Count Number: 11-16019

County: Macon

Division: 14

Intersection: US 441 at SR 1513 (Cat Creek Rd.)

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

Count Time Periods and Weather Conditions

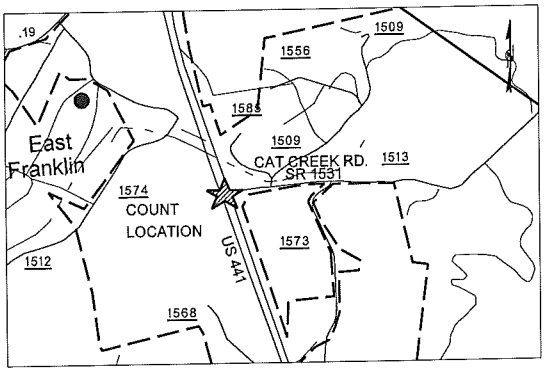
Day 1- 8/31/11 2:30 p.m to 7:00 p.m.
Sunny, Clear – 86 deg
Day 2- 9/1/11, 6:00 a.m. to 2:30 p.m.
Sunny, Clear – 90 deg

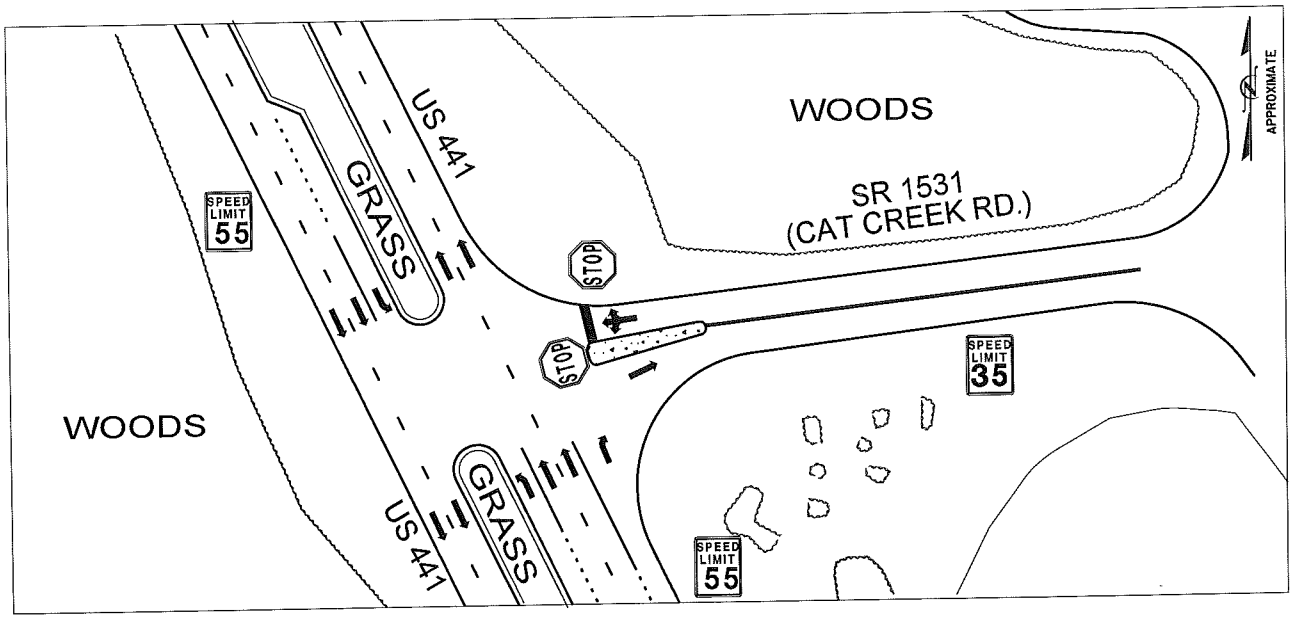
12-hr Count Volume = 15023

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 Ingrid Brown.
5. Data Processor: William Chase Carver, EI
6. Scheduled Break: 9:00 to 10:00 a.m.
7. Break Times:
   August 31, 2011
   Interpolated values are from 2:45 p.m. to 3:00 p.m.
8. Equipment used: DB-400 Intersection Counter and PetraPro Version 1.6.0

VICINITY MAP
Scale: 1in. = 1800 ft.





