Wetherill Engineering Inc.

559 Jones Frankin Road, Suite 164
Raleigh NC 27606

Jones Tract Subdivision
SR 1010, Johnston County,North Carolina
Barber Mill & SR 1010

File Name : barb mill rd
Site Code : 00011111
Start Date : 9/8/2015
Page No : 1

Groups Printed- Unshifted - Bank 1

	Barber Mill Road					SR 1010										SR 1010					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
07:00 AM	14	0	33	0	47	0	57	36	1	94	0	0	0	0	0	92	48	0	0	140	281
07:15 AM	10	0	38	0	48	0	63	35	0	98	0	0	0	0	0	87	61	0	0	148	294
07:30 AM	4	0	39	0	43	1	57	31	0	89	0	0	0	0	0	92	55	0	0	147	279
07:45 AM	6	0	53	0	59	0	60	23	0	83	0	0	0	0	0	85	44	0	0	129	271
Total	34	0	163	0	197	1	237	125	1	364	0	0	0	0	0	356	208	0	0	564	1125
08:00 AM	8	0	58	0	66	0	64	24	0	88	0	0	0	0	0	72	47	0	0	119	273
08:15 AM	13	0	91	0	104	0	98	18	0	116	0	0	0	0	0	52	40	0	0	92	312
08:30 AM	15	0	67	0	82	0	86	24	0	110	0	0	0	0	0	80	65	0	0	145	337
08:45 AM	7	0	50	0	57	0	34	26	0	60	0	0	0	0	0	82	73	0	0	155	272
Total	43	0	266	0	309	0	282	92	0	374	0	0	0	0	0	286	225	0	0	511	1194
*** BREAK ***																					
04:00 PM	22	0	49	0	71	0	51	11	0	62	0	0	0	0	0	45	74	0	0	119	252
