Wetherill Engineering Inc.
559 Jones Frankin Road, Suite 164
Raleigh NC 27606

Portofino Subdivision, Wilders Township, Johnston County

File Name : PORTOFINO WEEK OF 9-22-14 - 3
Site Code : 00000002
Start Date : 9/17/2014
Page No : 1

Groups Printed- Unshifted - Bank 1

	Motorcycle Rd.					NC 42										NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
07:00 AM	9	0	4	0	13	0	120	1	0	121	0	0	0	0	0	4	76	0	0	80	214
07:15 AM	20	0	4	0	24	0	102	7	0	109	0	0	0	0	0	3	78	0	0	81	214
07:30 AM	14	0	1	0	15	0	128	5	0	133	0	0	0	0	0	3	92	0	0	95	243
07:45 AM	17	0	1	0	18	0	121	7	0	128	0	0	0	0	0	4	74	0	0	78	224
Total	60	0	10	0	70	0	471	20	0	491	0	0	0	0	0	14	320	0	0	334	895
08:00 AM	16	0	5	0	21	0	104	7	0	111	0	0	0	0	0	3	63	0	0	66	198
08:15 AM	20	0	6	0	26	0	96	4	0	100	0	0	0	0	0	5	64	0	0	69	195
08:30 AM	23	0	5	0	28	0	116	6	0	122	0	0	0	0	0	7	68	0	0	75	225
08:45 AM	20	0	6	0	26	0	110	13	0	123	0	0	0	0	0	4	80	0	0	84	233
Total	79	0	22	0	101	0	426	30	0	456	0	0	0	0	0	19	275	0	0	294	851
Grand Total	139	0	32	0	171	0	897	50	0	947	0	0	0	0	0	33	595	0	0	628	1746
Apprch %	81.3	0	18.7	0		0	94.7	5.3	0		0	0	0	0		5.3	94.7	0	0		
Total %	8	0	1.8	0	9.8	0	51.4	2.9	0	54.2	0	0	0	0	0	1.9	34.1	0	0	36	
Unshifted	139	0	32	0	171	0	897	50	0	947	0	0	0	0	0	33	595	0	0	628	1746
% Unshifted	100	0	100	0	100	0	100	100	0	100	0	0	0	0	0	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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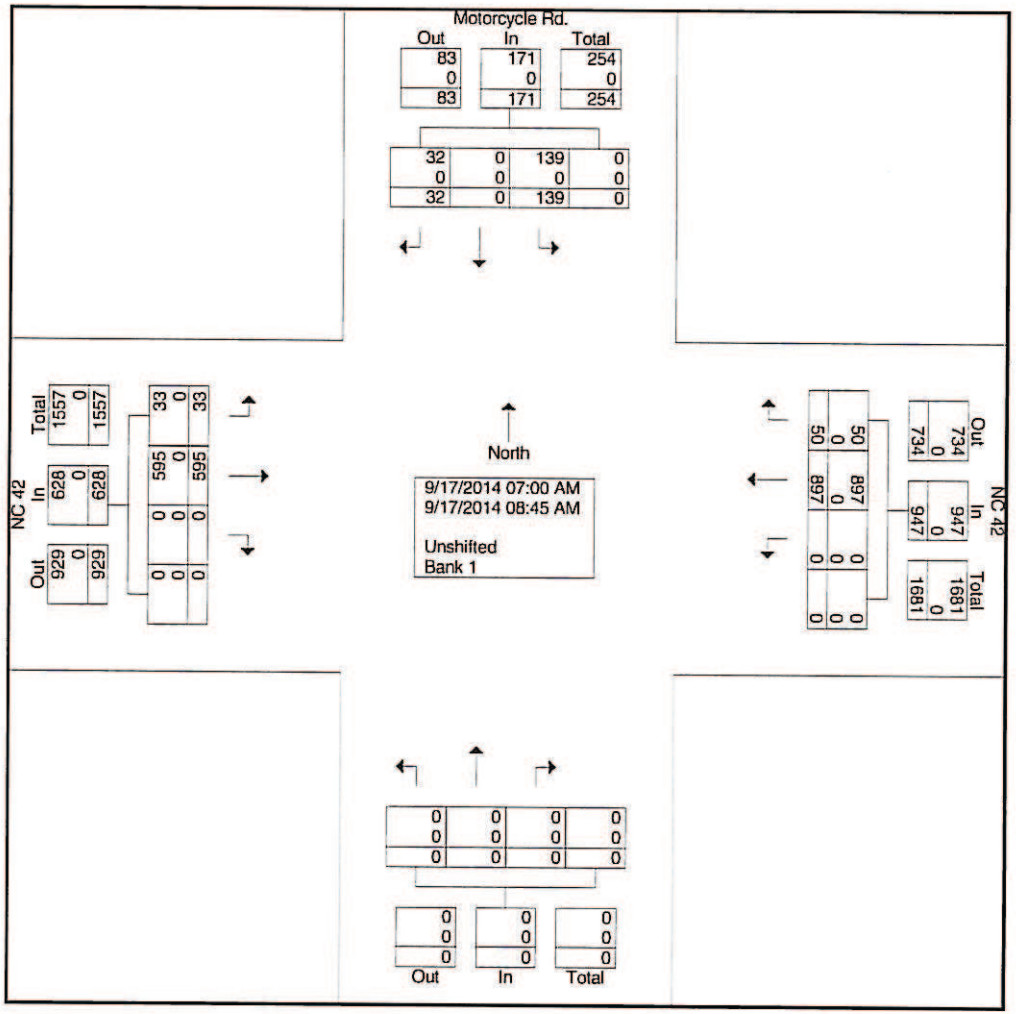
Start Date : 9/17/2014
Page No : 2