Count Number: 11-16019

County: Macon

Division: 14

Intersection: US 441 at SR 1531 (Cat Creek Rd.)

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Looking North from the Northbound approach along US 441

Looking South from the Northbound approach along US 441

Count Number: 11-16019

County: Macon

Division: 14

Intersection: US 441 at SR 1531 (Cat Creek Rd.)

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Looking East from the Westbound approach along SR 1531

Looking West from the Westbound approach along SR 1531

Count Number: 11-16019

County: Macon

Division: 14

Intersection: US 441 at SR 1531 (Cat Creek Rd.)

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

Looking South from the Southbound approach along US 441

Looking North from the Southbound approach along US 441

Vaughn & Melton

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File Name : 11-16019
Site Code : 11-16019
Start Date : 8/31/2011
Page No : 1

Groups Printed- All Vehicles

	US 441 Southbound				SR 1531 (Cat Creek Rd.) Westbound				US 441 Northbound				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	1	24	0	4	5	0	2	0	0	57	0	3	0	0	0	0	7	89	96
06:15 AM	2	34	0	4	6	0	7	0	0	48	1	2	0	0	0	0	6	98	104
06:30 AM	1	45	0	2	3	0	5	0	0	48	0	2	0	0	0	0	4	102	106
06:45 AM	4	61	0	5	7	0	8	0	0	59	2	3	0	0	0	0	8	141	149
Total	8	164	0	15	21	0	22	0	0	212	3	10	0	0	0	0	25	430	455
07:00 AM	5	66	0	3	5	0	9	0	0	108	3	1	0	0	0	0	4	196	200
07:15 AM	14	93	0	6	13	1	19	0	0	124	4	4	0	0	0	0	10	268	278
07:30 AM	16	118	0	7	22	0	25	0	0	127	6	3	0	0	0	0	10	314	324
07:45 AM	27	113	0	3	10	0	21	0	0	165	12	3	0	0	0	0	6	348	354
Total	62	390	0	19	50	1	74	0	0	524	25	11	0	0	0	0	30	1126	1156
08:00 AM	26	102	0	6	6	0	21	0	0	156	4	1	0	0	0	0	7	315	322
08:15 AM	16	117	0	8	5	0	14	0	0	129	6	4	0	0	0	0	12	287	299
08:30 AM	19	102	0	3	7	0	18	0	0	106	7	5	0	0	0	0	8	259	267
08:45 AM	20	118	0	9	9	0	15	0	0	112	9	11	0	0	0	0	20	283	303
Total	81	439	0	26	27	0	68	0	0	503	26	21	0	0	0	0	47	1144	1191
*** SCHEDULED BREAKS***																			
10:00 AM	16	127	0	1	6	15	7	1	0	110	10	5	0	0	0	0	7	291	298
10:15 AM	20	134	0	3	9	0	18	0	0	128	12	5	0	0	0	0	8	321	329
10:30 AM	25	127	0	4	10	0	21	0	0	120	9	5	0	0	0	0	9	312	321
10:45 AM	22	124	0	2	6	0	18	0	0	118	6	7	0	0	0	0	9	294	303
Total	83	512	0	10	31	15	64	1	0	476	37	22	0	0	0	0	33	1218	1251
11:00 AM	33	149	0	5	9	0	10	0	0	120	11	8	0	0	0	0	13	332	345
11:15 AM	28	145	0	5	16	0	15	0	0	116	4	3	0	0	0	0	8	324	332
11:30 AM	14	130	0	3	8	0	29	0	0	165	6	5	0	0	0	0	8	352	360
11:45 AM	19	170	0	5	12	0	25	0	0	133	5	0	0	0	0	0	5	364	369
Total	94	594	0	18	45	0	79	0	0	534	26	16	0	0	0	0	34	1372	1406
12:00 PM	21	173	0	5	7	0	13	0	0	118	3	9	0	0	0	0	14	335	349
12:15 PM	16	152	0	4	11	0	16	0	0	143	7	8	0	0	0	0	12	345	357
12:30 PM	27	141	0	8	7	0	15	0	0	142	10	3	0	0	0	0	11	342	353
12:45 PM	23	144	0	4	7	0	13	0	0	161	13	7	0	0	0	0	11	361	372
Total	87	610	0	21	32	0	57	0	0	564	33	27	0	0	0	0	48	1383	1431
01:00 PM	19	152	0	4	6	1	22	0	0	137	14	0	0	0	0	0	4	351	355
01:15 PM	25	122	0	4	6	0	11	0	0	149	8	8	0	0	0	0	12	321	333
01:30 PM	15	130	0	4	7	0	21	0	0	157	6	5	0	0	0	0	9	336	345
01:45 PM	17	176	0	6	8	0	22	0	0	166	4	5	0	0	0	0	11	393	404
Total	76	580	0	18	27	1	76	0	0	609	32	18	0	0	0	0	36	1401	1437
02:00 PM	22	160	0	3	8	0	29	0	0	149	6	6	0	0	0	0	9	374	383
02:15 PM	16	159	0	9	15	0	20	0	0	137	14	6	0	0	0	0	15	361	376
02:30 PM	23	131	0	2	7	0	15	0	2	127	7	8	0	0	0	0	10	312	322
02:45 PM	12	66	0	1	4	0	8	0	1	64	4	4	0	0	0	0	5	159	164
Total	73	516	0	15	34	0	72	0	3	477	31	24	0	0	0	0	39	1206	1245
03:00 PM	21	162	0	6	9	5	24	0	0	162	15	4	0	0	0	0	10	398	408
03:15 PM	26	156	0	7	9	0	18	0	1	145	11	0	0	0	0	0	7	366	373
03:30 PM	24	170	0	4	9	0	28	0	0	167	12	9	0	0	0	0	13	410	423
03:45 PM	22	177	0	5	6	0	24	1	0	152	13	5	0	0	0	0	11	394	405
Total	93	665	0	22	33	5	94	1	1	626	51	18	0	0	0	0	41	1568	1609
04:00 PM	34	140	0	2	10	0	22	0	0	155	15	6	0	0	0	0	8	376	384
04:15 PM	32	144	0	8	6	0	24	0	0	129	17	6	0	0	0	0	14	352	366
04:30 PM	33	156	0	3	18	0	31	0	0	139	10	5	0	0	0	0	8	387	395
04:45 PM	39	162	0	3	13	0	22	0	0	150	12	3	0	0	0	0	6	398	404
Total	138	602	0	16	47	0	99	0	0	573	54	20	0	0	0	0	36	1513	1549
05:00 PM	35	214	0	7	12	0	31	0	0	165	19	4	0	0	0	0	11	476	487
05:15 PM	35	167	0	2	14	0	26	0	0	156	10	1	0	0	0	0	3	408	411
05:30 PM	34	173	0	4	12	0	19	0	0	125	11	2	0	0	0	0	6	374	380

