RAMEY KEMP & ASSOCIATES
TRANSPORTATION ENGINEERS

5808 Faringdon Place, Suite 100
Raleigh, NC 27609
PH: 919 872-5115

File Name : N. Main St & Crossway Ln
Site Code : 00062314
Start Date : 6/24/2014
Page No : 1

Groups Printed- Vehicles

	N Main Street Southbound				Crossway Lane Westbound				N Main Street Northbound				Oakhall Drive Eastbound						
Start Time	Right	Thru	Left	Trks	Right	Thru	Left	Trks	Right	Thru	Left	Trks	Right	Thru	Left	Trks	Exclu Total	Inclu Total	Int. Total
07:00 AM	3	39	0	0	9	1	8	0	3	97	0	0	2	0	10	0	0	172	172
07:15 AM	0	45	1	0	10	1	10	0	12	114	1	0	3	0	15	0	0	212	212
07:30 AM	3	56	2	0	12	1	19	0	13	123	0	0	1	0	15	0	0	245	245
07:45 AM	3	73	3	0	9	0	13	0	7	116	1	0	3	2	19	0	0	249	249
Total	9	213	6	0	40	3	50	0	35	450	2	0	9	2	59	0	0	878	878
08:00 AM	0	67	1	0	9	2	11	0	7	109	1	0	1	1	14	0	0	223	223
08:15 AM	2	75	2	2	6	0	10	0	7	104	0	2	2	0	13	0	4	221	225
08:30 AM	6	86	3	0	5	0	13	0	6	101	0	1	4	2	10	0	1	236	237
08:45 AM	3	95	6	1	8	2	18	1	17	115	3	3	5	1	6	0	5	279	284
Total	11	323	12	3	28	4	52	1	37	429	4	6	12	4	43	0	10	959	969
** BREAK**																			
04:30 PM	16	120	5	1	6	1	16	0	17	80	3	1	2	1	3	0	2	270	272
04:45 PM	18	122	10	0	5	0	15	0	30	80	3	1	3	3	6	0	1	295	296
Total	34	242	15	1	11	1	31	0	47	160	6	2	5	4	9	0	3	565	568
05:00 PM	9	145	11	1	6	2	19	0	25	101	7	0	4	2	2	0	1	333	334
05:15 PM	19	178	19	0	9	0	17	0	17	119	8	0	3	2	4	0	0	395	395
05:30 PM	15	200	22	0	14	1	22	0	25	87	1	0	5	0	5	0	0	397	397
05:45 PM	14	183	14	1	15	2	11	0	23	92	3	1	5	2	1	0	2	365	367
Total	57	706	66	2	44	5	69	0	90	399	19	1	17	6	12	0	3	1490	1493
06:00 PM	9	166	8	0	5	2	15	0	23	116	11	1	3	1	7	0	1	366	367
06:15 PM	12	147	9	0	3	3	19	0	15	129	2	0	3	3	7	0	0	352	352
Grand Total	132	1797	116	6	131	18	236	1	247	1683	44	10	49	20	137	0	17	4610	4627
Apprch %	6.5	87.9	5.7		34	4.7	61.3		12.5	85.3	2.2		23.8	9.7	66.5				
Total %	2.9	39	2.5		2.8	0.4	5.1		5.4	36.5	1		1.1	0.4	3		0.4	99.6	

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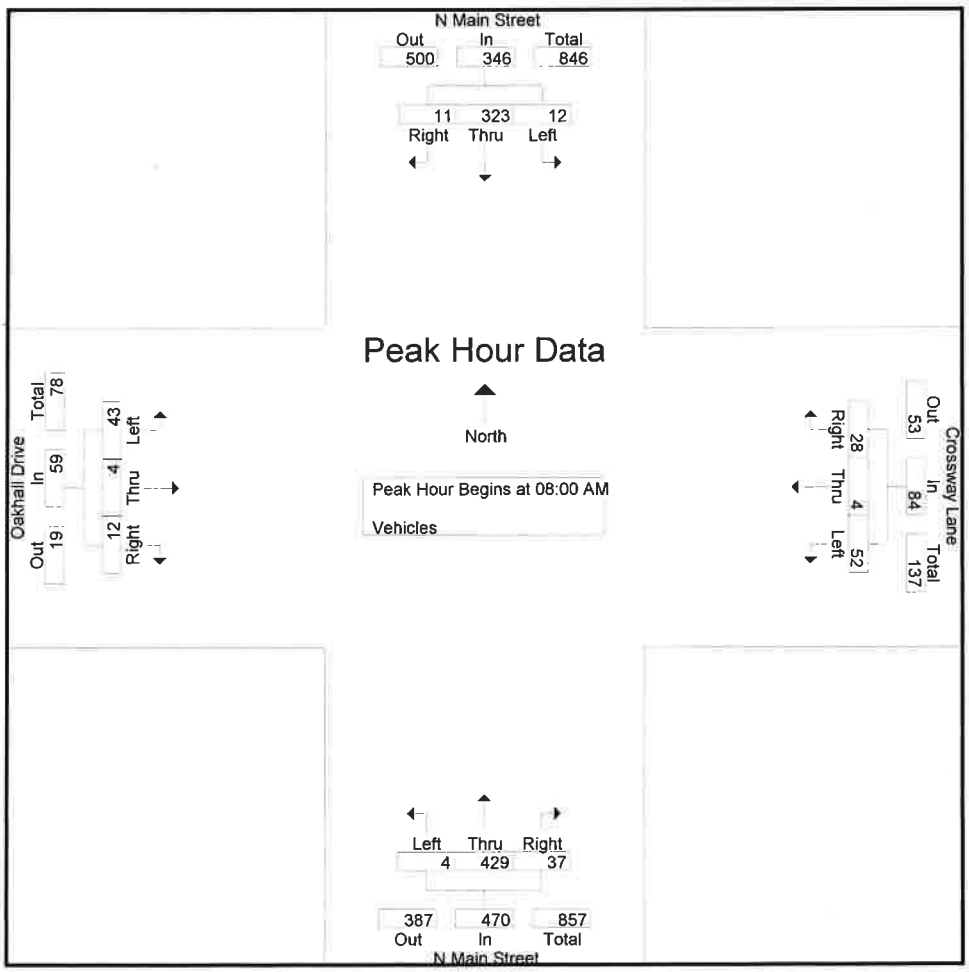
	N Main Street Southbound				Crossway Lane Westbound				N Main Street Northbound				Oakhall Drive Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	67	1	68	**9**	**2**	11	22	7	109	1	117	1	1	**14**	**16**	223
08:15 AM	2	75	2	79	6	0	10	16	7	104	0	111	2	0	13	15	221
08:30 AM	**6**	86	3	95	5	0	13	18	6	101	0	107	4	**2**	10	16	236
08:45 AM	3	**95**	**6**	**104**	8	2	**18**	**28**	**17**	**115**	**3**	**135**	**5**	1	6	12	**279**
Total Volume	11	323	12	346	28	4	52	84	37	429	4	470	12	4	43	59	959
% App. Total	3.2	93.4	3.5		33.3	4.8	61.9		7.9	91.3	0.9		20.3	6.8	72.9		
PHF	.458	.850	.500	.832	.778	.500	.722	.750	.544	.933	.333	.870	.600	.500	.768	.922	.859