04:15 PM	19	0	61	0	80	0	39	19	0	58	0	0	0	0	0	67	67	4	0	138	276
04:30 PM	27	0	75	0	102	0	46	14	0	60	0	0	0	0	0	53	60	0	0	113	275
04:45 PM	34	0	82	1	117	0	66	22	0	88	0	0	0	0	0	51	60	0	0	111	316
Total	102	0	267	1	370	0	202	66	0	268	0	0	0	0	0	216	261	4	0	481	1119
05:00 PM	28	0	91	0	119	0	66	15	0	81	0	0	0	0	0	58	63	0	0	121	321
05:15 PM	25	0	99	0	124	0	90	17	0	107	0	0	0	0	0	50	72	0	0	122	353
05:30 PM	30	0	102	0	132	0	71	10	0	81	0	0	0	0	0	67	83	0	0	150	363
05:45 PM	30	1	92	0	123	0	69	34	0	103	0	0	0	0	0	51	79	0	0	130	356
Total	113	1	384	0	498	0	296	76	0	372	0	0	0	0	0	226	297	0	0	523	1393
Grand Total	292	1	1080	1	1374	1	1017	359	1	1378	0	0	0	0	0	1084	991	4	0	2079	4831
Apprch %	21.3	0.1	78.6	0.1		0.1	73.8	26.1	0.1		0	0	0	0		52.1	47.7	0.2	0		
Total %	6	0	22.4	0	28.4	0	21.1	7.4	0	28.5	0	0	0	0	0	22.4	20.5	0.1	0	43	
Unshifted	292	1	1080	1	1374	1	1017	359	1	1378	0	0	0	0	0	1084	991	4	0	2079	4831
% Unshifted	100	100	100	100	100	100	100	100	100	100	0	0	0	0	0	100	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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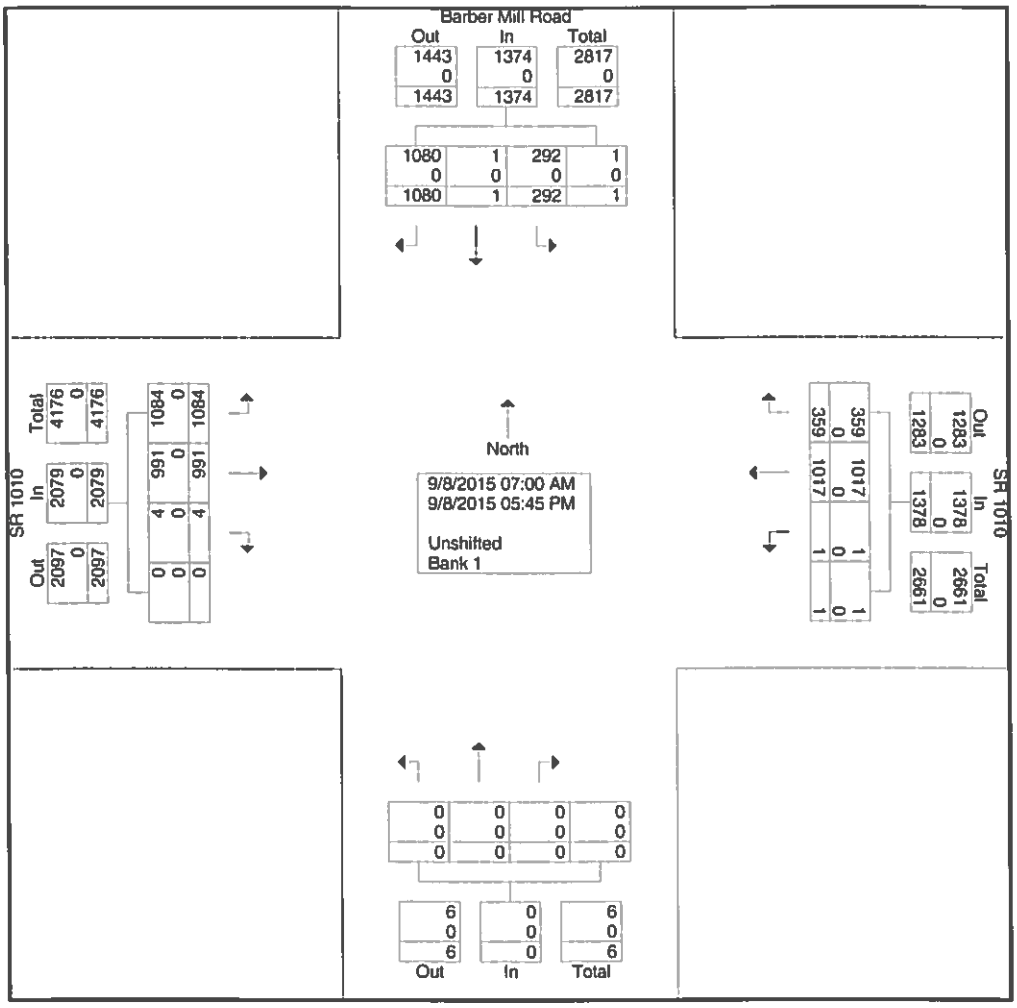

