Count Number: 10-16013

County: Transylvania

Division: 14

Vaughn & Melton
1318-F Patton Ave.
Asheville, NC 28806
Phone: (828) 253-2796
Fax: (828) 253-4864

Intersection: US 64/SR 1518 (Davidson River Rd.)/SR 1583 (Upper Glad Creek Rd.)

Count Time Periods and Weather Conditions

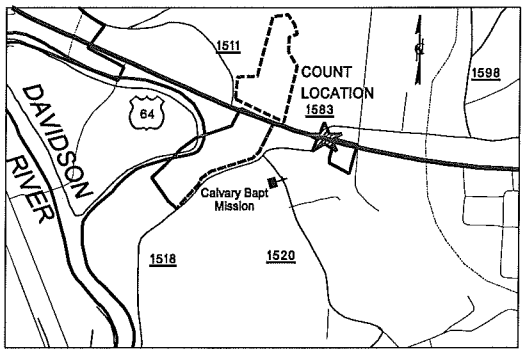
Day 1- 12/15/10, 12:45 p.m. to 7:00 p.m.
Partly Cloudy, Hi - 31, Lo - 12
Day 2- 12/21/10, 6:00 a.m. to 12:45 p.m.
Cloudy, Hi - 48, Lo - 36

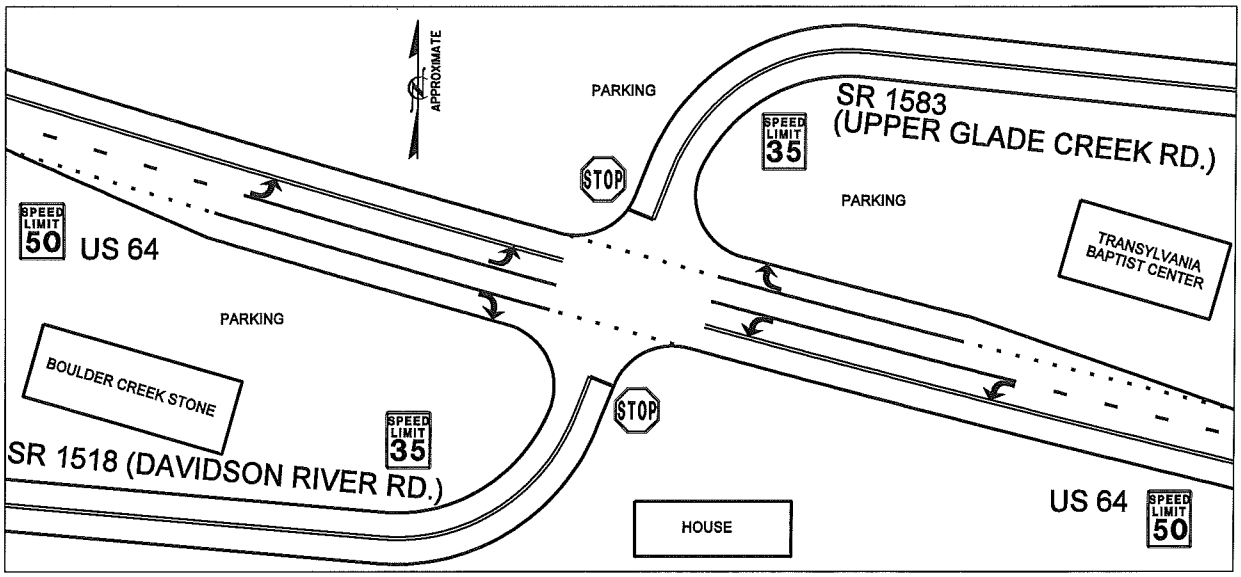
12-hr Count Volume = 8210

Comments:

1. School was in session.
2. Pedestrian movements are tabulated under the approach that they cross.
3. There are no traffic signals at the intersection.
4. Counted by Gerald Dias.
5. Data Processor: Aaron C. Carver, PE
6. Scheduled Break: 9:00 to 10:00 a.m.
7. Break Times:
   December 15, 2010
   Interpolated values are from 3:15 p.m. to 3:30 p.m.
   Interpolated values are from 6:30 p.m. to 6:45 p.m.
   Interpolated values are from 6:45 p.m. to 7:00 p.m.
8. Equipment used: DB-400 Intersection Counter and PetraPro Version 1.6.0

VICINITY MAP
Scale: 1in. = 1800 ft.





