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 - 7
Site Code : 00000004
Start Date : 9/24/2014
Page No : 1

Groups Printed- Unshifted - Bank 1

						NC 42					Tuscany Dr.					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
07:00 AM	0	0	0	0	0	2	115	0	0	117	10	0	5	0	15	0	61	3	0	64	196
07:15 AM	0	0	0	0	0	5	100	0	0	105	17	0	6	0	23	0	68	6	0	74	202
07:30 AM	0	0	0	0	0	1	109	0	0	110	15	0	8	0	23	0	58	0	0	58	191
07:45 AM	0	0	0	0	0	1	125	0	0	126	19	0	2	0	21	0	66	0	0	66	213
Total	0	0	0	0	0	9	449	0	0	458	61	0	21	0	82	0	253	9	0	262	802
08:00 AM	0	0	0	0	0	3	121	0	0	124	8	0	3	0	11	0	60	4	0	64	199
08:15 AM	0	0	0	0	0	4	100	0	0	104	16	0	4	0	20	0	87	3	0	90	214
08:30 AM	0	0	0	0	0	2	98	0	0	100	22	0	4	0	26	0	74	10	0	84	210
08:45 AM	0	0	0	0	0	4	109	0	0	113	10	0	4	0	14	0	67	12	0	79	206
Total	0	0	0	0	0	13	428	0	0	441	56	0	15	0	71	0	288	29	0	317	829
Grand Total	0	0	0	0	0	22	877	0	0	899	117	0	36	0	153	0	541	38	0	579	1631
Apprch %	0	0	0	0		2.4	97.6	0	0		76.5	0	23.5	0		0	93.4	6.6	0		
Total %	0	0	0	0	0	1.3	53.8	0	0	55.1	7.2	0	2.2	0	9.4	0	33.2	2.3	0	35.5	
Unshifted	0	0	0	0	0	22	877	0	0	899	117	0	36	0	153	0	541	38	0	579	1631
% Unshifted	0	0	0	0	0	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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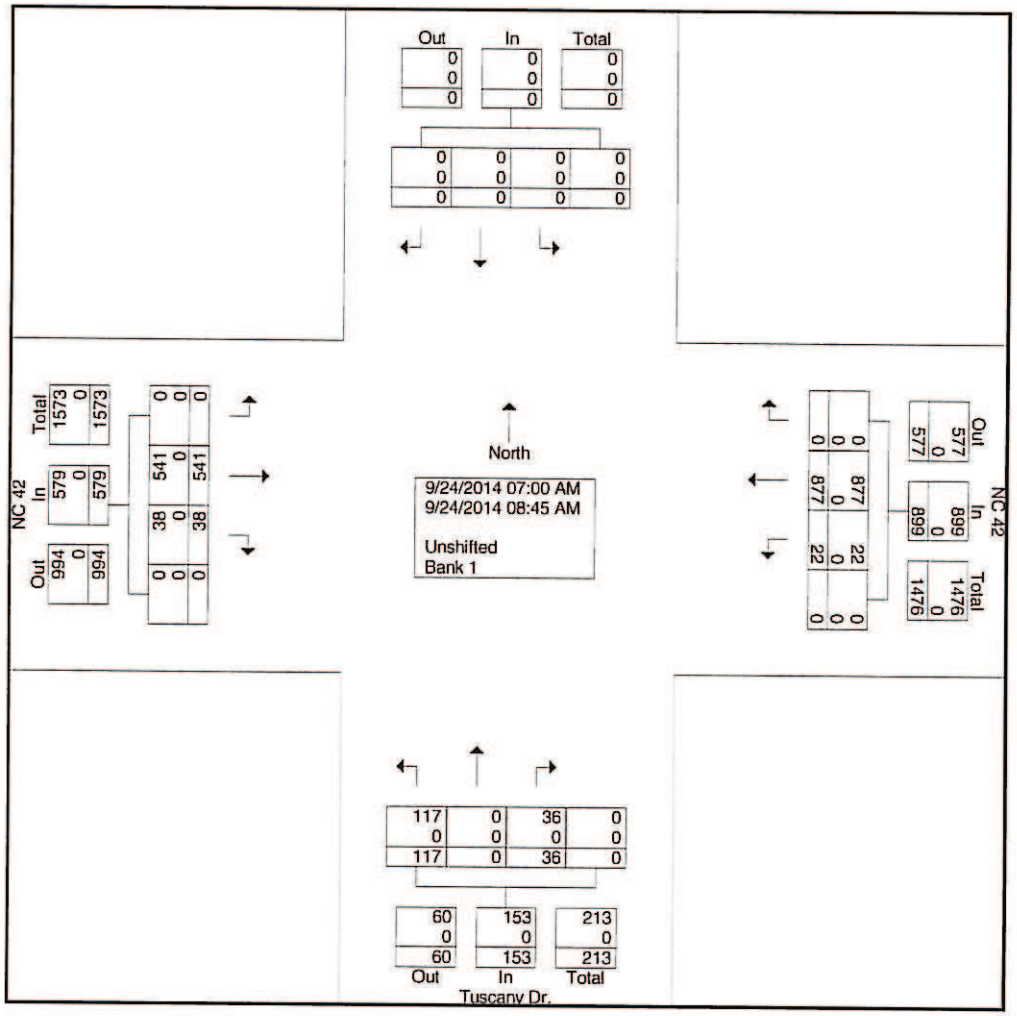