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File Name : 11-16019
Site Code : 11-16019
Start Date : 8/31/2011
Page No : 2

Groups Printed- All Vehicles

	US 441 Southbound				SR 1531 (Cat Creek Rd.) Westbound				US 441 Northbound				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
05:45 PM	22	138	0	5	12	0	22	0	0	108	17	2	0	0	0	0	7	319	326
Total	126	692	0	18	50	0	98	0	0	554	57	9	0	0	0	0	27	1577	1604
06:00 PM	23	124	0	4	12	0	15	0	0	106	7	0	0	0	0	0	4	287	291
06:15 PM	20	117	0	1	20	0	13	0	0	121	18	0	0	0	0	0	1	309	310
06:30 PM	22	113	0	2	16	0	4	0	0	94	9	4	0	0	0	0	6	258	264
06:45 PM	22	95	0	3	9	0	10	0	0	83	12	1	0	0	0	0	4	231	235
Total	87	449	0	10	57	0	42	0	0	404	46	5	0	0	0	0	15	1085	1100
Grand Total	1008	6213	0	208	454	22	845	2	4	6056	421	201	0	0	0	0	411	15023	15434
Apprch %	14	86	0		34.4	1.7	64		0.1	93.4	6.5		0	0	0				
Total %	6.7	41.4	0		3	0.1	5.6		0	40.3	2.8		0	0	0		2.7	97.3	

