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 & US 70 EB Ramps

W

File Name : NC-42 Counts NC 42 -US 70 WB Ramp
Site Code : 00055555
Start Date : 5/20/2015
Page No : 1

Groups Printed- Unshifted - Bank 1

	US 70 WB on Ranp					NC 42					US 70 WB off Ranp					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	99	32	0	131	38	0	15	0	53	53	124	0	0	177	361
07:15 AM	0	0	0	0	0	0	123	24	0	147	40	0	24	0	64	42	135	0	0	177	388
07:30 AM	0	0	0	0	0	0	128	30	0	158	39	0	29	0	68	26	132	0	0	158	384
07:45 AM	0	0	0	0	0	0	142	21	0	163	34	0	37	0	71	30	175	0	0	205	439
Total	0	0	0	0	0	0	492	107	0	599	151	0	105	0	256	151	566	0	0	717	1572
08:00 AM	0	0	0	0	0	0	108	23	0	131	38	0	24	0	62	16	161	0	0	177	370
08:15 AM	0	0	0	0	0	0	131	29	0	160	36	0	21	0	57	23	146	0	0	169	386
08:30 AM	0	0	0	0	0	0	140	12	0	152	29	0	19	0	48	19	163	0	0	182	382
08:45 AM	0	0	0	0	0	0	133	18	0	151	34	2	16	0	52	21	157	0	0	178	381
Total	0	0	0	0	0	0	512	82	0	594	137	2	80	0	219	79	627	0	0	706	1519
*** BREAK ***																					
04:00 PM	0	0	0	0	0	0	160	19	0	179	49	0	25	0	74	8	149	0	0	157	410
04:15 PM	0	0	0	0	0	0	174	17	0	191	50	0	19	0	69	8	148	0	0	156	416