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						NC 42					Tuscany Dr.					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	0	0	0	0	0	1	125	0	0	126	19	0	2	0	21	0	66	0	0	66	213
08:00 AM	0	0	0	0	0	3	121	0	0	124	8	0	3	0	11	0	60	4	0	64	199
08:15 AM	0	0	0	0	0	4	100	0	0	104	16	0	4	0	20	0	87	3	0	90	214
08:30 AM	0	0	0	0	0	2	98	0	0	100	22	0	4	0	26	0	74	10	0	84	210
Total Volume	0	0	0	0	0	10	444	0	0	454	65	0	13	0	78	0	287	17	0	304	836
% App. Total	0	0	0	0		2.2	97.8	0	0		83.3	0	16.7	0		0	94.4	5.6	0		
PHF	.000	.000	.000	.000	.000	.625	.888	.000	.000	.901	.739	.000	.813	.000	.750	.000	.825	.425	.000	.844	.977

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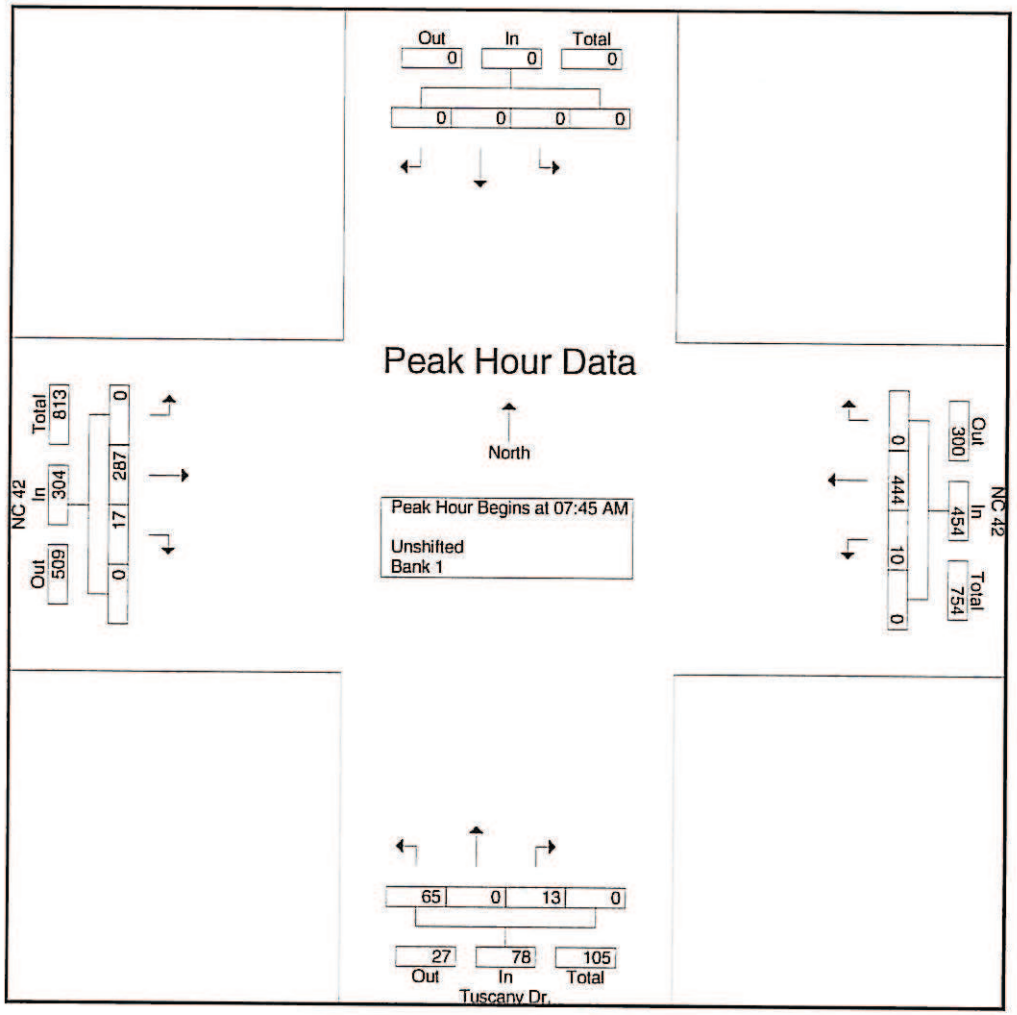
Peak Hour Data



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Groups Printed- Unshifted - Bank 1

