



Count Number: 1346  
County: Wilkes  
City: North Wilkesboro  
Division: 11

Count Type: TM - Standard Single Point  
Duration: 13 hours  
Count Volume: 7,011 vehicles  
Signal Inventory #: 11-0914

Intersection: US 421 Business / NC 18-268 (D Street) and D Street at 6th Street and US 421 Business / NC 15-268 (6th Street)

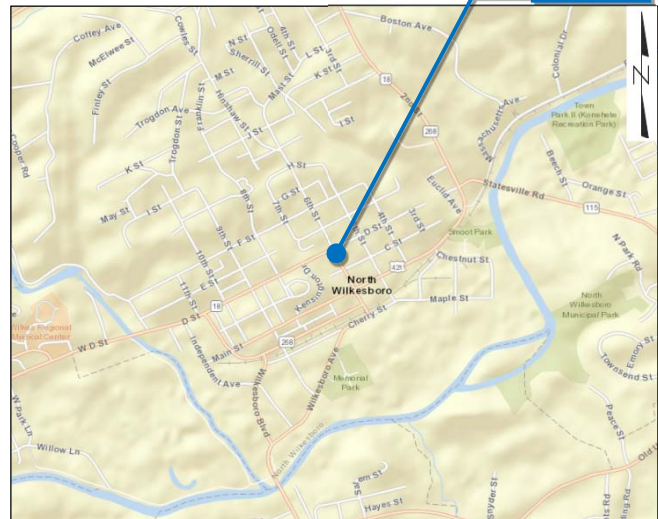
Count Date:	Count Time:	NOAA Weather Conditions:	Sky Cover:	Rain (in):	Hi:	Low:
Tuesday, March 12, 2019	6:00 AM to 7:00 PM	Sunny	0.7	0.0	64	39

Comments:

- Counted By: Bill Newman
- Break Times: N/A
- Data Processor: Chris Murden
- Project Manager: Steve Epley
- Traffic Control: Signal Controlled
- School in Session: Yes  
Wilkes County Schools
- Disabled Pedestrians: None Observed
- Construction Present: None Observed
- Traffic Flow Disruptions: None Observed
- Area Lighting Present: Yes
- Unique Conditions: None Observed
- Method Used: Video Camera
- Tabulation Used: Miovision
- Manufacturer/Type Used: Miovision Scout
- Equipment was working properly

Observed Weather Conditions:	Sky Cover:	Rain (in):	Hi:	Low:
N/A (Video Count)	-	-	-	-

Count Location



Vicinity Map

(ESRI Arc GIS)



Intersection Site Map

(Google Earth Pro)



Count Number: 1346  
County: Wilkes  
City: North Wilkesboro  
Division: 11

Intersection: US 421 Business / NC 18-268 (D Street) and D Street at 6th Street and US 421 Business / NC 15-268 (6th Street)

Southbound Approach: 6th Street

Stop sign within 300 feet: No  
Signal within 300 feet: No  
Railroad within 200 feet: No      If Yes: \_\_\_\_ feet



**Looking south toward intersection**



**Looking north away from intersection**





Count Number: 1346  
County: Wilkes  
City: North Wilkesboro  
Division: 11

Intersection: US 421 Business / NC 18-268 (D Street) and D Street at 6th Street and US 421 Business / NC 15-268 (6th Street)

Northbound Approach: US 421 Business / NC 18-268 (6th Street)

Stop sign within 300 feet: No

Signal within 300 feet: No

Railroad within 200 feet: No      If Yes: \_\_\_\_ feet



**Looking north toward intersection**



**Looking south away from intersection**



Count Number: 1346  
County: Wilkes  
City: North Wilkesboro  
Division: 11

Intersection: US 421 Business / NC 18-268 (D Street) and D Street at 6th Street and US 421 Business / NC 15-268 (6th Street)

Westbound Approach: D Street

Stop sign within 300 feet: No

Signal within 300 feet: No

Railroad within 200 feet: No If Yes: \_\_\_\_ feet



Looking west toward intersection



Looking east away from intersection





Count Number: 1346  
County: Wilkes  
City: North Wilkesboro  
Division: 11

Intersection: US 421 Business / NC 18-268 (D Street) and D Street at 6th Street and US 421 Business / NC 15-268 (6th Street)

Eastbound Approach: US 421 Business / NC 18-268 (6th Street)

Stop sign within 300 feet: No  
Signal within 300 feet: No  
Railroad within 200 feet: No      If Yes: \_\_\_\_ feet



**Looking east toward intersection**



**Looking west away from intersection**



Count Number: 1346  
County: Wilkes  
City: North Wilkesboro  
Division: 11

Intersection: US 421 Business / NC 18-268 (D Street) and D Street at 6th Street and US 421 Business / NC 15-268 (6th Street)



**Roadway Signs**



**Signal Cabinet**



Count Number: 1346  
County: Wilkes  
City: North Wilkesboro  
Division: 11

Intersection: US 421 Business / NC 18-268 (D Street) and D Street at 6th Street and US 421 Business / NC 15-268 (6th Street)



**Miovision Camera**



# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 1

## Groups Printed- Passenger Vehicles - Trucks

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18-268 (6th Street) Northbound				US 421 Business / NC 18-268 (D Street) Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Int. Total
06:00 AM	0	0	24	0	0	1	0	0	3	2	0	0	6	0	2	0	38
06:15 AM	2	4	19	0	0	3	0	0	7	1	0	0	8	0	5	0	49
06:30 AM	0	8	25	0	0	1	0	0	7	1	0	0	9	3	1	0	55
06:45 AM	0	8	40	0	0	3	0	0	14	3	0	0	9	2	7	0	86
Total	2	20	108	0	0	8	0	0	31	7	0	0	32	5	15	0	228
07:00 AM	1	21	36	0	1	3	1	0	2	5	2	0	12	6	6	0	96
07:15 AM	0	16	42	0	1	3	0	0	11	7	0	0	21	1	5	0	107
07:30 AM	1	8	72	0	1	5	0	0	14	10	1	0	33	2	4	0	151
07:45 AM	1	13	89	0	1	7	1	0	20	7	0	0	26	4	11	0	180
Total	3	58	239	0	4	18	2	0	47	29	3	0	92	13	26	0	534
08:00 AM	0	18	64	0	0	7	0	0	17	8	1	0	7	5	17	0	144
08:15 AM	1	3	35	0	1	5	0	0	12	2	0	0	16	2	16	0	93
08:30 AM	1	7	50	0	0	6	0	0	18	8	1	0	26	4	11	0	132
08:45 AM	2	13	57	0	0	3	1	0	16	9	0	0	23	4	19	0	147
Total	4	41	206	0	1	21	1	0	63	27	2	0	72	15	63	0	516
09:00 AM	1	9	36	0	0	3	2	0	10	7	0	0	17	3	15	0	103
09:15 AM	1	8	43	0	0	3	0	0	15	8	1	0	23	1	20	0	123
09:30 AM	0	9	34	0	0	4	0	0	19	8	1	0	17	2	10	0	104
09:45 AM	2	7	39	0	0	2	2	0	19	2	2	0	21	2	13	0	111
Total	4	33	152	0	0	12	4	0	63	25	4	0	78	8	58	0	441
10:00 AM	0	4	26	0	1	5	0	0	14	7	3	0	23	7	29	0	119
10:15 AM	0	3	33	0	0	5	3	0	17	4	1	0	24	3	14	0	107
10:30 AM	1	7	28	0	0	6	0	0	18	4	0	0	18	1	22	0	105
10:45 AM	1	7	41	0	0	6	2	0	16	10	1	0	28	3	19	0	134
Total	2	21	128	0	1	22	5	0	65	25	5	0	93	14	84	0	465
11:00 AM	0	7	29	0	1	4	0	0	21	6	1	0	25	0	21	0	115
11:15 AM	1	7	33	0	2	5	2	0	19	10	2	0	30	6	19	0	136
11:30 AM	1	13	26	0	2	8	1	0	18	9	0	0	28	6	26	0	138
11:45 AM	0	16	40	0	0	3	1	0	18	10	0	0	36	8	22	0	154
Total	2	43	128	0	5	20	4	0	76	35	3	0	119	20	88	0	543
12:00 PM	0	11	36	0	0	2	0	0	22	16	2	0	35	1	18	0	143
12:15 PM	0	6	30	0	1	9	2	0	23	8	0	0	34	5	25	0	143
12:30 PM	0	14	24	0	0	8	2	0	24	10	2	0	35	1	28	0	148
12:45 PM	0	16	35	0	0	3	0	0	23	18	3	0	29	4	34	0	165
Total	0	47	125	0	1	22	4	0	92	52	7	0	133	11	105	0	599
01:00 PM	0	10	33	0	0	5	0	0	22	19	1	0	31	3	18	0	142
01:15 PM	0	8	34	0	1	4	1	0	31	17	0	0	38	2	28	0	164
01:30 PM	1	12	37	0	1	7	0	0	19	11	1	0	33	7	18	0	147
01:45 PM	1	16	24	0	0	4	1	0	33	15	3	0	31	4	16	0	148
Total	2	46	128	0	2	20	2	0	105	62	5	0	133	16	80	0	601
02:00 PM	0	6	26	0	1	5	0	0	17	20	2	0	28	8	28	0	141
02:15 PM	0	7	23	0	1	5	0	0	28	10	1	0	33	5	21	0	134
02:30 PM	0	17	30	0	1	2	1	0	22	14	0	0	39	7	30	0	163
02:45 PM	0	8	26	0	0	2	0	0	24	13	0	0	46	1	20	0	140
Total	0	38	105	0	3	14	1	0	91	57	3	0	146	21	99	0	578
03:00 PM	0	10	22	0	0	2	1	0	24	21	2	0	37	4	24	0	147
03:15 PM	0	16	31	0	0	3	0	0	27	14	3	0	39	3	24	0	160
03:30 PM	0	11	30	0	1	5	2	0	24	14	0	0	33	9	24	0	153
03:45 PM	2	10	26	0	1	4	2	0	21	24	2	0	46	8	27	0	173
Total	2	47	109	0	2	14	5	0	96	73	7	0	155	24	99	0	633



# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 2

## Groups Printed- Passenger Vehicles - Trucks

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18- 268 (6th Street) Northbound				US 421 Business / NC 18- 268 (D Street) Eastbound				Int. Total
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	
04:00 PM	1	16	45	0	0	1	0	0	16	23	0	0	33	5	27	0	167
04:15 PM	1	12	28	0	0	7	0	0	19	14	1	0	40	7	26	0	155
04:30 PM	0	9	41	0	2	4	1	0	30	22	2	0	50	6	20	0	187
04:45 PM	0	9	37	0	0	6	2	0	18	13	0	0	45	5	26	0	161
Total	2	46	151	0	2	18	3	0	83	72	3	0	168	23	99	0	670
05:00 PM	0	11	28	0	0	4	1	0	36	30	1	0	52	6	29	0	198
05:15 PM	3	21	33	0	0	7	3	0	17	19	1	0	45	12	30	0	191
05:30 PM	0	10	19	0	1	4	2	0	16	29	1	0	39	8	23	0	152
05:45 PM	0	17	24	0	1	10	1	0	26	21	1	0	39	9	15	0	164
Total	3	59	104	0	2	25	7	0	95	99	4	0	175	35	97	0	705
06:00 PM	1	5	25	0	1	2	0	0	15	13	1	0	44	9	17	0	133
06:15 PM	0	11	29	0	1	3	2	0	15	21	4	0	39	4	22	0	151
06:30 PM	2	6	18	0	1	3	3	0	8	15	0	0	32	4	14	0	106
06:45 PM	0	7	19	0	0	1	0	0	8	19	1	0	39	3	11	0	108
Total	3	29	91	0	3	9	5	0	46	68	6	0	154	20	64	0	498
Grand Total	29	528	1774	0	26	223	43	0	953	631	52	0	1550	225	977	0	7011
Apprch %	1.2	22.7	76.1	0	8.9	76.4	14.7	0	58.3	38.6	3.2	0	56.3	8.2	35.5	0	
Total %	0.4	7.5	25.3	0	0.4	3.2	0.6	0	13.6	9	0.7	0	22.1	3.2	13.9	0	
Passenger Vehicles	28	514	1733	0	24	222	43	0	918	621	49	0	1515	223	948	0	6838
% Passenger Vehicles	96.6	97.3	97.7	0	92.3	99.6	100	0	96.3	98.4	94.2	0	97.7	99.1	97	0	97.5
Trucks	1	14	41	0	2	1	0	0	35	10	3	0	35	2	29	0	173
% Trucks	3.4	2.7	2.3	0	7.7	0.4	0	0	3.7	1.6	5.8	0	2.3	0.9	3	0	2.5

# VHB Engineering NC, P.C.

Venture I

940 Main Campus Drive, Suite 500

Raleigh, NC 27606

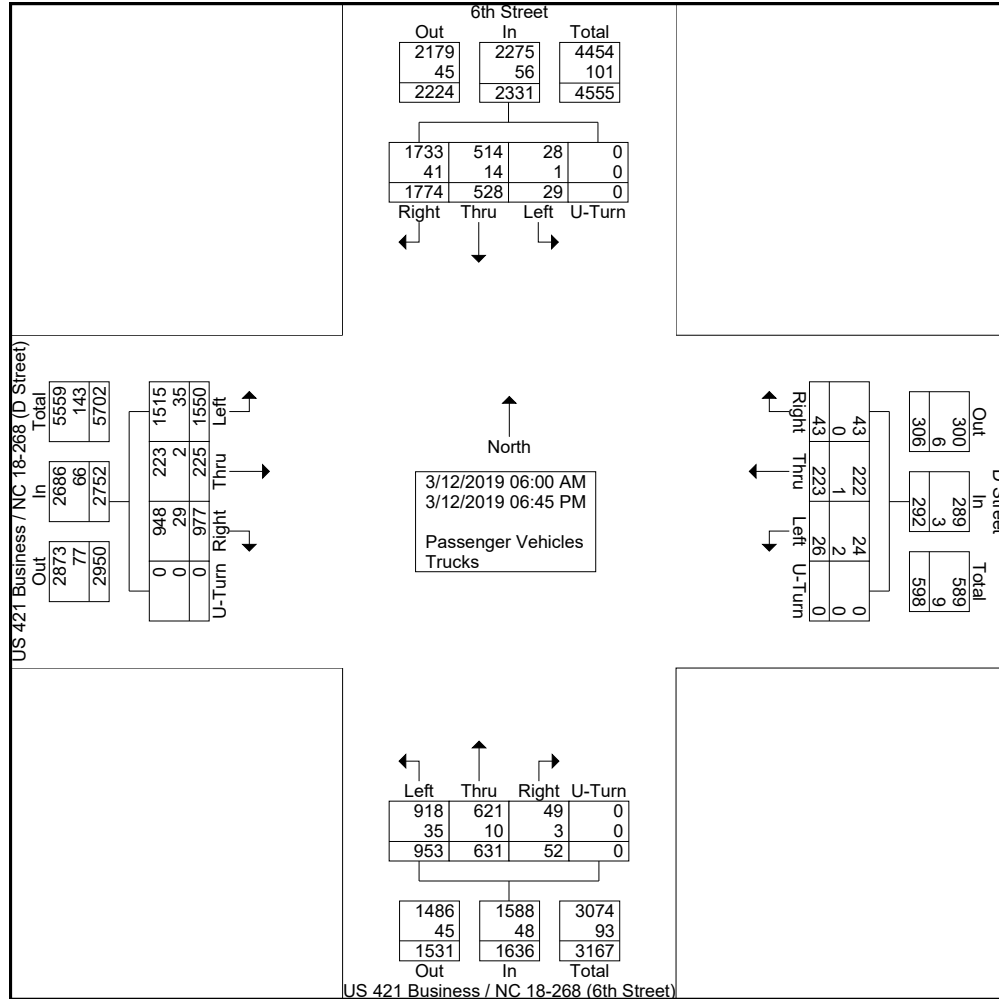
p: 919.829.0328 f: 919.833.0034

File Name : 1346

Site Code :

