Wetherill Engineering Inc.

559 Jones Frankin Road, Suite 164
Raleigh NC 27606

Summerwind Plantation, Glen Road, Johnston County

File Name : GLENSR1010AM
Site Code : 00000002
Start Date : 9/10/2014
Page No : 1

Groups Printed- Unshifted - Bank 1

	Glen Road					SR 1010 Cleveland Rd.										SR 1010 Cleveland Rd.					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
07:00 AM	1	0	11	0	12	0	58	6	0	64	0	0	0	0	0	24	42	0	0	66	142
07:15 AM	4	0	9	0	13	0	42	2	0	44	0	0	0	0	0	14	40	0	0	54	111
07:30 AM	1	0	8	0	9	0	32	11	0	43	0	0	0	0	0	21	43	0	0	64	116
07:45 AM	3	0	11	0	14	0	43	5	0	48	0	0	0	0	0	26	41	0	0	67	129
Total	9	0	39	0	48	0	175	24	0	199	0	0	0	0	0	85	166	0	0	251	498
08:00 AM	3	0	16	0	19	0	44	9	0	53	0	0	0	0	0	11	41	0	0	52	124
08:15 AM	7	0	17	0	24	0	60	13	0	73	0	0	0	0	0	24	57	0	0	81	178
08:30 AM	4	0	13	0	17	0	70	9	0	79	0	0	0	0	0	14	44	0	0	58	154
08:45 AM	6	0	17	0	23	0	68	9	0	77	0	0	0	0	0	16	40	0	0	56	156
Total	20	0	63	0	83	0	242	40	0	282	0	0	0	0	0	65	182	0	0	247	612
Grand Total	29	0	102	0	131	0	417	64	0	481	0	0	0	0	0	150	348	0	0	498	1110
Apprch %	22.1	0	77.9	0		0	86.7	13.3	0		0	0	0	0		30.1	69.9	0	0		
Total %	2.6	0	9.2	0	11.8	0	37.6	5.8	0	43.3	0	0	0	0	0	13.5	31.4	0	0	44.9	
Unshifted	29	0	102	0	131	0	417	64	0	481	0	0	0	0	0	150	348	0	0	498	1110
% 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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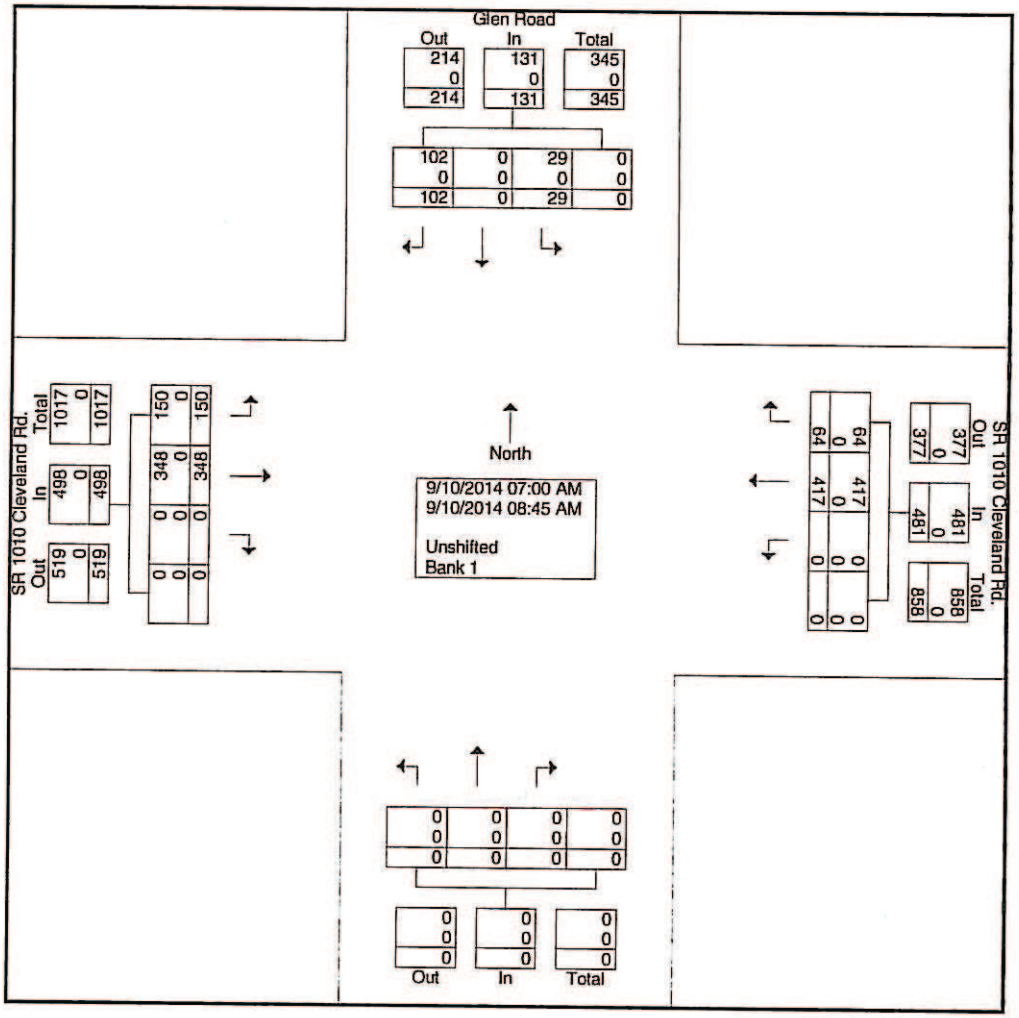

