ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

US 17 and NC 210 Dan Owen Dr , Hampstead

Date:	5/28/2014
Day:	Wednesday

Project #:	14-9173-001
City:	Hampstead

AM Peak Hour	715 AM
NOON Peak Hour	
PM Peak Hour	445 PM

Peak Hour Summary

Southbound Approach (US 17)

Lanes					
AM	224	1482	50	1362	AM
NOON	0	0	0	0	NOON
PM	200	1168	86	1820	PM

Eastbound Approach (NC 210_Dan Owen Dr)

Lanes	AM	NOON	PM
	275	0	319
	257	0	290
	15	0	40
	82	0	67
Lanes	AM	NOON	PM

Westbound Approach

AM	NOON	PM	Lanes
33	0	110	
11	0	37	
31	0	62	
90	0	181	
AM	NOON	PM	

Northbound Approach

AM	1595	40	1072	25	AM
NOON	0	0	0	0	NOON
PM	1297	82	1420	55	PM
					Lanes

CONTROL

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON		
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	1756	1362	AM
	0	0	NOON
	1454	1820	PM

West Leg			East Leg		
AM	NOON	PM			
275	0	319	75	0	209
354	0	397	90	0	181
			AM	NOON	PM

	South Leg	
AM	1595	1137
NOON	0	0
PM	1297	1557

Total Volume Per Leg

	North Leg
	3118 AM
	0 NOON
	3274 PM

West Leg			East Leg		
AM	NOON	PM			
629	0	716	165	0	390
			AM	NOON	PM

	South Leg
AM	2732
NOON	0
PM	2854

Project ID: 14-9173-001
Location: US 17 & NC 210_Dan Owen Dr
City: Hampstead

Day: Wednesday
Date: 5/28/2014

Peak Start Times	
AM	7:00 AM
MD	12:00 AM
PM	4:00 PM

Groups Printed - Cars, PU, Vans - Heavy Trucks

	US 17 Northbound					US 17 Southbound					NC 210_Dan Owen Dr Eastbound					NC 210_Dan Owen Dr Westbound					
Start Time	Left	Thru	Rgt	Peds	App. Total	Left	Thru	Rgt	Peds	App. Total	Left	Thru	Rgt	Peds	App. Total	Left	Thru	Rgt	Peds	App. Total	Int. Total
7:00 AM	7	235	4	0	246	11	313	50	0	374	51	3	20	0	74	0	4	5	0	9	703
7:15 AM	8	289	6	0	303	11	430	68	0	509	61	5	19	0	85	6	1	8	0	15	912
7:30 AM	14	207	5	0	226	14	420	79	0	513	53	4	20	0	77	11	2	10	0	23	839
7:45 AM	9	271	9	0	289	11	297	44	0	352	83	6	25	0	114	7	4	6	0	17	772
Total	38	1002	24	0	1064	47	1460	241	0	1748	248	18	84	0	350	24	11	29	0	64	3226
8:00 AM	9	305	5	0	319	14	335	33	0	382	60	0	18	0	78	7	4	9	0	20	799
8:15 AM	14	259	7	0	280	17	282	56	0	355	58	6	18	0	82	6	2	8	0	16	733
8:30 AM	5	219	10	0	234	12	381	65	0	458	56	3	14	0	73	12	5	17	0	34	799
8:45 AM	16	238	12	0	266	16	311	40	0	367	50	4	19	0	73	10	5	17	0	32	738
Total	44	1021	34	0	1099	59	1309	194	0	1562	224	13	69	0	306	35	16	51	0	102	3069
BREAK																					
4:00 PM	20	243	12	0	275	43	299	70	0	412	59	13	26	0	98	30	7	35	0	72	857
4:15 PM	20	324	15	0	359	30	310	43	0	383	62	16	17	0	95	20	11	44	0	75	912
4:30 PM	20	283	19	0	322	27	284	62	0	373	69	9	10	0	88	21	16	46	0	83	866
4:45 PM	21	354	11	0	386	22	303	54	0	379	57	15	12	0	84	13	9	23	0	45	894
Total	81	1204	57	0	1342	122	1196	229	0	1547	247	53	65	0	365	84	43	148	0	275	3529
5:00 PM	24	336	20	0	380	16	293	55	0	364	77	8	19	0	104	20	9	27	0	56	904
5:15 PM	21	370	15	0	406	28	294	42	0	364	78	6	22	0	106	18	14	37	0	69	945
5:30 PM	16	360	9	0	385	20	278	49	0	347	78	11	14	0	103	11	5	23	0	39	874
5:45 PM	20	355	13	0	388	15	266	24	0	305	73	6	21	0	100	15	7	39	0	61	854
Total	81	1421	57	0	1559	79	1131	170	0	1380	306	31	76	0	413	64	35	126	0	225	3577
Grand Total	244	4648	172	0	5064	307	5096	834	0	6237	1025	115	294	0	1434	207	105	354	0	666	13401
Apprch %	4.8	91.8	3.4	0.0		4.9	81.7	13.4	0.0		71.5	8.0	20.5	0.0		31.1	15.8	53.2	0.0		
Total %	1.8	34.7	1.3	0.0	37.8	2.3	38.0	6.2	0.0	46.5	7.6	0.9	2.2	0.0	10.7	1.5	0.8	2.6	0.0	5.0	
Cars, PU, Vans	242	4556	170	0	4968	307	5017	817	0	6141	1014	115	292	0	1421	204	102	354	0	660	13190
% Cars, PU, Vans	99.2	98.0	98.8	0.0	98.1	####	98.4	98.0	0.0	98.5	98.9	100.0	99.3	0.0	99.1	98.6	97.1	####	0.0	99.1	98.4
Heavy Trucks	2	92	2		96	0	79	17		96	11	0	2		13	3	3	0		6	211
%Heavy Trucks	0.8	2.0	1.2	0.0	1.9	0.0	1.6	2.0	0.0	1.5	1.1	0.0	0.7	0.0	0.9	1.4	2.9	0.0	0.0	0.9	1.6