	Tuscany Dr.					NC 42					Tuscany Dr.					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
04:00 PM	0	0	0	0	0	11	85	1	0	97	1	0	5	0	6	0	82	10	0	92	195
04:15 PM	0	0	0	0	0	4	98	0	0	102	3	0	5	0	8	0	113	10	0	123	233
04:30 PM	0	0	0	0	0	6	83	0	0	89	11	0	0	0	11	0	124	14	0	138	238
04:45 PM	0	0	0	0	0	1	93	0	0	94	10	0	2	0	12	0	144	14	0	158	264
Total	0	0	0	0	0	22	359	1	0	382	25	0	12	0	37	0	463	48	0	511	930
05:00 PM	0	0	0	0	0	6	82	0	0	88	5	0	2	1	8	0	139	11	0	150	246
05:15 PM	0	0	0	0	0	9	125	0	0	134	6	0	1	0	7	0	137	7	0	144	285
05:30 PM	0	0	0	0	0	7	105	0	0	112	9	0	4	0	13	0	142	17	0	159	284
05:45 PM	0	0	0	0	0	6	98	0	0	104	8	0	3	0	11	0	135	12	0	147	262
Total	0	0	0	0	0	28	410	0	0	438	28	0	10	1	39	0	553	47	0	600	1077
Grand Total	0	0	0	0	0	50	769	1	0	820	53	0	22	1	76	0	1016	95	0	1111	2007
Apprch %	0	0	0	0		6.1	93.8	0.1	0		69.7	0	28.9	1.3		0	91.4	8.6	0		
Total %	0	0	0	0	0	2.5	38.3	0	0	40.9	2.6	0	1.1	0	3.8	0	50.6	4.7	0	55.4	