Count Number: 10-16013

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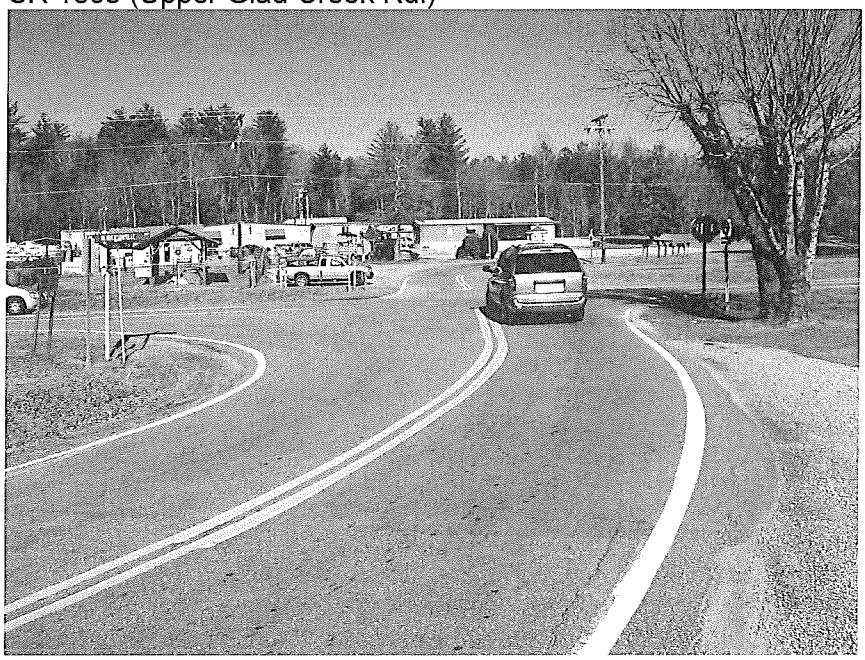
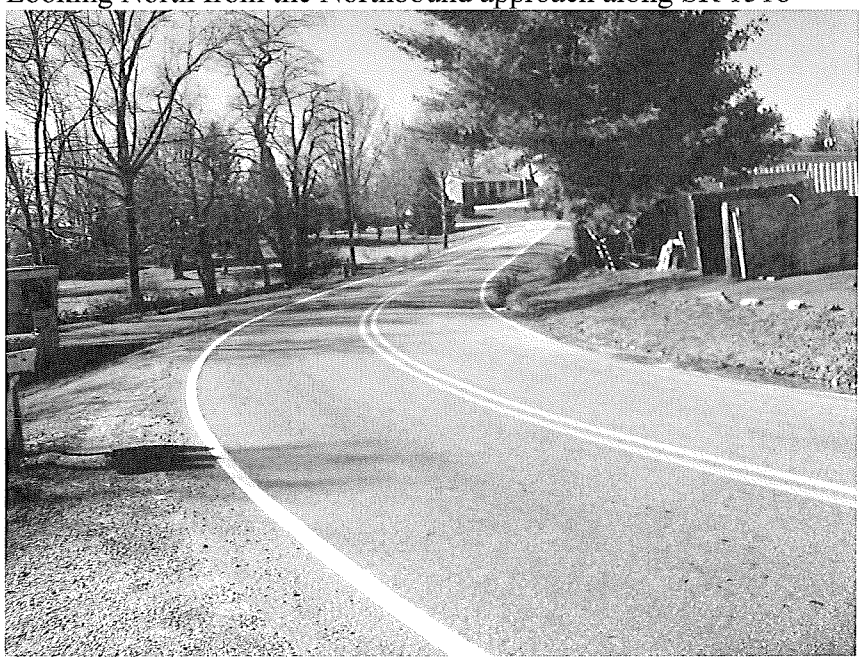


Looking North from the Northbound approach along SR 1518



Looking South from the Northbound approach along SR 1518

Count Number: 10-16013

County: Transylvania

Division: 14

Intersection: US 64/SR 1518 (Davidson River Rd.)/
SR 1583 (Upper Glad Creek Rd.)

