Wetherill Engineering Inc.

559 Jones Frankin Road, Suite 164
Raleigh NC 27606

River Oakes Mixed Use Subdivision
NC 42, Johnston County,North Carolina
NC 42 & Govement Rosd

File Name : NC 40 - Govement Rd
Site Code : 00000006
Start Date : 5/19/2015
Page No : 1

Groups Printed- Unshifted - Bank 1

						NC 42					Govement Rd.					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
07:00 AM	0	0	0	0	0	10	125	0	0	135	47	0	53	0	100	0	155	4	0	159	394
07:15 AM	0	0	0	0	0	13	117	0	0	130	36	0	54	0	90	0	166	10	0	176	396
07:30 AM	0	0	0	0	0	10	140	0	0	150	34	0	54	0	88	0	181	5	0	186	424
07:45 AM	1	0	1	0	2	7	119	0	0	126	42	0	33	0	75	0	188	6	0	194	397
Total	1	0	1	0	2	40	501	0	0	541	159	0	194	0	353	0	690	25	0	715	1611
08:00 AM	0	0	0	0	0	6	117	0	0	123	18	0	39	0	57	0	156	5	0	161	341
08:15 AM	0	0	0	0	0	5	128	0	0	133	18	0	34	0	52	0	177	6	0	183	368
08:30 AM	0	0	0	0	0	11	151	0	0	162	22	0	26	0	48	0	139	10	0	149	359
08:45 AM	0	0	0	0	0	11	145	0	0	156	17	0	22	0	39	0	185	9	0	194	389
Total	0	0	0	0	0	33	541	0	0	574	75	0	121	0	196	0	657	30	0	687	1457
*** BREAK ***																					
04:00 PM	0	0	0	0	0	30	170	0	0	200	14	0	19	0	33	0	179	16	0	195	428