04:30 PM	0	0	0	0	0	0	190	24	0	214	54	0	12	0	66	13	171	0	0	184	464
04:45 PM	0	0	0	0	0	0	180	20	0	200	69	0	20	0	89	14	170	0	0	184	473
Total	0	0	0	0	0	0	704	80	0	784	222	0	76	0	298	43	638	0	0	681	1763
05:00 PM	0	0	0	0	0	0	180	32	0	212	53	0	19	0	72	9	145	0	0	154	438
05:15 PM	0	0	0	0	0	0	175	39	0	214	54	0	29	0	83	10	165	0	0	175	472
05:30 PM	0	0	0	0	0	0	176	27	0	203	45	0	19	0	64	13	158	0	0	171	438
05:45 PM	0	0	0	0	0	0	178	29	0	207	53	0	15	0	68	12	153	0	0	165	440
Total	0	0	0	0	0	0	709	127	0	836	205	0	82	0	287	44	621	0	0	665	1788
Grand Total	0	0	0	0	0	0	2417	396	0	2813	715	2	343	0	1060	317	2452	0	0	2769	6642
Apprch %	0	0	0	0		0	85.9	14.1	0		67.5	0.2	32.4	0		11.4	88.6	0	0		
Total %	0	0	0	0	0	0	36.4	6	0	42.4	10.8	0	5.2	0	16	4.8	36.9	0	0	41.7	
Unshifted	0	0	0	0	0	0	2417	396	0	2813	715	2	343	0	1060	317	2452	0	0	2769	6642
% Unshifted	0	0	0	0	0	0	100	100	0	100	100	100	100	0	100	100	100	0	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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Start Date : 5/20/2015
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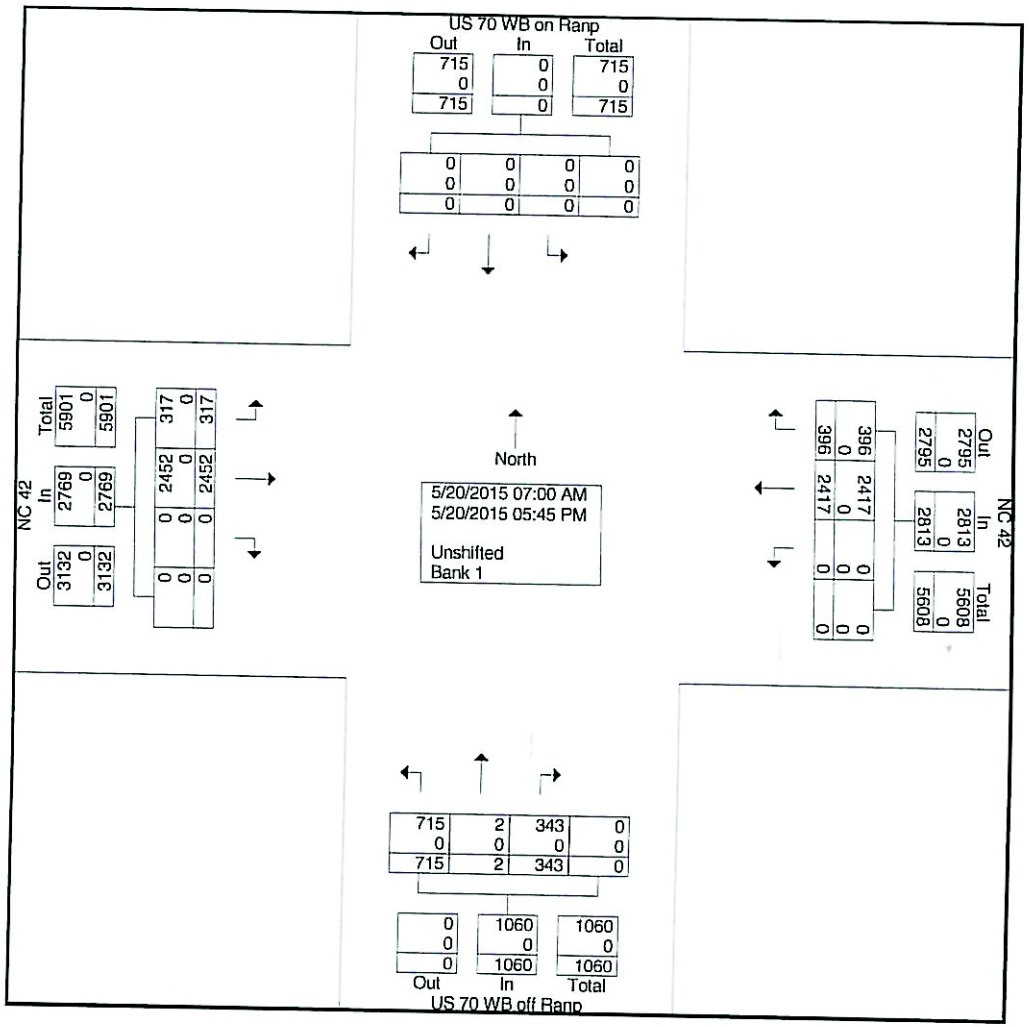

