DAVENPORT

John Davenport Engineering Inc.
305 West Fourth Street
Suite 2A
Winston Salem, North Carolina, United States 27101
(336)744-1636 dcumbo@davenportworld.com

Count Name: 14-230 Midway Landing
Site Code: 14-230
Start Date: 09/11/2014
Page No: 1

Turning Movement Data

Start Time	Midway Road Southbound					NC 211 Westbound					Middleton Blvd Northbound					NC 211 Eastbound					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
4:00 PM	21	30	1	1	53	33	104	20	0	157	30	23	18	0	71	6	54	25	0	85	366
4:15 PM	23	28	1	0	52	24	93	19	0	136	29	19	12	0	60	4	66	33	0	103	351
4:30 PM	20	33	2	0	55	26	106	33	0	165	32	24	17	0	73	2	43	26	0	71	364
4:45 PM	17	29	3	0	49	28	131	27	0	186	20	23	17	0	60	1	41	31	0	73	368
Hourly Total	81	120	7	1	209	111	434	99	0	644	111	89	64	0	264	13	204	115	0	332	1449
5:00 PM	21	35	3	0	59	32	117	39	0	188	21	16	18	0	55	4	53	29	0	86	388
5:15 PM	27	27	2	1	57	37	103	48	0	188	23	17	6	0	46	6	55	36	0	97	388
5:30 PM	23	19	2	0	44	21	108	27	0	156	23	15	14	0	52	8	45	20	0	73	325
5:45 PM	15	24	3	0	42	23	83	21	0	127	18	15	12	0	45	7	44	24	0	75	289
Hourly Total	86	105	10	1	202	113	411	135	0	659	85	63	50	0	198	25	197	109	0	331	1390
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	11	16	3	0	30	17	46	8	0	71	27	20	23	0	70	1	44	15	0	60	231
11:15 AM	15	19	4	0	38	21	39	16	0	76	27	18	11	0	56	3	56	12	0	71	241
11:30 AM	13	17	2	0	32	18	47	13	0	78	30	14	17	0	61	2	56	25	0	83	254
11:45 AM	10	9	10	0	29	14	51	17	0	82	22	17	21	0	60	4	41	26	0	71	242
Hourly Total	49	61	19	0	129	70	183	54	0	307	106	69	72	0	247	10	197	78	0	285	968
12:00 PM	13	14	2	0	29	11	47	17	0	75	17	18	13	0	48	1	53	29	0	83	235
12:15 PM	17	14	1	0	32	20	59	11	0	90	26	14	14	0	54	6	47	23	0	76	252
12:30 PM	22	18	1	0	41	16	55	18	0	89	26	16	21	0	63	2	39	26	0	67	260
12:45 PM	15	13	4	0	32	21	47	8	0	76	18	15	14	0	47	2	63	30	0	95	250
Hourly Total	67	59	8	0	134	68	208	54	0	330	87	63	62	0	212	11	202	108	0	321	997
1:00 PM	14	22	1	0	37	25	48	15	0	88	18	17	14	0	49	3	46	22	0	71	245
1:15 PM	13	15	4	0	32	20	42	14	0	76	27	11	12	0	50	1	50	25	0	76	234
1:30 PM	17	24	3	0	44	10	34	20	0	64	17	10	17	0	44	1	49	35	0	85	237
1:45 PM	14	13	2	0	29	15	54	16	0	85	17	12	24	0	53	4	65	23	0	92	259
Hourly Total	58	74	10	0	142	70	178	65	0	313	79	50	67	0	196	9	210	105	0	324	975
Grand Total	341	419	54	2	816	432	1414	407	0	2253	468	334	315	0	1117	68	1010	515	0	1593	5779
Approach %	41.8	51.3	6.6	0.2	-	19.2	62.8	18.1	0.0	-	41.9	29.9	28.2	0.0	-	4.3	63.4	32.3	0.0	-	-
Total %	5.9	7.3	0.9	0.0	14.1	7.5	24.5	7.0	0.0	39.0	8.1	5.8	5.5	0.0	19.3	1.2	17.5	8.9	0.0	27.6	-
Lights	338	416	53	2	809	426	1381	400	0	2207	458	325	309	0	1092	67	977	510	0	1554	5662
% Lights	99.1	99.3	98.1	100.0	99.1	98.6	97.7	98.3	-	98.0	97.9	97.3	98.1	-	97.8	98.5	96.7	99.0	-	97.6	98.0
Buses	0	1	0	0	1	0	1	0	0	1	0	3	1	0	4	0	2	0	0	2	8
% Buses	0.0	0.2	0.0	0.0	0.1	0.0	0.1	0.0	-	0.0	0.0	0.9	0.3	-	0.4	0.0	0.2	0.0	-	0.1	0.1
Trucks	3	2	1	0	6	6	32	7	0	45	10	6	5	0	21	1	31	5	0	37	109
% Trucks	0.9	0.5	1.9	0.0	0.7	1.4	2.3	1.7	-	2.0	2.1	1.8	1.6	-	1.9	1.5	3.1	1.0	-	2.3	1.9