Start Date : 3/12/2019

Page No : 3

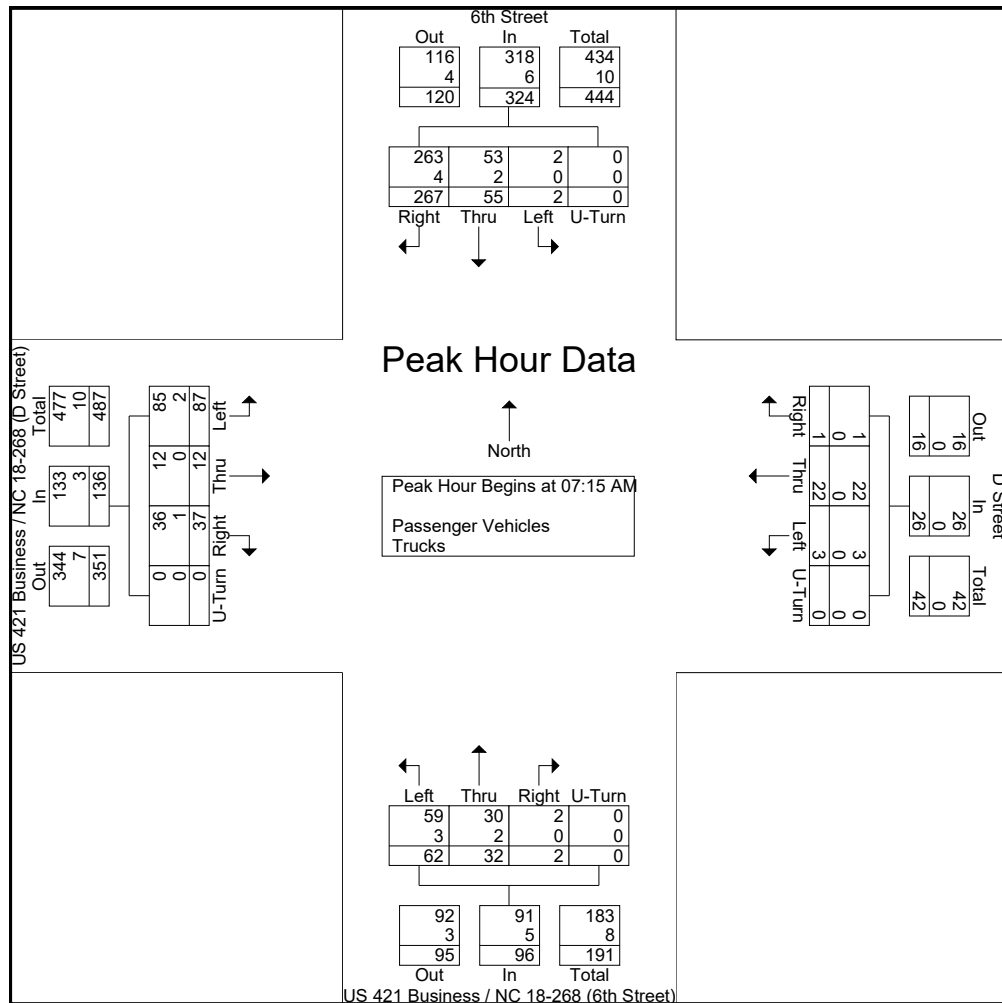


# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 4

	6th Street Southbound					D Street Westbound					US 421 Business / NC 18-268 (6th Street) Northbound					US 421 Business / NC 18-268 (D Street) Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	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	0	16	42	0	58	1	3	0	0	4	11	7	0	0	18	21	1	5	0	27	107
07:30 AM	1	8	72	0	81	1	5	0	0	6	14	10	1	0	25	33	2	4	0	39	151
07:45 AM	1	13	89	0	103	1	7	1	0	9	20	7	0	0	27	26	4	11	0	41	180
08:00 AM	0	18	64	0	82	0	7	0	0	7	17	8	1	0	26	7	5	17	0	29	144
Total Volume	2	55	267	0	324	3	22	1	0	26	62	32	2	0	96	87	12	37	0	136	582
% App. Total	0.6	17	82.4	0		11.5	84.6	3.8	0		64.6	33.3	2.1	0		64	8.8	27.2	0		
PHF	.500	.764	.750	.000	.786	.750	.786	.250	.000	.722	.775	.800	.500	.000	.889	.659	.600	.544	.000	.829	.808
Passenger Vehicles	2	53	263	0	318	3	22	1	0	26	59	30	2	0	91	85	12	36	0	133	568
% Passenger Vehicles	100	96.4	98.5	0	98.1	100	100	100	0	100	95.2	93.8	100	0	94.8	97.7	100	97.3	0	97.8	97.6
Trucks	0	2	4	0	6	0	0	0	0	0	3	2	0	0	5	2	0	1	0	3	14
% Trucks	0	3.6	1.5	0	1.9	0	0	0	0	0	4.8	6.3	0	0	5.2	2.3	0	2.7	0	2.2	2.4



