Count Number: 10-16011

County: Mitchell

Division: 13

Intersection: US 19 East at SR 1121 (Altapass Rd.)

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

Count Time Periods and Weather Conditions

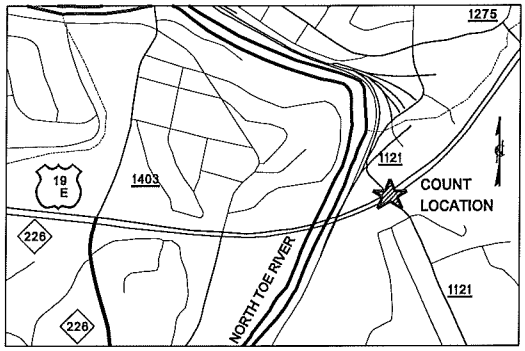
Day 1- 10/18/10, 2:00 p.m. to 7:00 p.m.
Partly Cloudy, Hi - 70, Lo - 49
Day 2- 10/19/10, 6:00 a.m. to 2:00 p.m.
Windy, 0.15 in. Rain, Hi - 70, Lo - 46

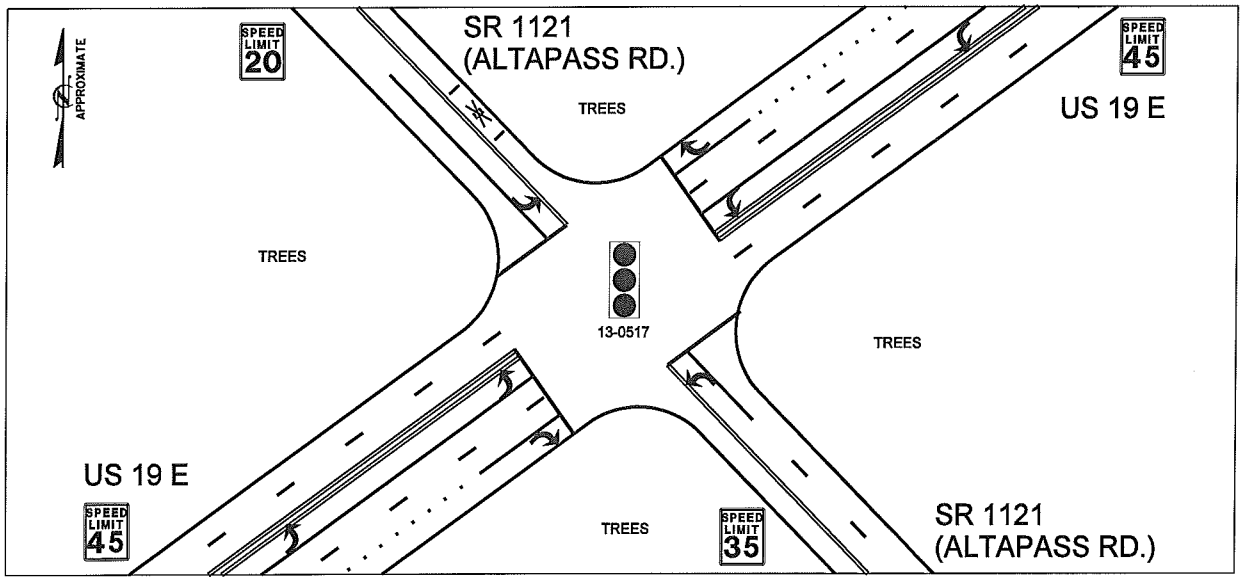
12-hr Count Volume = 12395

Comments:

1. School was in session.
2. Pedestrian movements are tabulated under the approach that they cross.
3. There are traffic signals at the intersection.
4. Signal Inventory Number: 13-0517
5. Counted by Gerald Dias.
6. Data Processor: Aaron C. Carver, PE
7. Scheduled Break: 9:00 a.m. to 10:00 a.m.
8. Break Times:
   October 18, 2010
   Interpolated values are from 6:45 p.m. to 7:00 p.m.
   October 19, 2010
   Interpolated values are from 11:45 a.m. to 12:00 p.m.
   Interpolated values are from 1:15 p.m. to 1:30 p.m.
9. Equipment used: DB-400 Intersection Counter and PetraPro Version 1.6.0

VICINITY MAP
Scale: 1in. = 1800 ft.