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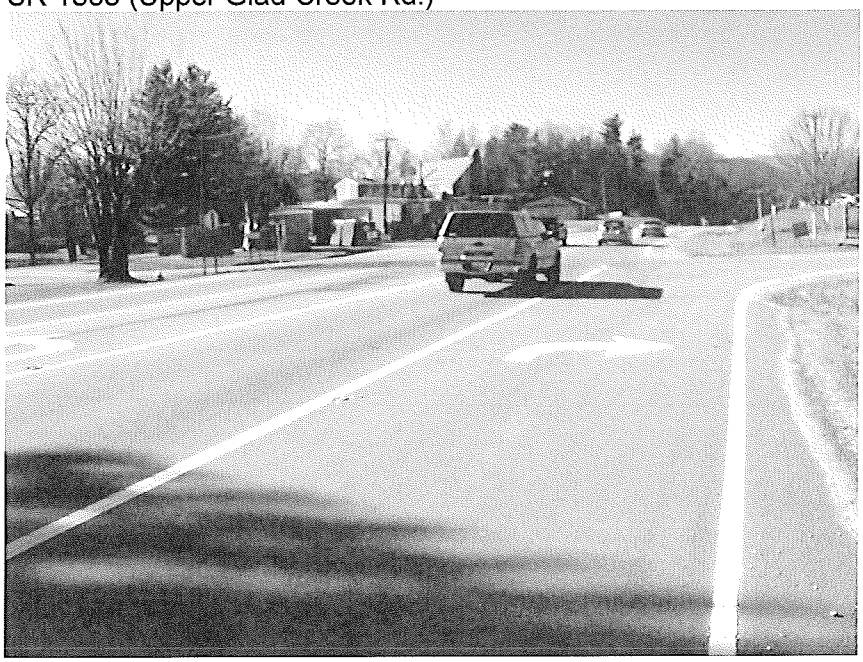

Looking West from the Westbound approach along US 64

Looking East from the Westbound approach along US 64

Count Number: 10-16013

County: Transylvania

Division: 14

Intersection: US 64/SR 1518 (Davidson River Rd.)/
SR 1583 (Upper Glad Creek Rd.)

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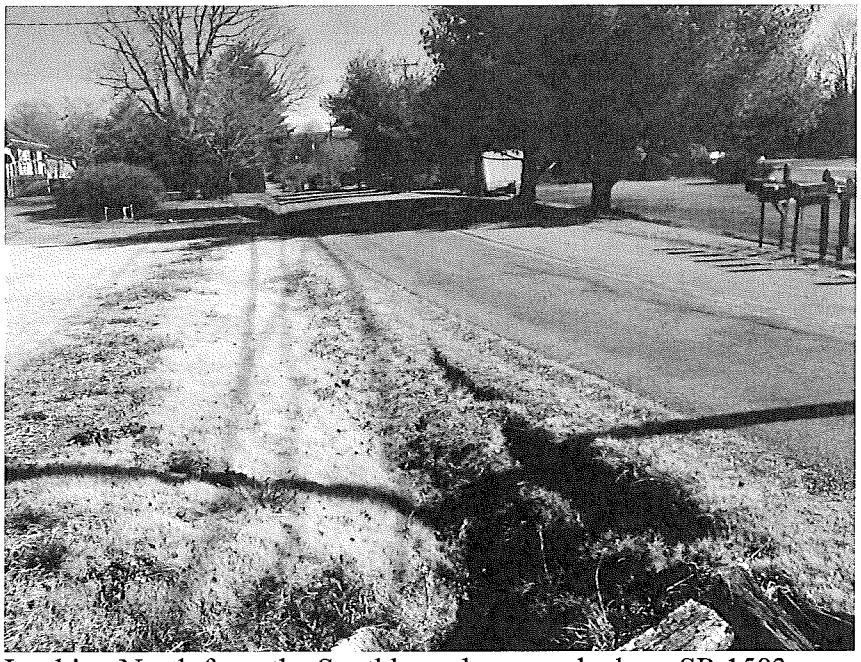
Looking South from the Southbound approach along SR 1583



Looking North from the Southbound approach along SR 1583

Count Number: 10-16013

County: Transylvania

Division: 14

Intersection: US 64/SR 1518 (Davidson River Rd.)/
SR 1583 (Upper Glad Creek Rd.)

