%	0.3%	-	-	33.3%	0%	66.7%	0%	-	-	0%	0%	0%	0%	-	-	-
% Total	1.1%	42.8%	0.6%	0%	44.5%	-	0.3%	50.9%	3.7%	0.1%	55.1%	-	0.1%	0%	0.3%	0%	0.4%	-	0%	0%	0%	0%	0%	-	-
PHF	1.000	0.854	0.500	-	0.853	-	0.250	0.845	0.714	0.250	0.841	-	0.250	-	0.500	-	0.375	-	-	-	-	-	-	-	0.851
Lights	6	228	2	0	236	-	1	275	18	1	295	-	1	0	2	0	3	-	0	0	0	0	0	-	534
% Lights	75.0%	76.3%	50.0%	0%	75.9%	-	50.0%	77.2%	69.2%	100%	76.6%	-	100%	0%	100%	0%	100%	-	0%	0%	0%	0%	-	-	76.4%
Articulated Trucks and Single-Unit Trucks	2	11	0	0	13	-	0	9	2	0	11	-	0	0	0	0	0	-	0	0	0	0	0	-	24
% Articulated Trucks and Single-Unit Trucks	25.0%	3.7%	0%	0%	4.2%	-	0%	2.5%	7.7%	0%	2.9%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	-	-	3.4%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	-	-	0%
Bicycles on Road	0	60	2	0	62	-	1	72	6	0	79	-	0	0	0	0	0	-	0	0	0	0	0	-	141
% Bicycles on Road	0%	20.1%	50.0%	0%	19.9%	-	50.0%	20.2%	23.1%	0%	20.5%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	-	-	20.2%
Pedestrians	-	-	-	-	-	1	-	-	-	-	-	9	-	-	-	-	-	30	-	-	-	-	-	21	-
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	90.0%	-	-	-	-	-	100%	-	-	-	-	-	91.3%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	2	-
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	10.0%	-	-	-	-	-	0%	-	-	-	-	-	8.7%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Douglas Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

AM Peak (Jul 16 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick

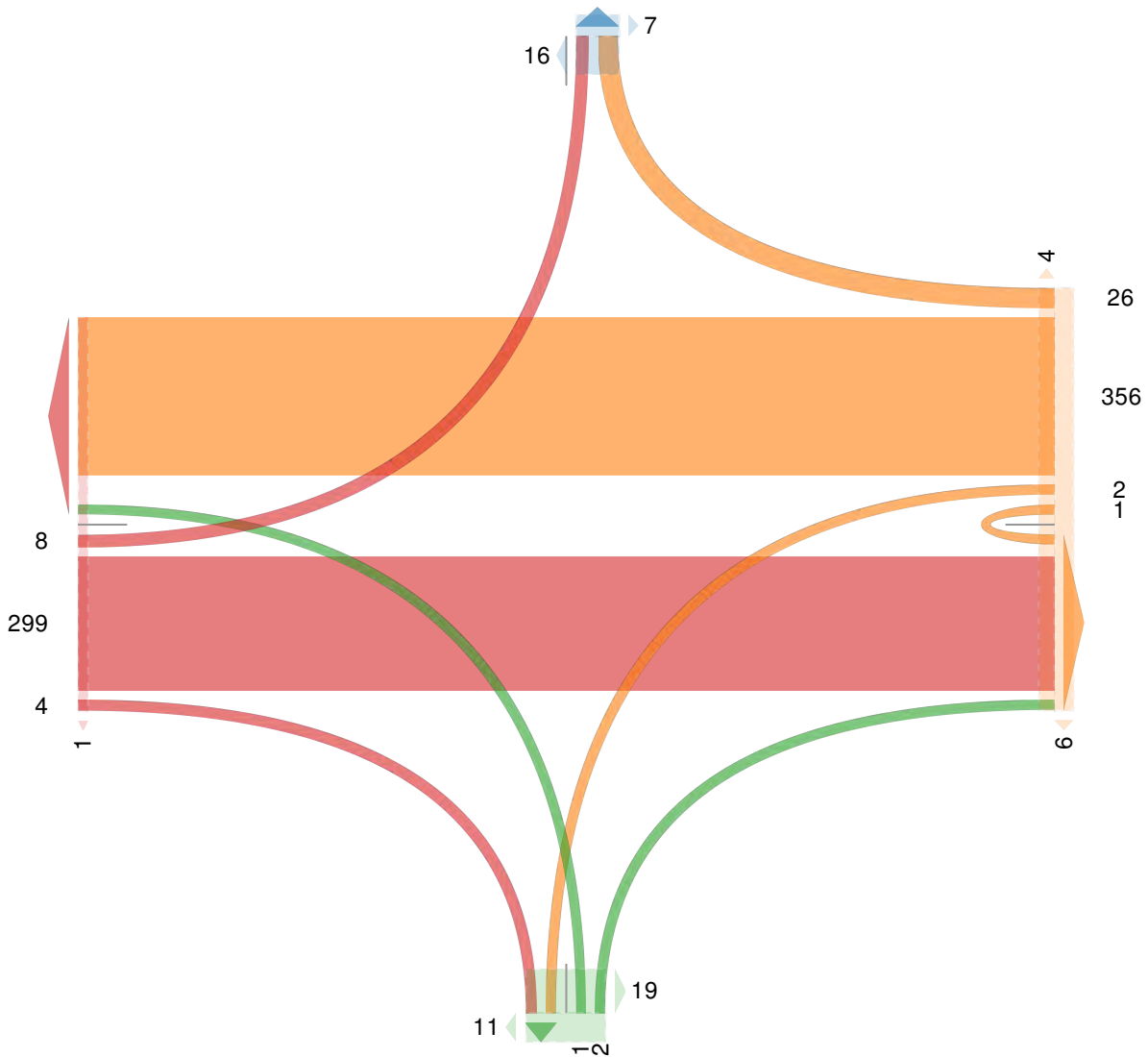
Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Douglass
Avenue

In: 9 Total: 34 Out: 34

[W] Atlantic Avenue
Total: 668
In: 311 Out: 357



Out: 6 In: 3
Total: 9

[S] Douglass
Avenue

Douglas Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

PM Peak (Jul 16 2020 4PM - 5 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick Engineers
& Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Douglass Avenue Northbound						Douglass Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-16 4:00PM	13	107	0	0	120	3	0	95	9	0	104	10	0	2	0	0	2	5	3	0	0	0	3	8	229
4:15PM	6	98	2	0	106	0	3	91	8	0	102	6	2	1	3	0	6	2	0	0	0	0	0	7	214
4:30PM	8	113	1	0	122	2	0	118	9	0	127	7	0	0	2	0	2	7	0	0	0	0	0	6	251
4:45PM	5	110	0	0	115	4	1	111	4	0	116	3	0	0	0	0	0	4	0	0	0	0	0	2	231
Total	32	428	3	0	463	9	4	415	30	0	449	26	2	3	5	0	10	18	3	0	0	0	3	23	925
% Approach	6.9%	92.4%	0.6%	0%	-	-	0.9%	92.4%	6.7%	0%	-	-	20.0%	30.0%	50.0%	0%	-	-	100%	0%	0%	0%	-	-	-
% Total	3.5%	46.3%	0.3%	0%	50.1%	-	0.4%	44.9%	3.2%	0%	48.5%	-	0.2%	0.3%	0.5%	0%	1.1%	-	0.3%	0%	0%	0%	0.3%	-	-
PHF	0.813	0.955	0.250	-	0.964	-	0.333	0.889	0.750	-	0.887	-	0.250	0.375	0.500	-	0.450	-	-	-	-	-	-	-	0.927
Lights	25	395	1	0	421	-	2	369	27	0	398	-	2	3	3	0	8	-	0	0	0	0	0	-	827
% Lights	78.1%	92.3%	33.3%	0%	90.9%	-	50.0%	88.9%	90.0%	0%	88.6%	-	100%	100%	60.0%	0%	80.0%	-	0%	0%	0%	0%	0%	-	89.4%
Articulated Trucks and Single-Unit Trucks	1	10	0	0	11	-	2	8	0	0	10	-	0	0	1	0	1	-	0	0	0	0	0	-	22
% Articulated Trucks and Single-Unit Trucks	3.1%	2.3%	0%	0%	2.4%	-	50.0%	1.9%	0%	0%	2.2%	-	0%	0%	20.0%	0%	10.0%	-	0%	0%	0%	0%	0%	-	2.4%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	6	23	2	0	31	-	0	38	3	0	41	-	0	0	1	0	1	-	3	0	0	0	3	-	76
% Bicycles on Road	18.8%	5.4%	66.7%	0%	6.7%	-	0%	9.2%	10.0%	0%	9.1%	-	0%	0%	20.0%	0%	10.0%	-	100%	0%	0%	0%	100%	-	8.2%
Pedestrians	-	-	-	-	-	8	-	-	-	-	-	17	-	-	-	-	-	17	-	-	-	-	-	21	
% Pedestrians	-	-	-	-	-	88.9%	-	-	-	-	-	65.4%	-	-	-	-	-	94.4%	-	-	-	-	-	91.3%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	9	-	-	-	-	-	1	-	-	-	-	-	2	
% Bicycles on Crosswalk	-	-	-	-	-	11.1%	-	-	-	-	-	34.6%	-	-	-	-	-	5.6%	-	-	-	-	-	8.7%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Douglas Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