Count Number: 10-16011

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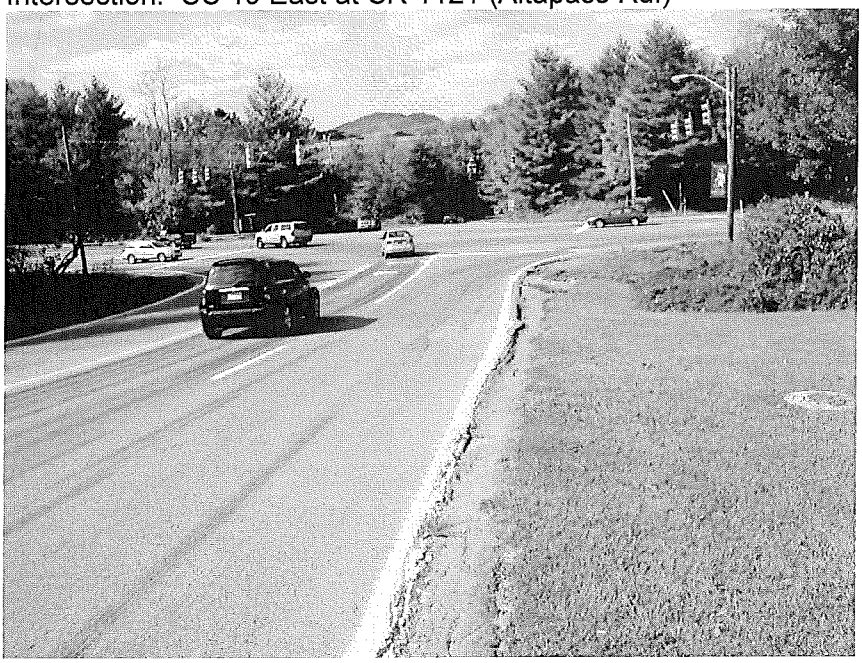
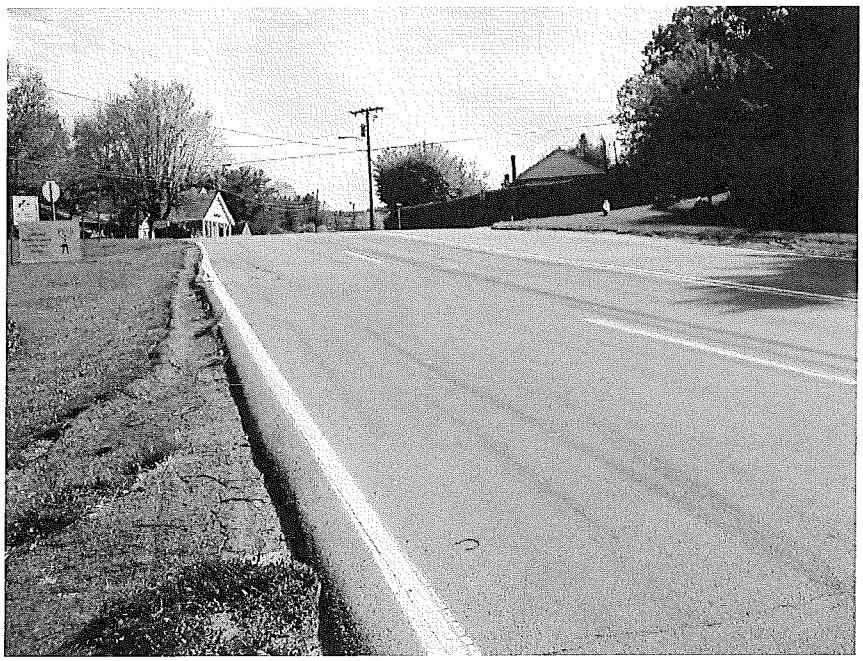


Looking West from the Westbound approach along SR 1121 (Altapass Rd.)



Looking East from the Westbound approach along SR 1121 (Altapass Rd.)

Count Number: 10-16011

County: Mitchell

Division: 13

Intersection: US 19 East at SR 1121 (Altapass Rd.)