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Start Date : 9/10/2014
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	Glen Road					SR 1010 Cleveland Rd.										SR 1010 Cleveland Rd.					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	3	0	16	0	19	0	44	9	0	53	0	0	0	0	0	11	41	0	0	52	124
08:15 AM	7	0	17	0	24	0	60	13	0	73	0	0	0	0	0	24	57	0	0	81	178
08:30 AM	4	0	13	0	17	0	70	9	0	79	0	0	0	0	0	14	44	0	0	58	154
08:45 AM	6	0	17	0	23	0	68	9	0	77	0	0	0	0	0	16	40	0	0	56	156
Total Volume	20	0	63	0	83	0	242	40	0	282	0	0	0	0	0	65	182	0	0	247	612
% App. Total	24.1	0	75.9	0		0	85.8	14.2	0		0	0	0	0		26.3	73.7	0	0		
PHF	.714	.000	.926	.000	.865	.000	.864	.769	.000	.892	.000	.000	.000	.000	.000	.677	.798	.000	.000	.762	.860
Unshifted	20	0	63	0	83	0	242	40	0	282	0	0	0	0	0	65	182	0	0	247	612
% 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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File Name : GLENSR1010AM
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Start Date : 9/10/2014
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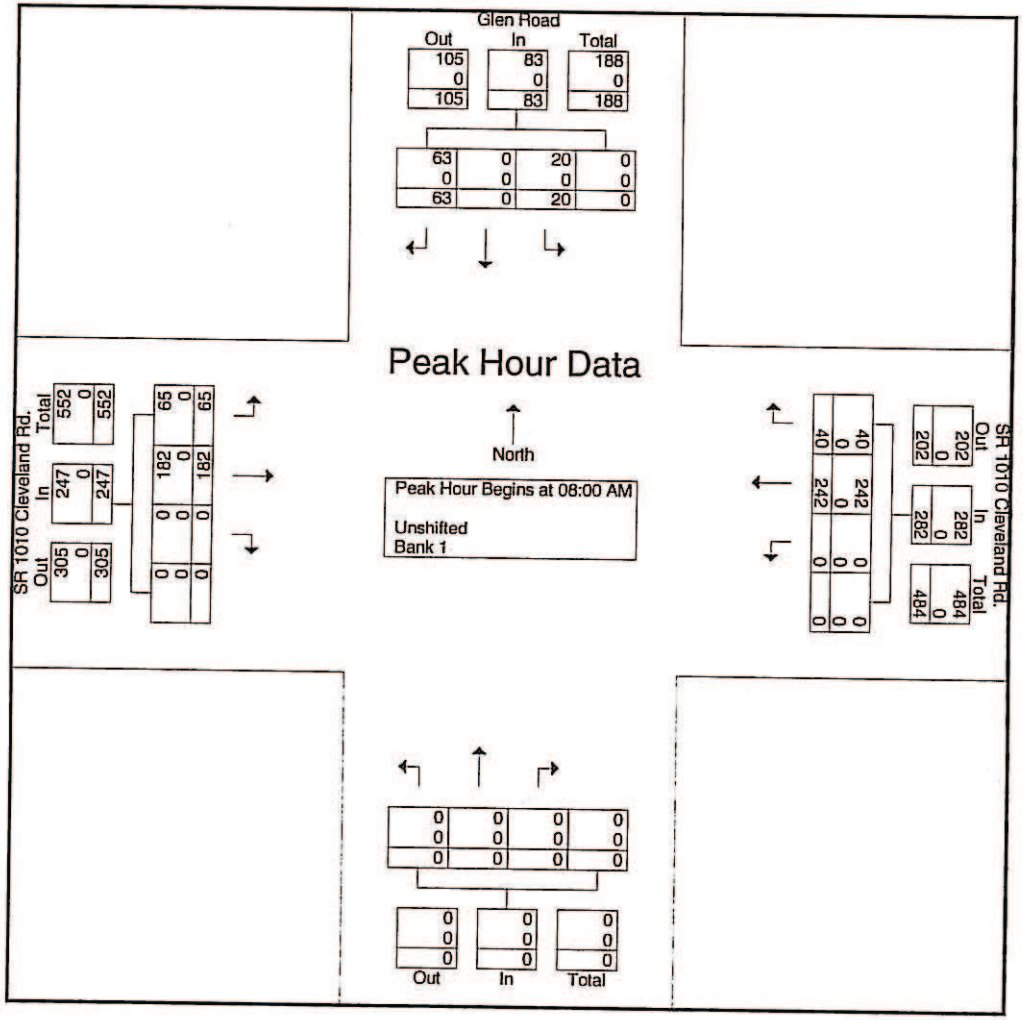