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Midway Road [N]		
Out	In	Total
794	809	1603
3	1	4
14	6	20
811	**816**	**1627**

53	416	338	2
0	1	0	0
1	2	3	0
54	**419**	**341**	**2**
R	T	L	U

NC 211 [W]		
Out	In	Total
1892	1554	3446
1	2	3
43	37	80
1936	**1593**	**3529**

510	977	67	0
0	2	0	0
5	31	1	0
515	**1010**	**68**	**0**
R	T	L	U

09/11/2014 4:00 PM
Ending At
09/13/2014 2:00 PM

Lights
Buses
Trucks

400	1381	426	0
0	1	0	0
7	32	6	0
407	**1414**	**432**	**0**
R	T	L	U

NC 211 [E]		
Out	In	Total
1624	2207	3831
3	1	4
39	45	84
1666	**2253**	**3919**

U	L	T	R
0	458	325	309
0	0	3	1
0	10	6	5
0	**468**	**334**	**315**

1352	1092	2444
1	4	5
13	21	34
1366	**1117**	**2483**
Out	In	Total
Middleton Blvd [S]		

Turning Movement Data Plot

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Start Date: 09/11/2014

Turning Movement Peak Hour Data (4:30 PM)

Start Time	Midway Road Southbound					NC 211 Westbound					Middleton Blvd Northbound					NC 211 Eastbound					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
4:30 PM	20	33	2	0	55	26	106	33	0	165	32	24	17	0	73	2	43	26	0	71	364
4:45 PM	17	29	3	0	49	28	131	27	0	186	20	23	17	0	60	1	41	31	0	73	368
5:00 PM	21	35	3	0	59	32	117	39	0	188	21	16	18	0	55	4	53	29	0	86	388
5:15 PM	27	27	2	1	57	37	103	48	0	188	23	17	6	0	46	6	55	36	0	97	388
Total	85	124	10	1	220	123	457	147	0	727	96	80	58	0	234	13	192	122	0	327	1508
Approach %	38.6	56.4	4.5	0.5	-	16.9	62.9	20.2	0.0	-	41.0	34.2	24.8	0.0	-	4.0	58.7	37.3	0.0	-	-
Total %	5.6	8.2	0.7	0.1	14.6	8.2	30.3	9.7	0.0	48.2	6.4	5.3	3.8	0.0	15.5	0.9	12.7	8.1	0.0	21.7	-
PHF	0.787	0.886	0.833	0.250	0.932	0.831	0.872	0.766	0.000	0.967	0.750	0.833	0.806	0.000	0.801	0.542	0.873	0.847	0.000	0.843	0.972
Lights	83	122	9	1	215	122	447	145	0	714	94	76	56	0	226	13	182	121	0	316	1471
% Lights	97.6	98.4	90.0	100.0	97.7	99.2	97.8	98.6	-	98.2	97.9	95.0	96.6	-	96.6	100.0	94.8	99.2	-	96.6	97.5
Buses	0	1	0	0	1	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	5
% Buses	0.0	0.8	0.0	0.0	0.5	0.0	0.0	0.0	-	0.0	0.0	3.8	1.7	-	1.7	0.0	0.0	0.0	-	0.0	0.3
Trucks	2	1	1	0	4	1	10	2	0	13	2	1	1	0	4	0	10	1	0	11	32
% Trucks	2.4	0.8	10.0	0.0	1.8	0.8	2.2	1.4	-	1.8	2.1	1.3	1.7	-	1.7	0.0	5.2	0.8	-	3.4	2.1