Unshifted	0	0	0	0	0	50	769	1	0	820	53	0	22	1	76	0	1016	95	0	1111	2007
% Unshifted	0	0	0	0	0	100	100	100	0	100	100	0	100	100	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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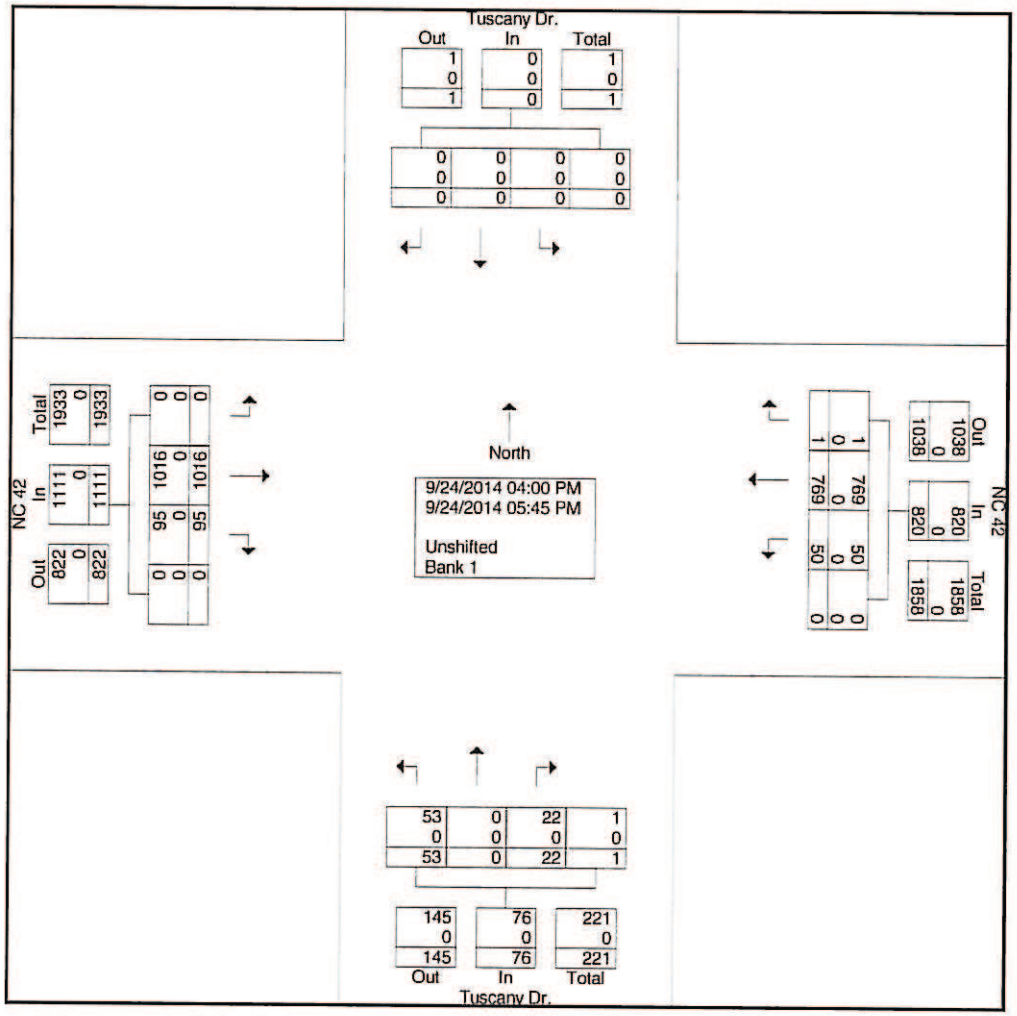

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	Tuscany Dr.					NC 42					Tuscany Dr.					NC 42					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	0	0	0	0	1	93	0	0	94	10	0	2	0	12	0	144	14	0	158	264
05:00 PM	0	0	0	0	0	6	82	0	0	88	5	0	2	1	8	0	139	11	0	150	246
05:15 PM	0	0	0	0	0	9	125	0	0	134	6	0	1	0	7	0	137	7	0	144	285
05:30 PM	0	0	0	0	0	7	105	0	0	112	9	0	4	0	13	0	142	17	0	159	284
Total Volume	0	0	0	0	0	23	405	0	0	428	30	0	9	1	40	0	562	49	0	611	1079
% App. Total	0	0	0	0		5.4	94.6	0	0		75	0	22.5	2.5		0	92	8	0		
PHF	.000	.000	.000	.000	.000	.639	.810	.000	.000	.799	.750	.000	.563	.250	.769	.000	.976	.721	.000	.961	.946