04:15 PM	0	0	0	0	0	34	180	0	0	214	15	0	11	0	26	0	140	28	0	168	408
04:30 PM	0	0	0	0	0	37	205	0	0	242	17	0	23	0	40	0	154	26	0	180	462
04:45 PM	0	0	0	0	0	42	222	0	0	264	14	0	10	0	24	0	134	33	0	167	455
Total	0	0	0	0	0	143	777	0	0	920	60	0	63	0	123	0	607	103	0	710	1753
05:00 PM	0	0	0	0	0	41	196	0	0	237	18	0	22	0	40	0	163	37	0	200	477
05:15 PM	0	0	0	0	0	51	201	0	0	252	15	0	22	0	37	0	159	29	0	188	477
05:30 PM	0	0	0	0	0	51	200	0	0	251	10	0	20	0	30	0	157	22	0	179	460
05:45 PM	0	0	0	0	0	56	192	0	0	248	22	0	18	0	40	0	171	23	0	194	482
Total	0	0	0	0	0	199	789	0	0	988	65	0	82	0	147	0	650	111	0	761	1896
Grand Total	1	0	1	0	2	415	2608	0	0	3023	359	0	460	0	819	0	2604	269	0	2873	6717
Apprch %	50	0	50	0		13.7	86.3	0	0		43.8	0	56.2	0		0	90.6	9.4	0		
Total %	0	0	0	0	0	6.2	38.8	0	0	45	5.3	0	6.8	0	12.2	0	38.8	4	0	42.8	
Unshifted	1	0	1	0	2	415	2608	0	0	3023	359	0	460	0	819	0	2604	269	0	2873	6717
% Unshifted	100	0	100	0	100	100	100	0	0	100	100	0	100	0	100	0	100	100	0	100	100
Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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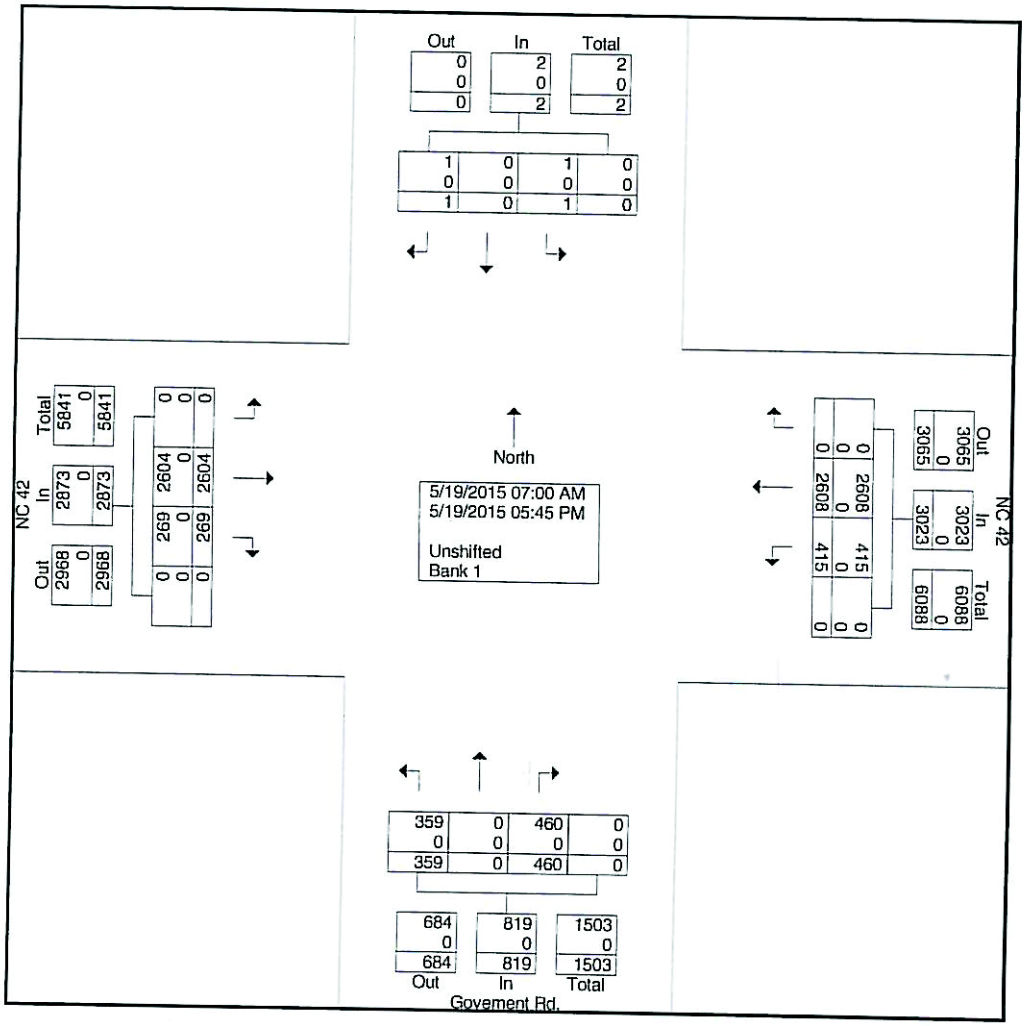
Page No : 2