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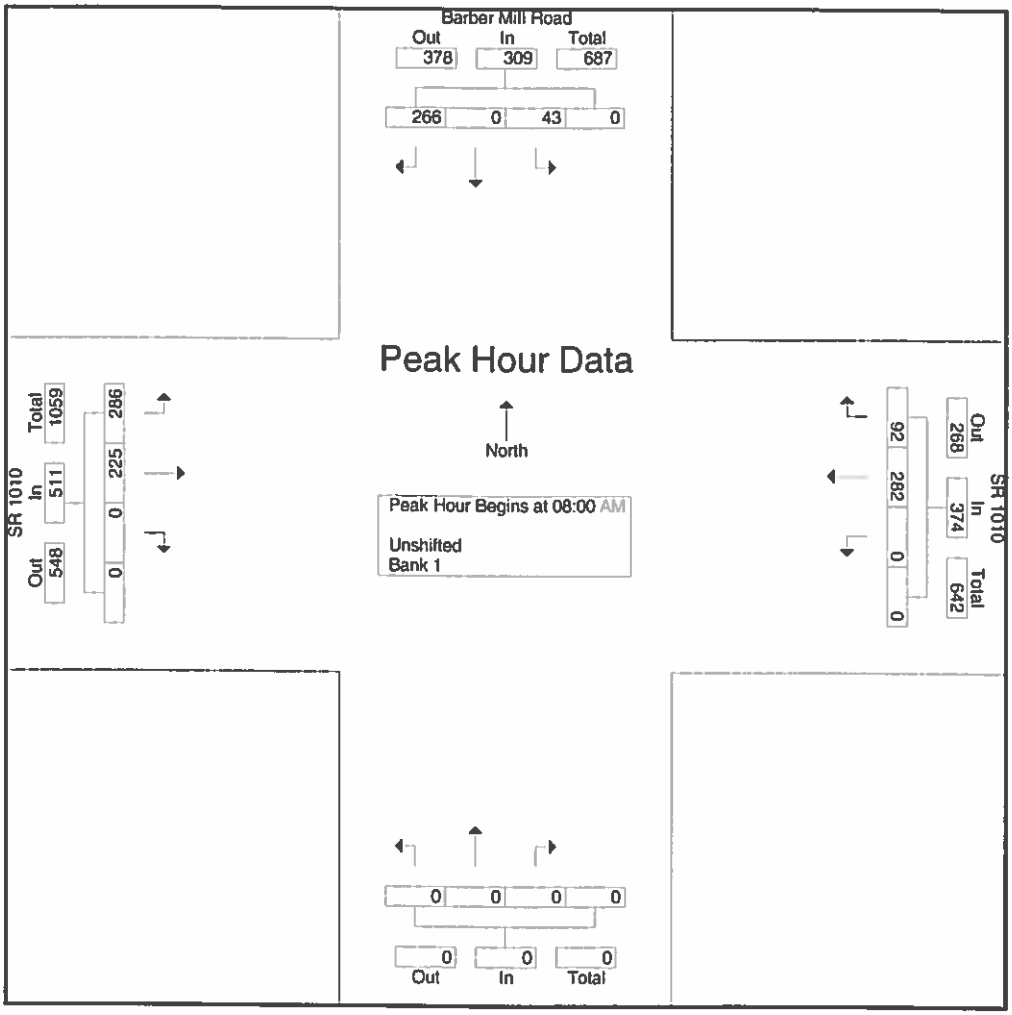
	Barber Mill Road					SR 1010										SR 1010					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	8	0	58	0	66	0	64	24	0	88	0	0	0	0	0	72	47	0	0	119	273
08:15 AM	13	0	91	0	104	0	98	18	0	116	0	0	0	0	0	52	40	0	0	92	312
08:30 AM	15	0	67	0	82	0	86	24	0	110	0	0	0	0	0	80	65	0	0	145	337
08:45 AM	7	0	50	0	57	0	34	26	0	60	0	0	0	0	0	82	73	0	0	155	272
Total Volume	43	0	266	0	309	0	282	92	0	374	0	0	0	0	0	286	225	0	0	511	1194
% App. Total	13.9	0	86.1	0		0	75.4	24.6	0		0	0	0	0		56	44	0	0		
PHF	.717	.000	.731	.000	.743	.000	.719	.885	.000	.806	.000	.000	.000	.000	.000	.872	.771	.000	.000	.824	.886