Wetherill Engineering Inc.

559 Jones Frankin Road, Suite 164
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Summerwind Plantation, Glen Road, Johnston County

File Name : GLENSR1010PM
Site Code : 00000001
Start Date : 9/9/2014
Page No : 1

Groups Printed- Unshifted - Bank 1

	Glen Road					SR 1010 Cleveland Rd.										SR 1010 Cleveland Rd.					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
04:00 PM	13	0	30	0	43	0	68	23	0	91	0	0	0	0	0	17	72	0	0	89	223
04:15 PM	13	0	27	0	40	0	54	11	0	65	0	0	0	0	0	25	62	0	0	87	192
04:30 PM	14	0	28	0	42	0	55	17	0	72	0	0	0	0	0	27	72	0	0	99	213
04:45 PM	10	0	32	0	42	0	42	19	0	61	0	0	0	0	0	29	77	0	0	106	209
Total	50	0	117	0	167	0	219	70	0	289	0	0	0	0	0	98	283	0	0	381	837
05:00 PM	19	0	34	0	53	0	45	17	0	62	0	0	0	0	0	15	82	0	0	97	212
05:15 PM	24	0	35	0	59	0	69	9	0	78	0	0	0	0	0	29	104	0	0	133	270
05:30 PM	14	0	40	0	54	0	68	23	0	91	0	0	0	0	0	26	92	0	0	118	263
05:45 PM	8	0	28	0	36	0	60	12	0	72	0	0	0	0	0	32	79	0	0	111	219
Total	65	0	137	0	202	0	242	61	0	303	0	0	0	0	0	102	357	0	0	459	964