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Page No : 4

						NC 42					Govement Rd.					NC 42					
Start Time					App. Total					App. Total					App. Total					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 07:00 AM																					
07:00 AM	0	0	0	0	0	10	125	0	0	135	**47**	0	53	0	**100**	0	155	4	0	159	394
07:15 AM	0	0	0	0	0	**13**	117	0	0	130	36	0	**54**	0	90	0	166	**10**	0	176	396
07:30 AM	0	0	0	0	0	10	**140**	0	0	**150**	34	0	54	0	88	0	181	5	0	186	**424**
07:45 AM	**1**	0	**1**	0	**2**	7	119	0	0	126	42	0	33	0	75	0	**188**	6	0	**194**	397
Total Volume	1	0	1	0	2	40	501	0	0	541	159	0	194	0	353	0	690	25	0	715	1611
% App. Total	50	0	50	0		7.4	92.6	0	0		45	0	55	0		0	96.5	3.5	0		
PHF	.250	.000	.250	.000	.250	.769	.895	.000	.000	.902	.846	.000	.898	.000	.883	.000	.918	.625	.000	.921	.950

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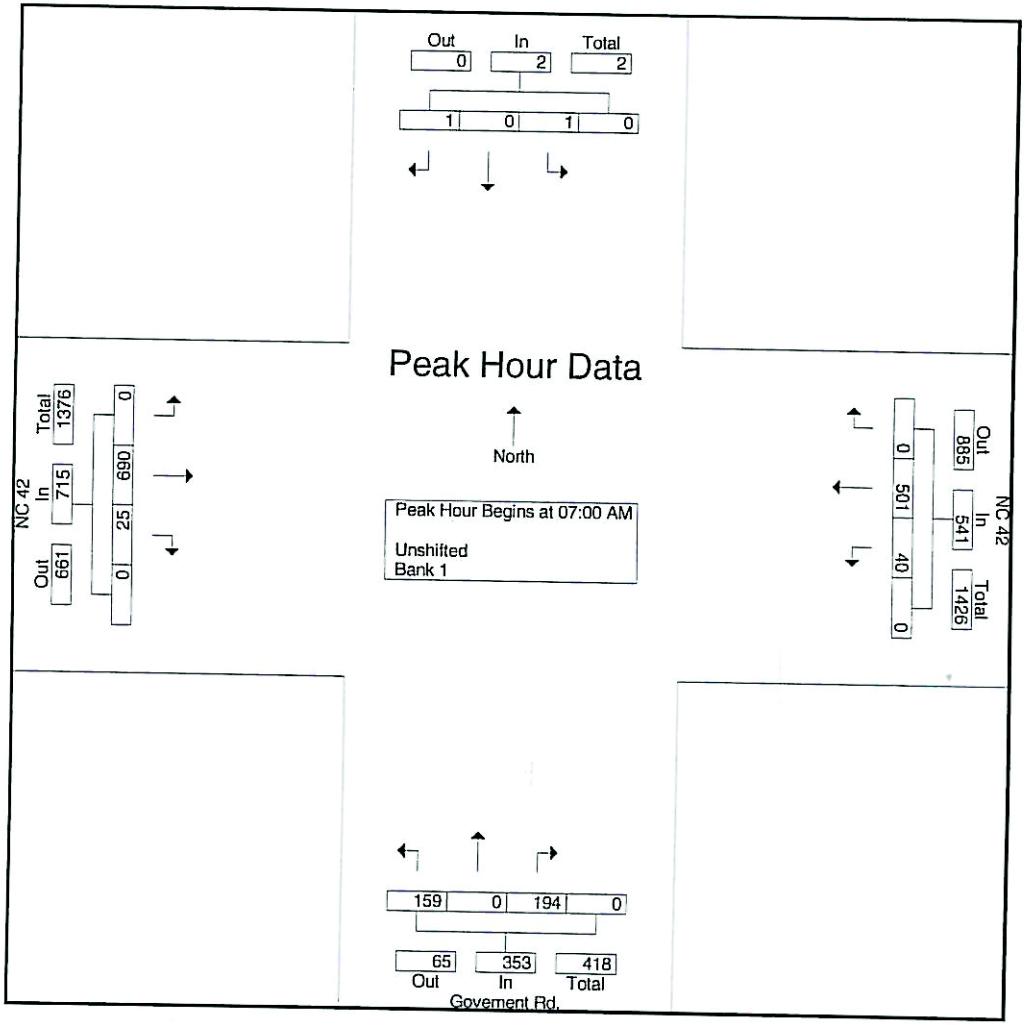
Page No : 5



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Start Date : 5/19/2015
Page No : 7