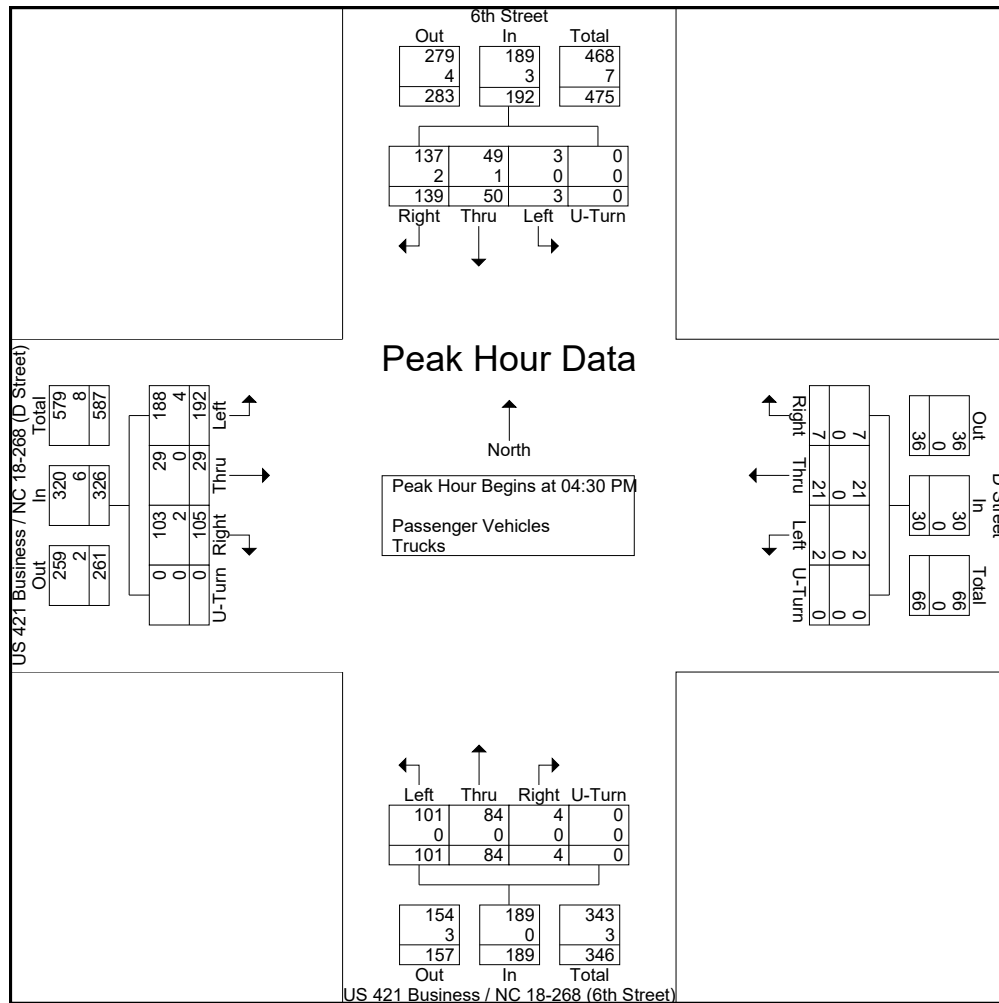


# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 5

	6th Street Southbound					D Street Westbound					US 421 Business / NC 18-268 (6th Street) Northbound					US 421 Business / NC 18-268 (D Street) Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	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	0	9	41	0	50	2	4	1	0	7	30	22	2	0	54	50	6	20	0	76	187
04:45 PM	0	9	37	0	46	0	6	2	0	8	18	13	0	0	31	45	5	26	0	76	161
05:00 PM	0	11	28	0	39	0	4	1	0	5	36	30	1	0	67	52	6	29	0	87	198
05:15 PM	3	21	33	0	57	0	7	3	0	10	17	19	1	0	37	45	12	30	0	87	191
Total Volume	3	50	139	0	192	2	21	7	0	30	101	84	4	0	189	192	29	105	0	326	737
% App. Total	1.6	26	72.4	0		6.7	70	23.3	0		53.4	44.4	2.1	0		58.9	8.9	32.2	0		
PHF	.250	.595	.848	.000	.842	.250	.750	.583	.000	.750	.701	.700	.500	.000	.705	.923	.604	.875	.000	.937	.931
Passenger Vehicles	3	49	137	0	189	2	21	7	0	30	101	84	4	0	189	188	29	103	0	320	728
% Passenger Vehicles	100	98.0	98.6	0	98.4	100	100	100	0	100	100	100	100	0	100	97.9	100	98.1	0	98.2	98.8
Trucks	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	4	0	2	0	6	9
% Trucks	0	2.0	1.4	0	1.6	0	0	0	0	0	0	0	0	0	0	2.1	0	1.9	0	1.8	1.2



# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 1

## Groups Printed- Passenger Vehicles

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18- 268 (6th Street) Northbound				US 421 Business / NC 18- 268 (D Street) Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Int. Total
06:00 AM	0	0	23	0	0	1	0	0	3	2	0	0	6	0	2	0	37
06:15 AM	1	4	19	0	0	2	0	0	6	1	0	0	7	0	2	0	42
06:30 AM	0	8	25	0	0	1	0	0	6	1	0	0	8	3	0	0	52
06:45 AM	0	8	40	0	0	3	0	0	14	3	0	0	9	2	7	0	86
Total	1	20	107	0	0	7	0	0	29	7	0	0	30	5	11	0	217
07:00 AM	1	20	35	0	0	3	1	0	2	5	1	0	12	6	6	0	92
07:15 AM	0	15	42	0	1	3	0	0	10	5	0	0	21	1	5	0	103
07:30 AM	1	7	71	0	1	5	0	0	14	10	1	0	32	2	4	0	148
07:45 AM	1	13	86	0	1	7	1	0	19	7	0	0	26	4	11	0	176
Total	3	55	234	0	3	18	2	0	45	27	2	0	91	13	26	0	519
08:00 AM	0	18	64	0	0	7	0	0	16	8	1	0	6	5	16	0	141
08:15 AM	1	3	34	0	1	5	0	0	12	2	0	0	16	2	16	0	92
08:30 AM	1	7	48	0	0	6	0	0	17	8	1	0	25	4	11	0	128
08:45 AM	2	12	56	0	0	3	1	0	15	8	0	0	22	4	17	0	140
Total	4	40	202	0	1	21	1	0	60	26	2	0	69	15	60	0	501
09:00 AM	1	9	35	0	0	3	2	0	10	7	0	0	15	3	15	0	100
09:15 AM	1	7	42	0	0	3	0	0	13	7	1	0	22	0	20	0	116
09:30 AM	0	7	33	0	0	4	0	0	19	7	1	0	15	2	10	0	98
09:45 AM	2	7	38	0	0	2	2	0	19	2	1	0	21	2	13	0	109
Total	4	30	148	0	0	12	4	0	61	23	3	0	73	7	58	0	423
10:00 AM	0	4	26	0	1	5	0	0	14	7	3	0	22	7	27	0	116
10:15 AM	0	3	32	0	0	5	3	0	17	4	1	0	23	3	12	0	103
10:30 AM	1	7	26	0	0	6	0	0	18	4	0	0	17	1	22	0	102
10:45 AM	1	7	38	0	0	6	2	0	14	10	1	0	27	3	19	0	128
Total	2	21	122	0	1	22	5	0	63	25	5	0	89	14	80	0	449
11:00 AM	0	7	28	0	1	4	0	0	17	6	1	0	24	0	19	0	107
11:15 AM	1	7	31	0	2	5	2	0	19	10	2	0	29	6	19	0	133
11:30 AM	1	13	25	0	2	8	1	0	17	9	0	0	28	6	23	0	133
11:45 AM	0	16	40	0	0	3	1	0	16	10	0	0	36	8	22	0	152
Total	2	43	124	0	5	20	4	0	69	35	3	0	117	20	83	0	525
12:00 PM	0	11	36	0	0	2	0	0	22	16	2	0	34	1	17	0	141
12:15 PM	0	5	30	0	1	9	2	0	21	8	0	0	33	5	25	0	139
12:30 PM	0	14	24	0	0	8	2	0	24	10	2	0	35	1	27	0	147
12:45 PM	0	16	32	0	0	3	0	0	22	17	3	0	29	4	33	0	159
Total	0	46	122	0	1	22	4	0	89	51	7	0	131	11	102	0	586
01:00 PM	0	10	33	0	0	5	0	0	22	19	1	0	29	3	18	0	140
01:15 PM	0	8	33	0	1	4	1	0	31	17	0	0	37	2	27	0	161
01:30 PM	1	12	35	0	1	7	0	0	17	11	1	0	33	7	17	0	142
01:45 PM	1	16	24	0	0	4	1	0	28	15	3	0	31	4	15	0	142
Total	2	46	125	0	2	20	2	0	98	62	5	0	130	16	77	0	585
02:00 PM	0	5	26	0	1	5	0	0	16	20	2	0	25	8	26	0	134
02:15 PM	0	6	22	0	1	5	0	0	27	10	1	0	33	5	21	0	131
02:30 PM	0	17	29	0	1	2	1	0	20	14	0	0	38	7	29	0	158
02:45 PM	0	8	25	0	0	2	0	0	23	13	0	0	45	1	20	0	137
Total	0	36	102	0	3	14	1	0	86	57	3	0	141	21	96	0	560
03:00 PM	0	9	18	0	0	2	1	0	24	21	2	0	37	4	23	0	141
03:15 PM	0	16	31	0	0	3	0	0	27	13	2	0	39	3	24	0	158
03:30 PM	0	11	30	0	1	5	2	0	23	14	0	0	32	9	24	0	151
03:45 PM	2	9	26	0	0	4	2	0	21	23	2	0	46	8	27	0	170
Total	2	45	105	0	1	14	5	0	95	71	6	0	154	24	98	0	620