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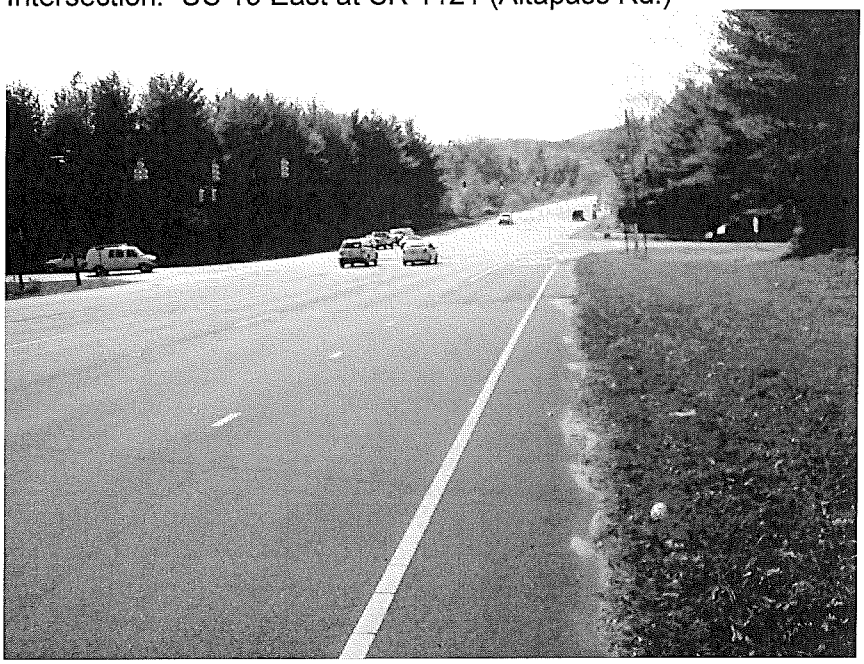

Looking South from the Southbound approach along US 19 E

Looking North from the Southbound approach along US 19 E

Count Number: 10-16011

County: Mitchell

Division: 13

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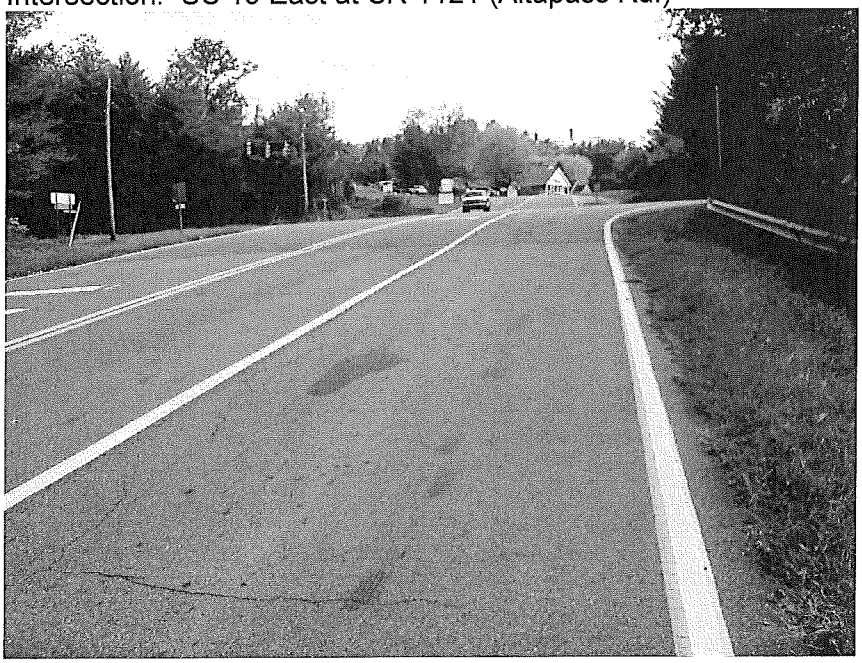
Intersection: US 19 East at SR 1121 (Altapass Rd.)



Looking East from the Eastbound approach along SR 1121 (Altapass Rd.)

Looking West from the Eastbound approach along the SR 1121 (Altapass Rd.)