						NC 42					Govement Rd.					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	0	0	0	0	41	196	0	0	237	18	0	**22**	0	**40**	0	163	**37**	0	**200**	477
05:15 PM	0	0	0	0	0	51	**201**	0	0	**252**	15	0	22	0	37	0	159	29	0	188	477
05:30 PM	0	0	0	0	0	51	200	0	0	251	10	0	20	0	30	0	157	22	0	179	460
05:45 PM	0	0	0	0	0	**56**	192	0	0	248	**22**	0	18	0	40	0	**171**	23	0	194	**482**
Total Volume	0	0	0	0	0	199	789	0	0	988	65	0	82	0	147	0	650	111	0	761	1896
% App. Total	0	0	0	0		20.1	79.9	0	0		44.2	0	55.8	0		0	85.4	14.6	0		
PHF	.000	.000	.000	.000	.000	.888	.981	.000	.000	.980	.739	.000	.932	.000	.919	.000	.950	.750	.000	.951	.983

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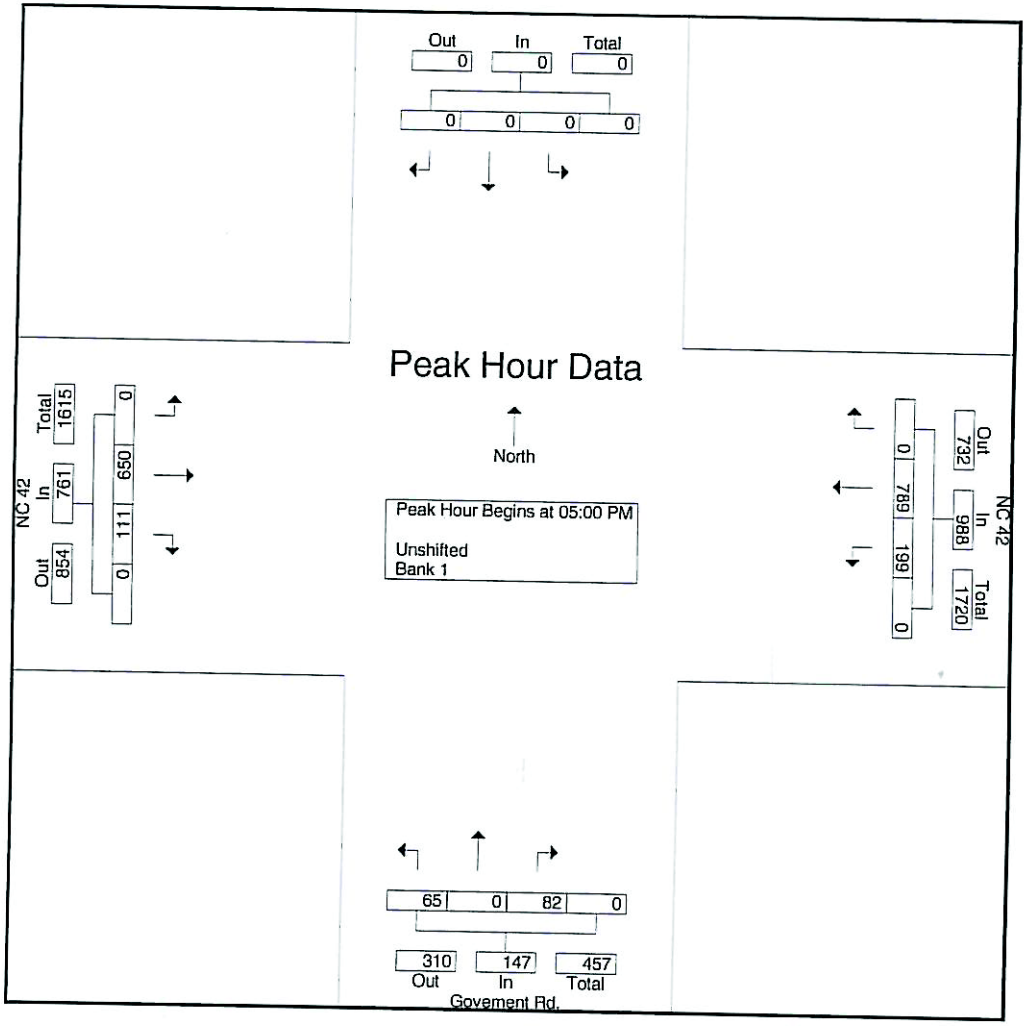