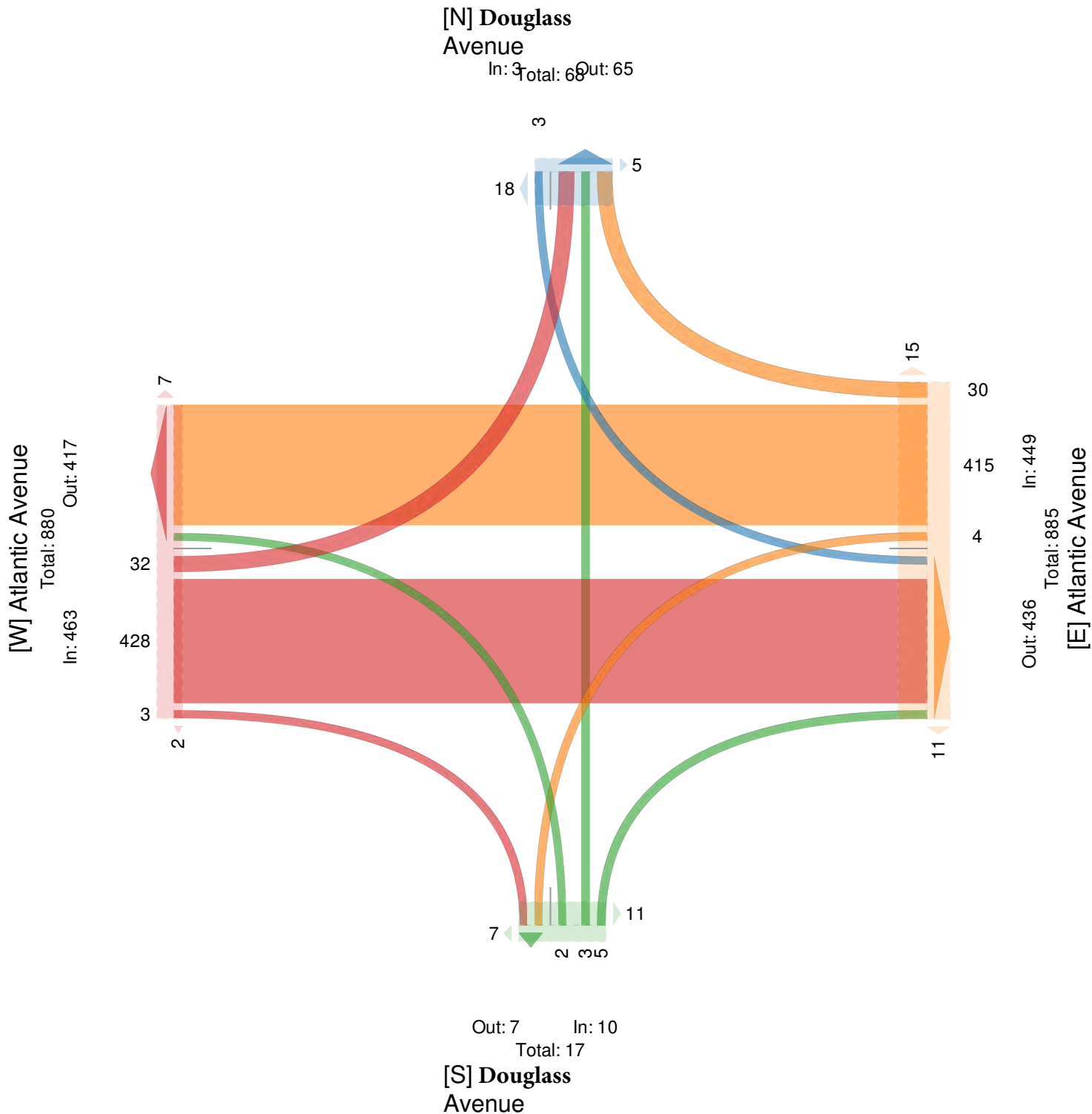
PM Peak (Jul 16 2020 4PM - 5 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Douglas Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

Midday Peak (WKND) (Jul 18 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road,

Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Douglass Avenue Northbound						Douglass Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-18 12:00PM	7	116	1	3	127	14	0	137	13	0	150	24	0	2	0	0	2	7	0	4	0	0	4	9	283
12:15PM	11	142	3	0	156	12	3	132	12	0	147	20	0	1	0	0	1	8	0	4	2	0	6	5	310
12:30PM	8	108	0	0	116	16	0	129	6	0	135	27	0	1	0	0	1	18	0	2	0	0	2	6	254
12:45PM	7	125	2	0	134	9	0	117	5	1	123	14	0	0	1	0	1	16	0	4	0	0	4	2	262
Total	33	491	6	3	533	51	3	515	36	1	555	85	0	4	1	0	5	49	0	14	2	0	16	22	1109
% Approach	6.2%	92.1%	1.1%	0.6%	-	-	0.5%	92.8%	6.5%	0.2%	-	-	0%	80.0%	20.0%	0%	-	-	0%	87.5%	12.5%	0%	-	-	-
% Total	3.0%	44.3%	0.5%	0.3%	48.1%	-	0.3%	46.4%	3.2%	0.1%	50.0%	-	0%	0.4%	0.1%	0%	0.5%	-	0%	1.3%	0.2%	0%	1.4%	-	-
PHF	0.705	0.903	0.500	0.250	0.882	-	0.250	0.967	0.708	0.250	0.974	-	-	0.500	0.250	-	0.625	-	-	-	0.250	-	0.250	-	0.921
Lights	30	394	6	3	433	-	1	404	34	1	440	-	0	4	1	0	5	-	0	0	2	0	2	-	880
% Lights	90.9%	80.2%	100%	100%	81.2%	-	33.3%	78.4%	94.4%	100%	79.3%	-	0%	100%	100%	0%	100%	-	0%	0%	100%	0%	12.5%	-	79.4%
Articulated Trucks and Single-Unit Trucks	1	14	0	0	15	-	0	6	0	0	6	-	0	0	0	0	0	-	0	0	0	0	0	-	21
% Articulated Trucks and Single-Unit Trucks	3.0%	2.9%	0%	0%	2.8%	-	0%	1.2%	0%	0%	1.1%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.9%
Buses	0	0	0	0	0	-	2	0	0	0	2	-	0	0	0	0	0	-	0	0	0	0	0	-	2
% Buses	0%	0%	0%	0%	0%	-	66.7%	0%	0%	0%	0.4%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.2%
Bicycles on Road	2	83	0	0	85	-	0	105	2	0	107	-	0	0	0	0	0	-	0	14	0	0	14	-	206
% Bicycles on Road	6.1%	16.9%	0%	0%	15.9%	-	0%	20.4%	5.6%	0%	19.3%	-	0%	0%	0%	0%	0%	-	0%	100%	0%	0%	87.5%	-	18.6%
Pedestrians	-	-	-	-	-	50	-	-	-	-	-	81	-	-	-	-	-	46	-	-	-	-	-	18	
% Pedestrians	-	-	-	-	-	98.0%	-	-	-	-	-	95.3%	-	-	-	-	-	93.9%	-	-	-	-	-	81.8%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	3	-	-	-	-	-	4	
% Bicycles on Crosswalk	-	-	-	-	-	2.0%	-	-	-	-	-	4.7%	-	-	-	-	-	6.1%	-	-	-	-	-	18.2%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Douglas Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