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	US 70 WB on Ramp					NC 42					US 70 WB off Ramp					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	0	0	0	0	0	123	24	0	147	**40**	0	24	0	64	**42**	135	0	0	177	388
07:30 AM	0	0	0	0	0	0	128	**30**	0	158	39	0	29	0	68	26	132	0	0	158	384
07:45 AM	0	0	0	0	0	0	**142**	21	0	**163**	34	0	**37**	0	**71**	30	**175**	0	0	**205**	**439**
08:00 AM	0	0	0	0	0	0	108	23	0	131	38	0	24	0	62	16	161	0	0	177	370
Total Volume	0	0	0	0	0	0	501	98	0	599	151	0	114	0	265	114	603	0	0	717	1581
% App. Total	0	0	0	0		0	83.6	16.4	0		57	0	43	0		15.9	84.1	0	0		
PHF	.000	.000	.000	.000	.000	.000	.882	.817	.000	.919	.944	.000	.770	.000	.933	.679	.861	.000	.000	.874	.900

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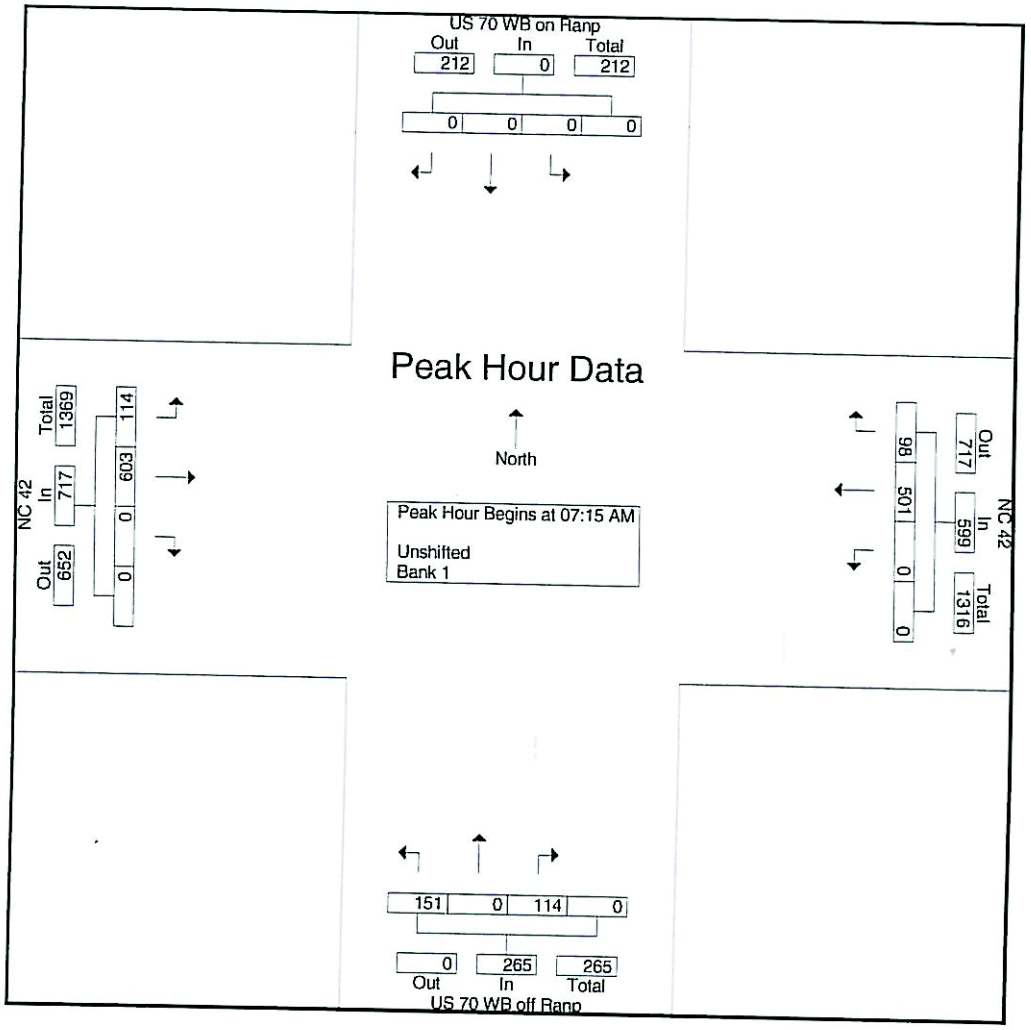