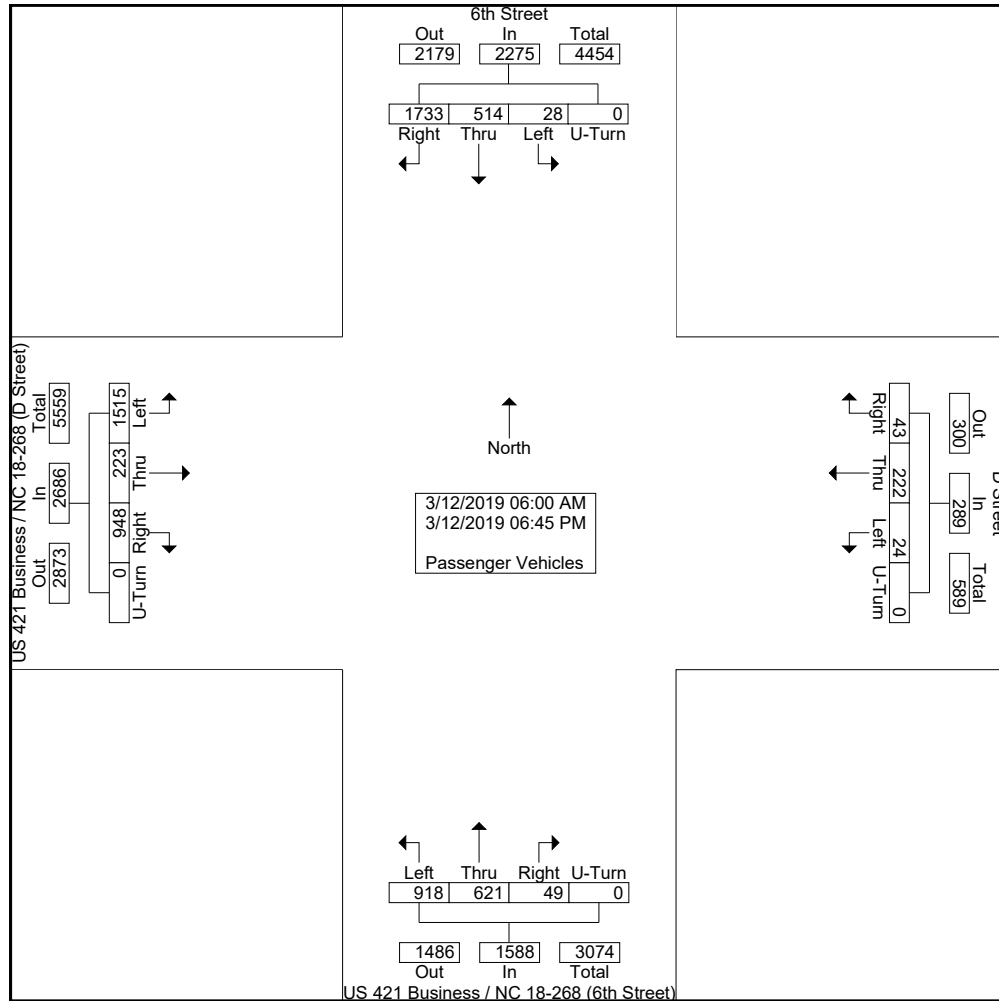
# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 2

## Groups Printed- Passenger Vehicles

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18-268 (6th Street) Northbound				US 421 Business / NC 18-268 (D Street) Eastbound				Int. Total
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	
04:00 PM	1	15	44	0	0	1	0	0	16	21	0	0	33	5	27	0	163
04:15 PM	1	12	28	0	0	7	0	0	19	14	1	0	39	6	25	0	152
04:30 PM	0	9	41	0	2	4	1	0	30	22	2	0	50	6	20	0	187
04:45 PM	0	9	36	0	0	6	2	0	18	13	0	0	44	5	25	0	158
Total	2	45	149	0	2	18	3	0	83	70	3	0	166	22	97	0	660
05:00 PM	0	11	27	0	0	4	1	0	36	30	1	0	52	6	28	0	196
05:15 PM	3	20	33	0	0	7	3	0	17	19	1	0	42	12	30	0	187
05:30 PM	0	10	18	0	1	4	2	0	15	29	1	0	39	8	23	0	150
05:45 PM	0	17	24	0	1	10	1	0	26	21	1	0	39	9	15	0	164
Total	3	58	102	0	2	25	7	0	94	99	4	0	172	35	96	0	697
06:00 PM	1	5	25	0	1	2	0	0	15	13	1	0	43	9	17	0	132
06:15 PM	0	11	29	0	1	3	2	0	15	21	4	0	38	4	22	0	150
06:30 PM	2	6	18	0	1	3	3	0	8	15	0	0	32	4	14	0	106
06:45 PM	0	7	19	0	0	1	0	0	8	19	1	0	39	3	11	0	108
Total	3	29	91	0	3	9	5	0	46	68	6	0	152	20	64	0	496
Grand Total	28	514	1733	0	24	222	43	0	918	621	49	0	1515	223	948	0	6838
Apprch %	1.2	22.6	76.2	0	8.3	76.8	14.9	0	57.8	39.1	3.1	0	56.4	8.3	35.3	0	
Total %	0.4	7.5	25.3	0	0.4	3.2	0.6	0	13.4	9.1	0.7	0	22.2	3.3	13.9	0	