Midday Peak (WKND) (Jul 18 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

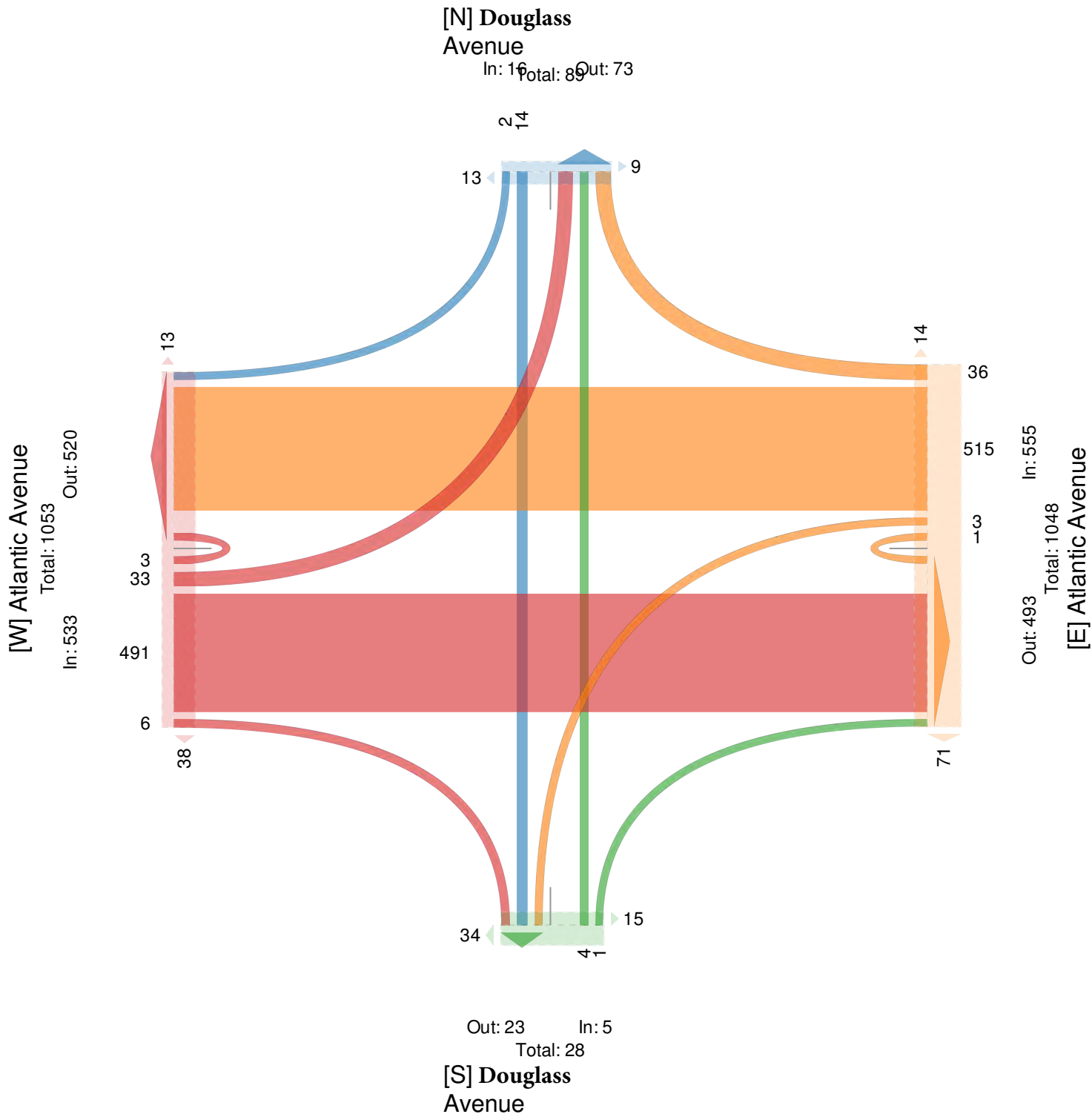
All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US



Douglas Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

PM Peak (WKND) (Jul 18 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick Engineers & Associates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Douglass Avenue Northbound						Douglass Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-18 1:00PM	7	116	2	1	126	4	0	131	5	0	136	8	0	0	0	0	0	13	0	1	0	0	1	3	263
1:15PM	6	102	2	1	111	19	0	88	8	0	96	12	0	0	1	0	1	17	0	1	2	0	3	4	211
1:30PM	13	105	2	0	120	23	3	104	16	0	123	13	1	1	2	0	4	8	0	0	0	0	0	7	247
1:45PM	8	103	0	1	112	9	0	100	13	0	113	16	1	1	1	0	3	9	0	0	0	0	0	10	228
Total	34	426	6	3	469	55	3	423	42	0	468	49	2	2	4	0	8	47	0	2	2	0	4	24	949
% Approach	7.2%	90.8%	1.3%	0.6%	-	-	0.6%	90.4%	9.0%	0%	-	-	25.0%	25.0%	50.0%	0%	-	-	0%	50.0%	50.0%	0%	-	-	-
% Total	3.6%	44.9%	0.6%	0.3%	49.4%	-	0.3%	44.6%	4.4%	0%	49.3%	-	0.2%	0.2%	0.4%	0%	0.8%	-	0%	0.2%	0.2%	0%	0.4%	-	-
PHF	0.688	0.931	0.250	0.500	0.945	-	0.250	0.834	0.656	-	0.897	-	0.500	0.250	0.500	-	0.417	-	-	0.250	-	-	0.250	-	0.928
Lights	32	370	1	2	405	-	3	355	42	0	400	-	2	1	2	0	5	-	0	1	0	0	1	-	811
% Lights	94.1%	86.9%	16.7%	66.7%	86.4%	-	100%	83.9%	100%	0%	85.5%	-	100%	50.0%	50.0%	0%	62.5%	-	0%	50.0%	0%	0%	25.0%	-	85.5%
Articulated Trucks and Single-Unit Trucks	1	5	0	0	6	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	6
% Articulated Trucks and Single-Unit Trucks	2.9%	1.2%	0%	0%	1.3%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.6%
Buses	0	1	0	0	1	-	0	2	0	0	2	-	0	0	0	0	0	-	0	0	0	0	0	-	3
% Buses	0%	0.2%	0%	0%	0.2%	-	0%	0.5%	0%	0%	0.4%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.3%
Bicycles on Road	1	50	5	1	57	-	0	66	0	0	66	-	0	1	2	0	3	-	0	1	2	0	3	-	129
% Bicycles on Road	2.9%	11.7%	83.3%	33.3%	12.2%	-	0%	15.6%	0%	0%	14.1%	-	0%	50.0%	50.0%	0%	37.5%	-	0%	50.0%	100%	0%	75.0%	-	13.6%
Pedestrians	-	-	-	-	-	53	-	-	-	-	-	46	-	-	-	-	-	44	-	-	-	-	-	22	
% Pedestrians	-	-	-	-	-	96.4%	-	-	-	-	-	93.9%	-	-	-	-	-	93.6%	-	-	-	-	-	91.7%	-
Bicycles on Crosswalk	-	-	-	-	-	2	-	-	-	-	-	3	-	-	-	-	-	3	-	-	-	-	-	2	
% Bicycles on Crosswalk	-	-	-	-	-	3.6%	-	-	-	-	-	6.1%	-	-	-	-	-	6.4%	-	-	-	-	-	8.3%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Douglas Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

