MH

TURNING MOVEMENT SUMMARY --- ver. 1.1
Section 1: 15 Minute Counts

NCDOT

COUNTY: GUILFORD NEAR CITY: REIDSVILLE

INTERSECTION: US 158 WB RAMPS & US 220

STATION #: 08TM0205 COUNTED BY: SENTERS

DATE: August 4 & 7, 2008 DAY OF WEEK: Thursday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 220
APPROACH: NORTH

TIME PERIOD	FROM NORTH ON A = US 220 TO W. on WBRAMPS 1	S. on US220 2	E. on WBRAMPS 3	FROM EAST ON B = US 158 WB RAMPS TO N. on US220 4	W. on WBRAMPS 5	S. on US220 6	FROM SOUTH ON C = US 220 TO E. on WBRAMPS 7	N. on US220 8	W. on WBRAMPS 9	FROM WEST ON D = US 158 WB RAMPS TO S. on US220 10	E. on WBRAMPS 11	N. on US220 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	10	70	0	3	0	12	0	20	1	0	0	0	116	1	1	0	2
6:15A	3	123	0	2	0	21	0	19	1	0	0	0	169	0	2	1	3
6:30A	3	145	0	7	0	17	0	34	3	0	0	0	209	5	7	3	15
6:45A	11	88	0	4	0	14	0	16	5	0	0	0	138	4	0	0	4
7:00A	6	81	0	6	0	13	0	25	4	0	0	0	135	1	0	3	4
7:15A	4	159	0	11	0	18	0	32	6	0	0	0	230	2	4	1	7
7:30A	10	179	0	8	0	25	0	54	10	0	0	0	286	4	2	1	7
7:45A	6	135	0	11	0	19	0	63	5	0	0	0	239	10	4	2	16
8:00A	7	112	0	5	0	20	0	46	6	0	0	0	196	5	6	0	11
8:15A	0	90	0	8	0	7	0	39	8	0	0	0	152	7	2	1	10
8:30A	0	103	0	5	0	16	0	41	9	0	0	0	174	6	2	1	9
8:45A	2	66	0	6	1	19	0	53	3	0	0	0	150	5	1	1	7
9:00A	2	74	0	3	0	13	0	35	6	0	0	0	133	2	6	0	8
9:15A	6	62	0	4	0	12	0	32	5	0	0	0	121	4	2	1	7
9:30A	2	69	0	8	0	10	0	45	9	0	0	0	143	8	4	0	12
9:45A	5	66	0	2	0	14	0	45	6	0	0	0	138	2	5	2	9
10:00A																	
10:15A																	
10:30A	4	63	0	5	0	12	0	45	16	0	0	0	145	4	4	1	9
10:45A	1	64	0	7	0	14	0	46	7	0	0	0	139	1	4	0	5
11:00A	3	56	0	5	0	8	0	48	4	0	0	0	124	5	5	0	10
11:15A	2	75	0	3	0	8	0	69	9	0	0	0	166	6	5	0	11
11:30A	3	61	0	7	0	9	0	41	7	0	0	0	128	4	4	0	8
11:45A	4	54	0	2	1	11	0	69	15	0	0	0	156	2	6	0	8
12:00P	3	47	0	10	0	8	0	47	11	0	0	0	126	4	2	0	6
12:15P	2	59	0	7	0	10	0	57	12	0	0	0	147	2	1	2	5
12:30P	3	58	0	1	0	9	0	51	3	0	0	0	125	3	1	1	5
12:45P	1	66	0	4	0	7	0	62	9	0	0	0	149	3	3	0	6
1:00P	3	68	0	5	0	9	0	52	10	0	0	0	147	4	8	0	12
1:15P	3	59	0	3	0	12	0	57	4	0	0	0	138	4	6	2	12
1:30P	2	55	0	5	0	13	0	58	9	0	0	0	142	3	5	2	10
1:45P	3	53	0	7	0	14	0	63	8	0	0	0	148	1	5	1	7