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Page No : 4

	Motorcycle Rd.					NC 42										NC 42					
Start Time					App. Total					App. Total					App. Total					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	9	0	4	0	13	0	120	1	0	121	0	0	0	0	0	4	76	0	0	80	214
07:15 AM	20	0	4	0	24	0	102	7	0	109	0	0	0	0	0	3	78	0	0	81	214
07:30 AM	14	0	1	0	15	0	128	5	0	133	0	0	0	0	0	3	92	0	0	95	243
07:45 AM	17	0	1	0	18	0	121	7	0	128	0	0	0	0	0	4	74	0	0	78	224
Total Volume	60	0	10	0	70	0	471	20	0	491	0	0	0	0	0	14	320	0	0	334	895
% App. Total	85.7	0	14.3	0		0	95.9	4.1	0		0	0	0	0		4.2	95.8	0	0		
PHF	.750	.000	.625	.000	.729	.000	.920	.714	.000	.923	.000	.000	.000	.000	.000	.875	.870	.000	.000	.879	.921

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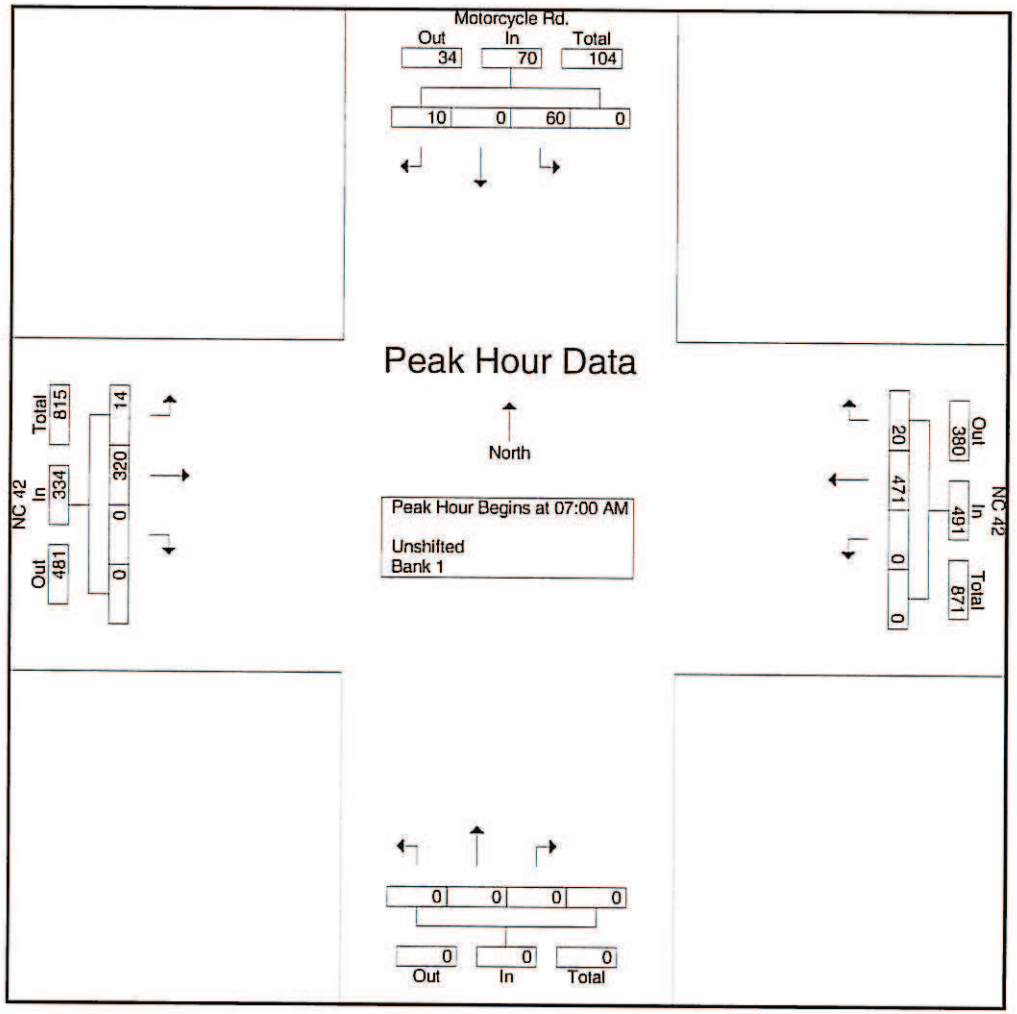
Start Date : 9/17/2014
Page No : 5



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File Name : PORTOFINO WEEK OF 9-22-14 - 4
Site Code : 00000002
Start Date : 9/17/2014
Page No : 1