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Looking East from the Eastbound approach along US 64

Looking West from the Eastbound approach along US 64

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File Name : 10-16013
Site Code : 10-16013
Start Date : 12/15/2010
Page No : 1

Groups Printed- All Vehicles

	SR 1583 (UPPER GLADE CREEK RD.) Southbound				US 64 Westbound				SR 1518 (DAVIDSON RIVER RD.) Northbound				US 64 Eastbound						
Start Time	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Exclu. Total	Inclu. Total	Int. Total
06:00 AM	0	0	3	0	1	16	0	1	4	1	1	0	1	10	0	0	1	37	38
06:15 AM	0	1	0	0	0	20	0	0	0	0	1	0	0	9	1	0	0	32	32
06:30 AM	0	0	0	0	0	28	0	1	3	0	1	0	0	12	0	0	1	44	45
06:45 AM	1	0	4	1	2	46	0	1	0	1	1	1	0	14	3	0	3	72	75
Total	1	1	7	1	3	110	0	3	7	2	4	1	1	45	4	0	5	185	190
07:00 AM	0	0	6	0	4	49	0	0	2	0	2	0	1	20	1	0	0	85	85
07:15 AM	1	2	10	0	2	69	1	1	10	0	4	0	1	27	5	4	5	132	137
07:30 AM	0	3	6	0	5	98	0	4	9	0	2	0	3	33	5	3	7	164	171
07:45 AM	0	2	9	0	4	92	0	4	6	1	1	0	2	44	2	6	10	163	173
Total	1	7	31	0	15	308	1	9	27	1	9	0	7	124	13	13	22	544	566
08:00 AM	0	1	5	0	5	87	0	6	4	1	4	0	1	43	2	3	9	153	162
08:15 AM	0	2	3	0	5	68	0	5	6	6	1	0	6	49	3	6	11	149	160
08:30 AM	0	0	6	0	0	63	0	8	3	2	2	0	1	39	6	5	13	122	135
08:45 AM	0	0	6	0	6	65	0	6	4	5	4	0	1	44	2	7	13	137	150
Total	0	3	20	0	16	283	0	25	17	14	11	0	9	175	13	21	46	561	607
SCHEDULED BREAK																			
10:00 AM	0	2	9	0	2	67	1	4	1	1	4	0	5	58	5	5	9	155	164
10:15 AM	1	3	3	0	2	65	0	4	8	2	4	0	7	50	3	5	9	148	157
10:30 AM	0	2	5	0	2	72	1	5	5	3	4	0	6	62	5	1	6	167	173
10:45 AM	0	4	3	0	3	68	0	3	5	2	1	0	2	52	7	4	7	147	154
Total	1	11	20	0	9	272	2	16	19	8	13	0	20	222	20	15	31	617	648
11:00 AM	0	1	4	1	2	86	1	6	9	4	3	0	4	61	8	4	11	183	194
11:15 AM	0	4	4	0	2	79	1	5	2	2	5	0	2	57	5	7	12	163	175
11:30 AM	1	3	5	0	5	73	0	5	10	1	7	0	6	59	3	4	9	173	182
11:45 AM	0	1	5	0	5	74	0	3	4	3	3	0	7	78	9	8	11	189	200
Total	1	9	18	1	14	312	2	19	25	10	18	0	19	255	25	23	43	708	751
12:00 PM	0	4	8	0	3	85	1	5	3	1	5	0	4	62	5	3	8	181	189
12:15 PM	0	0	7	0	0	82	0	3	6	5	3	0	4	83	4	4	7	194	201
12:30 PM	1	2	5	0	5	77	1	3	6	0	6	0	3	80	10	2	5	196	201
12:45 PM	0	3	3	0	3	70	0	0	5	1	4	0	3	70	3	0	0	165	165
Total	1	9	23	0	11	314	2	11	20	7	18	0	14	295	22	9	20	736	756
01:00 PM	1	0	3	0	0	67	0	0	4	2	2	0	4	75	5	0	0	163	163
01:15 PM	0	1	2	0	3	82	0	0	3	0	3	0	5	74	9	1	1	182	183
01:30 PM	1	1	5	0	2	70	0	1	3	2	3	0	4	70	6	0	1	167	168
01:45 PM	0	1	6	0	1	60	1	1	3	1	4	0	5	65	4	0	1	151	152
Total	2	3	16	0	6	279	1	2	13	5	12	0	18	284	24	1	3	663	666
02:00 PM	0	0	12	0	6	88	1	0	5	0	2	0	10	80	12	0	0	216	216
02:15 PM	0	1	5	0	3	57	0	1	5	2	1	0	5	91	7	2	3	177	180
02:30 PM	0	1	7	0	2	84	0	1	5	0	4	0	8	90	6	2	3	207	210
02:45 PM	0	0	2	0	6	89	1	2	3	3	1	0	8	88	5	1	3	206	209
Total	0	2	26	0	17	318	2	4	18	5	8	0	31	349	30	5	9	806	815