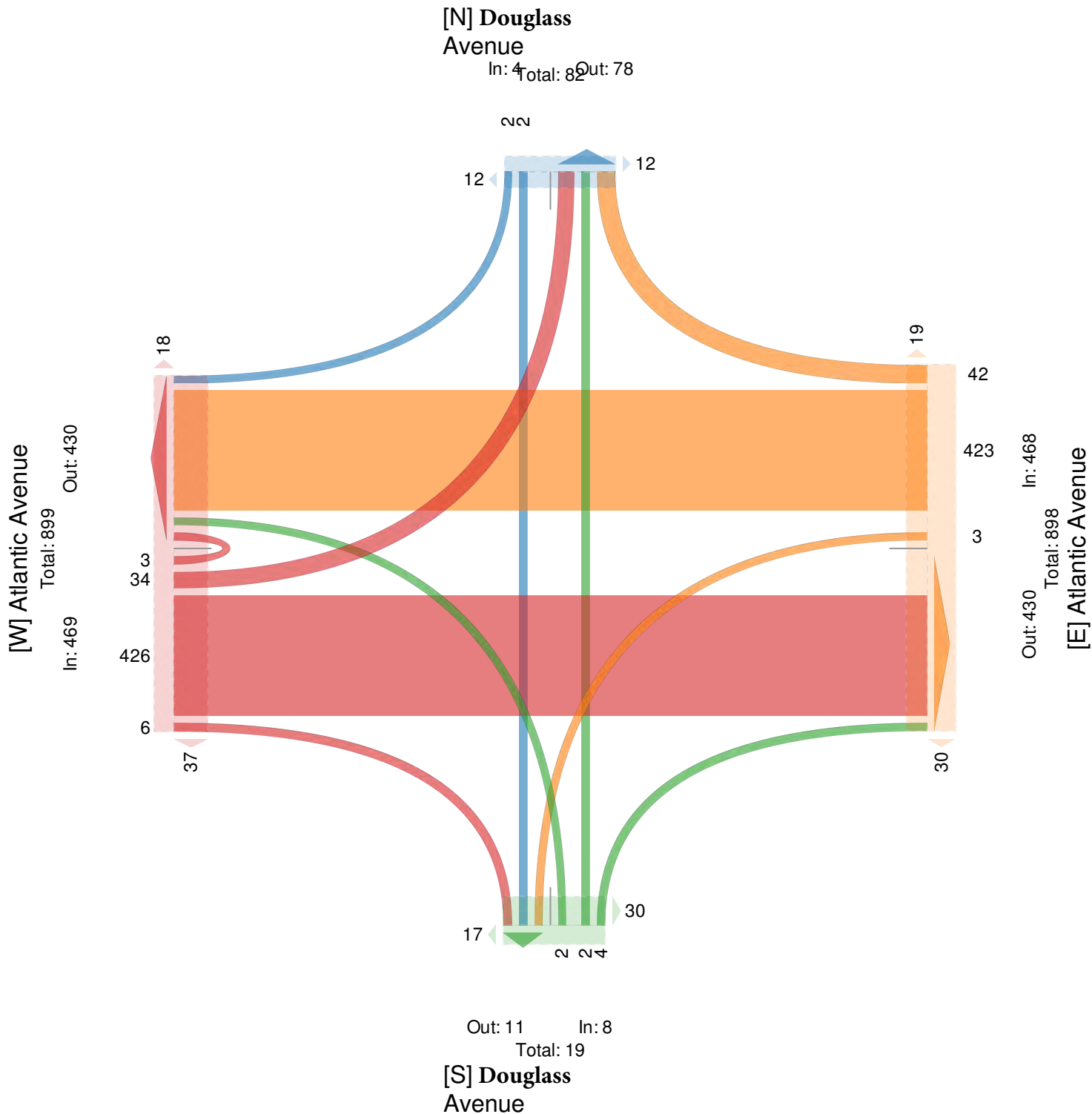
PM Peak (WKND) (Jul 18 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771323, Location: 39.329719, -74.495854