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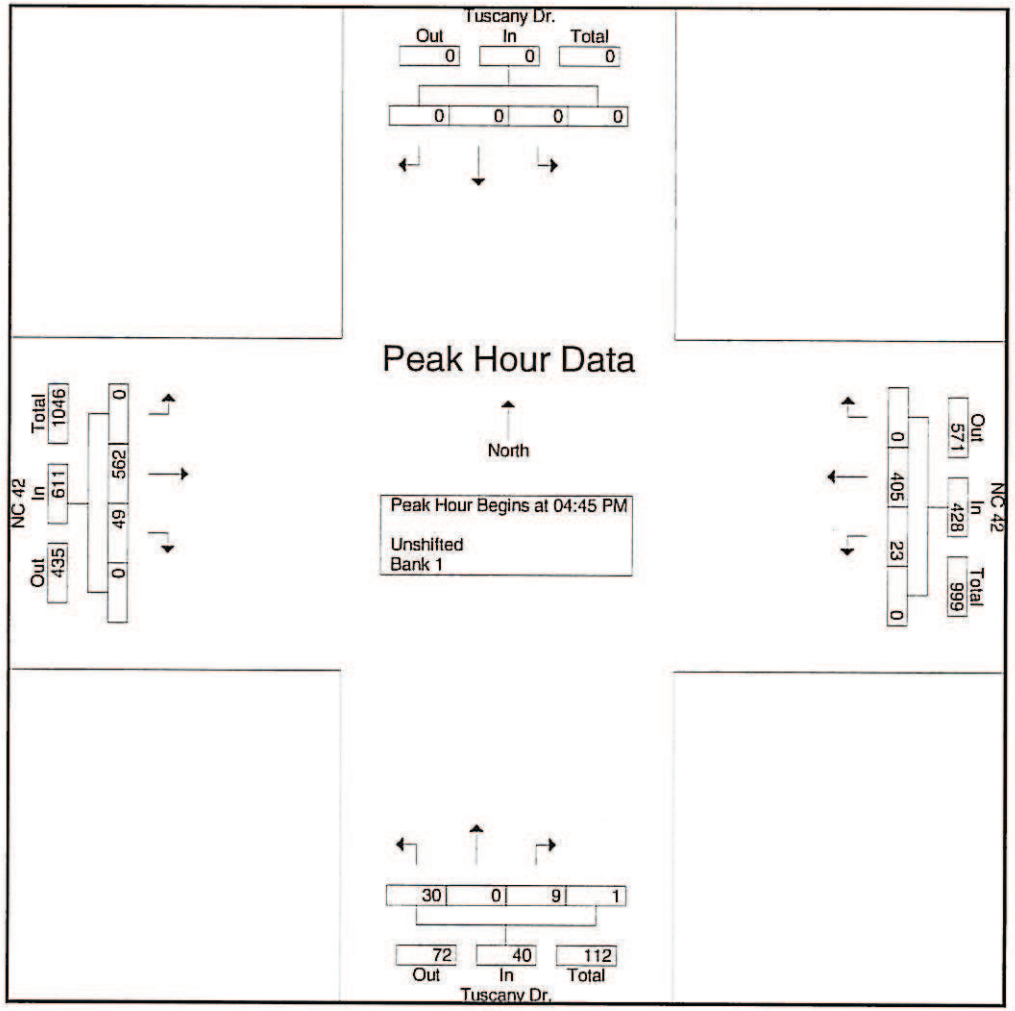
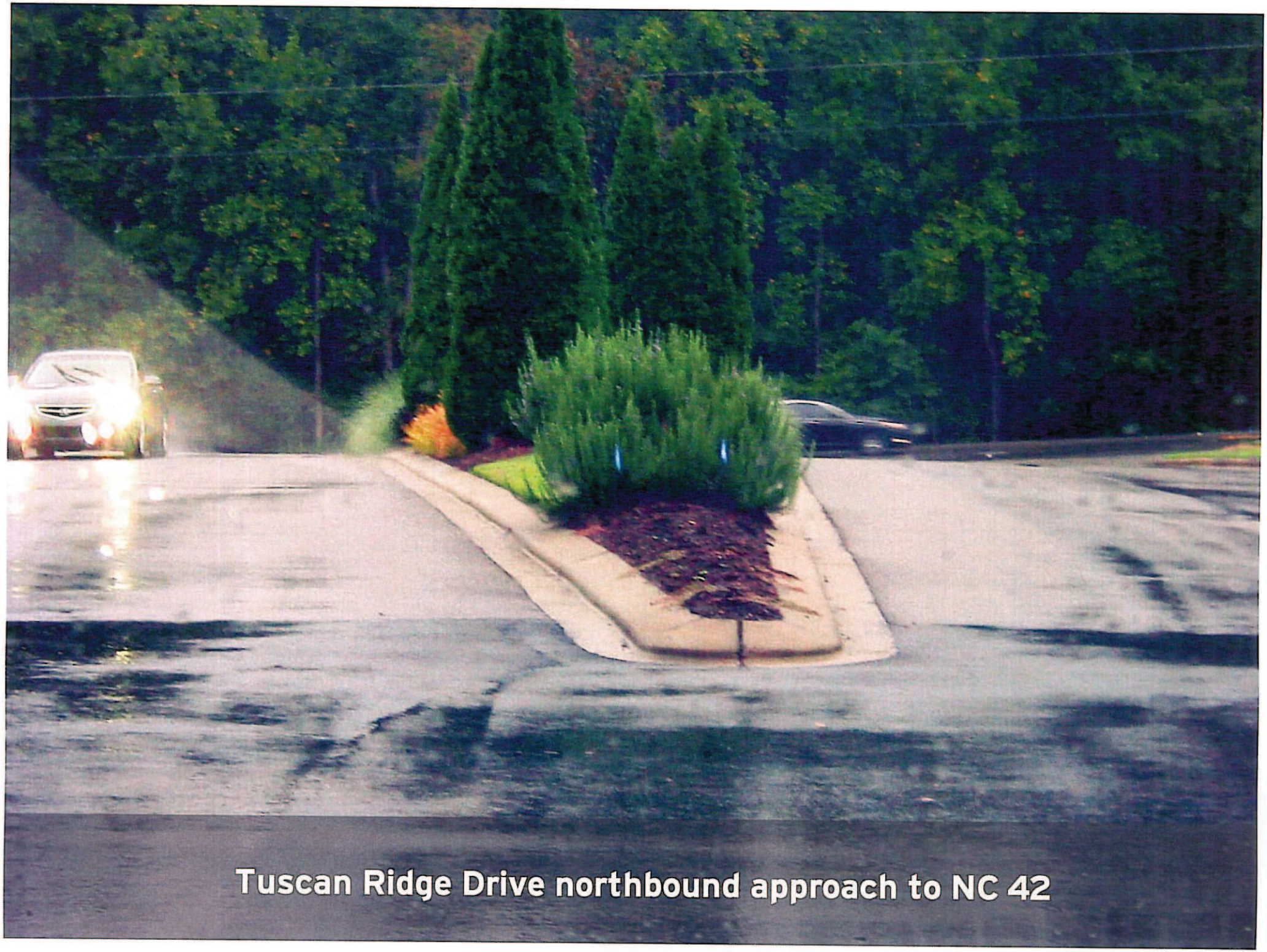


NC 42 eastbound approach to Tuscan Ridge Drive

NC 42 westbound approach to Tuscan Ridge Drive



Tuscan Ridge Drive northbound approach to NC 42