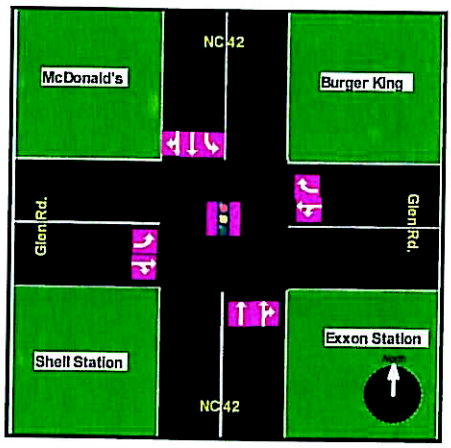
GreenLight
Traffic Services, Inc.
Post Office 1364
Garner, North Carolina 27529-1364
919-632-1779
Benny R. Johnson, President

Count Site # 3

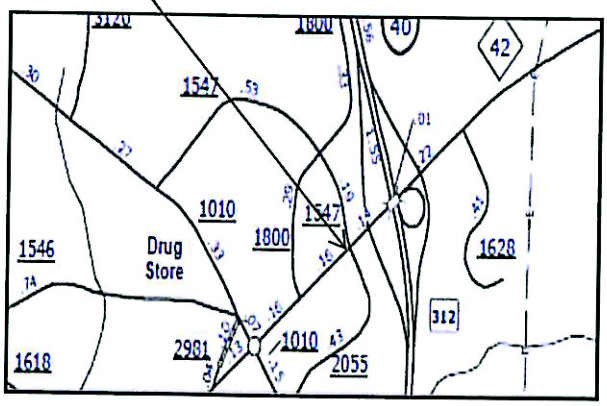
Intersection: NC 42 @ Glen Rd.
Div. – 04 – Johnston Co. – Garner
Date of Count: 5/13/15 Times of Count: 7:00 AM – 9:00 AM and 4:00 PM – 6:00 PM
Counted by: Lois Sauls - Processed By: Benny Johnson
School in Session: Yes Weather Condition: Sunny 0% Chance of Precipitation

Total Volume: 12,685

Method Used: JAMAR DB-400 Electronic Count Board - Equipment Operating Properly: Yes
Type of Count: Turning Movement
Area lighting – Yes - Intersection controlled by: Stop Sign - No Construction present
No Disable Pedestrians Observed – No Traffic Problems Observed



NC 42 @ Glen Rd.



Green Light Traffic Services, Inc.