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US



Fredericksburg Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles

on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick Engineers &

Affiliates

227 Kings Highway East, Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Fredericksburg Avenue Northbound						Fredericksburg Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-16 7:00AM	0	39	0	0	39	2	0	28	1	0	29	0	0	0	0	0	0	5	0	0	0	0	0	2	68
7:15AM	1	48	0	0	49	3	0	58	3	1	62	2	0	0	0	0	0	8	2	0	3	0	5	2	116
7:30AM	2	57	0	0	59	0	0	55	0	0	55	1	0	0	0	0	0	6	5	2	1	0	8	4	122
7:45AM	0	69	2	0	71	2	0	84	1	0	85	1	1	1	0	0	2	7	0	0	0	0	0	2	158
Hourly Total	3	213	2	0	218	7	0	225	5	1	231	4	1	1	0	0	2	26	7	2	4	0	13	10	464
8:00AM	1	69	1	0	71	0	0	68	2	0	70	0	0	0	0	0	0	9	4	0	6	0	10	6	151
8:15AM	0	64	1	0	65	5	0	103	5	0	108	5	0	1	1	0	2	16	2	0	1	0	3	3	178
8:30AM	1	76	1	0	78	4	1	88	5	0	94	2	4	1	1	0	6	16	2	0	0	0	2	4	180
8:45AM	1	90	2	0	93	3	0	106	4	0	110	3	2	0	0	0	2	14	3	0	1	0	4	5	209
Hourly Total	3	299	5	0	307	12	1	365	16	0	382	10	6	2	2	0	10	55	11	0	8	0	19	18	718
9:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00PM	1	110	1	0	112	4	0	100	3	0	103	3	1	0	0	0	1	5	2	0	2	0	4	9	220
4:15PM	0	102	4	0	106	1	1	108	1	0	110	0	0	0	2	0	2	8	3	0	0	0	3	3	221
4:30PM	2	118	1	0	121	4	0	112	4	0	116	2	0	0	1	0	1	6	3	0	1	0	4	5	242
4:45PM	1	96	0	0	97	0	0	111	6	0	117	2	1	0	1	0	2	2	3	0	1	0	4	10	220
Hourly Total	4	426	6	0	436	9	1	431	14	0	446	7	2	0	4	0	6	21	11	0	4	0	15	27	903
5:00PM	0	91	0	0	91	2	0	113	3	0	116	5	0	0	2	0	2	7	2	1	8	0	11	3	220
5:15PM	1	100	0	0	101	1	0	99	3	0	102	3	1	0	0	0	1	7	4	1	3	0	8	2	212
5:30PM	1	107	1	0	109	0	2	109	4	1	116	5	0	0	0	0	0	5	4	0	0	0	4	3	229
5:45PM	3	121	1	0	125	2	0	114	3	0	117	9	2	0	0	0	2	6	4	0	4	0	8	6	252
Hourly Total	5	419	2	0	426	5	2	435	13	1	451	22	3	0	2	0	5	25	14	2	15	0	31	14	913
6:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020-07-18 11:00AM	3	106	0	1	110	7	0	142	6	0	148	17	3	0	2	0	5	29	7	0	3	0	10	17	273
11:15AM	1	139	3	0	143	9	0	135	1	0	136	12	0	0	1	0	1	20	3	0	5	0	8	11	288
11:30AM	3	122	2	0	127	5	0	144	12	2	158	17	1	0	0	0	1	18	4	1	7	0	12	11	298
11:45AM	3	95	1	0	99	4	0	111	9	0	120	10	2	0	2	0	4	18	1	3	6	0	10	4	233
Hourly Total	10	462	6	1	479	25	0	532	28	2	562	56	6	0	5	0	11	85	15	4	21	0	40	43	1092
12:00PM	1	105	1	0	107	1	1	134	6	0	141	10	1	1	0	0	2	15	5	3	3	0	11	6	261
12:15PM	1	134	2	0	137	4	1	141	9	0	151	17	0	0	0	0	0	13	3	0	3	0	6	7	294
12:30PM	1	100	0	0	101	6	0	115	5	0	120	2	4	0	1	0	5	14	4	0	1	0	5	3	231
12:45PM	4	105	2	0	111	0	1	116	9	0	126	2	1	1	2	0	4	15	3	0	5	0	8	4	249
Hourly Total	7	444	5	0	456	11	3	506	29	0	538	31	6	2	3	0	11	57	15	3	12	0	30	20	1035
1:00PM	1	107	2	0	110	0	0	126	6	0	132	10	1	0	0	0	1	8	3	2	4	0	9	19	252
1:15PM	2	89	2	0	93	11	0	91	4	0	95	20	0	1	1	0	2	8	6	1	10	0	17	4	207
1:30PM	0	89	4	0	93	6	1	100	8	0	109	12	0	0	4	0	4	12	2	1	3	0	6	13	212
1:45PM	1	82	0	0	83	6	1	99	4	0	104	19	1	0	1	0	2	4	4	0	1	0	5	1	194
Hourly Total	4	367	8	0	379	23	2	416	22	0	440	61	2	1	6	0	9	32	15	4	18	0	37	37	865
2:00PM	0	2	0	0	2	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Hourly Total	0	2	0	0	2	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	36	2632	34	1	2703	92	9	2912	128	4	3053	191	26	6	22	0	54	301	88	15	82	0	185	169	5995
% Approach	1.3%	97.4%	1.3%	0%	-	-	0.3%	95.4%	4.2%	0.1%	-	-	48.1%	11.1%	40.7%	0%	-	-	47.6%	8.1%	44.3%	0%	-	-	-
% Total	0.6%	43.9%	0.6%	0%	45.1%	-	0.2%	48.6%	2.1%	0.1%	50.9%	-	0.4%	0.1%	0.4%	0%	0.9%	-	1.5%	0.3%	1.4%	0%	3.1%	-	-
Lights	35	2129	21	1	2186	-	9	2399	103	4	2515	-	18	4	16	0	38	-	71	11	59	0	141	-	4880
% Lights	97.2%	80.9%	61.8%	100%	80.9%	-	100%	82.4%	80.5%	100%	82.4%	-	69.2%	66.7%	72.7%	0%	70.4%	-	80.7%	73.3%	72.0%	0%	76.2%	-	81.4%
Articulated Trucks and Single-Unit Trucks	1	57	0	0	58	-	0	46	0	0	46	-	0	0	0	0	0	-	2	0	3	0	5	-	109
% Articulated Trucks and Single-Unit Trucks	2.8%	2.2%	0%	0%	2.1%	-	0%	1.6%	0%	0%	1.5%	-	0%	0%	0%	0%	0%	-	2.3%	0%	3.7%	0%	2.7%	-	1.8%
Buses	0	2	0	0	2	-	0	2	0	0	2	-	0	0	0	0	0	-	0	1	0	0	1	-	5
% Buses	0%	0.1%	0%	0%	0.1%	-	0%	0.1%	0%	0%	0.1%	-	0%	0%	0%	0%	0%	-	0%	6.7%	0%	0%	0.5%	-	0.1%
Bicycles on Road	0	444	13	0	457	-	0	465	25	0	490	-	8	2	6	0	16	-	15	3	20	0	38	-	1001
% Bicycles on Road	0%	16.9%	38.2%	0%	16.9%	-	0%	16.0%	19.5%	0%	16.0%	-	30.8%	33.3%	27.3%	0%	29.6%	-	17.0%	20.0%	24.4%	0%	20.5%	-	16.7%
Pedestrians	-	-	-	-	-	80	-	-	-	-	-	162	-	-	-	-	-	269	-	-	-	-	-	151	-
% Pedestrians	-	-	-	-	-	87.0%	-	-	-	-	-	84.8%	-	-	-	-	-	89.4%	-	-	-	-	-	89.3%	-
Bicycles on Crosswalk	-	-	-	-	-	12	-	-	-	-	-	29	-	-	-	-	-	32	-	-	-	-	-	18	-
% Bicycles on Crosswalk	-	-	-	-	-	13.0%	-	-	-	-	-	15.2%	-	-	-	-	-	10.6%	-	-	-	-	-	10.7%	-

*Pedestrians and Bicycles on Crosswalk: L: Left, R: Right, T: Thru, U: U-Turn

Fredericksburg Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

Full Length (7 AM-9 AM, 4 PM-6 PM, 11 AM-2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Fredericksburg Avenue

Total: 355

In: 185 Out: 170

82 15 88

105

64

51

80

128

2912

In: 3053

Total: 5799

Out: 2746

[E] Atlantic Avenue

[W] Atlantic Avenue

Total: 5724

Out: 3021

In: 2703

36

2632

34

41

111

155

26 9 2

146

Out: 58

In: 54

Total: 112

[S] Fredericksburg Avenue

Fredericksburg Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

AM Peak (Jul 16 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road,

Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick Engineers &

Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Fredericksburg Avenue Northbound						Fredericksburg Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-16 8:00AM	1	69	1	0	71	0	0	68	2	0	70	0	0	0	0	0	0	9	4	0	6	0	10	6	151
8:15AM	0	64	1	0	65	5	0	103	5	0	108	5	0	1	1	0	2	16	2	0	1	0	3	3	178
8:30AM	1	76	1	0	78	4	1	88	5	0	94	2	4	1	1	0	6	16	2	0	0	0	2	4	180
8:45AM	1	90	2	0	93	3	0	106	4	0	110	3	2	0	0	0	2	14	3	0	1	0	4	5	209
Total	3	299	5	0	307	12	1	365	16	0	382	10	6	2	2	0	10	55	11	0	8	0	19	18	718
% Approach	1.0%	97.4%	1.6%	0%	-	-	0.3%	95.5%	4.2%	0%	-	-	60.0%	20.0%	20.0%	0%	-	-	57.9%	0%	42.1%	0%	-	-	-
% Total	0.4%	41.6%	0.7%	0%	42.8%	-	0.1%	50.8%	2.2%	0%	53.2%	-	0.8%	0.3%	0.3%	0%	1.4%	-	1.5%	0%	1.1%	0%	2.6%	-	-
PHF	0.750	0.807	0.500	-	0.799	-	0.250	0.822	0.500	-	0.823	-	0.375	0.250	0.500	-	0.750	-	0.750	-	0.375	-	0.500	-	0.815
Lights	3	225	4	0	232	-	1	289	6	0	296	-	3	1	2	0	6	-	6	0	6	0	12	-	546
% Lights	100%	75.3%	80.0%	0%	75.6%	-	100%	79.2%	37.5%	0%	77.5%	-	50.0%	50.0%	100%	0%	60.0%	-	54.5%	0%	75.0%	0%	63.2%	-	76.0%
Articulated Trucks and Single-Unit Trucks	0	14	0	0	14	-	0	7	0	0	7	-	0	0	0	0	0	-	0	0	0	0	0	-	21
% Articulated Trucks and Single-Unit Trucks	0%	4.7%	0%	0%	4.6%	-	0%	1.9%	0%	0%	1.8%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	2.9%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	60	1	0	61	-	0	69	10	0	79	-	3	1	0	0	4	-	5	0	2	0	7	-	151
% Bicycles on Road	0%	20.1%	20.0%	0%	19.9%	-	0%	18.9%	62.5%	0%	20.7%	-	50.0%	50.0%	0%	0%	40.0%	-	45.5%	0%	25.0%	0%	36.8%	-	21.0%
Pedestrians	-	-	-	-	-	11	-	-	-	-	-	10	-	-	-	-	-	53	-	-	-	-	-	16	
% Pedestrians	-	-	-	-	-	91.7%	-	-	-	-	-	100%	-	-	-	-	-	96.4%	-	-	-	-	-	88.9%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	2	
% Bicycles on Crosswalk	-	-	-	-	-	8.3%	-	-	-	-	-	0%	-	-	-	-	-	3.6%	-	-	-	-	-	11.1%	-