Count Number: 10-16011

County: Mitchell

Division: 13

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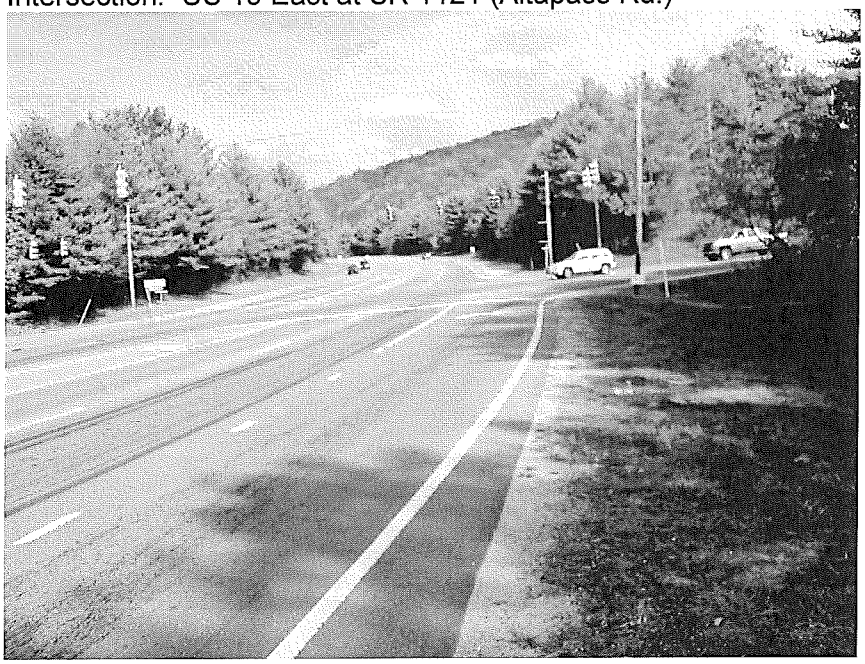
Intersection: US 19 East at SR 1121 (Altapass Rd.)



Looking North from the Northbound approach along US 19 E

Looking South from the Northbound approach along US 19 E

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File Name : 10-16011
Site Code : 10-16011
Start Date : 10/18/2010
Page No : 1

Groups Printed- All Vehicles

	US 19 E Southbound				SR 1121 (ALTAPASS ROAD) Westbound				US 19 E Northbound				SR 1121 (ALTAPASS ROAD) 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	9	51	0	1	8	0	6	1	0	28	12	0	0	1	0	0	2	115	117
06:15 AM	4	36	0	0	9	0	3	0	0	33	15	1	0	2	2	0	1	104	105
06:30 AM	7	32	0	0	10	1	4	0	0	42	42	6	1	0	2	0	6	141	147
06:45 AM	16	59	0	1	17	2	8	0	2	66	38	2	0	2	0	0	3	210	213
Total	36	178	0	2	44	3	21	1	2	169	107	9	1	5	4	0	12	570	582
07:00 AM	12	59	2	3	31	4	9	0	3	51	23	2	0	2	0	0	5	196	201
07:15 AM	14	95	0	11	31	2	11	5	0	79	43	4	0	5	1	1	21	281	302
07:30 AM	15	82	1	5	37	3	12	4	2	115	38	6	0	1	3	0	15	309	324
07:45 AM	18	74	0	9	22	5	18	8	3	126	50	3	1	2	0	0	20	319	339
Total	59	310	3	28	121	14	50	17	8	371	154	15	1	10	4	1	61	1105	1166
08:00 AM	17	76	0	6	15	8	9	2	3	99	44	4	1	4	0	0	12	276	288
08:15 AM	11	68	1	8	16	4	12	7	3	67	33	9	0	4	0	0	24	219	243
08:30 AM	17	49	0	5	20	1	8	5	1	84	36	5	1	3	3	0	15	223	238
08:45 AM	15	59	0	10	17	4	21	7	2	65	31	5	2	4	2	0	22	222	244
Total	60	252	1	29	68	17	50	21	9	315	144	23	4	15	5	0	73	940	1013
*** SCHEDULED BREAK ***																			
10:00 AM	14	51	1	5	23	3	10	5	4	68	30	6	1	12	3	0	16	220	236
10:15 AM	14	59	1	6	36	4	9	4	4	54	33	7	0	10	3	0	17	227	244
10:30 AM	19	52	1	7	21	7	15	3	6	60	31	5	0	7	4	0	15	223	238
10:45 AM	13	64	0	5	34	3	12	1	3	60	21	6	0	6	3	0	12	219	231
Total	60	226	3	23	114	17	46	13	17	242	115	24	1	35	13	0	60	889	949
11:00 AM	14	63	2	2	38	9	11	5	5	64	17	6	0	5	1	0	13	229	242
11:15 AM	7	69	0	6	33	7	14	6	6	67	28	5	0	6	5	0	17	242	259
11:30 AM	13	78	0	8	46	12	13	2	4	66	16	3	0	10	6	0	13	264	277
11:45 AM	13	68	0	5	43	8	14	2	4	61	18	5	0	10	5	0	12	244	256
Total	47	278	2	21	160	36	52	15	19	258	79	19	0	31	17	0	55	979	1034
12:00 PM	14	58	1	3	41	4	15	3	5	56	20	9	0	11	5	0	15	230	245
12:15 PM	20	67	3	3	28	9	15	3	3	64	37	6	1	9	3	0	12	259	271
12:30 PM	18	71	2	6	30	10	18	5	9	70	25	9	0	3	2	0	20	258	278
12:45 PM	18	72	3	3	22	6	13	4	4	70	37	6	1	11	8	0	13	265	278
Total	70	268	9	15	121	29	61	15	21	260	119	30	2	34	18	0	60	1012	1072
01:00 PM	15	81	0	3	33	5	12	3	4	75	20	11	0	17	6	0	17	268	285
01:15 PM	14	81	0	5	30	7	12	2	4	81	27	6	0	14	5	0	13	275	288
01:30 PM	14	81	0	7	28	9	13	1	5	88	34	2	0	11	5	0	10	288	298
01:45 PM	11	81	1	3	27	9	13	1	9	79	33	9	0	12	4	0	13	279	292
Total	54	324	1	18	118	30	50	7	22	323	114	28	0	54	20	0	53	1110	1163
02:00 PM	14	85	0	5	46	6	12	4	3	70	36	7	1	6	2	0	16	281	297
02:15 PM	10	95	0	4	39	5	18	7	3	75	29	2	0	6	4	0	13	284	297
02:30 PM	15	95	2	5	34	11	13	2	5	63	28	3	1	10	3	0	10	280	290
02:45 PM	18	82	0	3	33	8	6	2	10	71	39	3	2	6	7	0	8	282	290
Total	57	357	2	17	152	30	49	15	21	279	132	15	4	28	16	0	47	1127	1174
03:00 PM	15	79	2	3	51	13	18	1	3	81	24	10	0	8	5	0	14	299	313