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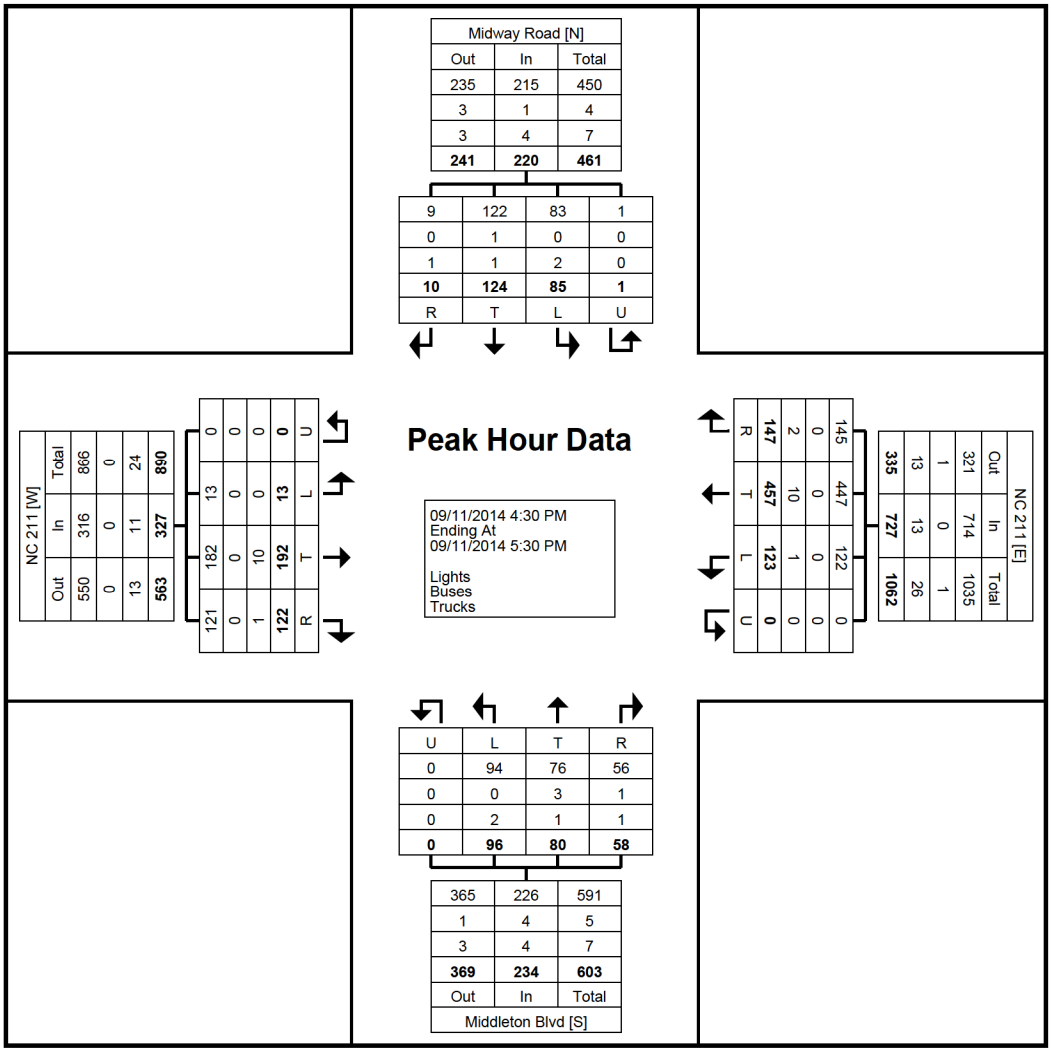