SHORT LABEL	ROAD, STREET or DRIVEWAY
US220	US 220
WBRAMPS	US 158 WB RAMPS

TIME PERIOD	FROM NORTH ON A = US 220 TO W. on WBRAMPS 1	S. on US220 2	E. on WBRAMPS 3	FROM EAST ON B = US 158 WB RAMPS TO N. on US220 4	W. on WBRAMPS 5	S. on US220 6	FROM SOUTH ON C = US 220 TO E. on WBRAMPS 7	N. on US220 8	W. on WBRAMPS 9	FROM WEST ON D = US 158 WB RAMPS TO S. on US220 10	E. on WBRAMPS 11	N. on US220 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	6	68	0	3	0	12	0	70	3	0	0	0	162	7	4	1	12
2:15P	2	75	0	6	0	8	0	49	7	0	0	0	147	2	3	1	6
2:30P	4	33	0	8	0	7	0	49	6	0	0	0	107	2	1	1	4
2:45P	5	56	0	9	0	10	0	79	8	0	0	0	167	5	3	1	9
3:00P	6	57	0	10	0	12	0	67	13	0	0	0	165	1	4	1	6
3:15P	1	65	0	5	1	4	0	84	14	0	0	0	174	9	10	0	19
3:30P	2	75	0	14	0	10	0	91	6	0	0	0	198	5	7	0	12
3:45P	1	45	0	8	0	8	0	106	12	0	0	0	180	5	4	0	9
4:00P	3	72	0	15	0	24	0	75	24	0	0	0	213	9	4	0	13
4:15P	3	67	0	7	0	5	0	118	9	0	0	0	209	4	2	1	7
4:30P	3	53	0	10	0	7	0	114	8	0	0	0	195	0	6	0	6
4:45P	1	54	0	11	0	7	0	129	9	0	0	0	211	1	3	0	4
5:00P	0	61	0	12	0	6	0	153	9	0	0	0	241	0	2	0	2
5:15P	5	63	0	28	0	4	0	177	9	0	0	0	286	0	4	0	4
5:30P	1	88	0	32	0	9	0	148	11	0	0	0	289	5	2	1	8
5:45P	4	65	0	21	0	10	0	150	17	0	0	0	267	5	3	0	8
6:00P	2	59	0	14	0	11	0	142	10	0	0	0	238	3	6	0	9
6:15P	0	59	0	14	0	5	0	125	10	0	0	0	213	1	1	0	2
6:30P																	
6:45P																	
7:00P	1	38	0	4	0	13	0	56	5	0	0	0	117	2	3	1	6
7:15P	0	42	0	7	0	2	0	51	3	0	0	0	105	1	2	0	3
7:30P	4	38	0	3	0	8	0	54	5	0	0	0	112	0	4	1	5
7:45P	2	29	0	5	0	4	0	48	3	0	0	0	91	1	1	0	2
8:00P	3	33	0	4	0	6	0	53	4	0	0	0	103	1	1	1	3
8:15P	0	33	0	2	0	13	0	42	1	0	0	0	91	4	2	0	6
8:30P	1	31	0	6	0	5	0	39	7	0	0	0	89	1	1	1	3
8:45P	0	21	0	4	0	5	0	42	3	0	0	0	75	2	0	0	2
9:00P	2	30	0	1	0	7	0	34	3	0	0	0	77	0	2	0	2
9:15P	3	21	0	2	0	2	0	45	2	0	0	0	75	1	4	0	5
9:30P	2	22	0	0	0	11	0	29	2	0	0	0	66	1	2	0	3
9:45P	1	18	0	0	0	11	0	26	2	0	0	0	58	1	1	0	2
15.00-HOUR TOTALS	182	3931	0	429	3	640	0	3809	436	0	0	0	9430	191	199	37	427
24-HOUR PROJECTION	212	4577	0	499	3	745	0	4435	508	0	0	0	10979	202	259	48	509
AM PEAK HOUR BEGINS AT 7:15A TOTALS	27	585	0	35	0	82	0	195	27	0	0	0	951	21	16	4	41
PM PEAK HOUR BEGINS AT 5:00P TOTALS	10	277	0	93	0	29	0	628	46	0	0	0	1083	10	11	1	22