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File Name : 10-16011
Site Code : 10-16011
Start Date : 10/18/2010
Page No : 2

Groups Printed- All Vehicles

	US 19 E Southbound				SR 1121 (ALTAPASS ROAD) Westbound				US 19 E Northbound				SR 1121 (ALTAPASS ROAD) 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
03:15 PM	15	85	2	4	46	5	12	4	3	81	34	6	0	7	4	0	14	294	308
03:30 PM	19	120	1	2	35	14	9	1	8	101	36	1	0	11	3	0	4	357	361
03:45 PM	20	90	0	5	43	20	25	2	4	87	38	0	0	3	6	0	7	336	343
Total	69	374	5	14	175	52	64	8	18	350	132	17	0	29	18	0	39	1286	1325
04:00 PM	21	100	0	1	37	10	21	0	5	93	37	1	0	13	6	0	2	343	345
04:15 PM	16	77	1	1	62	8	21	2	5	85	30	3	1	12	10	0	6	328	334
04:30 PM	16	91	1	3	53	6	16	2	4	101	30	1	1	3	4	1	7	326	333
04:45 PM	12	110	0	0	41	8	10	0	2	94	23	2	0	6	3	0	2	309	311
Total	65	378	2	5	193	32	68	4	16	373	120	7	2	34	23	1	17	1306	1323
05:00 PM	14	98	1	3	62	9	21	0	4	107	24	1	0	13	12	0	4	365	369
05:15 PM	8	88	3	1	50	7	11	1	4	88	35	2	0	13	3	0	4	310	314
05:30 PM	13	95	1	0	38	6	13	0	2	77	29	1	2	7	4	0	1	287	288
05:45 PM	13	86	0	2	36	5	16	1	0	79	25	0	0	7	4	0	3	271	274
Total	48	367	5	6	186	27	61	2	10	351	113	4	2	40	23	0	12	1233	1245
06:00 PM	8	90	0	0	22	6	9	0	0	60	19	0	0	6	2	0	0	222	222
06:15 PM	7	72	0	0	22	3	8	1	2	72	16	1	2	4	0	0	2	208	210
06:30 PM	9	66	0	1	30	7	3	0	2	54	28	1	0	4	1	0	2	204	206
06:45 PM	9	66	0	1	30	7	3	0	2	54	28	1	0	4	1	0	2	204	206
Total	33	294	0	2	104	23	23	1	6	240	91	3	2	18	4	0	6	838	844
Grand Total	658	3606	33	180	1556	310	595	119	169	3531	1420	194	19	333	165	2	495	12395	12890
Apprch %	15.3	83.9	0.8		63.2	12.6	24.2		3.3	69	27.7		3.7	64.4	31.9				
Total %	5.3	29.1	0.3		12.6	2.5	4.8		1.4	28.5	11.5		0.2	2.7	1.3		3.8	96.2	

