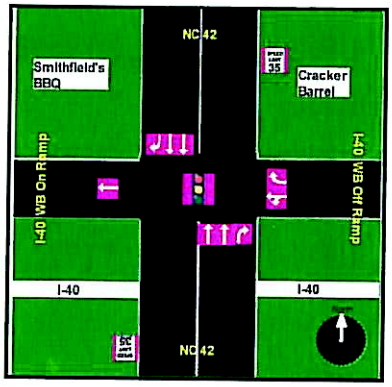
GreenLight
Traffic Services, Inc.
Post Office 1364
Garner, North Carolina 27529-1364
919-632-1779
Benny R. Johnson, President

Count Site # 5

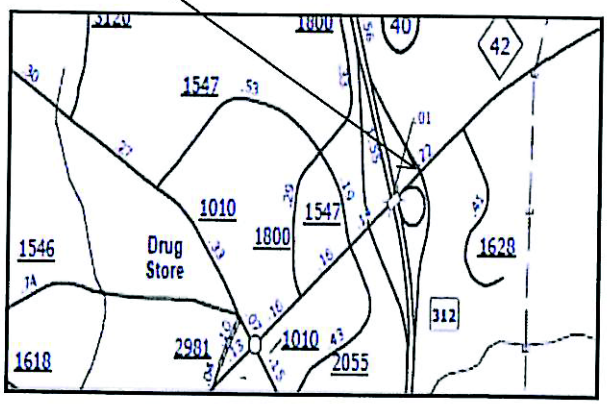
Intersection: NC 42 @ WB I-40 Ramp
Div. – 04 – Johnston Co. – Garner
Date of Count: 5/20/15 Times of Count: 7:00 AM – 9:00 AM and 4:00 PM – 6:00 PM
Counted by: Lois Sauls - Processed By: Benny Johnson
School in Session: Yes Weather Condition: Sunny 0% Chance of Precipitation

Total Volume: 10,899

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



NC 42 @ WB I-40 Ramp



Green Light Traffic Services, Inc.