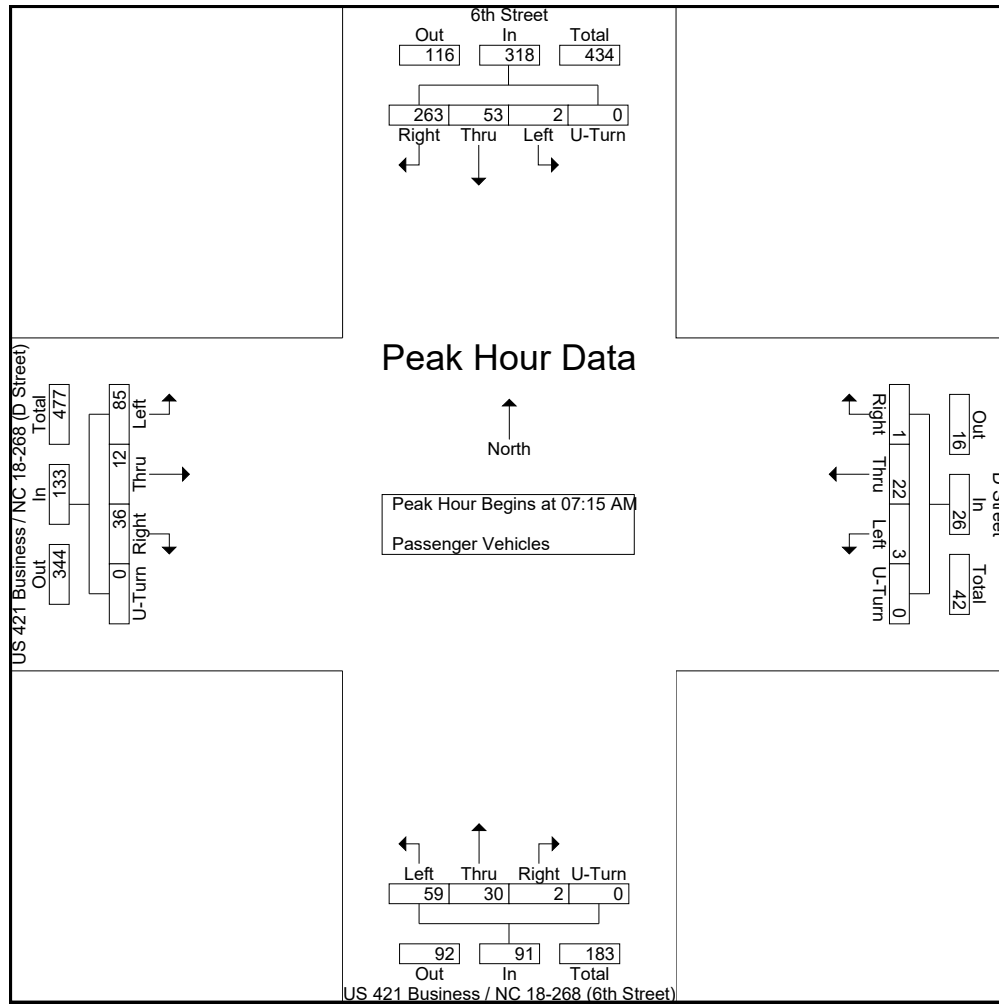


# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 3

	6th Street Southbound					D Street Westbound					US 421 Business / NC 18-268 (6th Street) Northbound					US 421 Business / NC 18-268 (D Street) Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	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	0	15	42	0	57	1	3	0	0	4	10	5	0	0	15	21	1	5	0	27	103
07:30 AM	1	7	71	0	79	1	5	0	0	6	14	10	1	0	25	32	2	4	0	38	148
07:45 AM	1	13	86	0	100	1	7	1	0	9	19	7	0	0	26	26	4	11	0	41	176
08:00 AM	0	18	64	0	82	0	7	0	0	7	16	8	1	0	25	6	5	16	0	27	141
Total Volume	2	53	263	0	318	3	22	1	0	26	59	30	2	0	91	85	12	36	0	133	568
% App. Total	0.6	16.7	82.7	0		11.5	84.6	3.8	0		64.8	33	2.2	0		63.9	9	27.1	0		
PHF	.500	.736	.765	.000	.795	.750	.786	.250	.000	.722	.776	.750	.500	.000	.875	.664	.600	.563	.000	.811	.807

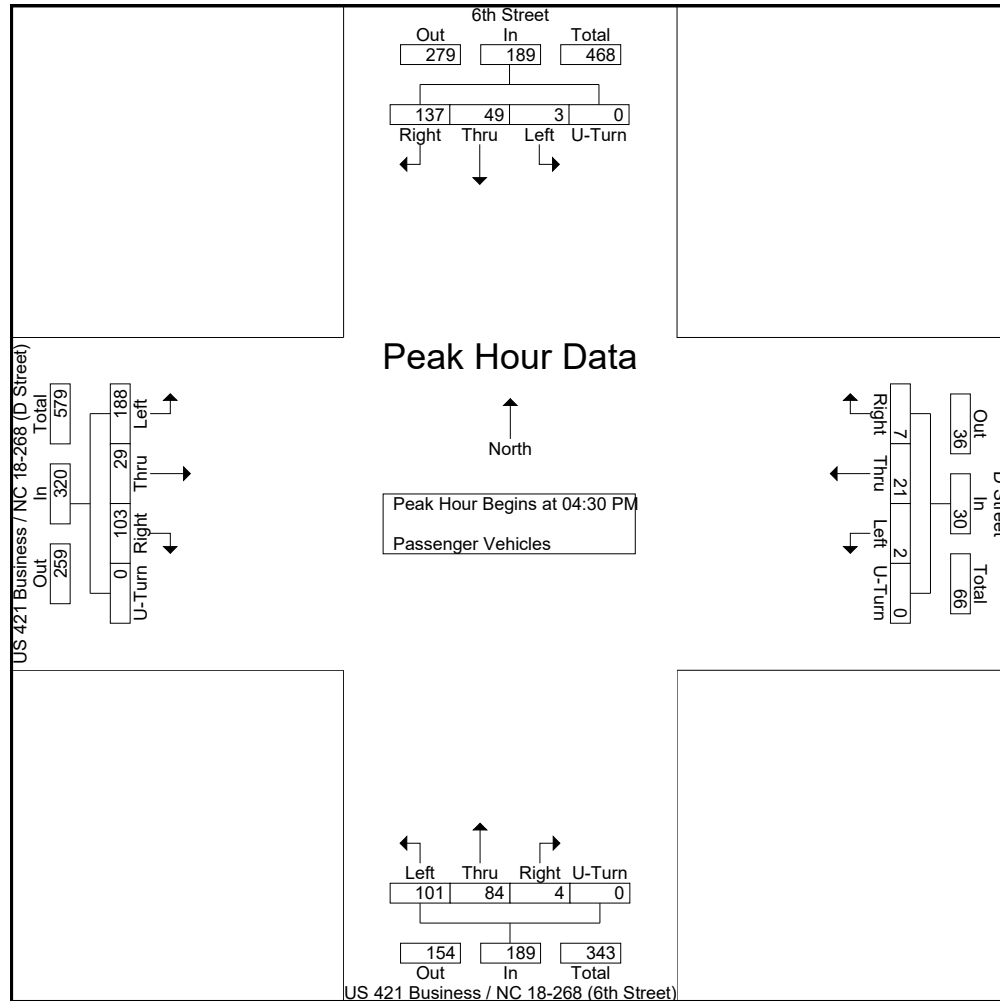


# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 4

	6th Street Southbound					D Street Westbound					US 421 Business / NC 18-268 (6th Street) Northbound					US 421 Business / NC 18-268 (D Street) Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	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	0	9	41	0	50	2	4	1	0	7	30	22	2	0	54	50	6	20	0	76	187
04:45 PM	0	9	36	0	45	0	6	2	0	8	18	13	0	0	31	44	5	25	0	74	158
05:00 PM	0	11	27	0	38	0	4	1	0	5	36	30	1	0	67	52	6	28	0	86	196
05:15 PM	3	20	33	0	56	0	7	3	0	10	17	19	1	0	37	42	12	30	0	84	187
Total Volume	3	49	137	0	189	2	21	7	0	30	101	84	4	0	189	188	29	103	0	320	728
% App. Total	1.6	25.9	72.5	0		6.7	70	23.3	0		53.4	44.4	2.1	0		58.8	9.1	32.2	0		
PHF	.250	.613	.835	.000	.844	.250	.750	.583	.000	.750	.701	.700	.500	.000	.705	.904	.604	.858	.000	.930	.929



# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 1

## Groups Printed- Trucks

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18- 268 (6th Street) Northbound				US 421 Business / NC 18- 268 (D Street) Eastbound				Int. Total
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	
06:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	1	0	0	0	0	1	0	0	1	0	0	0	1	0	3	0	7
06:30 AM	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	3
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	0	0	1	0	0	2	0	0	0	2	0	4	0	11
07:00 AM	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	4
07:15 AM	0	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	4
07:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	3
07:45 AM	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	4
Total	0	3	5	0	1	0	0	0	2	2	1	0	1	0	0	0	15
08:00 AM	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	3
08:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:30 AM	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	4
08:45 AM	0	1	1	0	0	0	0	0	1	1	0	0	1	0	2	0	7
Total	0	1	4	0	0	0	0	0	3	1	0	0	3	0	3	0	15
09:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	3
09:15 AM	0	1	1	0	0	0	0	0	2	1	0	0	1	1	0	0	7
09:30 AM	0	2	1	0	0	0	0	0	0	1	0	0	2	0	0	0	6
09:45 AM	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
Total	0	3	4	0	0	0	0	0	2	2	1	0	5	1	0	0	18
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3
10:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2	0	4
10:30 AM	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	3
10:45 AM	0	0	3	0	0	0	0	0	2	0	0	0	1	0	0	0	6
Total	0	0	6	0	0	0	0	0	2	0	0	0	4	0	4	0	16
11:00 AM	0	0	1	0	0	0	0	0	4	0	0	0	1	0	2	0	8
11:15 AM	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	3
11:30 AM	0	0	1	0	0	0	0	0	1	0	0	0	0	0	3	0	5
11:45 AM	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Total	0	0	4	0	0	0	0	0	7	0	0	0	2	0	5	0	18
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
12:15 PM	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	0	4
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
12:45 PM	0	0	3	0	0	0	0	0	1	1	0	0	0	0	1	0	6
Total	0	1	3	0	0	0	0	0	3	1	0	0	2	0	3	0	13
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
01:15 PM	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	3
01:30 PM	0	0	2	0	0	0	0	0	2	0	0	0	0	0	1	0	5
01:45 PM	0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	0	6
Total	0	0	3	0	0	0	0	0	7	0	0	0	3	0	3	0	16
02:00 PM	0	1	0	0	0	0	0	0	1	0	0	0	3	0	2	0	7
02:15 PM	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	3
02:30 PM	0	0	1	0	0	0	0	0	2	0	0	0	1	0	1	0	5
02:45 PM	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	3
Total	0	2	3	0	0	0	0	0	5	0	0	0	5	0	3	0	18
03:00 PM	0	1	4	0	0	0	0	0	0	0	0	0	0	0	1	0	6
03:15 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
03:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
03:45 PM	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	3
Total	0	2	4	0	1	0	0	0	1	2	1	0	1	0	1	0	13



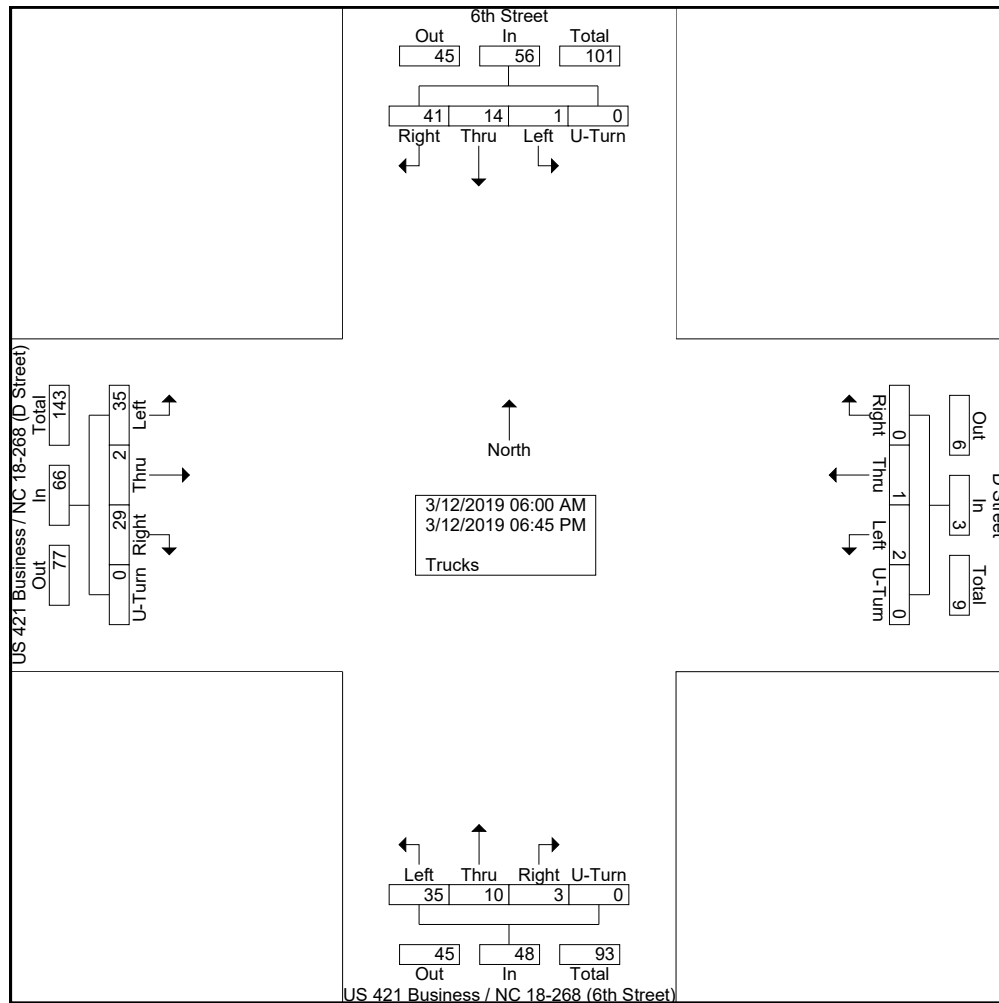
# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 2

## Groups Printed- Trucks

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18-268 (6th Street) Northbound				US 421 Business / NC 18-268 (D Street) Eastbound				Int. Total
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	
04:00 PM	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	4
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	3
Total	0	1	2	0	0	0	0	0	0	2	0	0	2	1	2	0	10
05:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
05:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4
05:30 PM	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	2	0	0	0	0	0	1	0	0	0	3	0	1	0	8
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
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	2	0	0	0	2
Grand Total	1	14	41	0	2	1	0	0	35	10	3	0	35	2	29	0	173
Apprch %	1.8	25	73.2	0	66.7	33.3	0	0	72.9	20.8	6.2	0	53	3	43.9	0	
Total %	0.6	8.1	23.7	0	1.2	0.6	0	0	20.2	5.8	1.7	0	20.2	1.2	16.8	0	