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Asheville, NC 28806
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File Name : 10-16013
Site Code : 10-16013
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Groups Printed- All Vehicles

	SR 1583 (UPPER GLADE CREEK RD.) Southbound				US 64 Westbound				SR 1518 (DAVIDSON RIVER RD.) Northbound				US 64 Eastbound						
Start Time	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Exclu. Total	Inclu. Total	Int. Total
03:00 PM	1	1	14	0	9	86	1	1	6	3	3	0	9	91	7	0	1	231	232
03:15 PM	0	1	10	0	7	82	0	0	5	2	4	0	6	87	6	0	0	210	210
03:30 PM	0	1	7	0	5	78	0	0	5	2	5	0	3	84	6	0	0	196	196
03:45 PM	1	2	7	0	5	67	2	1	3	1	4	0	12	86	3	0	1	193	194
Total	2	5	38	0	26	313	3	2	19	8	16	0	30	348	22	0	2	830	832
04:00 PM	2	3	2	0	8	85	2	0	5	4	1	0	9	94	14	1	1	229	230
04:15 PM	0	2	6	0	4	91	1	0	6	1	2	0	8	107	9	0	0	237	237
04:30 PM	0	2	6	0	3	84	2	0	3	3	5	0	4	89	9	0	0	210	210
04:45 PM	1	1	9	0	4	76	1	0	4	2	4	0	14	110	11	0	0	237	237
Total	3	8	23	0	19	336	6	0	18	10	12	0	35	400	43	1	1	913	914
05:00 PM	0	2	4	0	5	70	1	0	6	2	4	0	6	127	8	0	0	235	235
05:15 PM	0	1	9	0	6	49	0	0	10	4	4	0	9	96	12	0	0	200	200
05:30 PM	1	0	6	0	5	93	1	1	6	0	2	0	7	97	5	0	1	223	224
05:45 PM	0	2	11	0	3	54	0	0	6	3	7	0	8	78	13	0	0	185	185
Total	1	5	30	0	19	266	2	1	28	9	17	0	30	398	38	0	1	843	844
06:00 PM	0	5	6	0	9	84	0	0	6	1	5	0	7	83	5	0	0	211	211
06:15 PM	0	0	8	0	4	67	0	0	3	0	4	0	4	72	2	0	0	164	164
06:30 PM	1	2	2	0	3	42	1	0	9	5	1	0	8	64	5	0	0	143	143
06:45 PM	1	2	2	0	3	42	1	0	9	5	1	0	8	64	5	0	0	143	143
Total	2	9	18	0	19	235	2	0	27	11	11	0	27	283	17	0	0	661	661
07:00 PM	1	2	2	0	3	42	1	0	9	5	1	0	8	64	5	0	0	143	143
Grand Total	16	74	272	2	177	3388	24	92	247	95	150	1	249	3242	276	88	183	8210	8393
Apprch %	4.4	20.4	75.1		4.9	94.4	0.7		50.2	19.3	30.5		6.6	86.1	7.3				
Total %	0.2	0.9	3.3		2.2	41.3	0.3		3	1.2	1.8		3	39.5	3.4		2.2	97.8	