P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 1

Groups Printed- All Vehicles

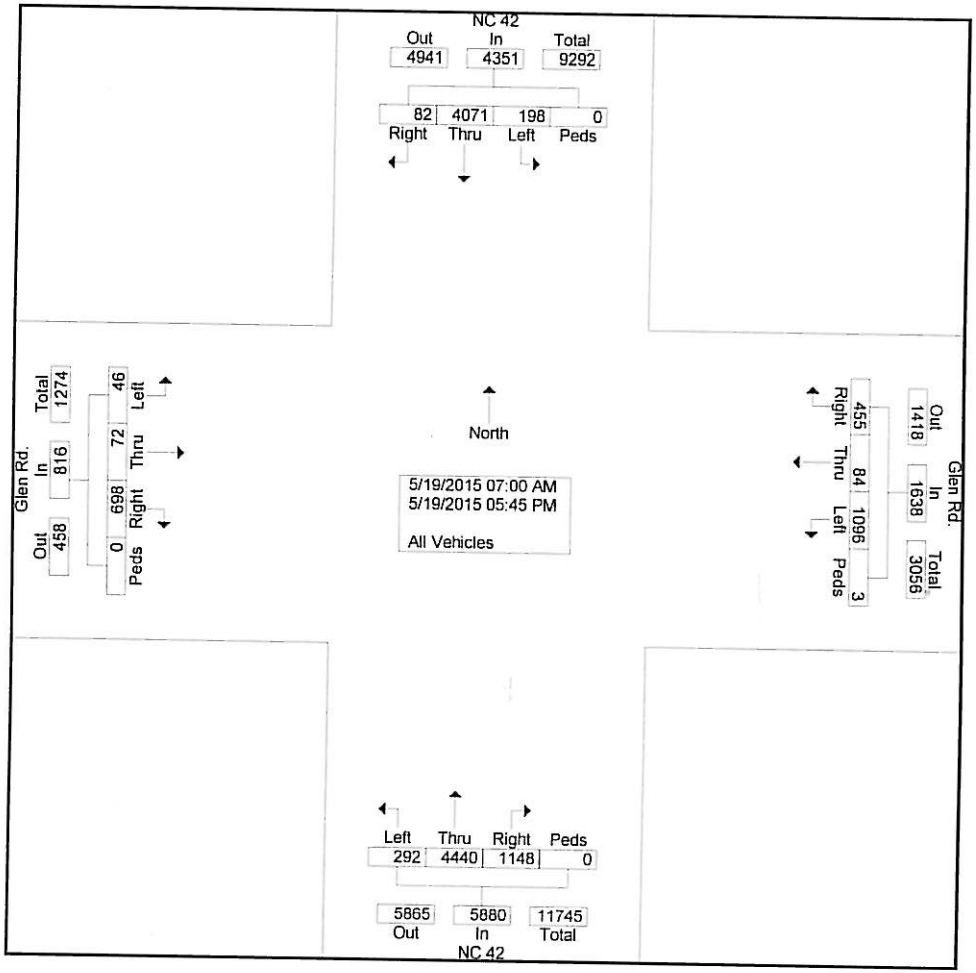
	NC 42 Southbound					Glen Rd. Westbound					NC 42 Northbound					Glen Rd. Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	11	336	4	0	351	55	7	11	0	73	16	134	37	0	187	3	5	49	0	57	668
07:15 AM	8	287	5	0	300	76	5	16	0	97	9	158	43	0	210	5	5	60	0	70	677
07:30 AM	11	315	5	0	331	51	2	16	0	69	24	185	37	0	246	0	2	41	0	43	689
07:45 AM	9	274	10	0	293	69	1	17	0	87	13	184	66	0	263	5	7	62	0	74	717
Total	39	1212	24	0	1275	251	15	60	0	326	62	661	183	0	906	13	19	212	0	244	2751
08:00 AM	25	300	6	0	331	60	5	15	0	80	26	155	49	0	230	2	6	67	0	75	716
08:15 AM	16	247	4	0	267	60	4	18	0	82	14	155	61	0	230	5	4	68	0	77	656
08:30 AM	20	256	5	0	281	70	1	20	0	91	20	185	72	0	277	1	5	47	0	53	702
08:45 AM	18	236	3	0	257	53	1	26	0	80	7	160	63	0	230	4	6	49	0	59	626
Total	79	1039	18	0	1136	243	11	79	0	333	67	655	245	0	967	12	21	231	0	264	2700
*** BREAK ***																					
04:00 PM	15	191	9	0	215	66	5	40	1	112	18	323	90	0	431	1	3	26	0	30	788
04:15 PM	8	229	3	0	240	85	7	17	2	111	16	358	88	0	462	3	5	31	0	39	852
04:30 PM	10	205	1	0	216	90	7	58	0	155	16	356	96	0	468	2	5	39	0	46	885
04:45 PM	8	234	4	0	246	48	4	35	0	87	16	400	96	0	512	3	4	20	0	27	872
Total	41	859	17	0	917	289	23	150	3	465	66	1437	370	0	1873	9	17	116	0	142	3397
05:00 PM	11	253	9	0	273	88	8	37	0	133	20	397	88	0	505	4	2	33	0	39	950
05:15 PM	8	244	6	0	258	88	13	40	0	141	23	440	73	0	536	6	4	41	0	51	986
05:30 PM	10	240	5	0	255	72	7	54	0	133	28	429	95	0	552	0	5	31	0	36	976
05:45 PM	10	224	3	0	237	65	7	35	0	107	26	421	94	0	541	2	4	34	0	40	925
Total	39	961	23	0	1023	313	35	166	0	514	97	1687	350	0	2134	12	15	139	0	166	3837
Grand Total	198	4071	82	0	4351	1096	84	455	3	1638	292	4440	1148	0	5880	46	72	698	0	816	12685
Apprch %	4.6	93.6	1.9	0		66.9	5.1	27.8	0.2		5	75.5	19.5	0		5.6	8.8	85.5	0		
Total %	1.6	32.1	0.6	0	34.3	8.6	0.7	3.6	0	12.9	2.3	35	9.1	0	46.4	0.4	0.6	5.5	0	6.4	

Green Light Traffic Services, Inc.