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

NC 42 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
Page No : 1

Groups Printed- All Vehicles

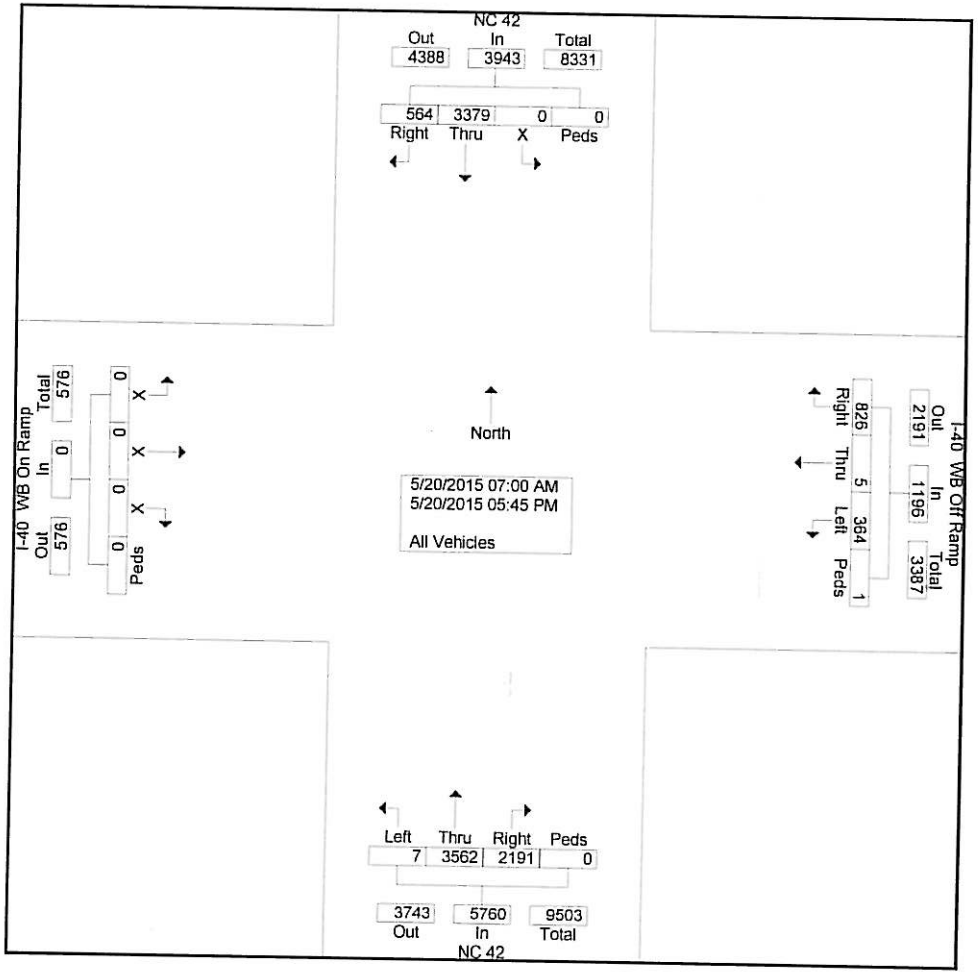
	NC 42 Southbound					I-40 WB Off Ramp Westbound					NC 42 Northbound					I-40 WB On Ramp Eastbound					
Start Time	X	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	X	X	X	Peds	App. Total	Int. Total
07:00 AM	0	146	41	0	187	18	0	41	0	59	1	209	237	0	447	0	0	0	0	0	693
07:15 AM	0	141	37	0	178	27	0	53	0	80	0	192	215	0	407	0	0	0	0	0	665
07:30 AM	0	149	33	0	182	23	0	64	0	87	0	189	182	0	371	0	0	0	0	0	640
07:45 AM	0	169	39	0	208	19	0	51	0	70	2	186	188	0	376	0	0	0	0	0	654
Total	0	605	150	0	755	87	0	209	0	296	3	776	822	0	1601	0	0	0	0	0	2652
08:00 AM	0	109	27	0	136	14	0	58	0	72	2	187	200	0	389	0	0	0	0	0	597
08:15 AM	0	175	46	0	221	24	0	51	0	75	0	197	140	0	337	0	0	0	0	0	633
08:30 AM	0	160	42	0	202	32	0	83	0	115	0	190	161	0	351	0	0	0	0	0	668
08:45 AM	0	150	45	0	195	25	2	44	0	71	0	200	137	0	337	0	0	0	0	0	603
Total	0	594	160	0	754	95	2	236	0	333	2	774	638	0	1414	0	0	0	0	0	2501
*** BREAK ***																					
04:00 PM	0	243	28	0	271	14	0	42	0	56	0	235	73	0	308	0	0	0	0	0	635
04:15 PM	0	254	41	0	295	19	0	59	0	78	1	231	103	0	335	0	0	0	0	0	708
04:30 PM	0	248	34	0	282	21	0	53	0	74	0	246	81	0	327	0	0	0	0	0	683
04:45 PM	0	277	19	0	296	20	0	37	0	57	0	232	77	0	309	0	0	0	0	0	662
Total	0	1022	122	0	1144	74	0	191	0	265	1	944	334	0	1279	0	0	0	0	0	2688
05:00 PM	0	295	39	0	334	24	1	43	0	68	0	281	111	0	392	0	0	0	0	0	794
05:15 PM	0	298	28	0	326	27	2	43	1	73	1	259	94	0	354	0	0	0	0	0	753
05:30 PM	0	257	37	0	294	35	0	48	0	83	0	245	91	0	336	0	0	0	0	0	713
05:45 PM	0	308	28	0	336	22	0	56	0	78	0	283	101	0	384	0	0	0	0	0	798
Total	0	1158	132	0	1290	108	3	190	1	302	1	1068	397	0	1466	0	0	0	0	0	3058
Grand Total	0	3379	564	0	3943	364	5	826	1	1196	7	3562	2191	0	5760	0	0	0	0	0	10899
Apprch %	0	85.7	14.3	0		30.4	0.4	69.1	0.1		0.1	61.8	38	0		0	0	0	0		
Total %	0	31	5.2	0	36.2	3.3	0	7.6	0	11	0.1	32.7	20.1	0	52.8	0	0	0	0	0	

Green Light Traffic Services, Inc.