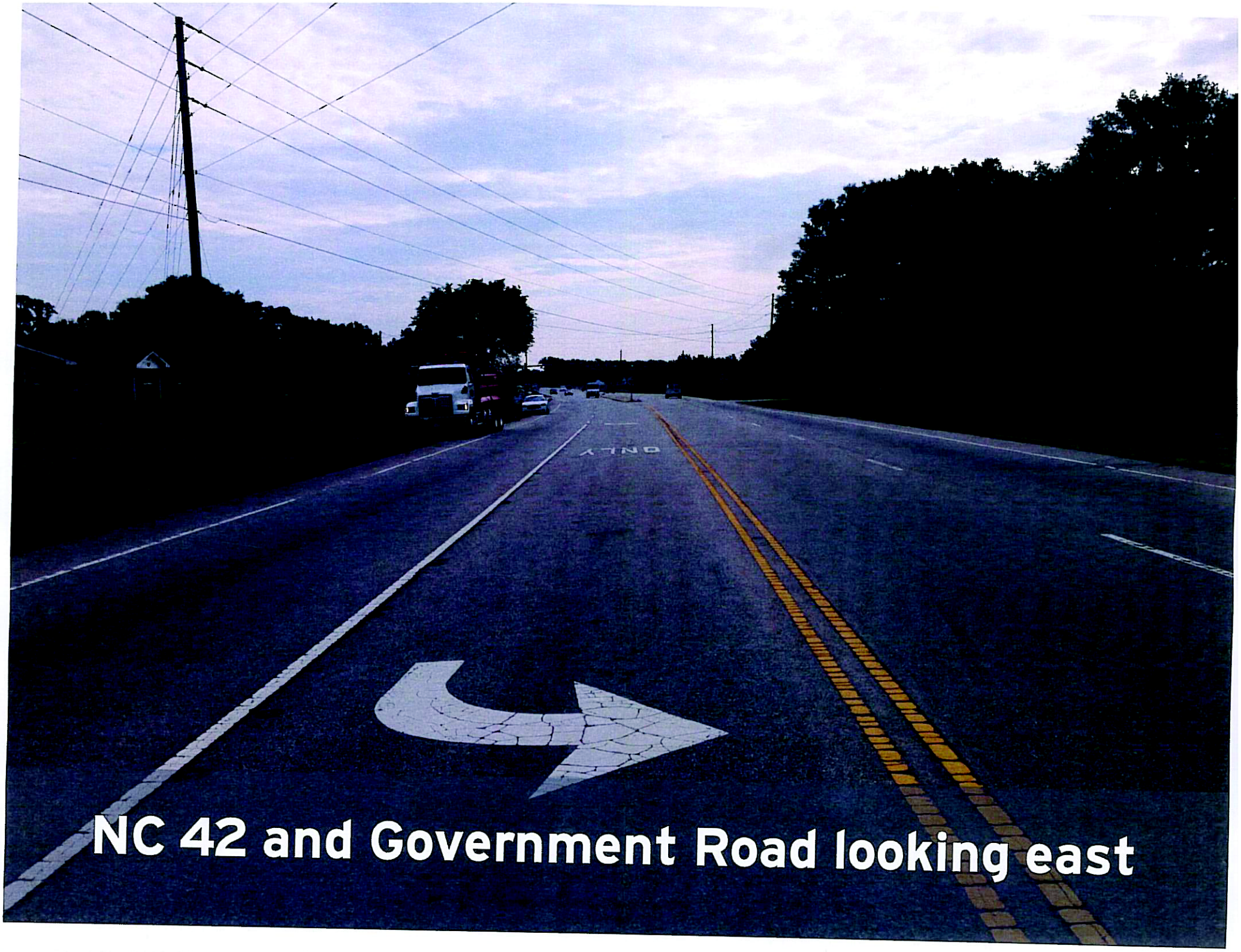
NC 42 and Government Road looking east

NC 42 and Government Road looking west

NC 42 and Government Road looking north