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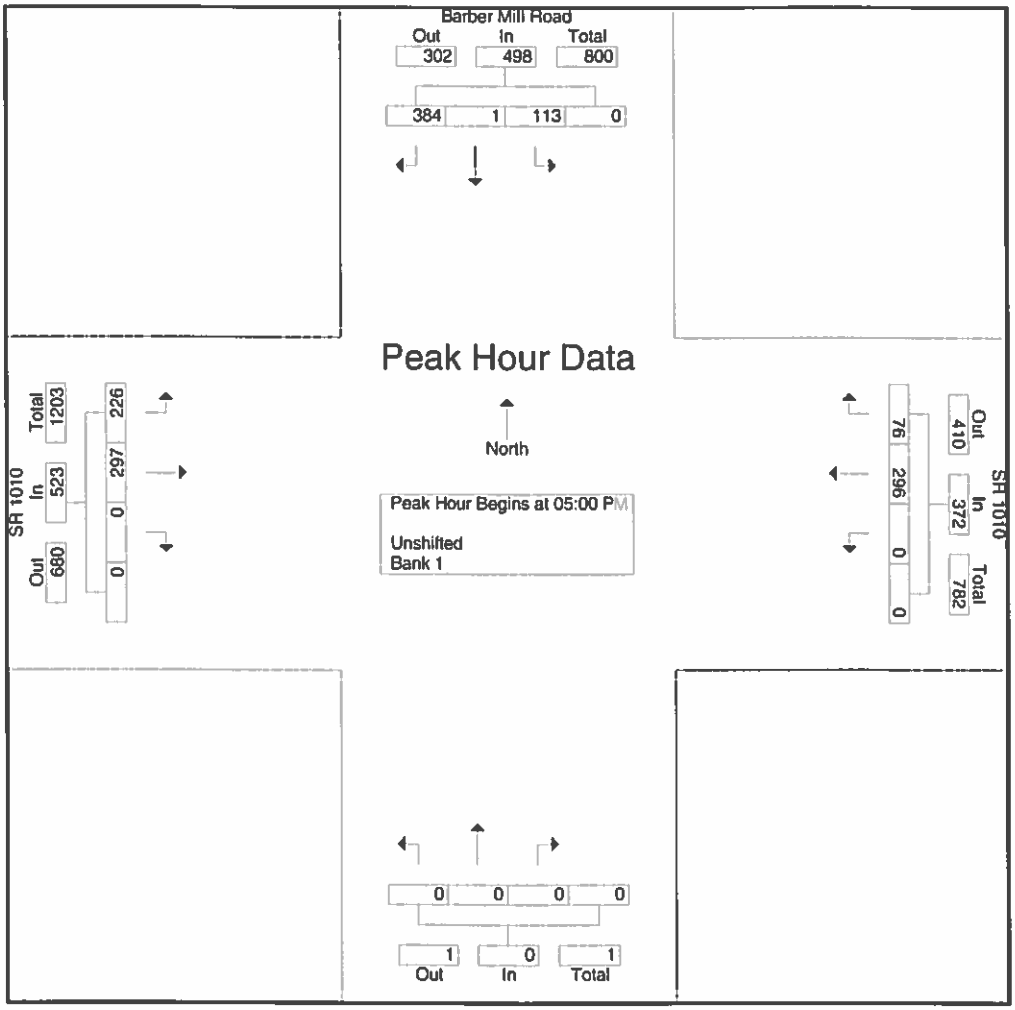
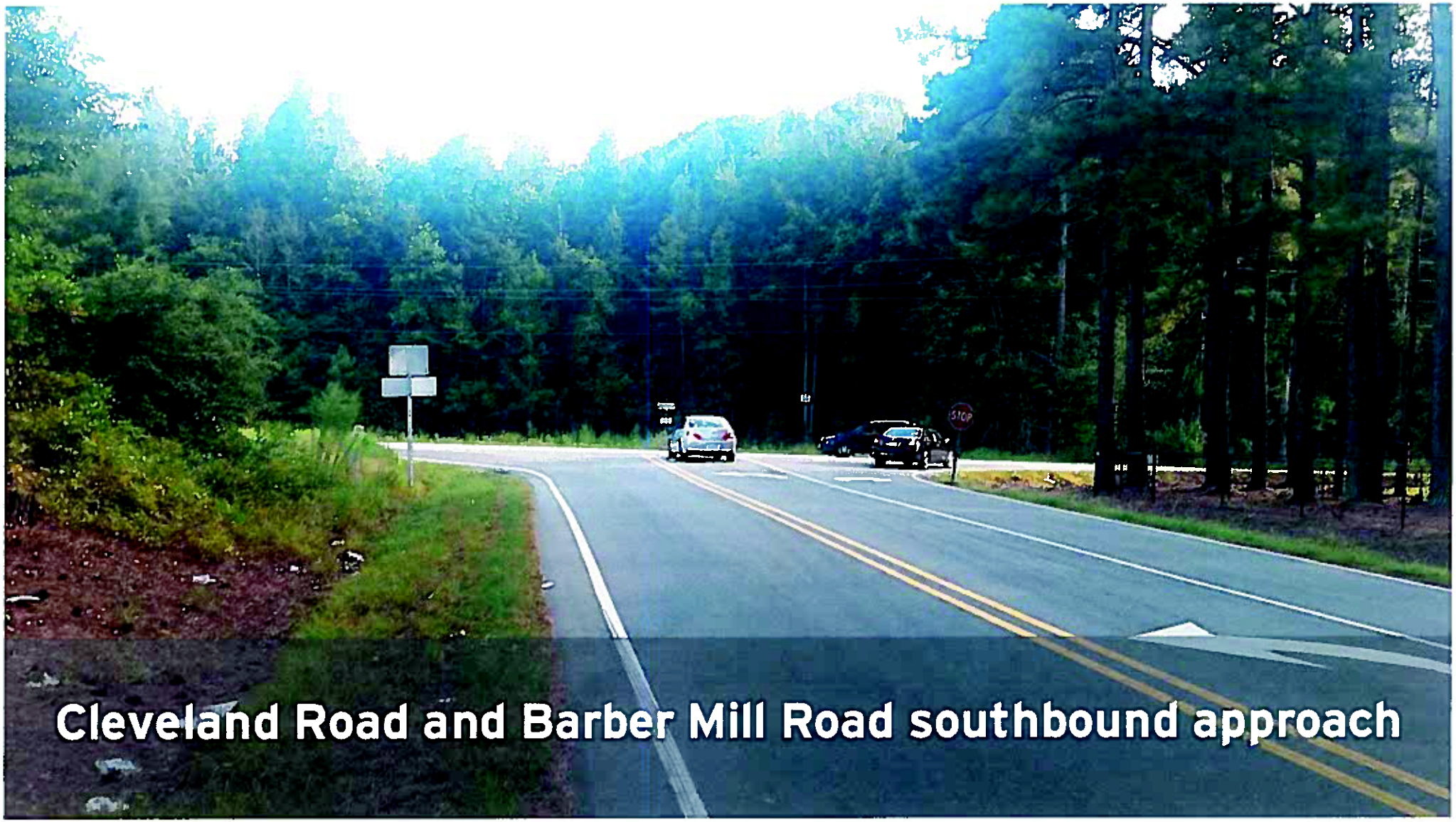
	Barber Mill Road					SR 1010										SR 1010					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	28	0	91	0	119	0	66	15	0	81	0	0	0	0	0	58	63	0	0	121	321
05:15 PM	25	0	99	0	124	0	90	17	0	107	0	0	0	0	0	50	72	0	0	122	353
05:30 PM	30	0	102	0	132	0	71	10	0	81	0	0	0	0	0	67	83	0	0	150	363
05:45 PM	30	1	92	0	123	0	69	34	0	103	0	0	0	0	0	51	79	0	0	130	356
Total Volume	113	1	384	0	498	0	296	76	0	372	0	0	0	0	0	226	297	0	0	523	1393
% App. Total	22.7	0.2	77.1	0		0	79.6	20.4	0		0	0	0	0		43.2	56.8	0	0		
PHF	.942	.250	.941	.000	.943	.000	.822	.559	.000	.869	.000	.000	.000	.000	.000	.843	.895	.000	.000	.872	.959



Cleveland Road and Barber Mill Road eastbound approach

Cleveland Road and Barber Mill Road westbound approach



Cleveland Road and Barber Mill Road southbound approach