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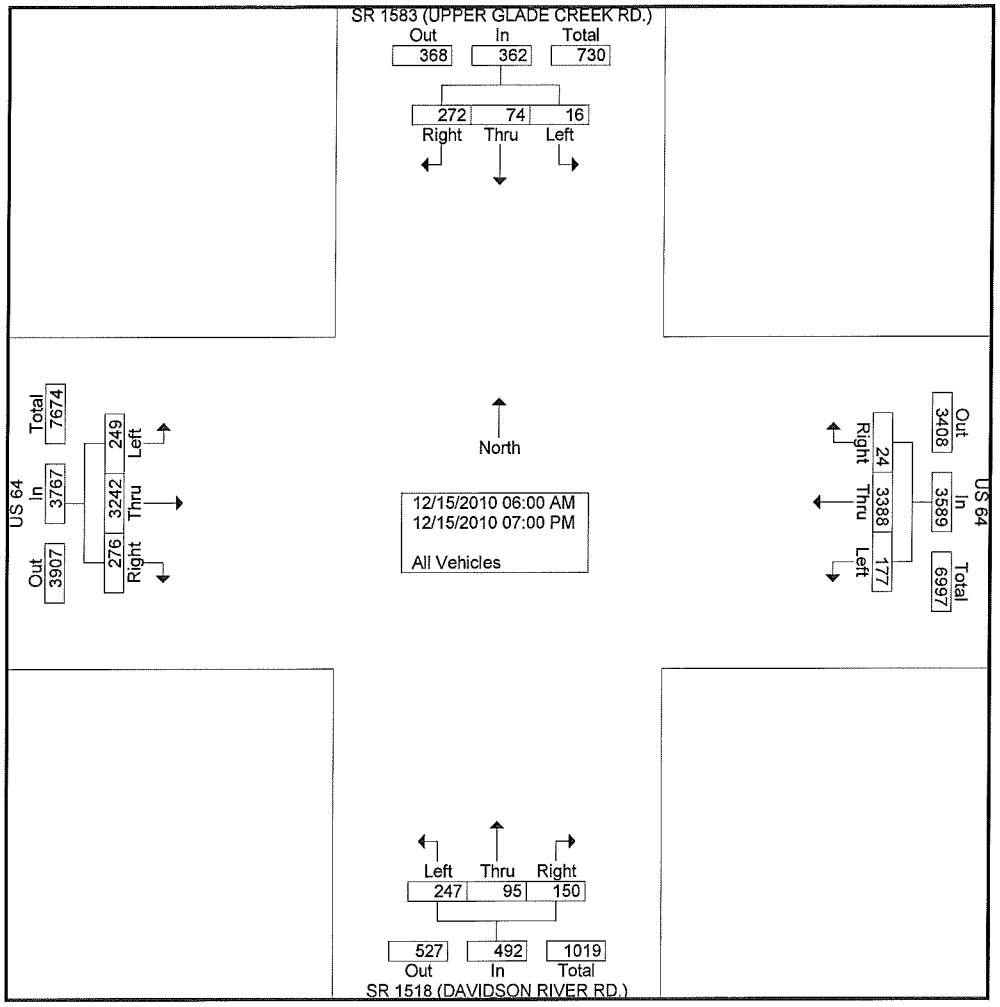