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Fredericksburg Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

AM Peak (Jul 16 2020 8AM - 9 AM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

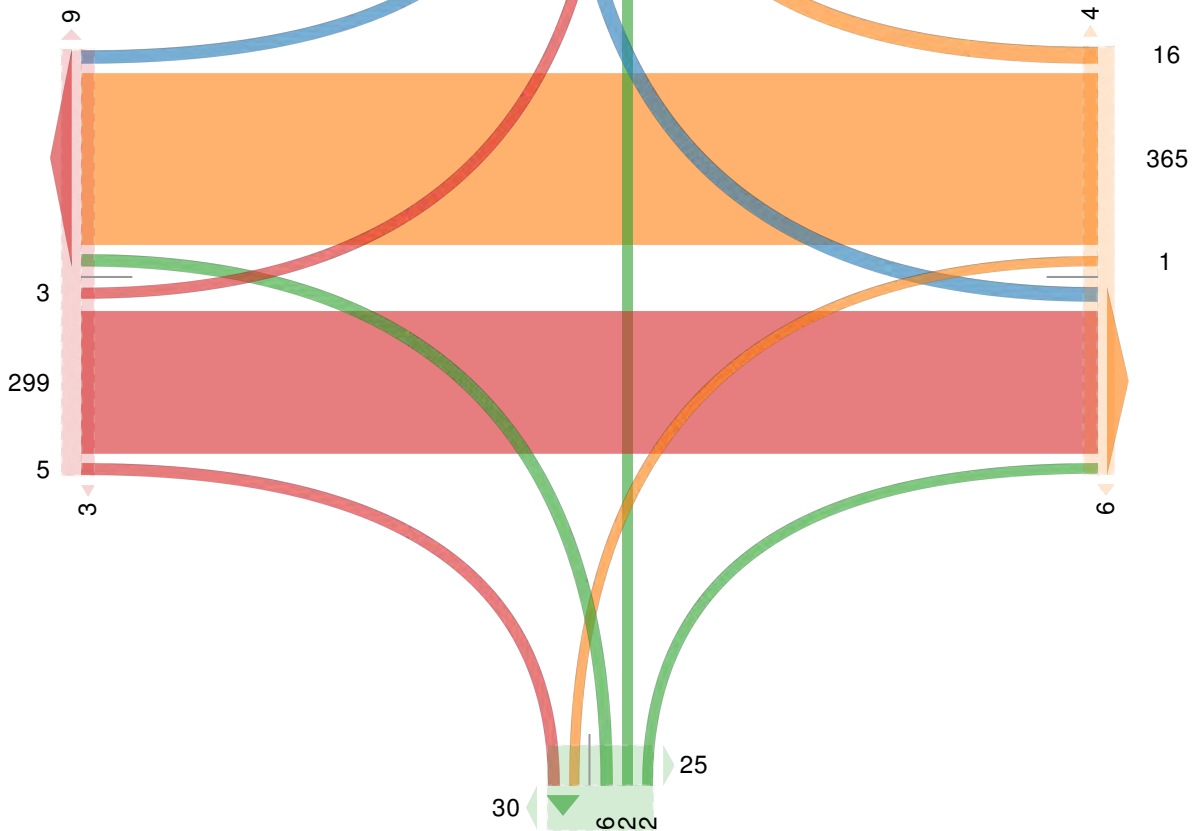
[N] Fredericksburg Avenue

Total: 40
In: 19 Out: 21

8 11
15 3

[W] Atlantic Avenue

Total: 686
In: 307 Out: 379



[S] Fredericksburg Avenue

Out: 6 In: 10
Total: 16

Fredericksburg Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

PM Peak (Jul 16 2020 4PM - 5 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick Engineers
& Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Fredericksburg Avenue Northbound						Fredericksburg Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-16 4:00PM	1	110	1	0	112	4	0	100	3	0	103	3	1	0	0	0	1	5	2	0	2	0	4	9	220
4:15PM	0	102	4	0	106	1	1	108	1	0	110	0	0	0	2	0	2	8	3	0	0	0	3	3	221
4:30PM	2	118	1	0	121	4	0	112	4	0	116	2	0	0	1	0	1	6	3	0	1	0	4	5	242
4:45PM	1	96	0	0	97	0	0	111	6	0	117	2	1	0	1	0	2	2	3	0	1	0	4	10	220
Total	4	426	6	0	436	9	1	431	14	0	446	7	2	0	4	0	6	21	11	0	4	0	15	27	903
% Approach	0.9%	97.7%	1.4%	0%	-	-	0.2%	96.6%	3.1%	0%	-	-	33.3%	0%	66.7%	0%	-	-	73.3%	0%	26.7%	0%	-	-	-
% Total	0.4%	47.2%	0.7%	0%	48.3%	-	0.1%	47.7%	1.6%	0%	49.4%	-	0.2%	0%	0.4%	0%	0.7%	-	1.2%	0%	0.4%	0%	1.7%	-	-
PHF	0.500	0.919	0.500	-	0.916	-	0.250	0.952	0.542	-	0.958	-	0.500	-	0.500	-	0.750	-	0.917	-	0.500	-	0.938	-	0.939
Lights	4	388	2	0	394	-	1	384	13	0	398	-	2	0	4	0	6	-	11	0	4	0	15	-	813
% Lights	100%	91.1%	33.3%	0%	90.4%	-	100%	89.1%	92.9%	0%	89.2%	-	100%	0%	100%	0%	100%	-	100%	0%	100%	0%	100%	-	90.0%
Articulated Trucks and Single-Unit Trucks	0	9	0	0	9	-	0	12	0	0	12	-	0	0	0	0	0	-	0	0	0	0	0	-	21
% Articulated Trucks and Single-Unit Trucks	0%	2.1%	0%	0%	2.1%	-	0%	2.8%	0%	0%	2.7%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	2.3%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	29	4	0	33	-	0	35	1	0	36	-	0	0	0	0	0	-	0	0	0	0	0	-	69
% Bicycles on Road	0%	6.8%	66.7%	0%	7.6%	-	0%	8.1%	7.1%	0%	8.1%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	7.6%
Pedestrians	-	-	-	-	-	8	-	-	-	-	-	6	-	-	-	-	-	14	-	-	-	-	-	23	
% Pedestrians	-	-	-	-	-	88.9%	-	-	-	-	-	85.7%	-	-	-	-	-	66.7%	-	-	-	-	-	85.2%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	7	-	-	-	-	-	4	
% Bicycles on Crosswalk	-	-	-	-	-	11.1%	-	-	-	-	-	14.3%	-	-	-	-	-	33.3%	-	-	-	-	-	14.8%	

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Fredericksburg Avenue & Atlantic Avenue - TMC

Thu Jul 16, 2020

PM Peak (Jul 16 2020 4PM - 5 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick
Engineers & Affiliates
227 Kings Highway East,
Haddonfield, NJ, 08033, US