P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 2



Green Light Traffic Services, Inc.
P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 3

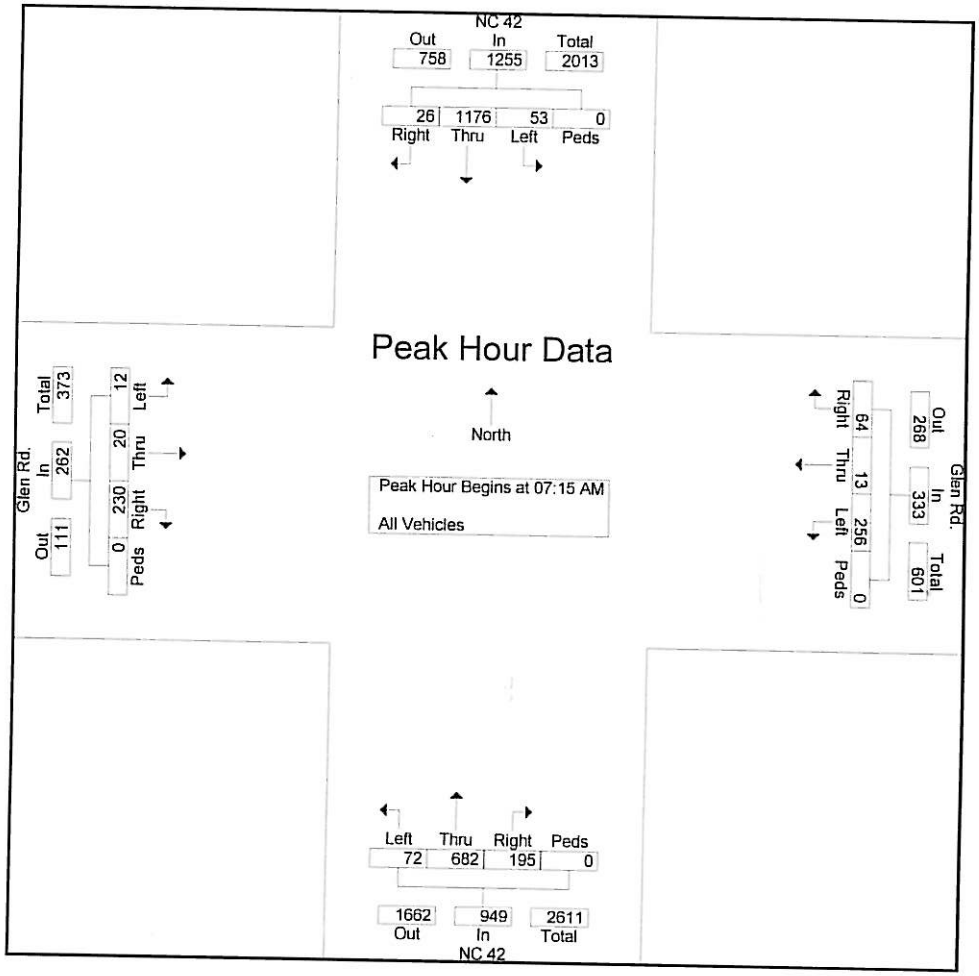
	NC 42 Southbound					Glen Rd. Westbound					NC 42 Northbound					Glen Rd. Eastbound					
Start Time	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Int. Total**
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	8	287	5	0	300	**76**	**5**	16	0	**97**	9	158	43	0	210	**5**	5	60	0	70	677
07:30 AM	11	**315**	5	0	**331**	51	2	16	0	69	24	**185**	37	0	246	0	2	41	0	43	689
07:45 AM	9	274	**10**	0	293	69	1	**17**	0	87	13	184	**66**	0	**263**	5	**7**	62	0	74	**717**
08:00 AM	**25**	300	6	0	331	60	5	15	0	80	**26**	155	49	0	230	2	6	**67**	0	**75**	716
Total Volume	53	1176	26	0	1255	256	13	64	0	333	72	682	195	0	949	12	20	230	0	262	2799
% App. Total	4.2	93.7	2.1	0		76.9	3.9	19.2	0		7.6	71.9	20.5	0		4.6	7.6	87.8	0		
PHF	.530	.933	.650	.000	.948	.842	.650	.941	.000	.858	.692	.922	.739	.000	.902	.600	.714	.858	.000	.873	.976

Green Light Traffic Services, Inc.

P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 4



Green Light Traffic Services, Inc.