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Site Code : 10-16013
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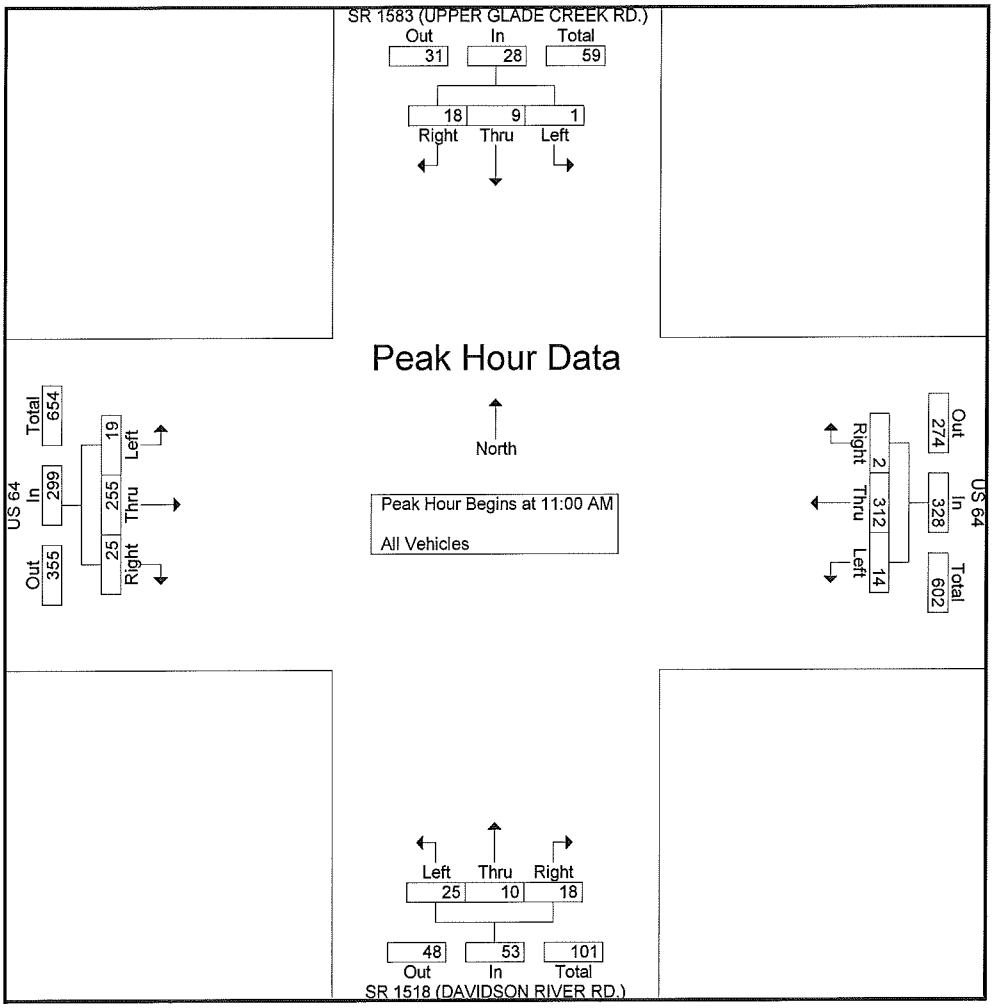
	SR 1583 (UPPER GLADE CREEK RD.) Southbound				US 64 Westbound				SR 1518 (DAVIDSON RIVER RD.) Northbound				US 64 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:00 AM																	
11:00 AM	0	1	4	5	2	**86**	**1**	**89**	9	**4**	3	16	4	61	8	73	183
11:15 AM	0	**4**	4	8	2	79	1	82	2	2	5	9	2	57	5	64	163
11:30 AM	**1**	3	**5**	**9**	**5**	73	0	78	**10**	1	**7**	**18**	6	59	3	68	173
11:45 AM	0	1	5	6	5	74	0	79	4	3	3	10	**7**	**78**	**9**	**94**	**189**
Total Volume	1	9	18	28	14	312	2	328	25	10	18	53	19	255	25	299	708
% App. Total	3.6	32.1	64.3		4.3	95.1	0.6		47.2	18.9	34		6.4	85.3	8.4		
PHF	.250	.563	.900	.778	.700	.907	.500	.921	.625	.625	.643	.736	.679	.817	.694	.795	.937