Grand Total	115	0	254	0	369	0	461	131	0	592	0	0	0	0	0	200	640	0	0	840	1801
Apprch %	31.2	0	68.8	0		0	77.9	22.1	0		0	0	0	0		23.8	76.2	0	0		
Total %	6.4	0	14.1	0	20.5	0	25.6	7.3	0	32.9	0	0	0	0	0	11.1	35.5	0	0	46.6	
Unshifted	115	0	254	0	369	0	461	131	0	592	0	0	0	0	0	200	640	0	0	840	1801
% 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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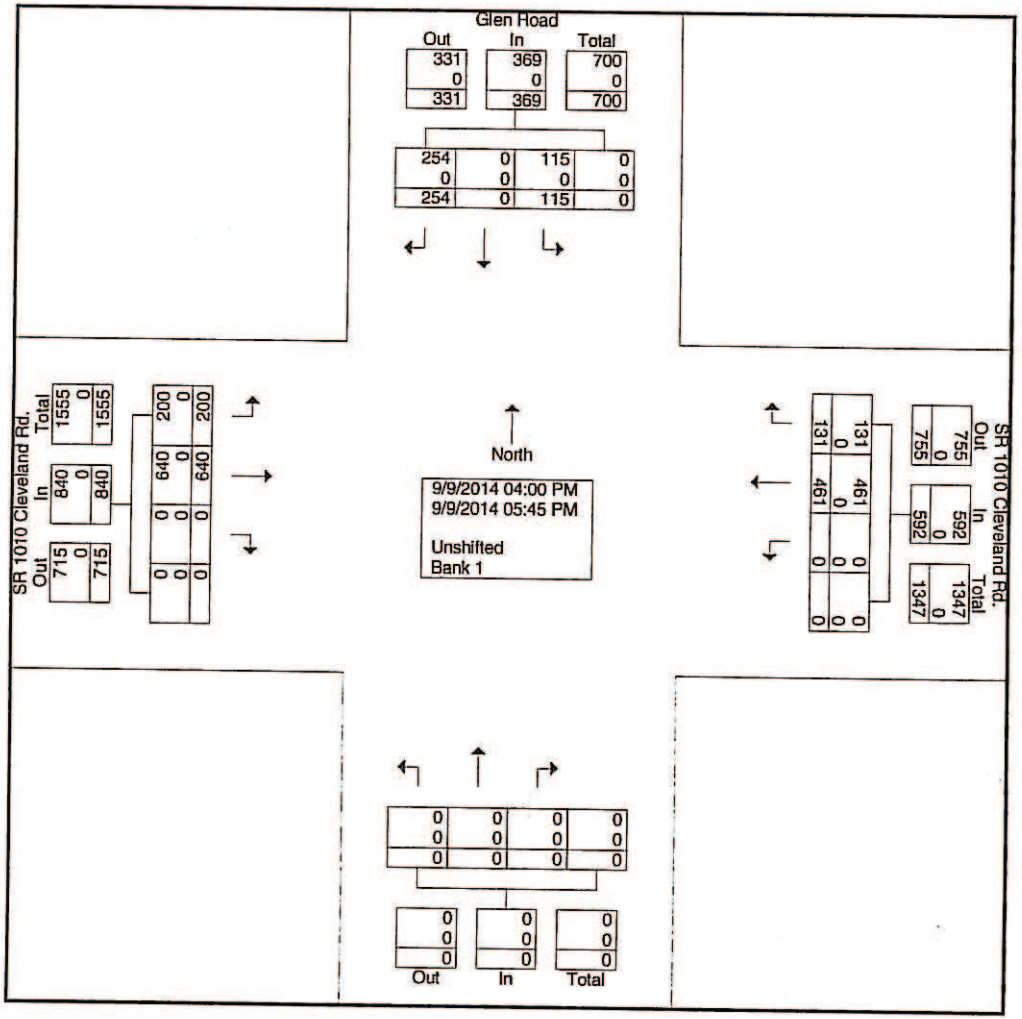

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	Glen Road					SR 1010 Cleveland Rd.										SR 1010 Cleveland Rd.					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	19	0	34	0	53	0	45	17	0	62	0	0	0	0	0	15	82	0	0	97	212
05:15 PM	24	0	35	0	59	0	69	9	0	78	0	0	0	0	0	29	104	0	0	133	270
05:30 PM	14	0	40	0	54	0	68	23	0	91	0	0	0	0	0	26	92	0	0	118	263
05:45 PM	8	0	28	0	36	0	60	12	0	72	0	0	0	0	0	32	79	0	0	111	219
Total Volume	65	0	137	0	202	0	242	61	0	303	0	0	0	0	0	102	357	0	0	459	964
% App. Total	32.2	0	67.8	0		0	79.9	20.1	0		0	0	0	0		22.2	77.8	0	0		
PHF	.677	.000	.856	.000	.856	.000	.877	.663	.000	.832	.000	.000	.000	.000	.000	.797	.858	.000	.000	.863	.893