Turning Movement Peak Hour Data Plot (4:30 PM)

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Turning Movement Peak Hour Data (11:00 AM)

Start Time	Midway Road Southbound					NC 211 Westbound					Middleton Blvd Northbound					NC 211 Eastbound					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
11:00 AM	11	16	3	0	30	17	46	8	0	71	27	20	23	0	70	1	44	15	0	60	231
11:15 AM	15	19	4	0	38	21	39	16	0	76	27	18	11	0	56	3	56	12	0	71	241
11:30 AM	13	17	2	0	32	18	47	13	0	78	30	14	17	0	61	2	56	25	0	83	254
11:45 AM	10	9	10	0	29	14	51	17	0	82	22	17	21	0	60	4	41	26	0	71	242
Total	49	61	19	0	129	70	183	54	0	307	106	69	72	0	247	10	197	78	0	285	968
Approach %	38.0	47.3	14.7	0.0	-	22.8	59.6	17.6	0.0	-	42.9	27.9	29.1	0.0	-	3.5	69.1	27.4	0.0	-	-
Total %	5.1	6.3	2.0	0.0	13.3	7.2	18.9	5.6	0.0	31.7	11.0	7.1	7.4	0.0	25.5	1.0	20.4	8.1	0.0	29.4	-
PHF	0.817	0.803	0.475	0.000	0.849	0.833	0.897	0.794	0.000	0.936	0.883	0.863	0.783	0.000	0.882	0.625	0.879	0.750	0.000	0.858	0.953
Lights	49	61	19	0	129	70	177	54	0	301	104	69	71	0	244	10	193	78	0	281	955
% Lights	100.0	100.0	100.0	-	100.0	100.0	96.7	100.0	-	98.0	98.1	100.0	98.6	-	98.8	100.0	98.0	100.0	-	98.6	98.7
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	0.5	0.0	-	0.3	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0	0.1
Trucks	0	0	0	0	0	0	5	0	0	5	2	0	1	0	3	0	4	0	0	4	12
% Trucks	0.0	0.0	0.0	-	0.0	0.0	2.7	0.0	-	1.6	1.9	0.0	1.4	-	1.2	0.0	2.0	0.0	-	1.4	1.2