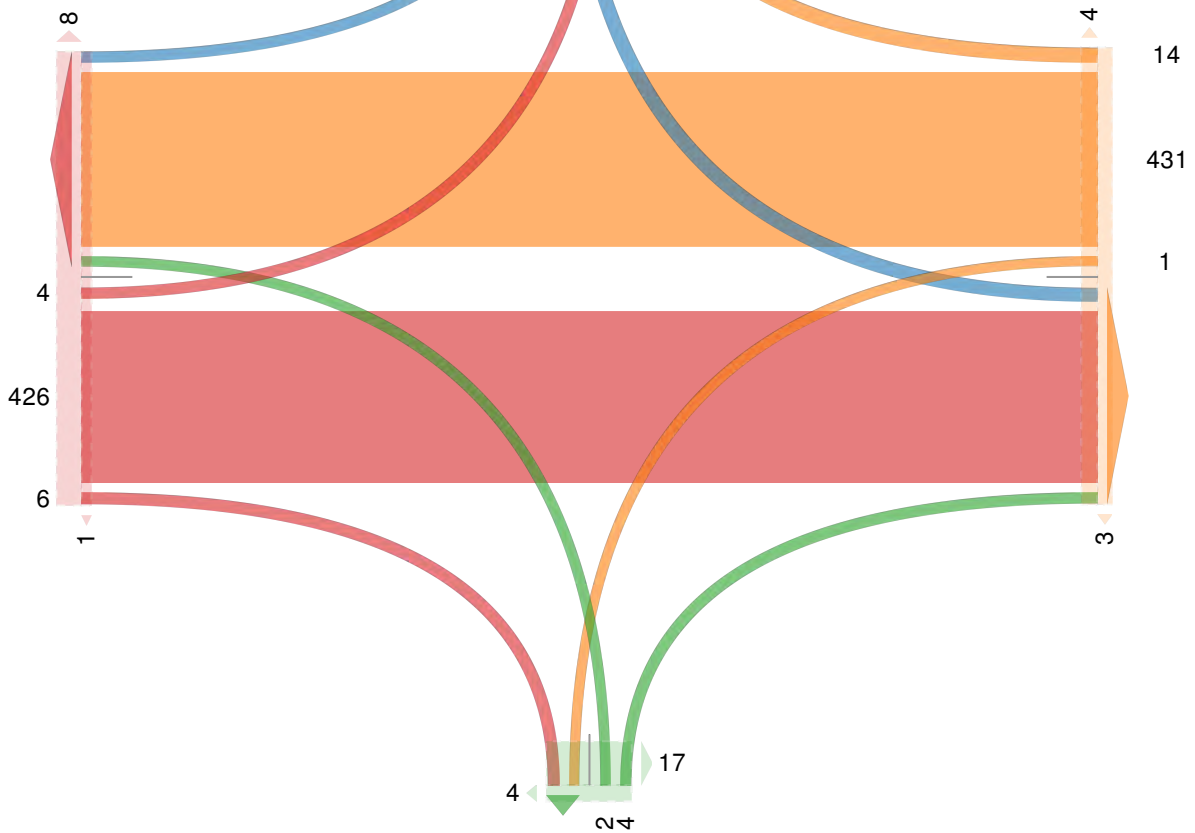
[N] Fredericksburg Avenue

Total: 33
In: 15 Out: 18

4 11
18 9

[W] Atlantic Avenue

Total: 873
In: 436 Out: 437



[S] Fredericksburg Avenue

Out: 7 In: 6
Total: 13

Fredericksburg Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

Midday Peak (WKND) (Jul 18 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick Engineers & Associates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Fredericksburg Avenue Northbound						Fredericksburg Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-18 12:00PM	1	105	1	0	107	1	1	134	6	0	141	10	1	1	0	0	2	15	5	3	3	0	11	6	261
12:15PM	1	134	2	0	137	4	1	141	9	0	151	17	0	0	0	0	0	13	3	0	3	0	6	7	294
12:30PM	1	100	0	0	101	6	0	115	5	0	120	2	4	0	1	0	5	14	4	0	1	0	5	3	231
12:45PM	4	105	2	0	111	0	1	116	9	0	126	2	1	1	2	0	4	15	3	0	5	0	8	4	249
Total	7	444	5	0	456	11	3	506	29	0	538	31	6	2	3	0	11	57	15	3	12	0	30	20	1035
% Approach	1.5%	97.4%	1.1%	0%	-	-	0.6%	94.1%	5.4%	0%	-	-	54.5%	18.2%	27.3%	0%	-	-	50.0%	10.0%	40.0%	0%	-	-	-
% Total	0.7%	42.9%	0.5%	0%	44.1%	-	0.3%	48.9%	2.8%	0%	52.0%	-	0.6%	0.2%	0.3%	0%	1.1%	-	1.4%	0.3%	1.2%	0%	2.9%	-	-
PHF	0.438	0.921	0.750	-	0.928	-	0.750	0.918	0.821	-	0.911	-	0.500	0.500	0.250	-	0.625	-	0.750	0.250	0.600	-	0.725	-	0.932
Lights	7	347	3	0	357	-	3	408	23	0	434	-	2	2	1	0	5	-	15	2	11	0	28	-	824
% Lights	100%	78.2%	60.0%	0%	78.3%	-	100%	80.6%	79.3%	0%	80.7%	-	33.3%	100%	33.3%	0%	45.5%	-	100%	66.7%	91.7%	0%	93.3%	-	79.6%
Articulated Trucks and Single-Unit Trucks	0	14	0	0	14	-	0	7	0	0	7	-	0	0	0	0	0	-	0	0	1	0	1	-	22
% Articulated Trucks and Single-Unit Trucks	0%	3.2%	0%	0%	3.1%	-	0%	1.4%	0%	0%	1.3%	-	0%	0%	0%	0%	0%	-	0%	0%	8.3%	0%	3.3%	-	2.1%
Buses	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Buses	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Bicycles on Road	0	83	2	0	85	-	0	91	6	0	97	-	4	0	2	0	6	-	0	1	0	0	1	-	189
% Bicycles on Road	0%	18.7%	40.0%	0%	18.6%	-	0%	18.0%	20.7%	0%	18.0%	-	66.7%	0%	66.7%	0%	54.5%	-	0%	33.3%	0%	0%	3.3%	-	18.3%
Pedestrians	-	-	-	-	-	8	-	-	-	-	-	29	-	-	-	-	-	51	-	-	-	-	-	20	
% Pedestrians	-	-	-	-	-	72.7%	-	-	-	-	-	93.5%	-	-	-	-	-	89.5%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	6	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	27.3%	-	-	-	-	-	6.5%	-	-	-	-	-	10.5%	-	-	-	-	-	0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Fredericksburg Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

Midday Peak (WKND) (Jul 18 2020 12PM - 1 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