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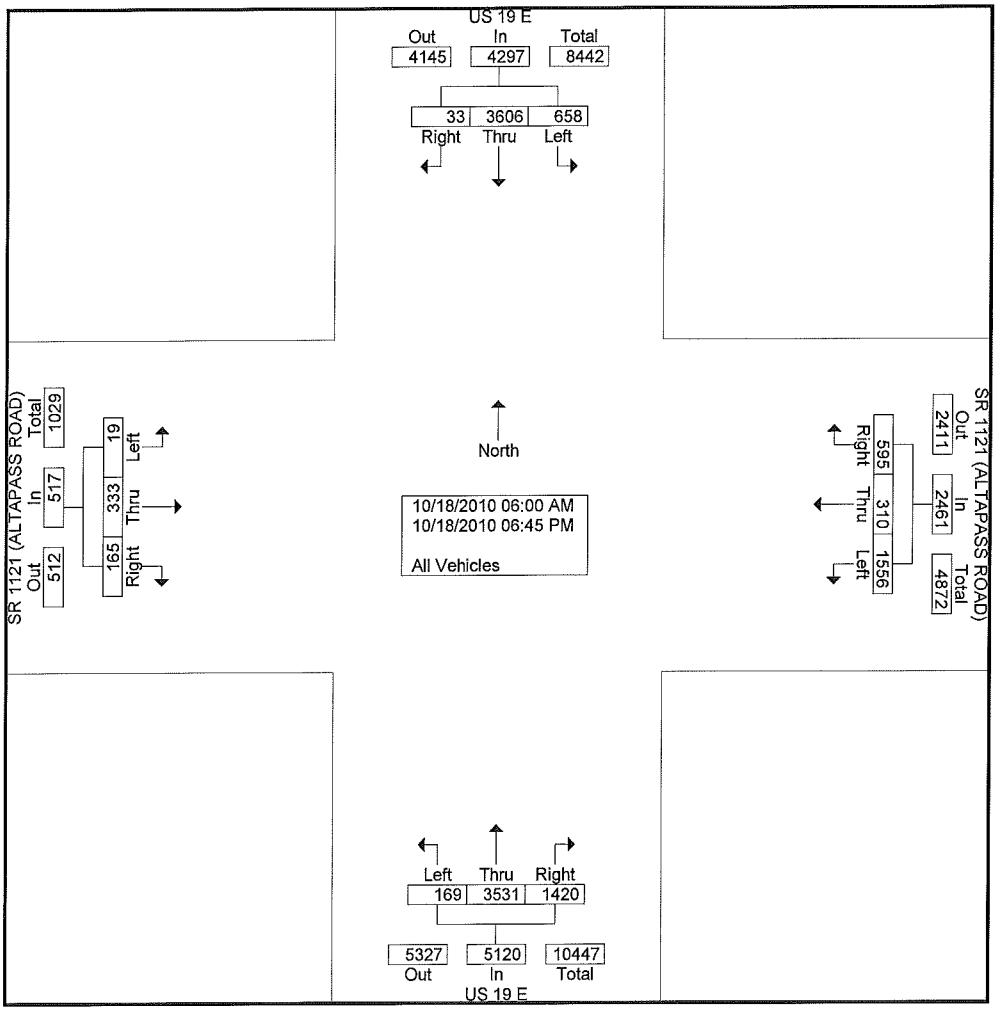