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	US 70 WB on Ramp					NC 42					US 70 WB off Ramp					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	0	0	0	0	**190**	24	0	**214**	54	0	12	0	66	13	**171**	0	0	**184**	464
04:45 PM	0	0	0	0	0	0	180	20	0	200	**69**	0	20	0	**89**	**14**	170	0	0	184	**473**
05:00 PM	0	0	0	0	0	0	180	32	0	212	53	0	19	0	72	9	145	0	0	154	438
05:15 PM	0	0	0	0	0	0	175	**39**	0	214	54	0	**29**	0	83	10	165	0	0	175	472
Total Volume	0	0	0	0	0	0	725	115	0	840	230	0	80	0	310	46	651	0	0	697	1847
% App. Total	0	0	0	0		0	86.3	13.7	0		74.2	0	25.8	0		6.6	93.4	0	0		
PHF	.000	.000	.000	.000	.000	.000	.954	.737	.000	.981	.833	.000	.690	.000	.871	.821	.952	.000	.000	.947	.976

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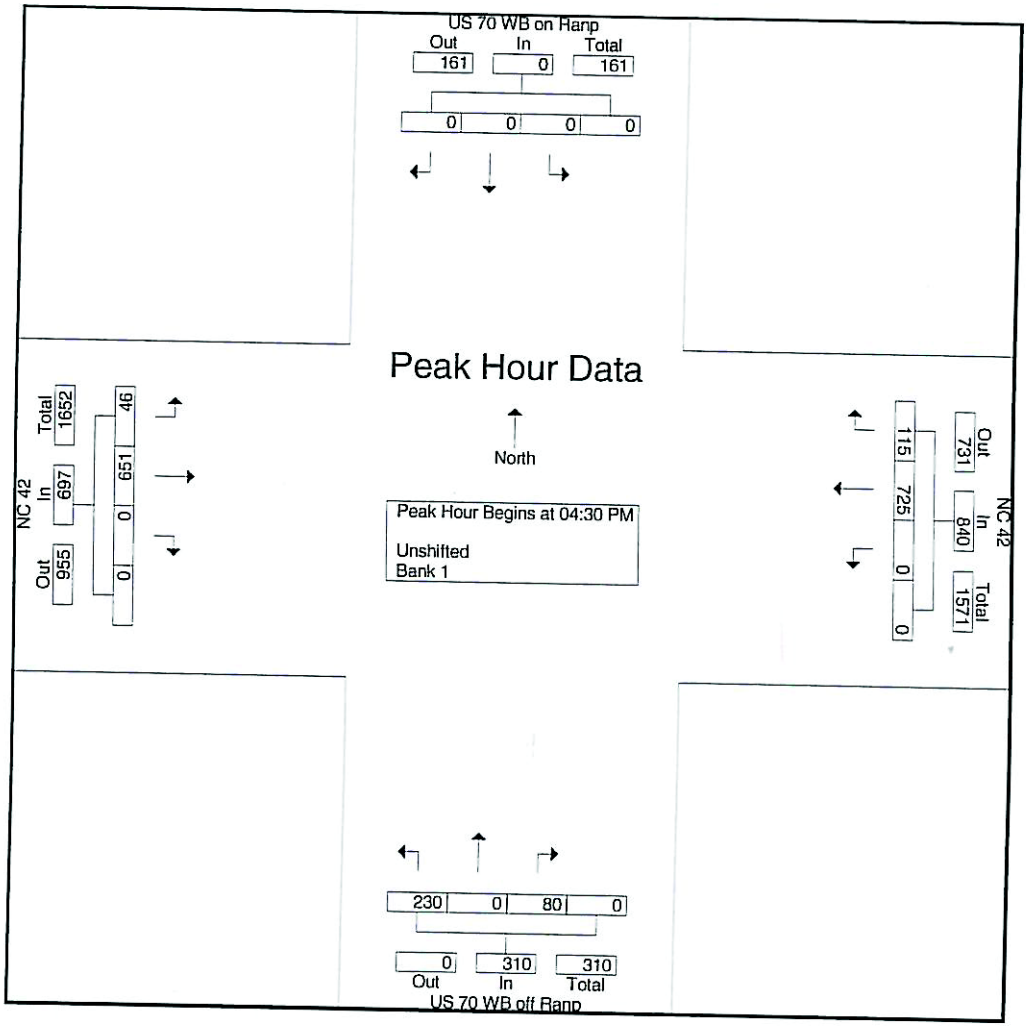
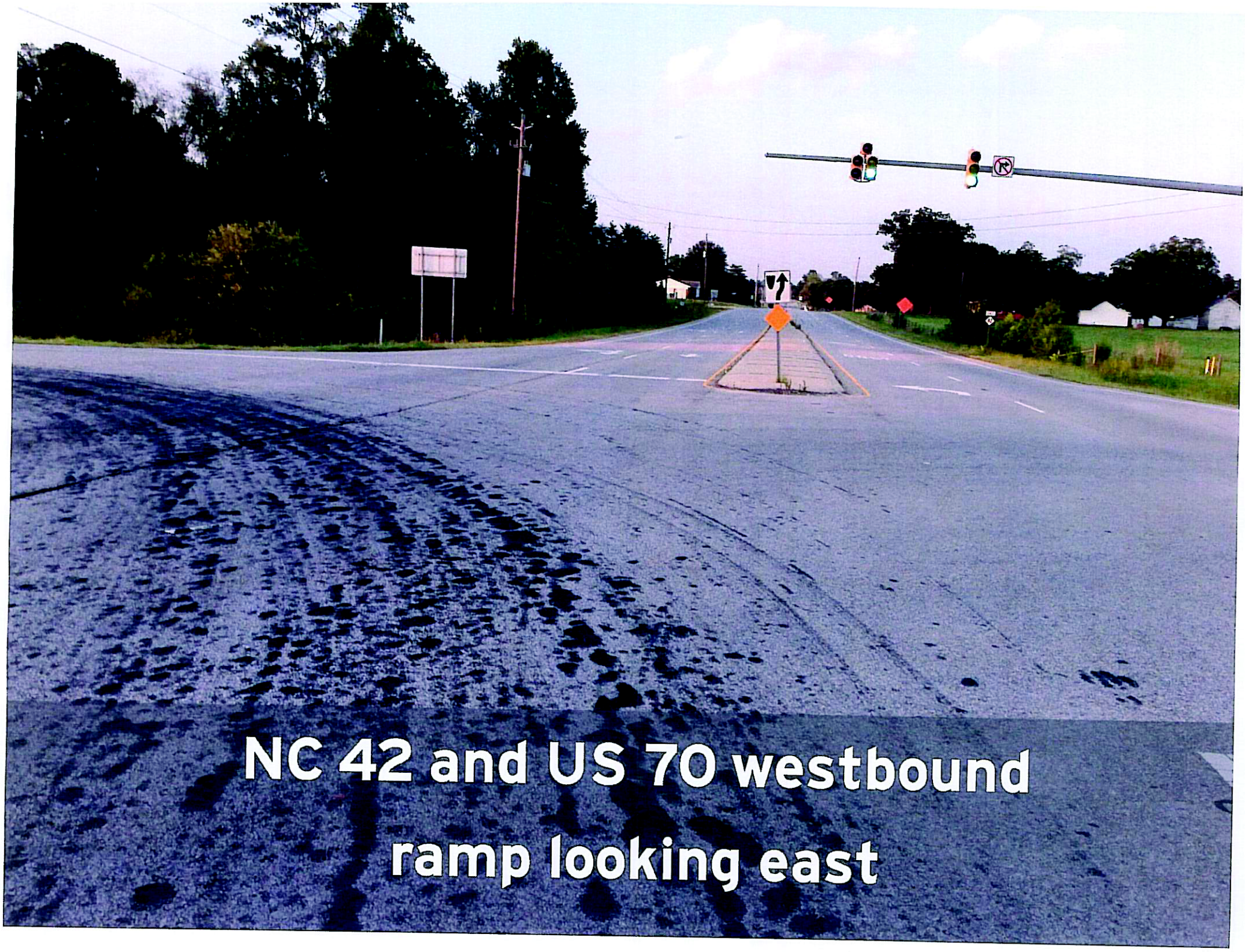
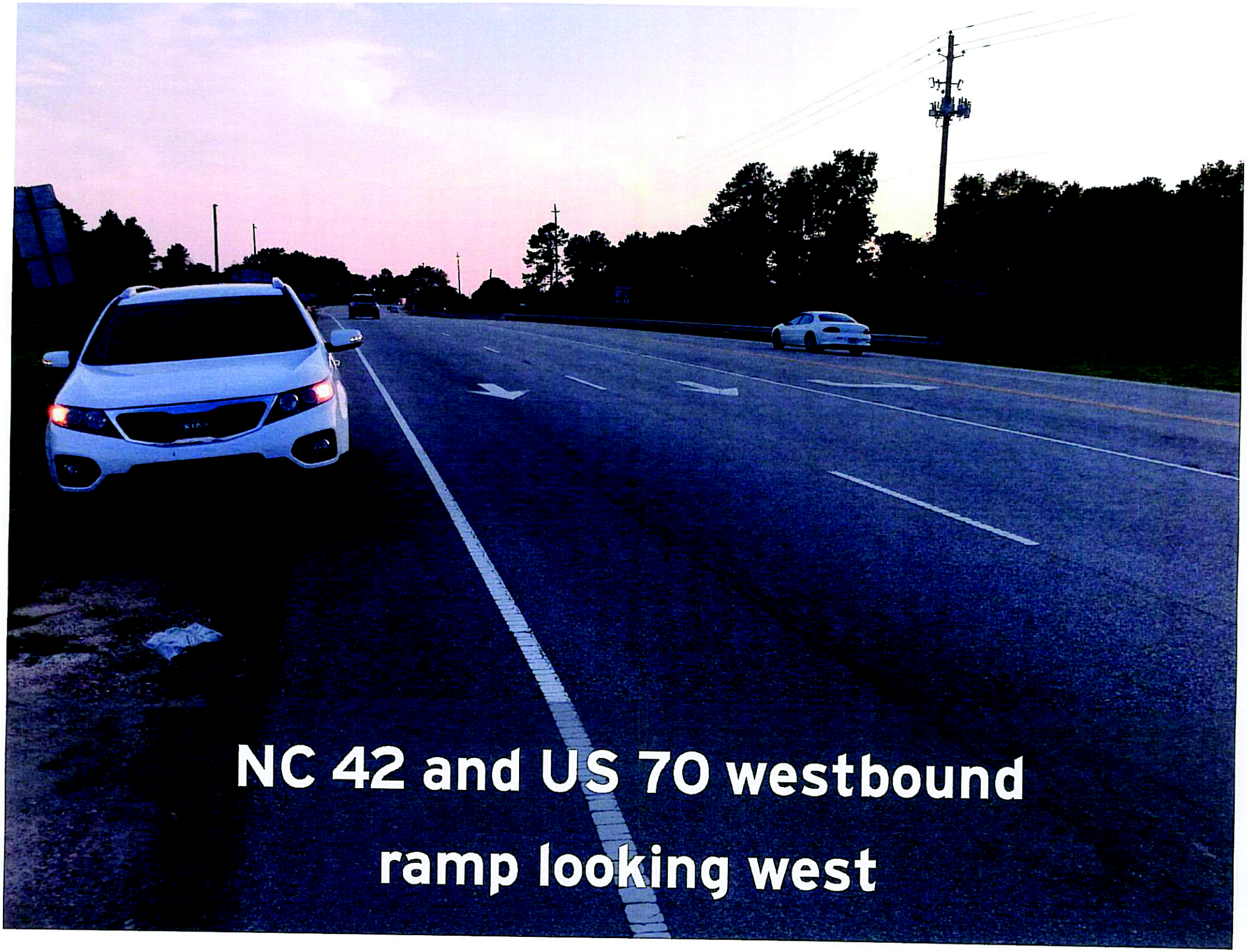




NC 42 and US 70 westbound ramp looking east



NC 42 and US 70 westbound ramp looking west

NC 42 and US 70 westbound
ramp looking south