P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 5

	NC 42 Southbound					Glen Rd. Westbound					NC 42 Northbound					Glen Rd. Eastbound					
Start Time	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Left**	**Thru**	**Right**	**Peds**	**App. Total**	**Int. Total**
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	**11**	**253**	**9**	0	**273**	**88**	8	37	0	133	20	397	88	0	505	4	2	33	0	39	950
05:15 PM	8	244	6	0	258	88	**13**	40	0	**141**	23	**440**	73	0	536	**6**	4	**41**	0	**51**	**986**
05:30 PM	10	240	5	0	255	72	7	**54**	0	133	**28**	429	**95**	0	**552**	0	**5**	31	0	36	976
05:45 PM	10	224	3	0	237	65	7	35	0	107	26	421	94	0	541	2	4	34	0	40	925
Total Volume	39	961	23	0	1023	313	35	166	0	514	97	1687	350	0	2134	12	15	139	0	166	3837
% App. Total	3.8	93.9	2.2	0		60.9	6.8	32.3	0		4.5	79.1	16.4	0		7.2	9	83.7	0		
PHF	.886	.950	.639	.000	.937	.889	.673	.769	.000	.911	.866	.959	.921	.000	.966	.500	.750	.848	.000	.814	.973

Green Light Traffic Services, Inc.

P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 6

Peak Hour Data

Peak Hour Begins at 05:00 PM

All Vehicles

North

NC 42

Out	In	Total
1865	1023	2888

Right	Thru	Left	Peds
23	961	39	0

Glen Rd.

Out	In	Total
404	514	918

Right	Thru	Left	Peds
166	35	313	0

Glen Rd.

Out	In	Total
155	166	321

Peds	Right	Thru	Left
0	139	15	12

NC 42

Out	In	Total
1413	2134	3547

Left	Thru	Right	Peds
97	1687	350	0

Green Light Traffic Services, Inc.
P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 7

SB

Green Light Traffic Services, Inc.
P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 8

WB

Westbound approach on Glen Rd.

Green Light Traffic Services, Inc.
P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 9

NB

Green Light Traffic Services, Inc.
P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

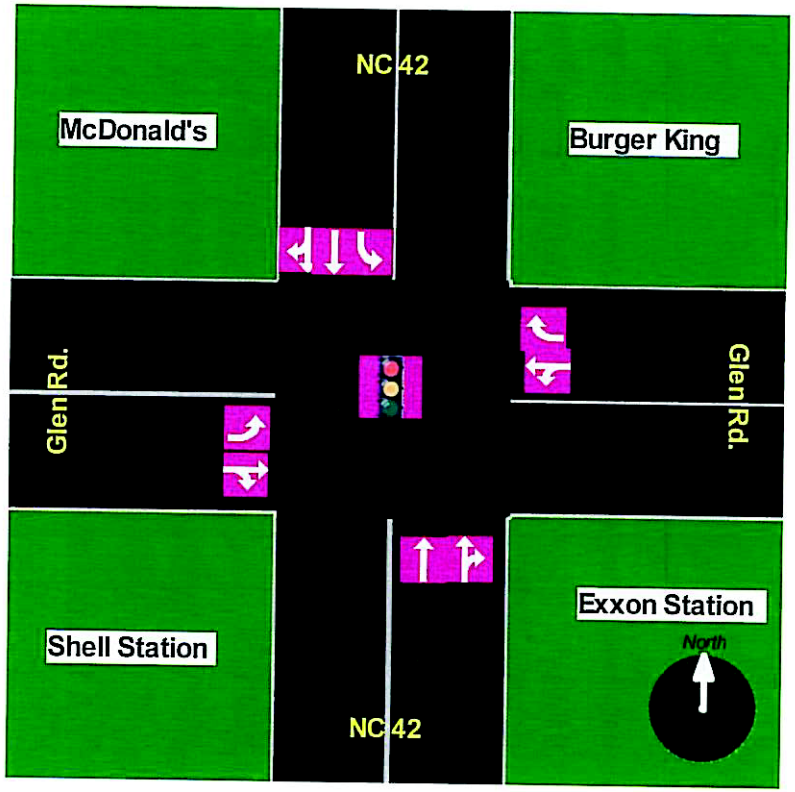
NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 10

EB

Eastbound approach on Glen Rd.

Green Light Traffic Services, Inc.
P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
Glen Rd.
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 3 NC-42 @ Glen Rd.
Site Code : Site # 3
Start Date : 5/19/2015
Page No : 11