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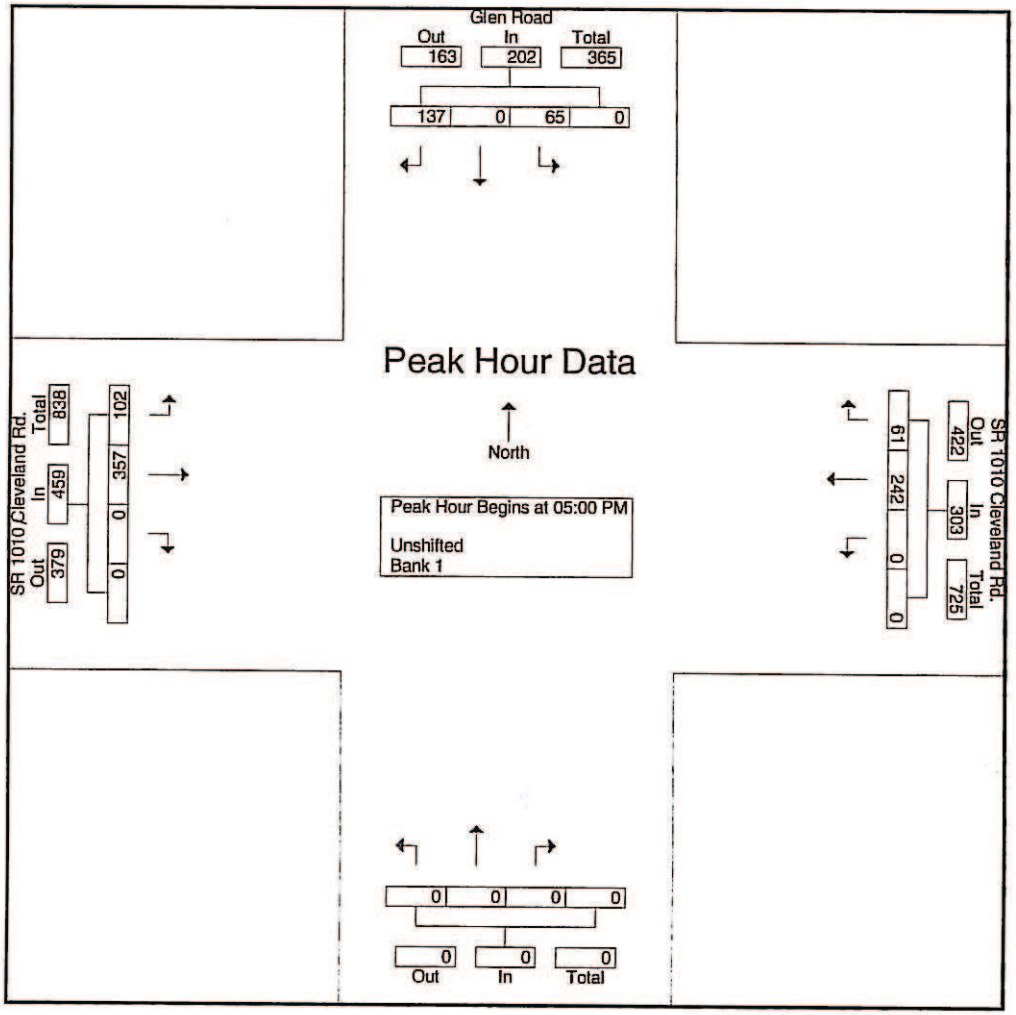

Photo 1: Glen Road approach to SR 1010, Cleveland Road.

Photo 2: SR 1010 approach to Glen Road looking west.

Photo 3: SR 1010 approach to Glen Road looking east.