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

NC 42 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
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 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
Page No : 3

	NC 42 Southbound					I-40 WB Off Ramp Westbound					NC 42 Northbound					I-40 WB On Ramp Eastbound					
Start Time	X	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	X	X	X	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 07:00 AM																					
07:00 AM	0	146	41	0	187	18	0	41	0	59	1	209	237	0	447	0	0	0	0	0	693
07:15 AM	0	141	37	0	178	27	0	53	0	80	0	192	215	0	407	0	0	0	0	0	665
07:30 AM	0	149	33	0	182	23	0	64	0	87	0	189	182	0	371	0	0	0	0	0	640
07:45 AM	0	169	39	0	208	19	0	51	0	70	2	186	188	0	376	0	0	0	0	0	654
Total Volume	0	605	150	0	755	87	0	209	0	296	3	776	822	0	1601	0	0	0	0	0	2652
% App. Total	0	80.1	19.9	0		29.4	0	70.6	0		0.2	48.5	51.3	0		0	0	0	0		
PHF	.000	.895	.915	.000	.907	.806	.000	.816	.000	.851	.375	.928	.867	.000	.895	.000	.000	.000	.000	.000	.957

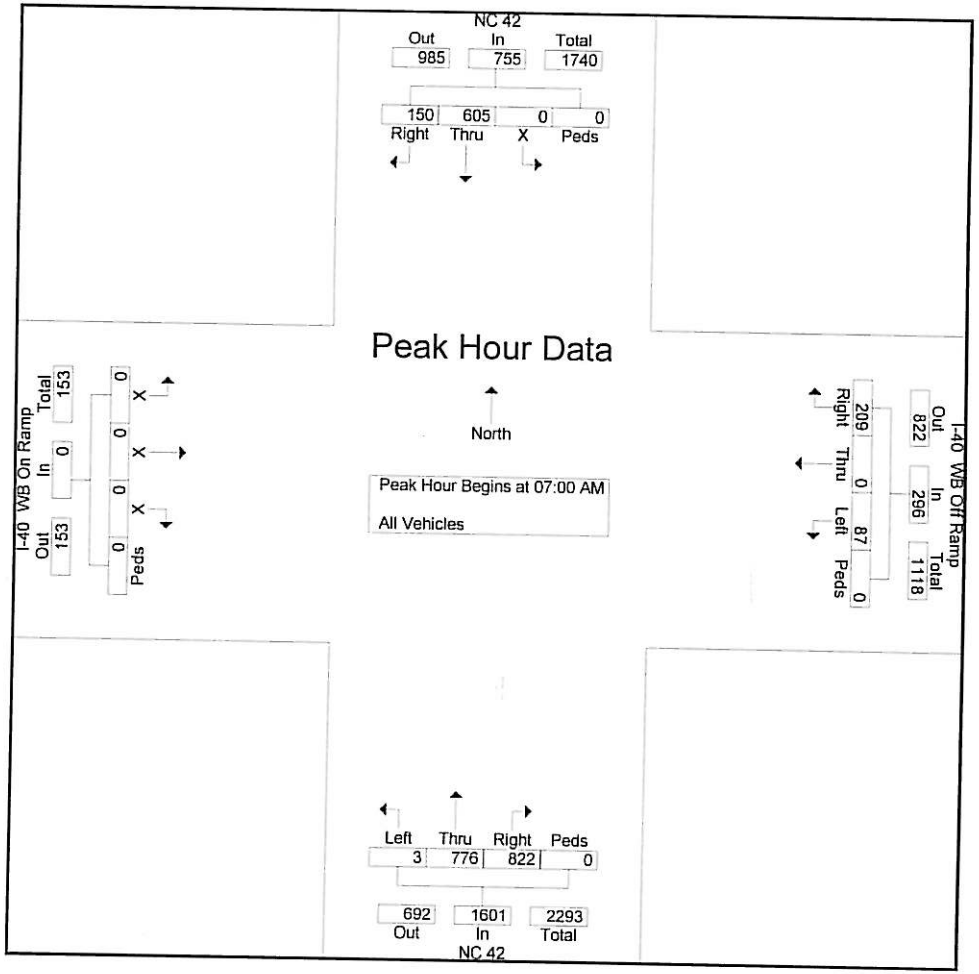
Green Light Traffic Services, Inc.