Groups Printed- Unshifted - Bank 1

	Motocycle Rd					NC 42										NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
04:00 PM	12	0	6	0	18	0	111	17	0	128	0	0	0	0	0	2	122	0	0	124	270
04:15 PM	9	0	2	0	11	0	108	13	0	121	0	0	0	0	0	8	125	0	0	133	265
04:30 PM	7	0	7	0	14	0	96	12	0	108	0	0	0	0	0	2	149	0	0	151	273
04:45 PM	7	0	3	0	10	0	100	16	0	116	0	0	0	0	0	4	133	0	0	137	263
Total	35	0	18	0	53	0	415	58	0	473	0	0	0	0	0	16	529	0	0	545	1071
05:00 PM	4	0	9	0	13	0	92	21	0	113	0	0	0	0	0	1	152	0	0	153	279
05:15 PM	9	0	7	0	16	0	117	18	0	135	0	0	0	0	0	3	189	0	0	192	343
05:30 PM	6	0	9	0	15	0	132	26	0	158	0	0	0	0	0	2	141	0	0	143	316
05:45 PM	6	0	10	0	16	0	119	25	0	144	0	0	0	0	0	4	132	0	0	136	296
Total	25	0	35	0	60	0	460	90	0	550	0	0	0	0	0	10	614	0	0	624	1234
Grand Total	60	0	53	0	113	0	875	148	0	1023	0	0	0	0	0	26	1143	0	0	1169	2305
Apprch %	53.1	0	46.9	0		0	85.5	14.5	0		0	0	0	0		2.2	97.8	0	0		
Total %	2.6	0	2.3	0	4.9	0	38	6.4	0	44.4	0	0	0	0	0	1.1	49.6	0	0	50.7	
Unshifted	60	0	53	0	113	0	875	148	0	1023	0	0	0	0	0	26	1143	0	0	1169	2305
% Unshifted	100	0	100	0	100	0	100	100	0	100	0	0	0	0	0	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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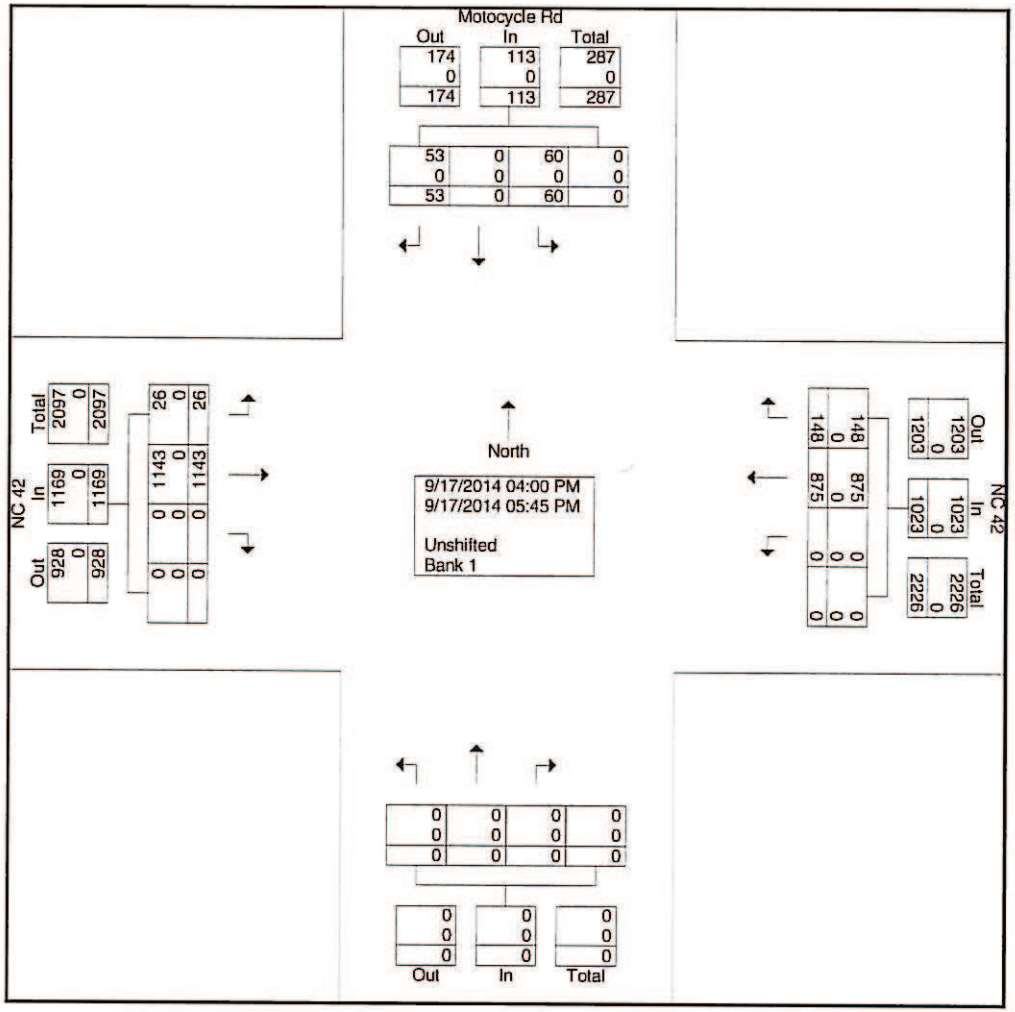
Page No : 2