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Start Date : 12/15/2010
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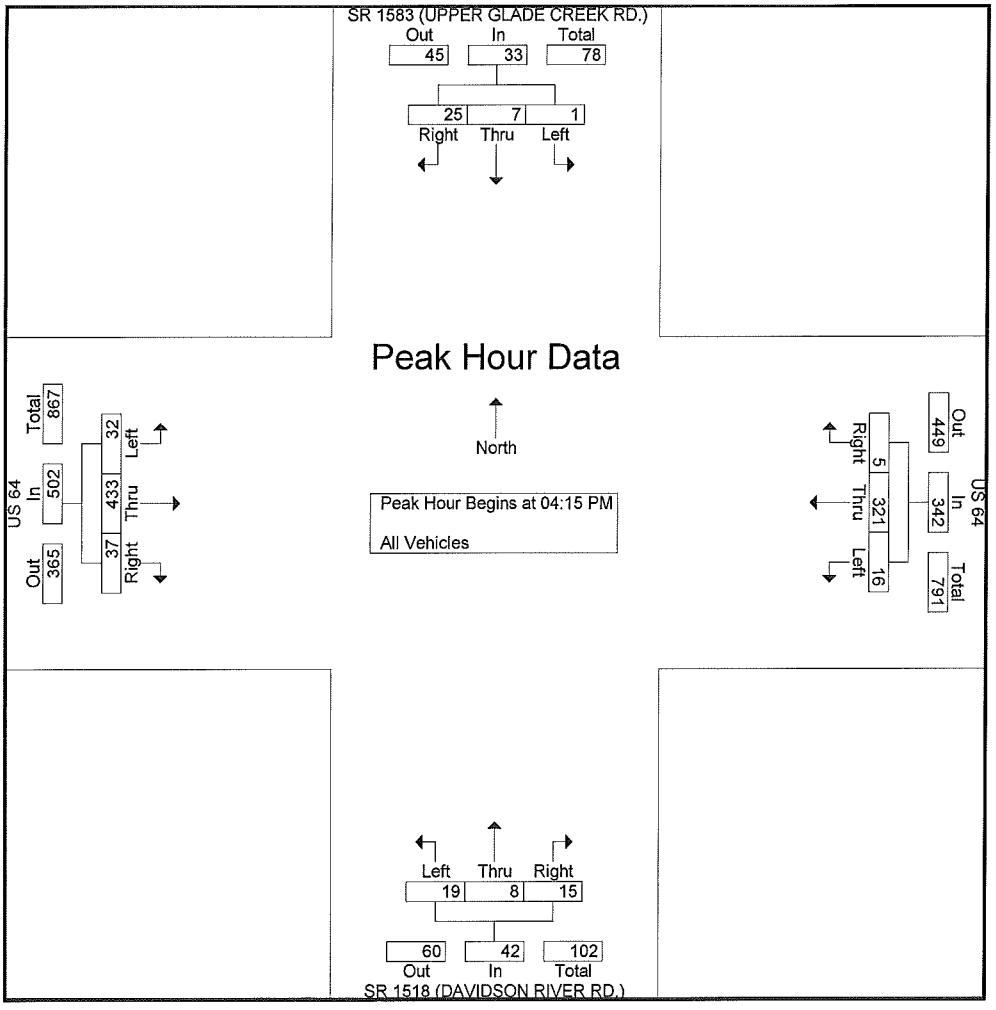
	SR 1583 (UPPER GLADE CREEK RD.) Southbound				US 64 Westbound				SR 1518 (DAVIDSON RIVER RD.) Northbound				US 64 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 07:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	**2**	6	8	4	**91**	1	**96**	**6**	1	2	9	8	107	9	124	**237**
04:30 PM	0	2	6	8	3	84	**2**	89	3	**3**	**5**	11	4	89	9	102	210
04:45 PM	**1**	1	**9**	**11**	4	76	1	81	4	2	4	10	**14**	110	**11**	135	237
05:00 PM	0	2	4	6	**5**	70	1	76	6	2	4	**12**	6	**127**	8	**141**	235
Total Volume	1	7	25	33	16	321	5	342	19	8	15	42	32	433	37	502	919
% App. Total	3	21.2	75.8		4.7	93.9	1.5		45.2	19	35.7		6.4	86.3	7.4		
PHF	.250	.875	.694	.750	.800	.882	.625	.891	.792	.667	.750	.875	.571	.852	.841	.890	.969



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Groups Printed- Pedestrians

	SR 1583 (UPPER GLADE CREEK RD.) Southbound				US 64 Westbound				SR 1518 (DAVIDSON RIVER RD.) Northbound				US 64 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Vaughn & Melton
1318-F Patton Ave.
Asheville, NC 28806
p: 828.253.2796 f: 828.253.4864
www.vaughnmelton.com

File Name : 10-16013
Site Code : 10-16013
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Groups Printed- Pedestrians

	SR 1583 (UPPER GLADE CREEK RD.) Southbound				US 64 Westbound				SR 1518 (DAVIDSON RIVER RD.) Northbound				US 64 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	2
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	2	0	2	0	1	0	1	0	0	0	0	3	0	0	3	6
Apprch %	0	100	0		0	100	0		0	0	0		100	0	0		
Total %	0	33.3	0	33.3	0	16.7	0	16.7	0	0	0	0	50	0	0	50	