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

NC 42 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
Page No : 4

Peak Hour Data



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

NC 42 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
Page No : 5

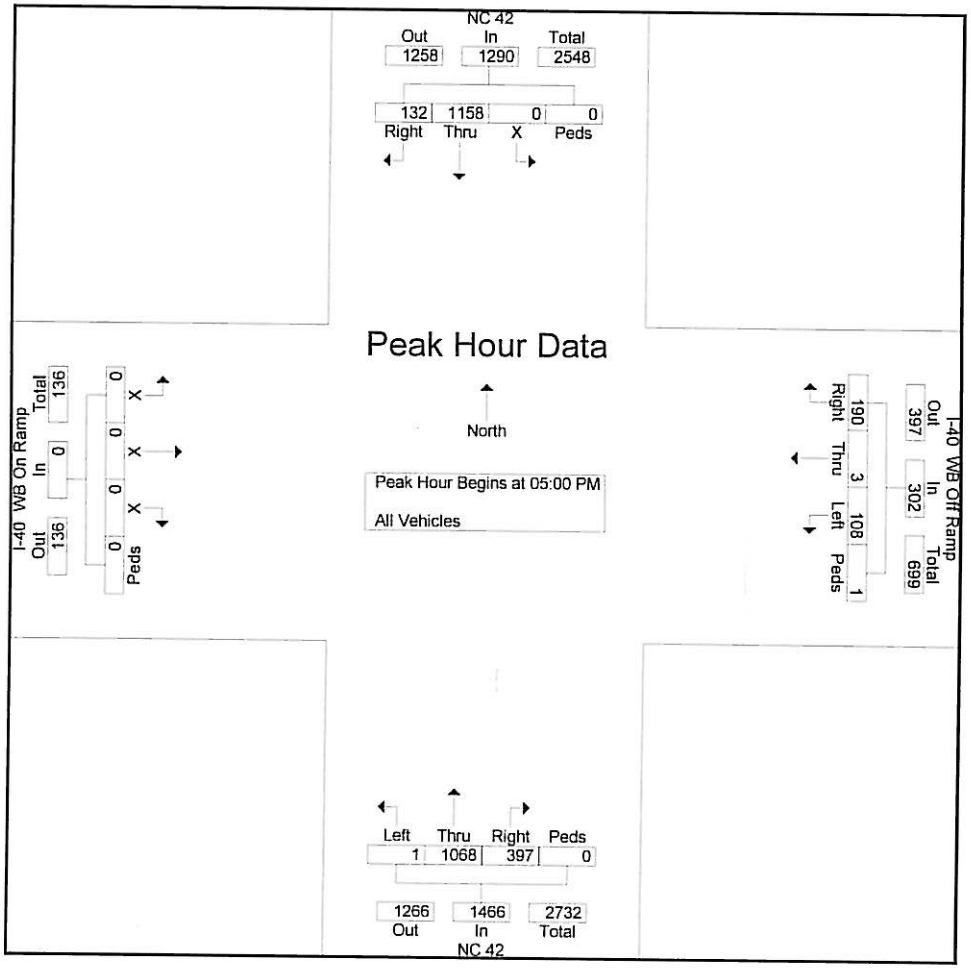
	NC 42 Southbound					I-40 WB Off Ramp Westbound					NC 42 Northbound					I-40 WB On Ramp Eastbound					
Start Time	X	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	X	X	X	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	295	39	0	334	24	1	43	0	68	0	281	111	0	392	0	0	0	0	0	794
05:15 PM	0	298	28	0	326	27	2	43	1	73	1	259	94	0	354	0	0	0	0	0	753
05:30 PM	0	257	37	0	294	35	0	48	0	83	0	245	91	0	336	0	0	0	0	0	713
05:45 PM	0	308	28	0	336	22	0	56	0	78	0	283	101	0	384	0	0	0	0	0	798
Total Volume	0	1158	132	0	1290	108	3	190	1	302	1	1068	397	0	1466	0	0	0	0	0	3058
% App. Total	0	89.8	10.2	0		35.8	1	62.9	0.3		0.1	72.9	27.1	0		0	0	0	0		
PHF	.000	.940	.846	.000	.960	.771	.375	.848	.250	.910	.250	.943	.894	.000	.935	.000	.000	.000	.000	.000	.958