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	Motocycle Rd					NC 42										NC 42					
Start Time					App. Total					App. Total					App. Total					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	4	0	9	0	13	0	92	21	0	113	0	0	0	0	0	1	152	0	0	153	279
05:15 PM	9	0	7	0	16	0	117	18	0	135	0	0	0	0	0	3	189	0	0	192	343
05:30 PM	6	0	9	0	15	0	132	26	0	158	0	0	0	0	0	2	141	0	0	143	316
05:45 PM	6	0	10	0	16	0	119	25	0	144	0	0	0	0	0	4	132	0	0	136	296
Total Volume	25	0	35	0	60	0	460	90	0	550	0	0	0	0	0	10	614	0	0	624	1234
% App. Total	41.7	0	58.3	0		0	83.6	16.4	0		0	0	0	0		1.6	98.4	0	0		
PHF	.694	.000	.875	.000	.938	.000	.871	.865	.000	.870	.000	.000	.000	.000	.000	.625	.812	.000	.000	.813	.899

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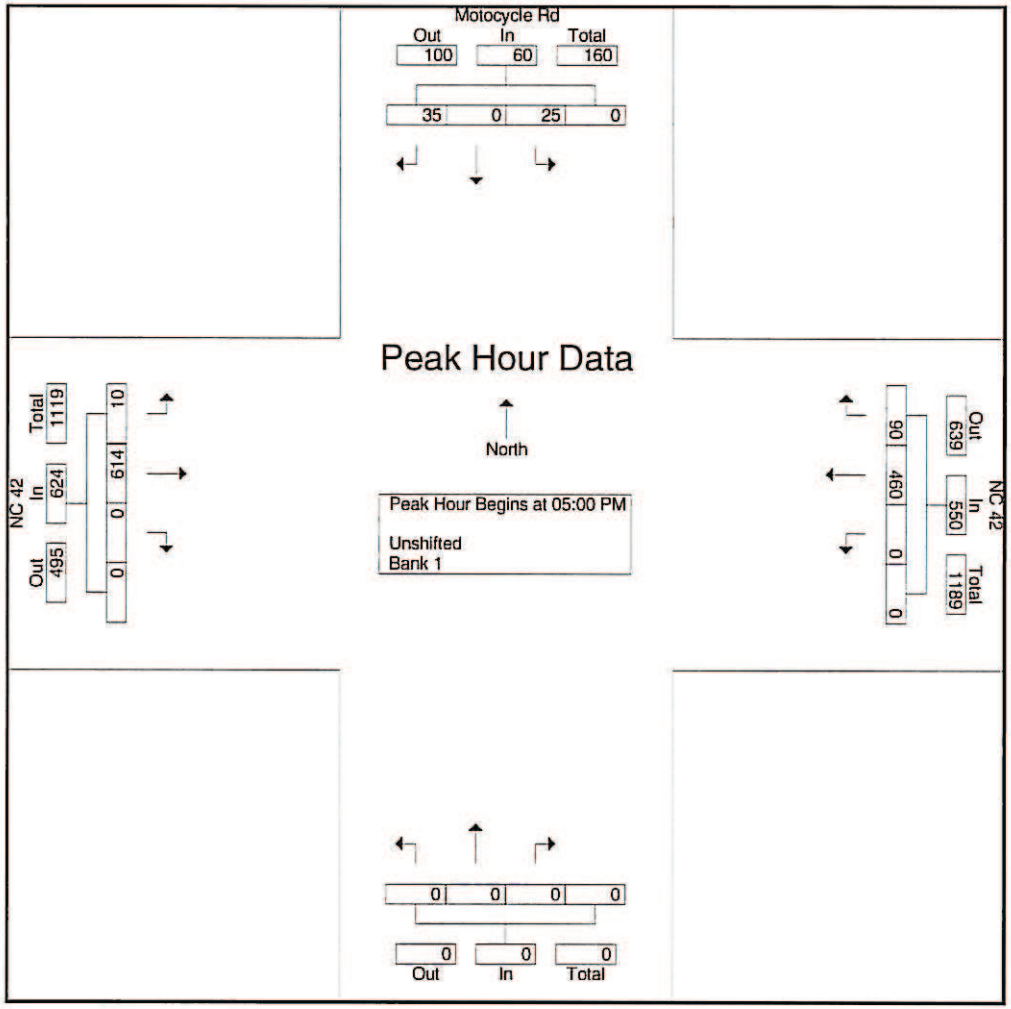
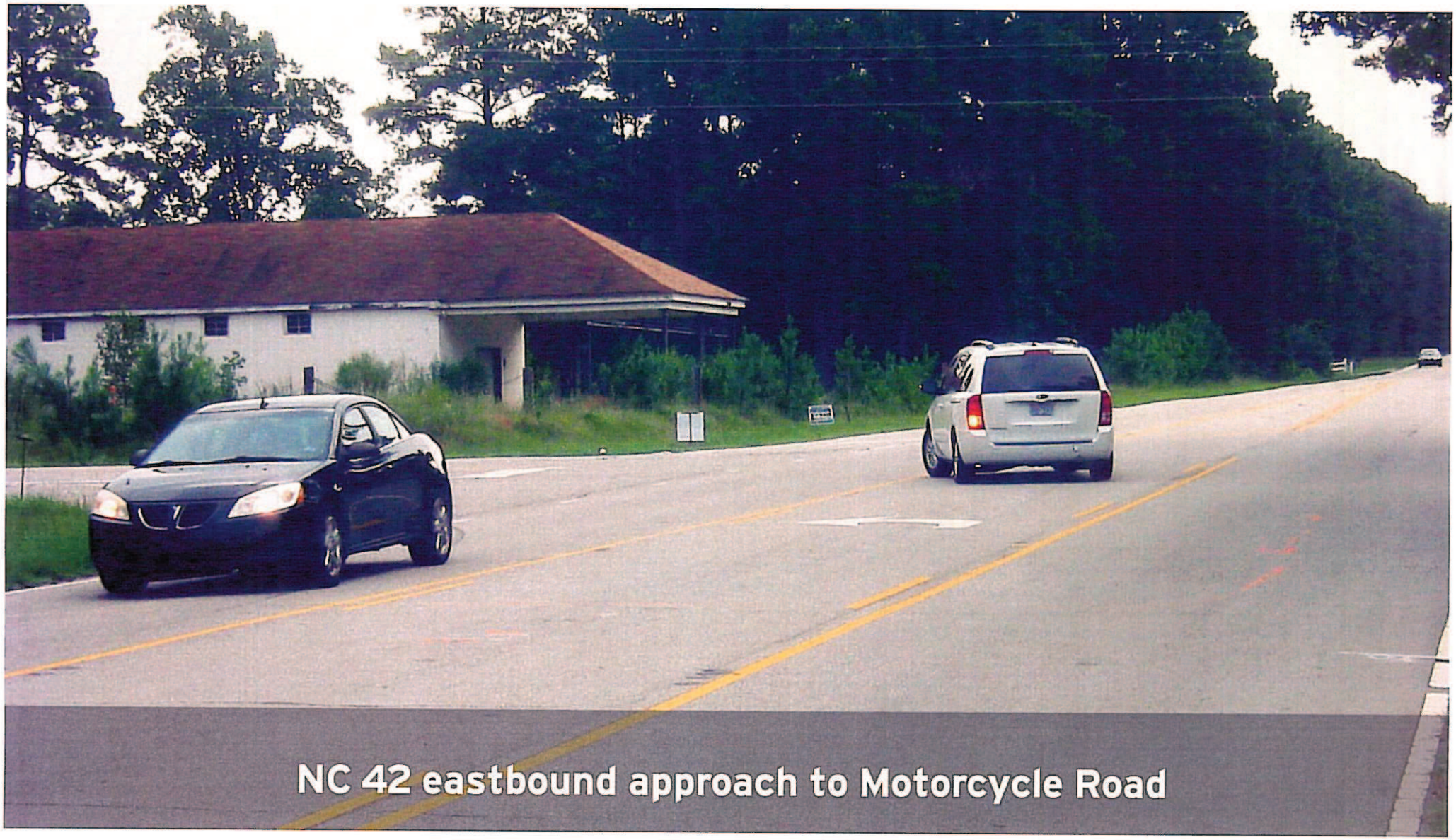
Page No : 5



NC 42 westbound approach to Motorcycle Road



NC 42 eastbound approach to Motorcycle Road

Motorcycle Road southbound approach to NC 42