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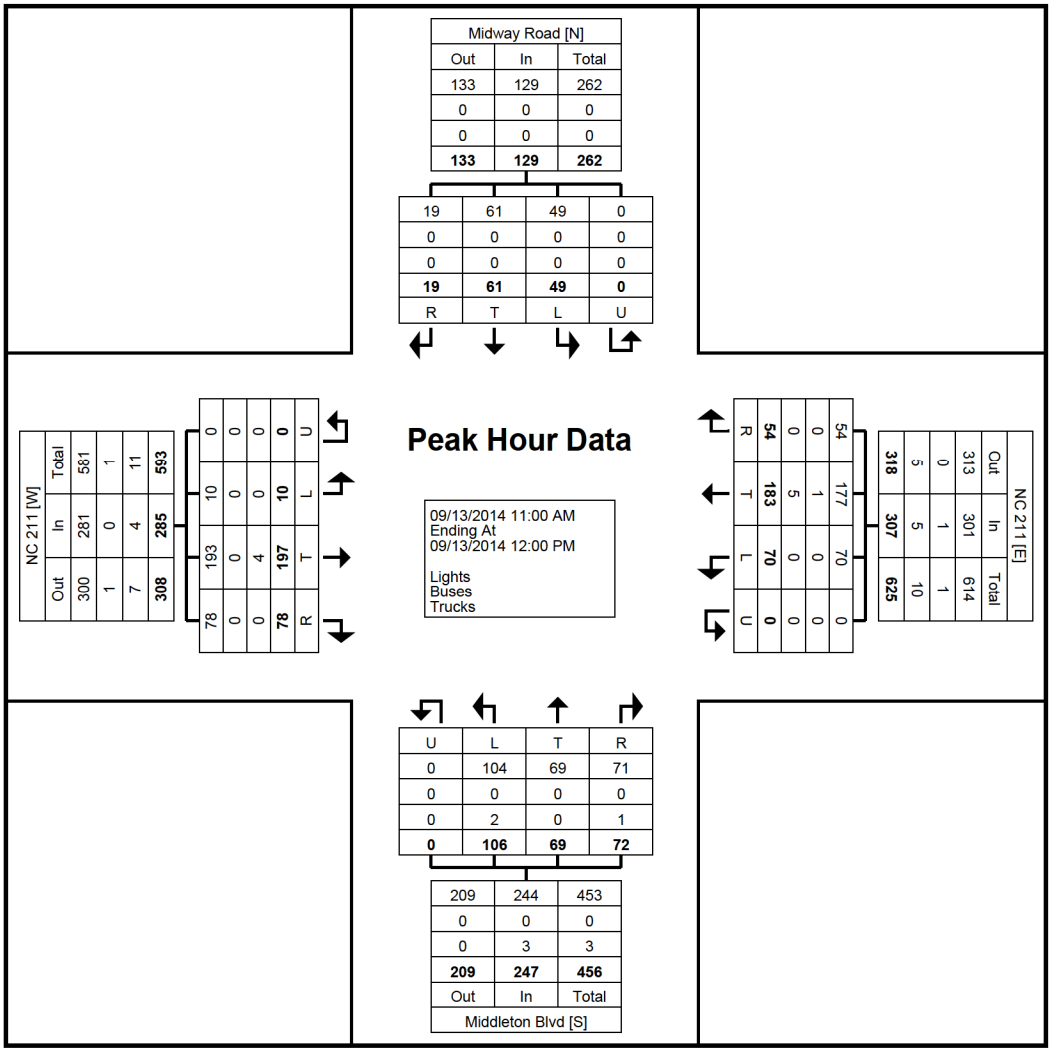

Turning Movement Peak Hour Data Plot (11:00 AM)

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Turning Movement Peak Hour Data (12:15 PM)

Start Time	Midway Road Southbound					NC 211 Westbound					Middleton Blvd Northbound					NC 211 Eastbound					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
12:15 PM	17	14	1	0	32	20	59	11	0	90	26	14	14	0	54	6	47	23	0	76	252
12:30 PM	22	18	1	0	41	16	55	18	0	89	26	16	21	0	63	2	39	26	0	67	260
12:45 PM	15	13	4	0	32	21	47	8	0	76	18	15	14	0	47	2	63	30	0	95	250
1:00 PM	14	22	1	0	37	25	48	15	0	88	18	17	14	0	49	3	46	22	0	71	245
Total	68	67	7	0	142	82	209	52	0	343	88	62	63	0	213	13	195	101	0	309	1007
Approach %	47.9	47.2	4.9	0.0	-	23.9	60.9	15.2	0.0	-	41.3	29.1	29.6	0.0	-	4.2	63.1	32.7	0.0	-	-
Total %	6.8	6.7	0.7	0.0	14.1	8.1	20.8	5.2	0.0	34.1	8.7	6.2	6.3	0.0	21.2	1.3	19.4	10.0	0.0	30.7	-
PHF	0.773	0.761	0.438	0.000	0.866	0.820	0.886	0.722	0.000	0.953	0.846	0.912	0.750	0.000	0.845	0.542	0.774	0.842	0.000	0.813	0.968
Lights	68	67	7	0	142	82	204	51	0	337	86	62	63	0	211	12	191	100	0	303	993
% Lights	100.0	100.0	100.0	-	100.0	100.0	97.6	98.1	-	98.3	97.7	100.0	100.0	-	99.1	92.3	97.9	99.0	-	98.1	98.6
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	0.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0
Trucks	0	0	0	0	0	0	5	1	0	6	2	0	0	0	2	1	4	1	0	6	14
% Trucks	0.0	0.0	0.0	-	0.0	0.0	2.4	1.9	-	1.7	2.3	0.0	0.0	-	0.9	7.7	2.1	1.0	-	1.9	1.4