Project ID: 14-9173-001
Location: US 17 & NC 210_Dan Ov
City: Hampstead

PEAK HOURS

Day: Wednesday
Date: 5/28/2014

AM

	US 17 Northbound				US 17 Southbound				NC 210_Dan Owen Dr Eastbound				NC 210_Dan Owen Dr Westbound				
Start Time	Left	Thru	Rgt	App. Total	Left	Thru	Rgt	App. Total	Left	Thru	Rgt	App. Total	Left	Thru	Rgt	App. Total	Int. Total
Peak Hour Analysis from 07:00 AM to 09:00 AM																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
7:15 AM	8	289	6	303	11	430	68	509	61	5	19	85	6	1	8	15	912
7:30 AM	14	207	5	226	14	420	79	513	53	4	20	77	11	2	10	23	839
7:45 AM	9	271	9	289	11	297	44	352	83	6	25	114	7	4	6	17	772
8:00 AM	9	305	5	319	14	335	33	382	60	0	18	78	7	4	9	20	799
Total Volume	40	1072	25	1137	50	1482	224	1756	257	15	82	354	31	11	33	75	3322
% App. Total	3.5	94.3	2.2	100	2.8	84.4	12.8	100	72.6	4.2	23.2	100	41.3	14.7	44.0	100	
PHF				0.891				0.856				0.776				0.815	
Cars, PU, Vans	40	1034	24	1098	50	1454	217	1721	254	15	82	351	29	11	33	73	3243
% Cars, PU, Vans	####	96.5	96.0	96.6	100.0	98.1	96.9	98.0	98.8	100.0	####	99.2	93.5	####	100.0	97.3	97.6
Heavy Trucks	0	38	1	39	0	28	7	35	3	0	0	3	2	0	0	2	79
%Heavy Trucks	0.0	3.5	4.0	3.4	0.0	1.9	3.1	2.0	1.2	0.0	0.0	0.8	6.5	0.0	0.0	2.7	2.4

PM

	US 17 Northbound				US 17 Southbound				NC 210_Dan Owen Dr Eastbound				NC 210_Dan Owen Dr Westbound				
Start Time	Left	Thru	Rgt	App. Total	Left	Thru	Rgt	App. Total	Left	Thru	Rgt	App. Total	Left	Thru	Rgt	App. Total	Int. Total
Peak Hour Analysis from 04:00 PM to 06:00 PM																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
4:45 PM	21	354	11	386	22	303	54	379	57	15	12	84	13	9	23	45	894
5:00 PM	24	336	20	380	16	293	55	364	77	8	19	104	20	9	27	56	904
5:15 PM	21	370	15	406	28	294	42	364	78	6	22	106	18	14	37	69	945
5:30 PM	16	360	9	385	20	278	49	347	78	11	14	103	11	5	23	39	874
Total Volume	82	1420	55	1557	86	1168	200	1454	290	40	67	397	62	37	110	209	3617
% App. Total	5.3	91.2	3.5	100	5.9	80.3	13.8	100	73.0	10.1	16.9	100	29.7	17.7	52.6	100	
PHF				0.959				0.959				0.936				0.757	
Cars, PU, Vans	81	1405	55	1541	86	1150	197	1433	287	40	66	393	61	37	110	208	3575
% Cars, PU, Vans	98.8	98.9	####	99.0	100.0	98.5	98.5	98.6	99.0	100.0	98.5	99.0	98.4	####	100.0	99.5	98.8
Heavy Trucks	1	15	0	16	0	18	3	21	3	0	1	4	1	0	0	1	42
%Heavy Trucks	1.2	1.1	0.0	1.0	0.0	1.5	1.5	1.4	1.0	0.0	1.5	1.0	1.6	0.0	0.0	0.5	1.2