[N] Fredericksburg Avenue

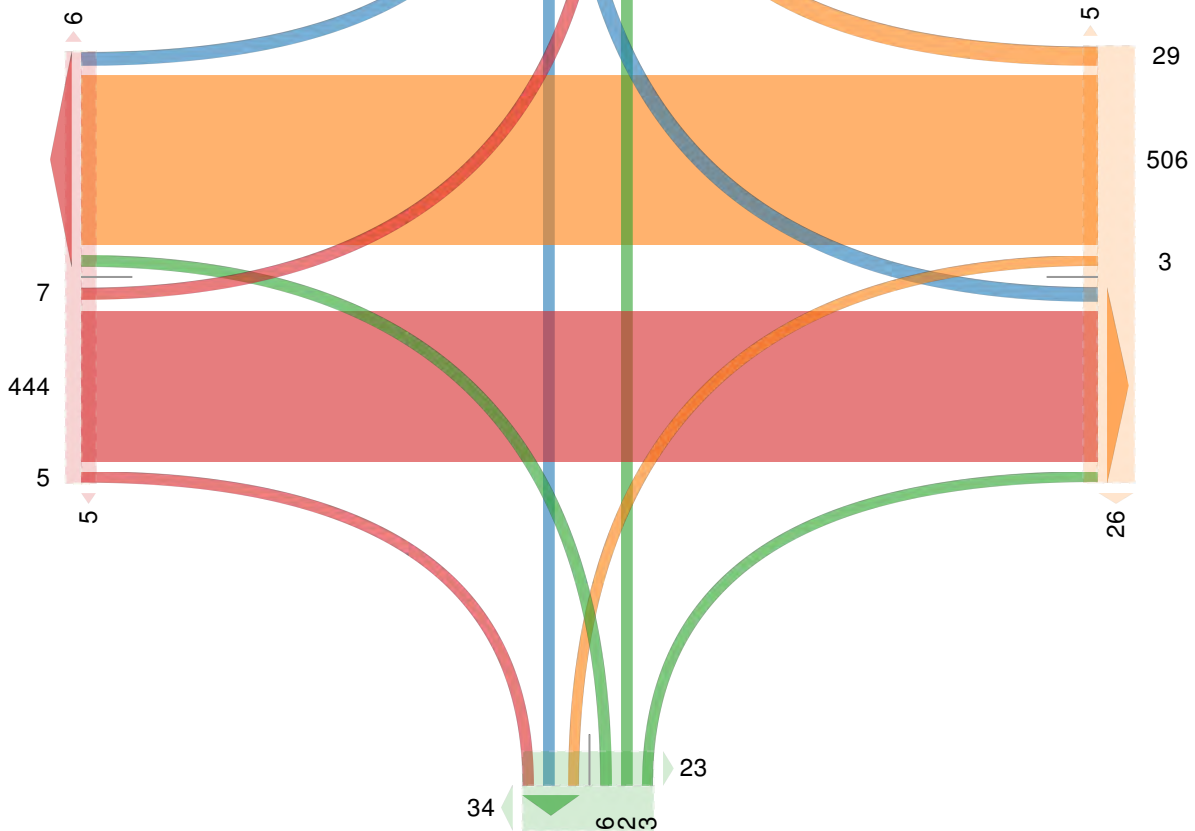
Total: 68
In: 30 Out: 38

12 3 15

13 7

[W] Atlantic Avenue

Total: 980
In: 456 Out: 524



[S] Fredericksburg Avenue

Out: 11 In: 11
Total: 22

Fredericksburg Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

PM Peak (WKND) (Jul 18 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick Engineers & Affiliates

227 Kings Highway East,
Haddonfield, NJ, 08033, US

Leg Direction	Atlantic Avenue Eastbound						Atlantic Avenue Westbound						Fredericksburg Avenue Northbound						Fredericksburg Avenue Southbound						
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2020-07-18 1:00PM	1	107	2	0	110	0	0	126	6	0	132	10	1	0	0	0	1	8	3	2	4	0	9	19	252
1:15PM	2	89	2	0	93	11	0	91	4	0	95	20	0	1	1	0	2	8	6	1	10	0	17	4	207
1:30PM	0	89	4	0	93	6	1	100	8	0	109	12	0	0	4	0	4	12	2	1	3	0	6	13	212
1:45PM	1	82	0	0	83	6	1	99	4	0	104	19	1	0	1	0	2	4	4	0	1	0	5	1	194
Total	4	367	8	0	379	23	2	416	22	0	440	61	2	1	6	0	9	32	15	4	18	0	37	37	865
% Approach	1.1%	96.8%	2.1%	0%	-	-	0.5%	94.5%	5.0%	0%	-	-	22.2%	11.1%	66.7%	0%	-	-	40.5%	10.8%	48.6%	0%	-	-	-
% Total	0.5%	42.4%	0.9%	0%	43.8%	-	0.2%	48.1%	2.5%	0%	50.9%	-	0.2%	0.1%	0.7%	0%	1.0%	-	1.7%	0.5%	2.1%	0%	4.3%	-	-
PHF	0.500	0.856	0.500	-	0.855	-	0.500	0.843	0.656	-	0.856	-	0.500	0.250	0.313	-	0.500	-	0.600	0.500	0.458	-	0.563	-	0.860
Lights	4	327	6	0	337	-	2	360	21	0	383	-	2	1	5	0	8	-	12	3	11	0	26	-	754
% Lights	100%	89.1%	75.0%	0%	88.9%	-	100%	86.5%	95.5%	0%	87.0%	-	100%	100%	83.3%	0%	88.9%	-	80.0%	75.0%	61.1%	0%	70.3%	-	87.2%
Articulated Trucks and Single-Unit Trucks	0	4	0	0	4	-	0	2	0	0	2	-	0	0	0	0	0	-	0	0	0	0	0	-	6
% Articulated Trucks and Single-Unit Trucks	0%	1.1%	0%	0%	1.1%	-	0%	0.5%	0%	0%	0.5%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.7%
Buses	0	1	0	0	1	-	0	2	0	0	2	-	0	0	0	0	0	-	0	1	0	0	1	-	4
% Buses	0%	0.3%	0%	0%	0.3%	-	0%	0.5%	0%	0%	0.5%	-	0%	0%	0%	0%	0%	-	0%	25.0%	0%	0%	2.7%	-	0.5%
Bicycles on Road	0	35	2	0	37	-	0	52	1	0	53	-	0	0	1	0	1	-	3	0	7	0	10	-	101
% Bicycles on Road	0%	9.5%	25.0%	0%	9.8%	-	0%	12.5%	4.5%	0%	12.0%	-	0%	0%	16.7%	0%	11.1%	-	20.0%	0%	38.9%	0%	27.0%	-	11.7%
Pedestrians	-	-	-	-	-	22	-	-	-	-	-	59	-	-	-	-	-	26	-	-	-	-	-	33	
% Pedestrians	-	-	-	-	-	95.7%	-	-	-	-	-	96.7%	-	-	-	-	-	81.3%	-	-	-	-	-	89.2%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	6	-	-	-	-	-	4	
% Bicycles on Crosswalk	-	-	-	-	-	4.3%	-	-	-	-	-	3.3%	-	-	-	-	-	18.8%	-	-	-	-	-	10.8%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Fredericksburg Avenue & Atlantic Avenue - TMC

Sat Jul 18, 2020

PM Peak (WKND) (Jul 18 2020 1PM - 2 PM)

All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 771324, Location: 39.331725, -74.491653

Provided by: Remington and Vernick

Engineers & Affiliates

227 Kings Highway East,

Haddonfield, NJ, 08033, US

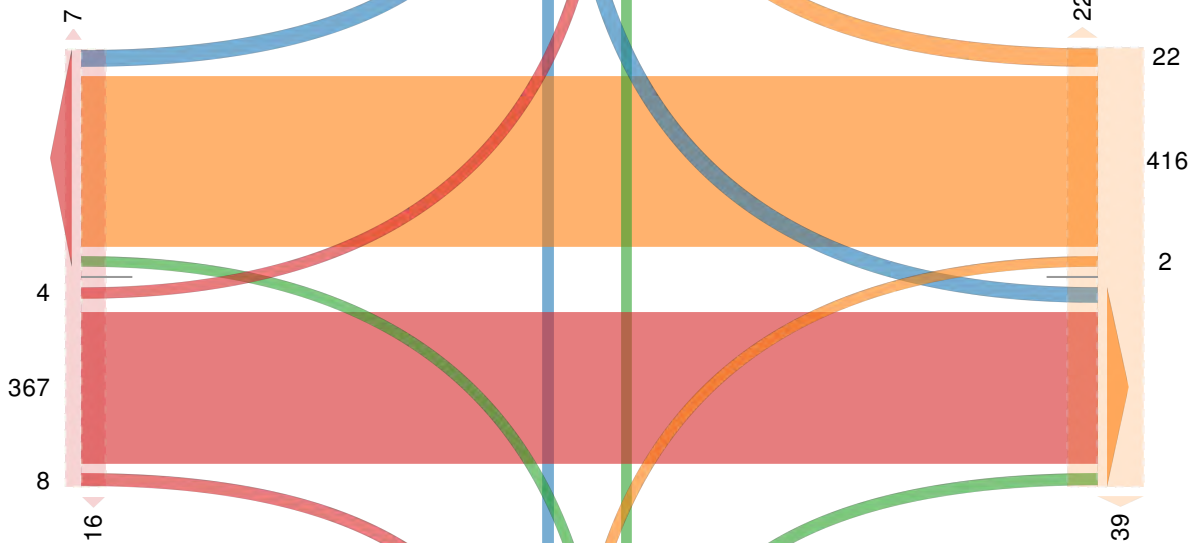
[N] Fredericksburg Avenue

Total: 64
In: 37 Out: 27

18 4 15
12 25

[W] Atlantic Avenue

Total: 815
In: 379 Out: 436



Total: 828
In: 440 Out: 388

[E] Atlantic Avenue

[S] Fredericksburg Avenue

Out: 14 In: 9
Total: 23