Green Light Traffic Services, Inc.

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

NC 42 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
Page No : 6



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

NC 42 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
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 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
Page No : 8

WB

Westbound approach on I-40 Ramp

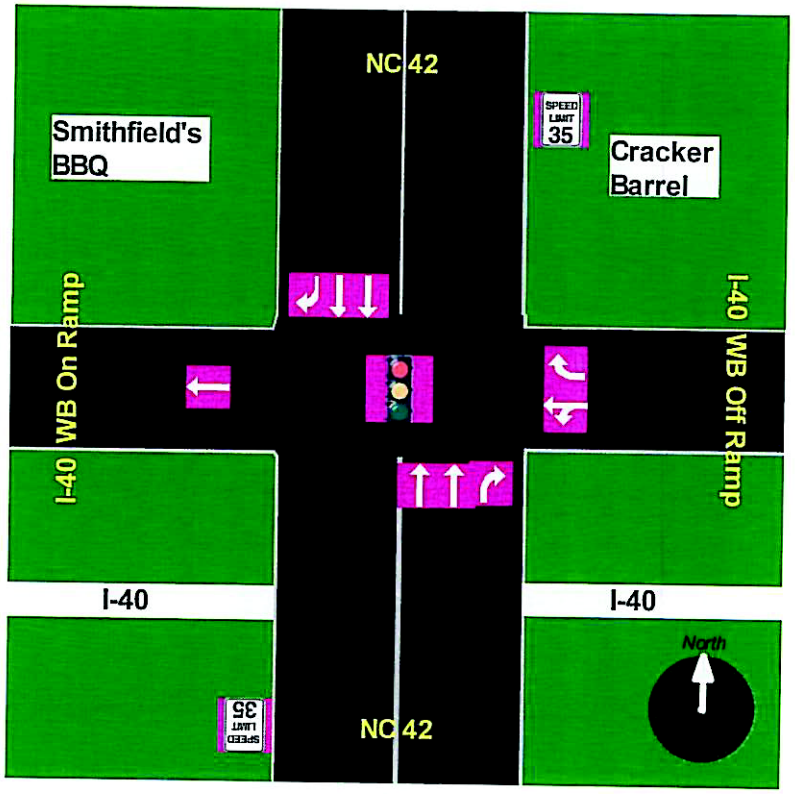
Green Light Traffic Services, Inc.
P.O. Box 1364
Garner, NC 27529
Phone# 919-632-1779
Benny R Johnson, President

NC 42 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
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 @
WB I-40 Ramps
Weather: Sunny
Counted By: Lois Sauls

File Name : Site# 5 NC-42 @ WB I-40 Ramps
Site Code : Site # 5
Start Date : 5/20/2015
Page No : 10