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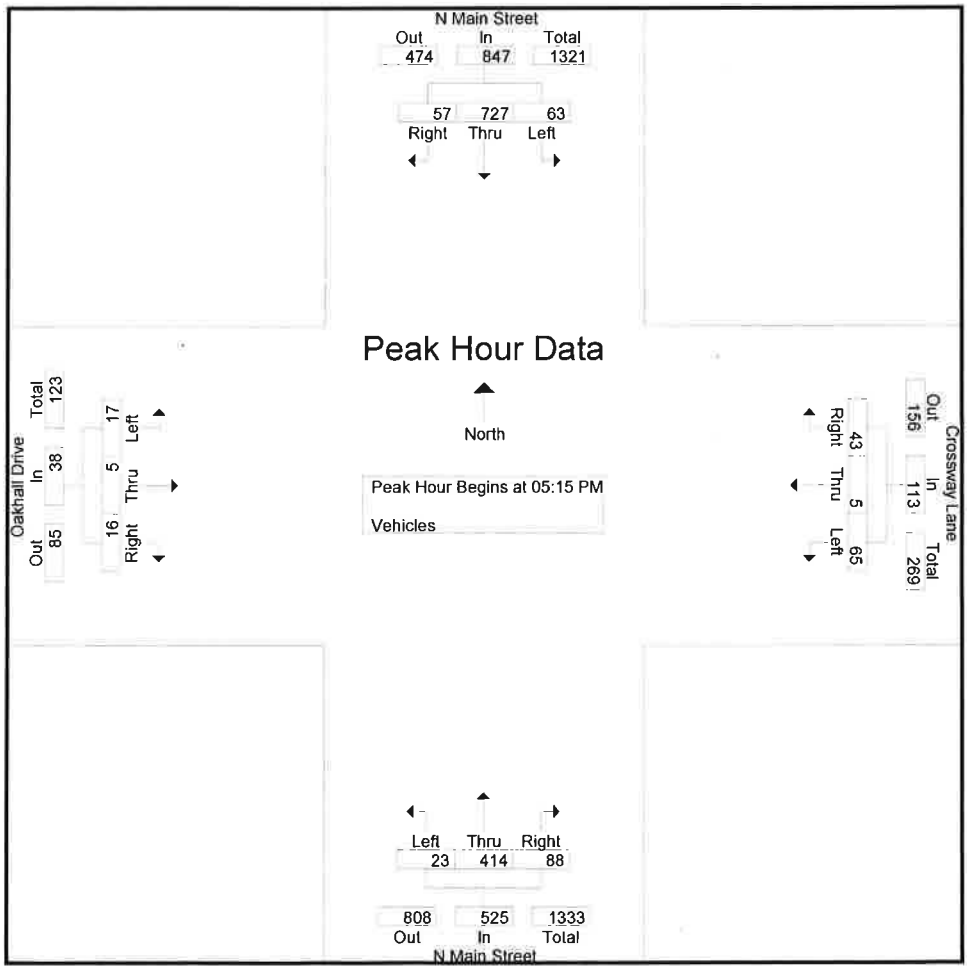
	N Main Street Southbound				Crossway Lane Westbound				N Main Street Northbound				Oakhall Drive Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:15 PM																	
05:15 PM	**19**	178	19	216	9	0	17	26	17	**119**	8	144	3	**2**	4	9	395
05:30 PM	15	**200**	**22**	**237**	14	1	**22**	**37**	**25**	87	1	113	**5**	0	5	10	**397**
05:45 PM	14	183	14	211	**15**	**2**	11	28	23	92	3	118	5	2	1	8	365
06:00 PM	9	166	8	183	5	2	15	22	23	116	**11**	**150**	3	1	**7**	**11**	366
Total Volume	57	727	63	847	43	5	65	113	88	414	23	525	16	5	17	38	1523
% App. Total	6.7	85.8	7.4		38.1	4.4	57.5		16.8	78.9	4.4		42.1	13.2	44.7		
PHF	.750	.909	.716	.893	.717	.625	.739	.764	.880	.870	.523	.875	.800	.625	.607	.864	.959