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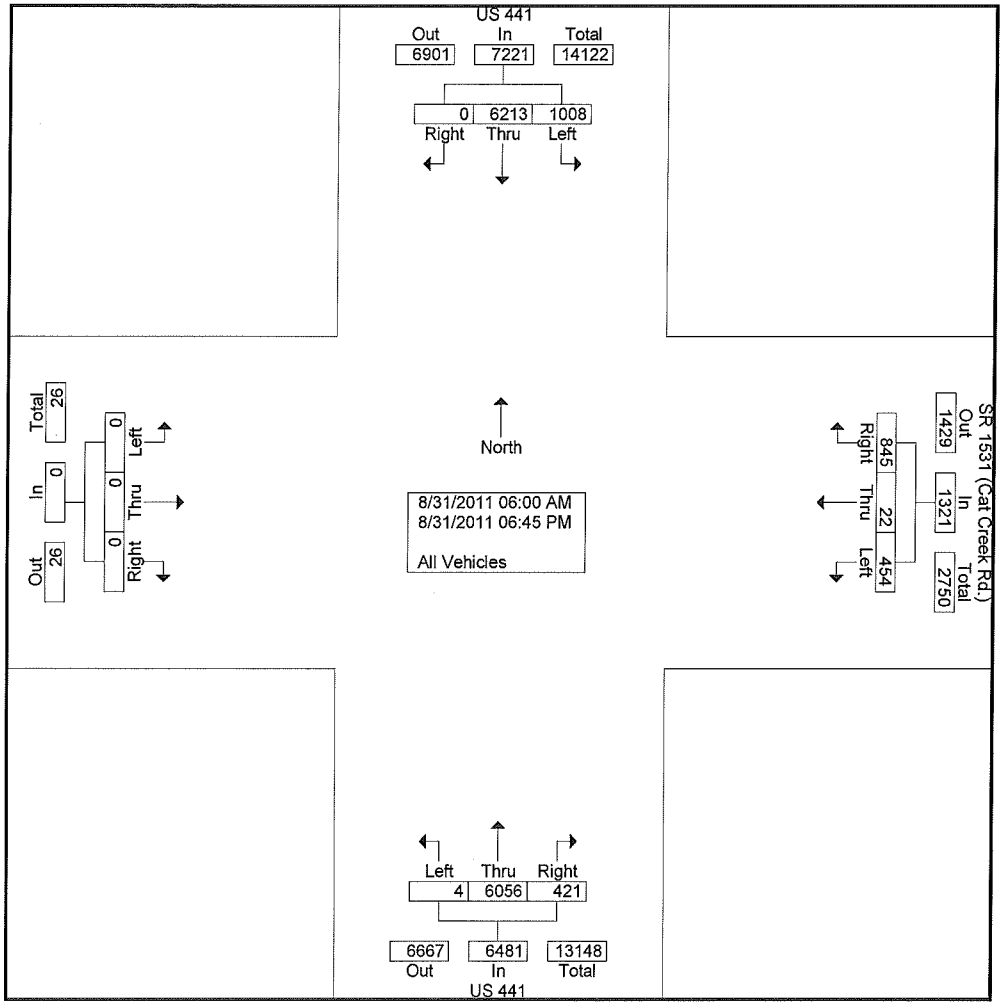
File Name : 11-16019
Site Code : 11-16019
Start Date : 8/31/2011
Page No : 3