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File Name : 10-16011
Site Code : 10-16011
Start Date : 10/18/2010
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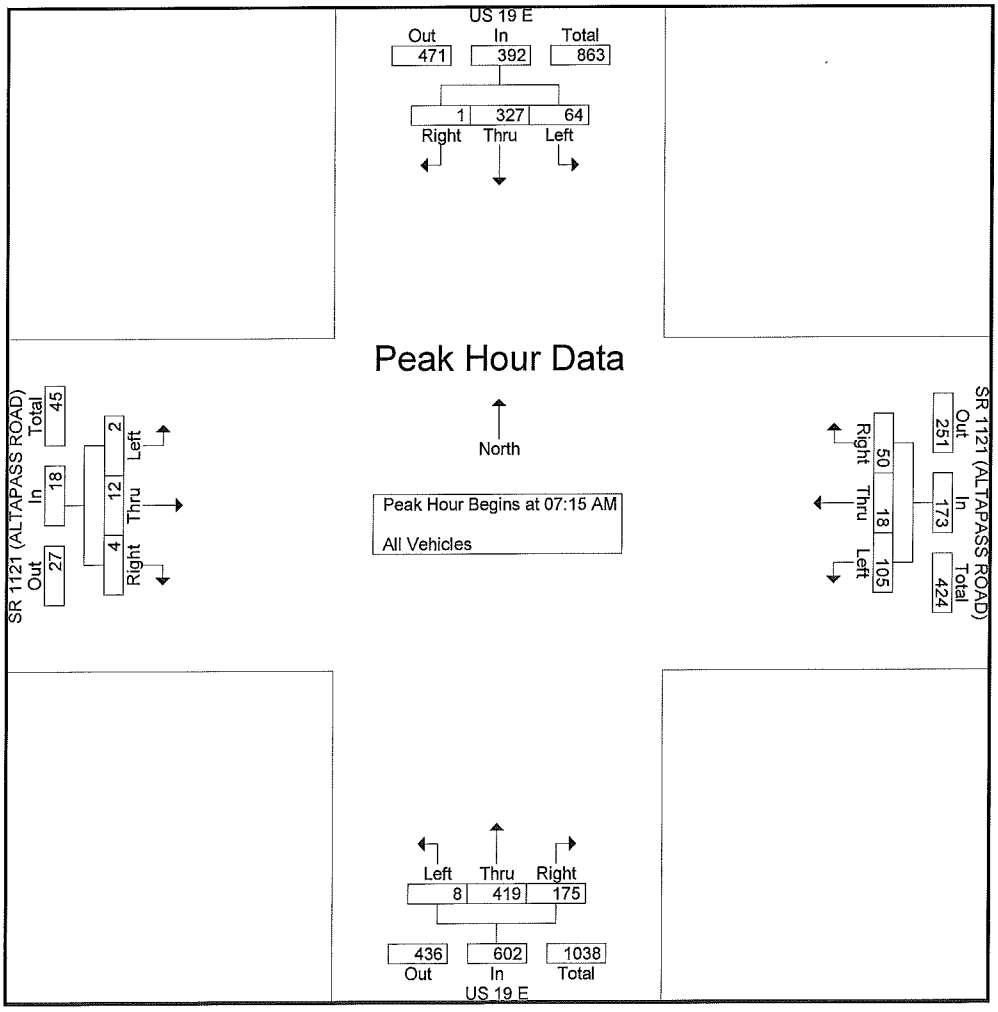
	US 19 E Southbound				SR 1121 (ALTAPASS ROAD) Westbound				US 19 E Northbound				SR 1121 (ALTAPASS ROAD) Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	14	**95**	0	**109**	31	2	11	44	0	79	43	122	0	**5**	1	**6**	281
07:30 AM	15	82	**1**	98	**37**	3	12	**52**	2	115	38	155	0	1	**3**	4	309
07:45 AM	**18**	74	0	92	22	5	**18**	45	**3**	**126**	**50**	**179**	**1**	2	0	3	**319**
08:00 AM	17	76	0	93	15	**8**	9	32	3	99	44	146	1	4	0	5	276
Total Volume	64	327	1	392	105	18	50	173	8	419	175	602	2	12	4	18	1185
% App. Total	16.3	83.4	0.3		60.7	10.4	28.9		1.3	69.6	29.1		11.1	66.7	22.2		
PHF	.889	.861	.250	.899	.709	.563	.694	.832	.667	.831	.875	.841	.500	.600	.333	.750	.929