SHORT LABEL	ROAD, STREET or DRIVEWAY
US220 =	US 220
WBRAMPS =	US 158 WB RAMPS

TURNING MOVEMENT SUMMARY --- ver. 1.1
Section 2: Summary Tables

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 7:15A	PEAK HOUR PERCENTAGES
	9430	951	AM: 9% PM: 10%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 5:00P	PEAK HOUR FACTORS
	10979	1083	AM: 0.83 PM: 0.94

TRUCKS TOTALS ON NORTH APPROACH OF US 220

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	191	199	37	427
PROJECTED	202	259	48	509
PERCENTAGE	2.1%	2.7%	0.5%	5.2%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF US 220		B = EAST APPR. OF US 158 WB RAMPS		C = SOUTH APPR. OF US 220		D = WEST APPR. OF US 158 WB RAMPS	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	4113	4789	1072	1248	4245	4942	0	0
EXT. VOL.	4238	4934	0	0	4571	5322	621	723
TOTAL VOL.	8351	9723	1072	1248	8816	10264	621	723
AM PEAK	HOUR BEGINS:	7:15A	HOUR BEGINS:	7:15A	HOUR BEGINS:	7:15A	HOUR BEGINS:	11:30A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	612	73%	117	100%	222	25%	0	0%
EXT. VOL.	230	27%	0	0%	667	75%	58	100%
TOTAL VOL.	842	---	117	---	889	---	58	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	9%	0.84	9%	0.89	9%	0.83	8%	0.73
PM PEAK	HOUR BEGINS:	5:00P	HOUR BEGINS:	5:15P	HOUR BEGINS:	5:00P	HOUR BEGINS:	3:15P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	287	28%	129	100%	674	69%	0	0%
EXT. VOL.	721	72%	0	0%	306	31%	64	100%
TOTAL VOL.	1008	---	129	---	980	---	64	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	10%	0.92	10%	0.79	10%	0.96	9%	0.59

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                  NORTH APPROACH
                                      US220
                                     +------+
                                     | 9723 |
                                     +------+
                                  212  4577     0
                                 Right Thru  Left

                                 0  Left                TOTAL ENTERING VOLUME:                Right  499
  WEST       +------+                                                                                  +------+        EAST
      WBRAMP|  723 |          0  Thru                      ++======++                       Thru     3 | 1248 |WBRAMPS
APPROACH     +------+                                      ||10979 ||                                  +------+      APPROACH
                                 0  Right                    ++======++                       Left   745

                                  Left  Thru  Right
                                   508  4435     0
                                     +------+
                                     |10264 |
                                     +------+
                                      US220
                                  SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                          7:15A

                                      NORTH APPROACH
                                         US220
                                        +------+
                                        |  842 |
                                        +------+
                                      27   585     0
                                    Right Thru  Left


                                 0  Left                TOTAL ENTERING VOLUME:                Right   35
  WEST        +------+                                                                                  +------+        EAST
      WBRAMP|    54 |          0  Thru                     ++======++                          Thru     0 |  117 |WBRAMPS
APPROACH      +------+                                     ||  951 ||                                   +------+      APPROACH
                                 0  Right                    ++======++                          Left    82


                                    Left  Thru  Right
                                      27   195     0
                                        +------+
                                        |  889 |
                                        +------+
                                         US220
                                     SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                          5:00P

                                       NORTH APPROACH
                                          US220
                                         +-------+
                                         | 1008 |
                                         +-------+
                                        10   277     0
                                      Right Thru  Left


                                 0  Left                TOTAL ENTERING VOLUME:              Right   93
  WEST        +-------+                                                                                +-------+        EAST
      WBRAMP|   56 |                0  Thru                  ++======++                       Thru     0 |  122 |WBRAMPS
APPROACH      +-------+                                     || 1083 ||                                +-------+      APPROACH
                                 0  Right                 ++======++                       Left    29


                                      Left  Thru  Right
                                        46   628     0
                                         +-------+
                                         |  980 |
                                         +-------+
                                          US220
                                       SOUTH APPROACH
```