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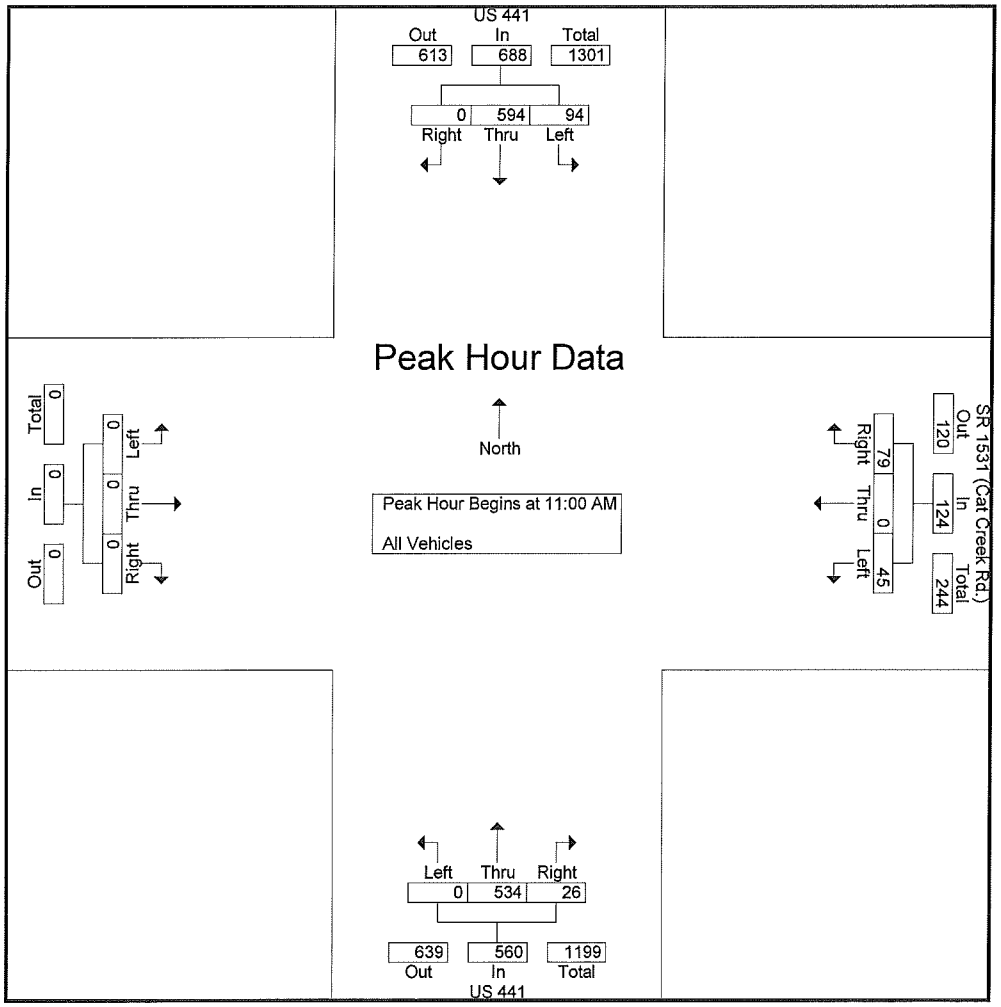
Site Code : 11-16019
Start Date : 8/31/2011
Page No : 4

	US 441 Southbound				SR 1531 (Cat Creek Rd.) Westbound				US 441 Northbound				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	33	149	0	182	9	0	10	19	0	120	11	131	0	0	0	0	332
11:15 AM	28	145	0	173	16	0	15	31	0	116	4	120	0	0	0	0	324
11:30 AM	14	130	0	144	8	0	29	37	0	165	6	171	0	0	0	0	352
11:45 AM	19	170	0	189	12	0	25	37	0	133	5	138	0	0	0	0	364
Total Volume	94	594	0	688	45	0	79	124	0	534	26	560	0	0	0	0	1372
% App. Total	13.7	86.3	0		36.3	0	63.7		0	95.4	4.6		0	0	0		
PHF	.712	.874	.000	.910	.703	.000	.681	.838	.000	.809	.591	.819	.000	.000	.000	.000	.942



