MH

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

NCDOT

COUNTY: WILKES IN CITY: WILKESBORO

INTERSECTION: US 421/NC 16 & SR 1313 CONGO RD

STATION #: 08TM0218 COUNTED BY: DOYLE

DATE: August 26 & 29, 2008 DAY OF WEEK: Friday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 421/NC 16
APPROACH: WEST

TIME PERIOD	FROM NORTH ON A = SR 1313 CONGO RD TO W. on US421 1	E. on US421 2	FROM EAST ON B = US 421/NC 16 TO N. on SR1313 3	W. on US421 4	FROM WEST ON C = US 421/NC 16 TO E. on US421 5	N. on SR1313 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	2	4	0	37	71	0	114	4	8	0	12
6:15A	3	9	3	53	88	2	158	8	8	0	16
6:30A	3	7	0	45	133	2	190	9	7	0	16
6:45A	2	9	6	67	116	0	200	6	4	0	10
7:00A	3	4	2	94	126	1	230	14	12	0	26
7:15A	2	11	2	126	184	5	330	16	7	0	23
7:30A	2	8	2	132	213	2	359	13	10	0	23
7:45A	2	9	3	132	205	3	354	12	14	0	26
8:00A	1	9	9	114	264	3	400	17	9	0	26
8:15A	3	10	4	102	176	1	296	17	6	0	23
8:30A	3	3	4	131	169	3	313	28	8	0	36
8:45A	1	5	6	117	188	0	317	26	12	0	38
9:00A	4	10	4	148	156	3	325	26	13	0	39
9:15A	3	6	9	121	153	3	295	25	14	0	39
9:30A	2	9	5	135	152	0	303	20	12	0	32
9:45A	6	4	5	132	148	2	297	19	10	0	29
10:00A											
10:15A											
10:30A	0	7	9	168	196	5	385	15	11	0	26
10:45A	2	7	4	178	193	9	393	29	11	0	40
11:00A	1	7	9	201	147	3	368	15	10	0	25
11:15A	3	6	10	202	188	3	412	16	10	0	26
11:30A	9	6	6	202	187	2	412	12	8	0	20
11:45A	1	5	11	208	201	3	429	14	13	0	27
12:00P	2	5	12	199	221	3	442	13	11	0	24
12:15P	2	7	9	232	210	5	465	10	8	0	18
12:30P	2	7	9	226	192	0	436	22	18	0	40
12:45P	9	4	1	225	202	1	442	19	15	0	34
1:00P	6	4	9	210	224	2	455	16	8	0	24
1:15P	12	3	9	203	212	0	439	16	12	0	28
1:30P	2	2	12	245	219	3	483	20	6	0	26
1:45P	11	4	6	251	223	3	498	22	8	0	30

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1313	= SR 1313 CONGO RD
US421	= US 421/NC 16

TIME PERIOD	FROM NORTH ON A = SR 1313 CONGO RD TO W. on US421 1	E. on US421 2	FROM EAST ON B = US 421/NC 16 TO N. on SR1313 3	W. on US421 4	FROM WEST ON C = US 421/NC 16 TO E. on US421 5	N. on SR1313 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	2	5	7	155	152	3	324	15	13	0	28
2:15P	2	5	7	130	136	3	283	10	10	0	20
2:30P	2	2	8	185	149	4	350	16	13	0	29
2:45P	2	7	8	165	148	3	333	17	11	0	28
3:00P	3	3	8	161	164	2	341	10	10	0	20
3:15P	0	2	8	127	182	4	323	9	8	0	17
3:30P	2	3	9	145	177	2	338	15	6	0	21
3:45P	2	3	3	157	136	2	303	9	8	0	17
4:00P	3	3	10	163	123	4	306	4	10	0	14
4:15P	1	5	12	170	145	2	335	7	6	0	13
4:30P	0	7	13	134	123	1	278	9	7	0	16
4:45P	1	6	10	181	140	0	338	2	4	0	6
5:00P	1	6	15	204	152	5	383	4	2	0	6
5:15P	2	4	13	266	124	3	412	8	4	0	12
5:30P	6	2	4	176	157	1	346	6	8	0	14
5:45P	1	4	12	183	130	4	334	4	9	0	13
6:00P	3	3	9	163	133	2	313	8	2	0	10
6:15P	2	3	12	135	114	4	270	13	1	0	14
6:30P											
6:45P											
7:00P	1	4	11	120	70	0	206	1	3	0	4
7:15P	2	2	7	89	66	4	170	3	5	0	8
7:30P	0	2	9	84	65	3	163	2	2	0	4
7:45P	2	2	5	74	52	0	135	2	4	0	6
8:00P											
8:15P											
8:30P											
8:45P											
9:00P											
9:15P											
9:30P											
9:45P											
13.00-HOUR TOTALS	144	274	380	8003	8195	128	17124	673	449	0	1122
24-HOUR PROJECTION	188	358	497	10243	10489	167	21942	713	584	0	1297
AM PEAK HOUR BEGINS AT 11:30A TOTALS	14	23	38	841	819	13	1748	49	40	0	89
PM PEAK HOUR BEGINS AT 1:00P TOTALS	31	13	36	909	878	8	1875	74	34	0	108