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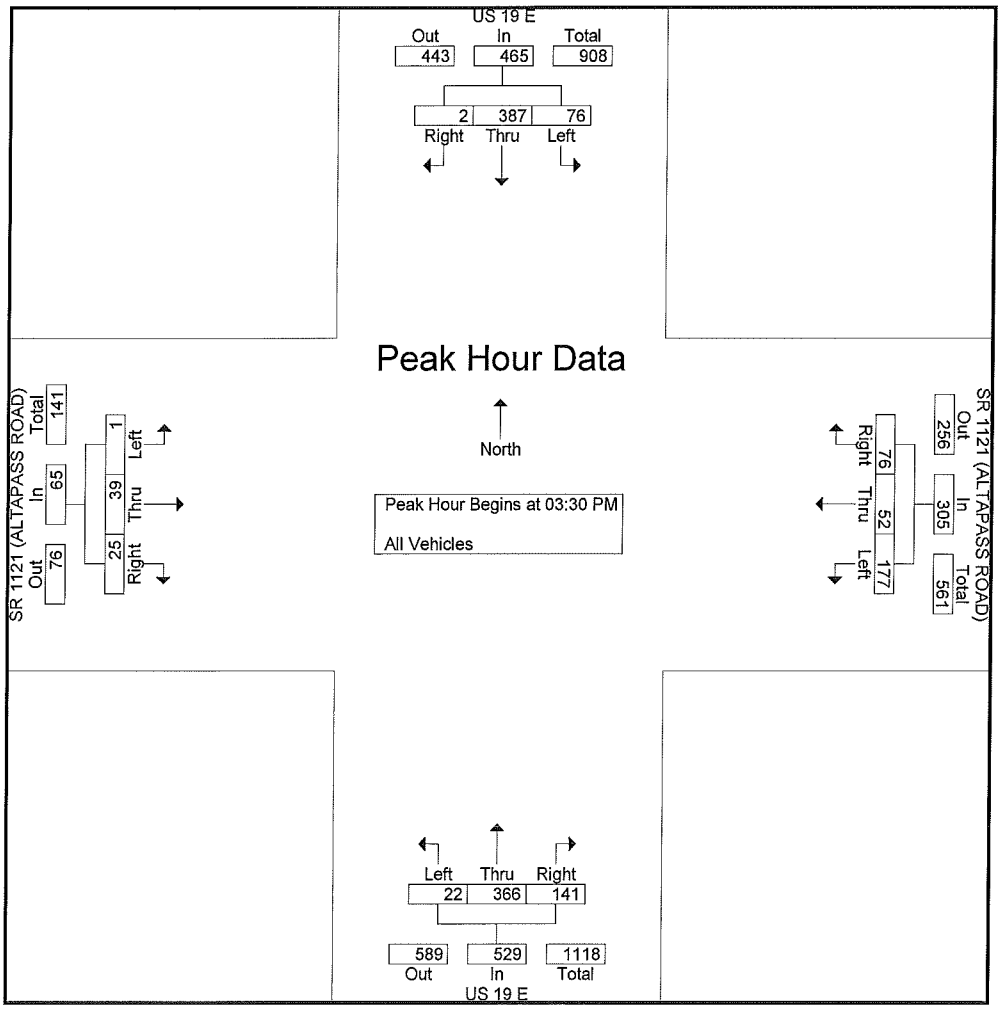
File Name : 10-16011
Site Code : 10-16011
Start Date : 10/18/2010
Page No : 5

	US 19 E Southbound				SR 1121 (ALTAPASS ROAD) Westbound				US 19 E Northbound				SR 1121 (ALTAPASS ROAD) 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 03:30 PM																	
03:30 PM	19	**120**	**1**	**140**	35	14	9	58	**8**	**101**	36	**145**	0	11	3	14	**357**
03:45 PM	20	90	0	110	43	**20**	**25**	88	4	87	**38**	129	0	3	6	9	336
04:00 PM	**21**	100	0	121	37	10	21	68	5	93	37	135	0	**13**	6	19	343
04:15 PM	16	77	1	94	**62**	8	21	**91**	5	85	30	120	**1**	12	**10**	**23**	328
Total Volume	76	387	2	465	177	52	76	305	22	366	141	529	1	39	25	65	1364
% App. Total	16.3	83.2	0.4		58	17	24.9		4.2	69.2	26.7		1.5	60	38.5		
PHF	.905	.806	.500	.830	.714	.650	.760	.838	.688	.906	.928	.912	.250	.750	.625	.707	.955



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File Name : 10-16011
Site Code : 10-16011
Start Date : 10/18/2010

Groups Printed- Pedestrians

	US 19 E Southbound			SR 1121 (ALTAPASS ROAD) Westbound			US 19 E Northbound			SR 1121 (ALTAPASS ROAD) 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	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
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

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File Name : 10-16011
Site Code : 10-16011
Start Date : 10/18/2010

Groups Printed- Pedestrians

	US 19 E Southbound			SR 1121 (ALTAPASS ROAD) Westbound			US 19 E Northbound			SR 1121 (ALTAPASS ROAD) Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
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
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	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0	0	0	0	0	0	0	0	0	0	
Total %													