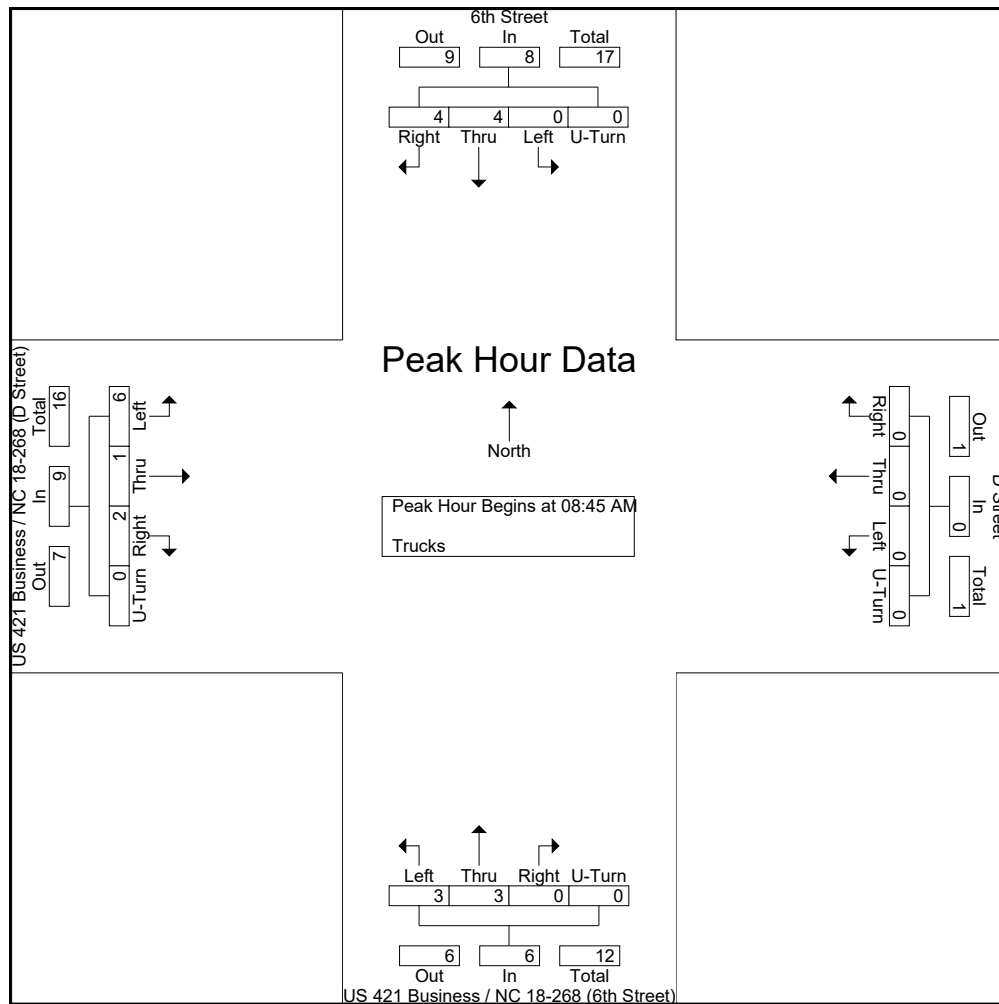


# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 3

	6th Street Southbound					D Street Westbound					US 421 Business / NC 18-268 (6th Street) Northbound					US 421 Business / NC 18-268 (D Street) Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	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 08:45 AM																					
08:45 AM	0	1	1	0	2	0	0	0	0	0	1	1	0	0	2	1	0	2	0	3	7
09:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	3
09:15 AM	0	1	1	0	2	0	0	0	0	0	2	1	0	0	3	1	1	0	0	2	7
09:30 AM	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	2	0	0	0	2	6
Total Volume	0	4	4	0	8	0	0	0	0	0	3	3	0	0	6	6	1	2	0	9	23
% App. Total	0	50	50	0		0	0	0	0		50	50	0	0		66.7	11.1	22.2	0		
PHF	.000	.500	1.00	.000	.667	.000	.000	.000	.000	.000	.375	.750	.000	.000	.500	.750	.250	.250	.000	.750	.821

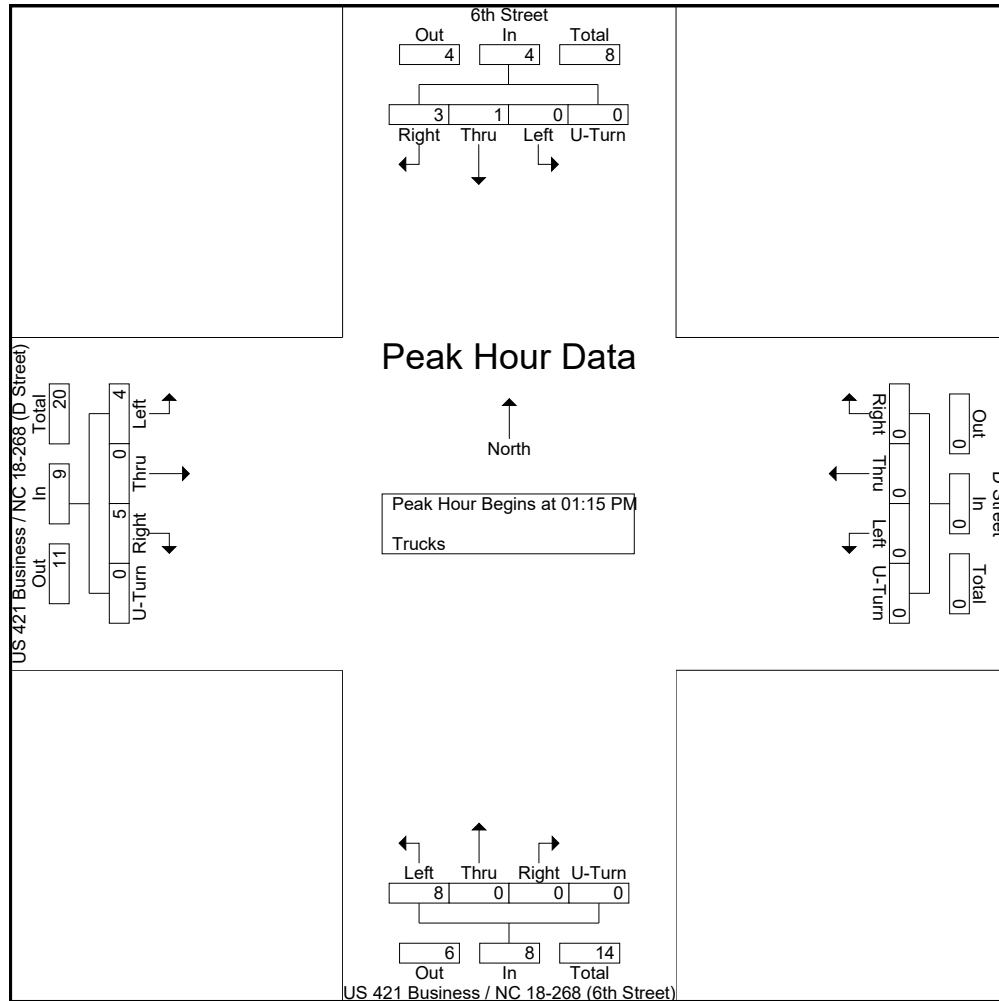


# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 4

	6th Street Southbound					D Street Westbound					US 421 Business / NC 18-268 (6th Street) Northbound					US 421 Business / NC 18-268 (D Street) Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	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 01:15 PM																					
01:15 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	3
01:30 PM	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	0	0	1	0	1	5
01:45 PM	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	1	0	1	6
02:00 PM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	3	0	2	0	5	7
Total Volume	0	1	3	0	4	0	0	0	0	0	8	0	0	0	8	4	0	5	0	9	21
% App. Total	0	25	75	0		0	0	0	0	0	100	0	0	0		44.4	0	55.6	0		
PHF	.000	.250	.375	.000	.500	.000	.000	.000	.000	.000	.400	.000	.000	.000	.400	.333	.000	.625	.000	.450	.750





# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 1

### Groups Printed- Bicycles on Crosswalk - Pedestrians

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18-268 (6th Street) Northbound				US 421 Business / NC 18-268 (D Street) Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	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	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
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	4	0	0	0	0	0	0	0	0	0	0	0	0	4
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Total	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	5
10:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1	0	0	0	0	0	0	0	0	0	0	0	0	1
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	2	0	0	0	0	2
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	6	0	0	0	5	0	0	0	0	0	0	0	0	11
Total	0	0	0	6	0	0	0	5	0	0	0	2	0	0	0	0	13
01:00 PM	0	0	0	0	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	0	0	0	0
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	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
02:00 PM	0	0	0	0	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	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	1	1
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	2	0	0	0	0	0	0	0	0	0	0	0	2	4
Total	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	7

# VHB Engineering NC, P.C.

Venture I  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
p: 919.829.0328 f: 919.833.0034

File Name : 1346  
Site Code :  
Start Date : 3/12/2019  
Page No : 2

## Groups Printed- Bicycles on Crosswalk - Pedestrians

	6th Street Southbound				D Street Westbound				US 421 Business / NC 18-268 (6th Street) Northbound				US 421 Business / NC 18-268 (D Street) Eastbound				Int. Total
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	
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	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
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	1	0	0	0	0	0	0	0	0	0	0	0	0	1
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	2	0	0	0	0	0	0	0	0	2
Total	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	3
Grand Total	0	0	0	17	0	0	0	8	0	0	0	3	0	0	0	8	36
Apprch %	0	0	0	100	0	0	0	100	0	0	0	100	0	0	0	100	
Total %	0	0	0	47.2	0	0	0	22.2	0	0	0	8.3	0	0	0	22.2	
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	17	0	0	0	8	0	0	0	3	0	0	0	8	36
% Pedestrians	0	0	0	100	0	0	0	100	0	0	0	100	0	0	0	100	100