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1313 =	SR 1313 CONGO RD
US421 =	US 421/NC 16

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

INTER-SECTION TOTALS AND FACTORS:

VOLUME SURVEYED	AM PEAK VOLUME AT 11:30A	PEAK HOUR PERCENTAGES	
17124	1748	AM:	8%
		PM:	9%
PROJECTED 24-HOUR TOTAL	**PM PEAK VOLUME AT 1:00P**	**PEAK HOUR FACTORS**	
21942	1875	AM:	0.94
		PM:	0.94

TRUCKS TOTALS ON WEST APPROACH OF US 421/NC 16

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	673	449	0	1122
PROJECTED	713	584	0	1297
PERCENTAGE	3.4%	2.8%	0.0%	6.2%

TOTALS AND FACTORS BY APPROACH:

ALL HOURS IN SURVEY	A = NORTH APPR. OF SR 1313 CONGO RD		B = EAST APPR. OF US 421/NC 16		C = WEST APPR. OF US 421/NC 16	
	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	418	546	8383	10740	8323	10656
EXT. VOL.	508	664	8469	10847	8147	10432
TOTAL VOL.	926	1210	16852	21587	16470	21088

AM PEAK	HOUR BEGINS: 11:30A		HOUR BEGINS: 11:30A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	37	42%	879	51%	832	49%
EXT. VOL.	51	58%	842	49%	855	51%
TOTAL VOL.	88	---	1721	---	1687	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	7%	0.96	8%	0.94	8%	0.94

PM PEAK	HOUR BEGINS: 1:00P		HOUR BEGINS: 1:00P		HOUR BEGINS: 1:00P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	44	50%	945	51%	886	49%
EXT. VOL.	44	50%	891	49%	940	51%
TOTAL VOL.	88	---	1836	---	1826	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	7%	0.92	9%	0.95	9%	0.94

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                  NORTH APPROACH
                                      SR1313
                                     +------+
                                     | 1210 |
                                     +------+
                                  188   358
                                 Right Left


                                 TOTAL ENTERING VOLUME:
  WEST       +------+  167  Left                                  Right  497 +------+        EAST
      US421  |21088 |                                                        |21587 |US421
APPROACH     +------+10489  Thru                                  Thru 10243 +------+      APPROACH
                                     ++======++
                                     ||21942 ||
                                     ++======++
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                          11:30A

                                       NORTH APPROACH
                                          SR1313
                                         +------+
                                         |   88 |
                                         +------+
                                       14    23
                                     Right Left


                                     TOTAL ENTERING VOLUME:
  WEST       +------+   13  Left                                  Right   38 +------+        EAST
      US421  | 1687 |                                                        | 1721 |US421
APPROACH     +------+  819  Thru                                  Thru   841 +------+      APPROACH
                                         ++======++
                                         || 1748 ||
                                         ++======++
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                          1:00P

                                       NORTH APPROACH
                                          SR1313
                                         +------+
                                         |   88 |
                                         +------+
                                       31    13
                                     Right Left


                                     TOTAL ENTERING VOLUME:
  WEST        +------+    8  Left                                  Right   36 +------+        EAST
      US421   | 1826 |                                                       | 1836 |US421
APPROACH      +------+  878  Thru                                  Thru   909 +------+      APPROACH
                                         ++=====++
                                         || 1875 ||
                                         ++=====++
```