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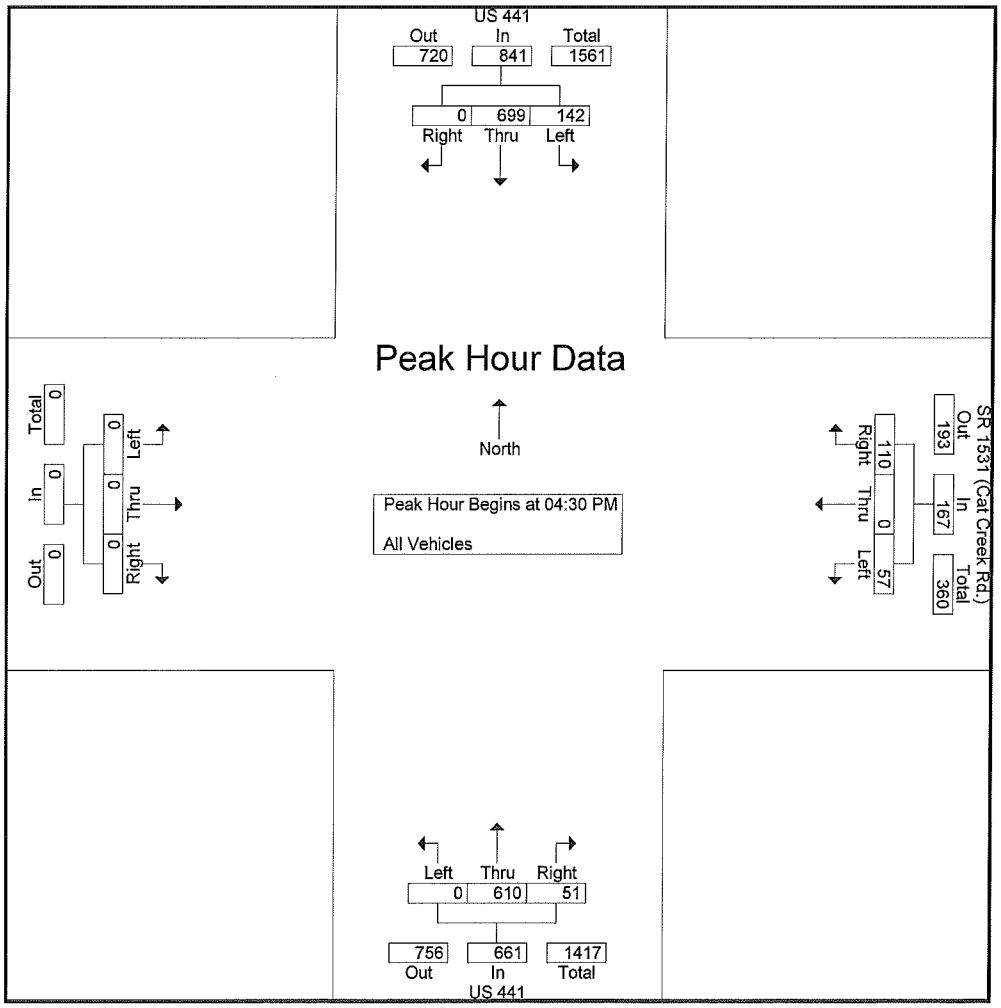
File Name : 11-16019
Site Code : 11-16019
Start Date : 8/31/2011
Page No : 5

	US 441 Southbound				SR 1531 (Cat Creek Rd.) Westbound				US 441 Northbound				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 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	33	156	0	189	18	0	31	49	0	139	10	149	0	0	0	0	387
04:45 PM	39	162	0	201	13	0	22	35	0	150	12	162	0	0	0	0	398
05:00 PM	35	214	0	249	12	0	31	43	0	165	19	184	0	0	0	0	476
05:15 PM	35	167	0	202	14	0	26	40	0	156	10	166	0	0	0	0	408
Total Volume	142	699	0	841	57	0	110	167	0	610	51	661	0	0	0	0	1669
% App. Total	16.9	83.1	0		34.1	0	65.9		0	92.3	7.7		0	0	0		
PHF	.910	.817	.000	.844	.792	.000	.887	.852	.000	.924	.671	.898	.000	.000	.000	.000	.877



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File Name : 11-16019
Site Code : 11-16019
Start Date : 8/31/2011

Groups Printed- Pedestrians

	US 441 Southbound			SR 1531 (Cat Creek Rd.) Westbound			US 441 Northbound			Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
06:00 AM	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
06:30 AM	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
Total	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
07:15 AM	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
07:45 AM	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
08:00 AM	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
08:30 AM	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
Total	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
09:15 AM	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
09:45 AM	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
10:00 AM	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
10:30 AM	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
Total	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
11:15 AM	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
11:45 AM	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
12:00 PM	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
12:30 PM	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
Total	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
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	0	0	0	0	0	0	0	0	1
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	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
02:45 PM	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
03:00 PM	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
03:30 PM	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
Total	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
04:15 PM	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	0
04:45 PM	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

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File Name : 11-16019
Site Code : 11-16019
Start Date : 8/31/2011

Groups Printed- Pedestrians

	US 441 Southbound			SR 1531 (Cat Creek Rd.) Westbound			US 441 Northbound			Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	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	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 PM	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
06:30 PM	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
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	0	0	0	0	0	0	0	0	1
Apprch %	0	100	0	0	0	0	0	0	0	0	0	0	
Total %	0	100	0	0	0	0	0	0	0	0	0	0	