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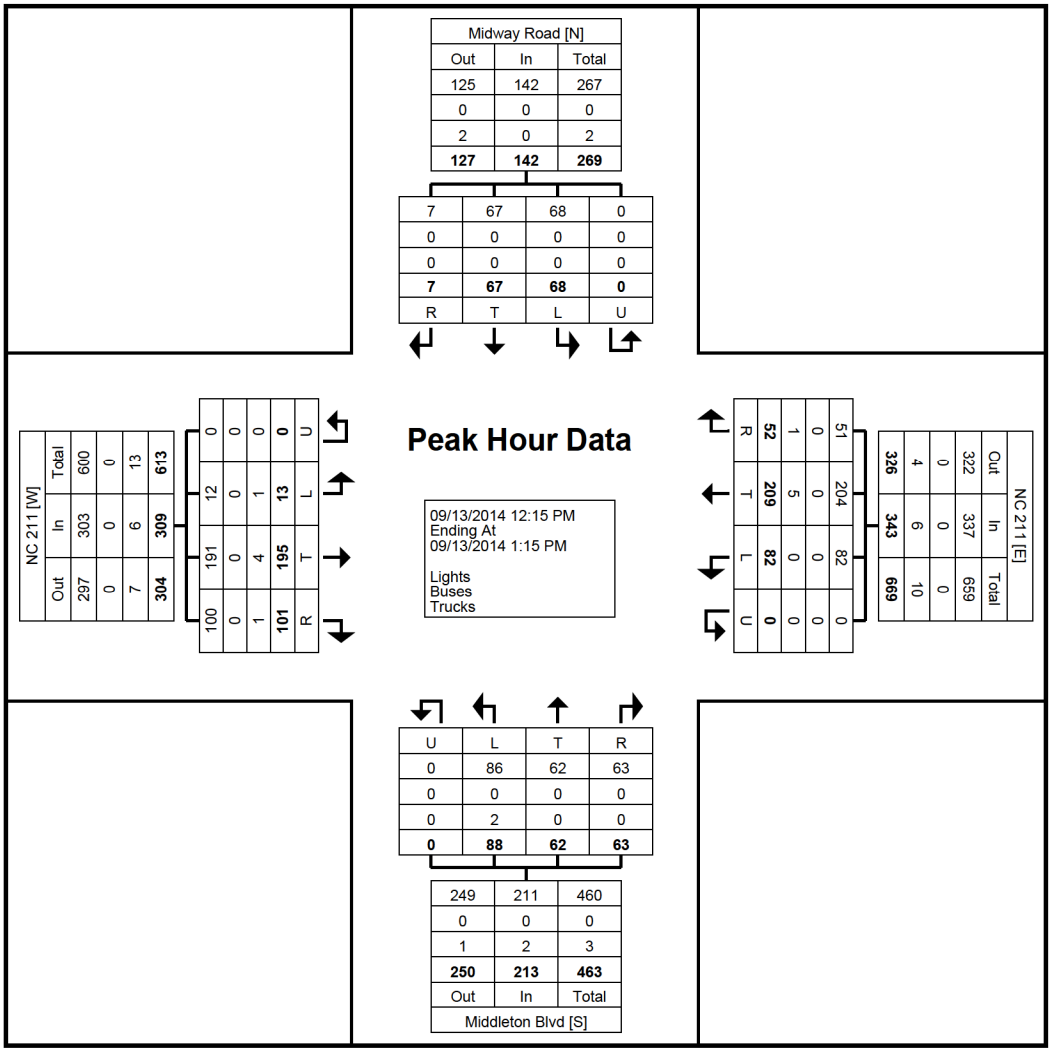

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