KLT

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

NCDOT

COUNTY: PERSON IN CITY: ROXBORO

INTERSECTION: US 158/NC 49-57 & US 158/NC 49 & NC 57

STATION #: 08TM0026 COUNTED BY: Nelson

DATE: February 25 & 28, 2008 DAY OF WEEK: Thursday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
NC 57
APPROACH: WEST

TIME PERIOD	FROM NORTHEAST ON A = US 158/NC 49-57 TO W. on NC57 1	SW. on US158 2	FROM SOUTHWEST ON B = US 158/NC 49 TO NE. on US158 3	W. on NC57 4	FROM WEST ON C = NC 57 TO SW. on US158 5	NE. on US158 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	18	11	9	4	13	10	65	1	2	0	3
6:15A	20	15	15	4	16	17	87	3	0	0	3
6:30A	17	22	22	6	12	25	104	2	3	0	5
6:45A	14	28	24	6	15	19	106	1	4	0	5
7:00A	16	28	23	8	13	19	107	2	1	0	3
7:15A	20	30	36	5	7	28	126	5	1	0	6
7:30A	11	22	50	4	22	32	141	7	3	0	10
7:45A	34	55	74	9	19	28	219	10	3	0	13
8:00A	34	42	43	15	14	34	182	5	2	0	7
8:15A	38	39	55	8	17	46	203	3	2	0	5
8:30A	21	27	52	7	7	41	155	2	1	0	3
8:45A	17	30	39	4	11	32	133	4	4	0	8
9:00A	25	35	37	4	8	37	146	5	0	0	5
9:15A	14	34	30	1	9	27	115	3	1	0	4
9:30A	26	31	37	4	4	26	128	4	2	0	6
9:45A	25	30	38	3	7	30	133	3	4	0	7
10:00A											
10:15A											
10:30A	24	42	41	4	6	23	140	4	0	0	4
10:45A	28	32	36	6	10	36	148	3	2	0	5
11:00A	22	37	32	5	4	27	127	1	2	0	3
11:15A	23	31	47	5	6	24	136	4	1	0	5
11:30A	31	34	40	7	8	26	146	4	2	0	6
11:45A	34	31	39	4	12	20	140	2	2	0	4
12:00P	35	30	51	0	10	29	155	2	4	0	6
12:15P	18	45	30	6	7	26	132	1	3	0	4
12:30P	30	39	26	8	7	30	140	4	3	0	7
12:45P	32	39	37	7	5	31	151	1	1	0	2
1:00P	32	58	34	5	9	31	169	1	0	0	1
1:15P	27	46	49	11	7	24	164	3	3	0	6
1:30P	23	35	34	5	8	29	134	3	5	0	8
1:45P	26	34	42	9	18	34	163	7	2	0	9

SHORT LABEL		ROAD, STREET or DRIVEWAY
US158	=	US 158/NC 49-57
US158	=	US 158/NC 49
NC57	=	NC 57

TIME PERIOD	FROM NORTHEAST ON A = US 158/NC 49-57 TO W. on NC57 1	SW. on US158 2	FROM SOUTHWEST ON B = US 158/NC 49 TO NE. on US158 3	W. on NC57 4	FROM WEST ON C = NC 57 TO SW. on US158 5	NE. on US158 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	47	42	41	5	9	26	170	2	1	0	3
2:15P	31	36	38	6	13	34	158	2	5	0	7
2:30P	26	35	40	7	4	34	146	2	1	0	3
2:45P	32	38	34	8	17	43	172	4	0	0	4
3:00P	23	31	34	8	9	25	130	1	1	0	2
3:15P	39	54	35	5	9	32	174	5	1	0	6
3:30P	37	51	40	16	14	40	198	4	1	0	5
3:45P	34	52	39	10	6	36	177	0	2	0	2
4:00P	45	61	37	8	9	35	195	1	2	0	3
4:15P	32	55	52	17	8	43	207	2	0	0	2
4:30P	29	49	56	12	8	35	189	0	0	0	0
4:45P	41	64	38	11	15	23	192	3	2	0	5
5:00P	47	50	58	12	11	23	201	1	0	0	1
5:15P	48	57	26	10	6	20	167	0	2	0	2
5:30P	46	51	40	16	14	31	198	1	0	0	1
5:45P	33	35	32	10	15	47	172	1	0	0	1
6:00P	47	30	20	12	5	35	149	1	0	0	1
6:15P	32	39	26	5	8	32	142	0	4	0	4
6:30P											
6:45P											
7:00P	30	34	14	8	1	27	114	0	0	0	0
7:15P	20	28	26	2	8	17	101	0	0	0	0
7:30P	29	26	14	6	9	18	102	2	0	0	2
7:45P	22	28	16	7	4	10	87	0	0	0	0
8:00P	24	19	7	1	9	17	77	1	0	0	1
8:15P	21	23	15	5	2	11	77	0	0	0	0
8:30P	10	20	7	5	3	10	55	0	0	0	0
8:45P	8	17	7	6	2	6	46	0	0	0	0
9:00P	12	31	13	5	5	5	71	0	0	0	0
9:15P	14	7	11	2	3	14	51	0	1	0	1
9:30P	5	9	5	3	3	4	29	0	0	0	0
9:45P	7	5	3	3	4	3	25	0	0	0	0
15.00-HOUR TOTALS	1606	2089	1946	405	544	1577	8167	133	86	0	219
24-HOUR PROJECTION	1870	2432	2266	472	633	1836	9510	140	108	0	247
AM PEAK HOUR BEGINS AT 7:45A TOTALS	127	163	224	39	57	149	759	20	8	0	28
PM PEAK HOUR BEGINS AT 4:15P TOTALS	149	218	204	52	42	124	789	6	2	0	8

SHORT LABEL		ROAD, STREET or DRIVEWAY
US158	=	US 158/NC 49-57
US158	=	US 158/NC 49
NC57	=	NC 57

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

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 7:45A	PEAK HOUR PERCENTAGES	
	8167	759	AM:	8%
			PM:	8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:15P	PEAK HOUR FACTORS	
	9510	789	AM:	0.87
			PM:	0.95

TRUCKS TOTALS ON WEST APPROACH OF NC 57

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	133	86	0	219
PROJECTED	140	108	0	247
PERCENTAGE	2.9%	2.2%	0.0%	5.1%

TOTALS AND FACTORS BY APPROACH:	A = NORTHEAST APPR. OF US 158/NC 49-57		B = SOUTHWEST APPR. OF US 158/NC 49		C = WEST APPR. OF NC 57	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	3695	4302	2351	2737	2121	2470
EXT. VOL.	3523	4102	2633	3066	2011	2342
TOTAL VOL.	7218	8404	4984	5803	4132	4812

AM PEAK	HOUR BEGINS: 7:45A		HOUR BEGINS: 7:30A		HOUR BEGINS: 7:45A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	290	44%	258	53%	206	55%
EXT. VOL.	373	56%	230	47%	166	45%
TOTAL VOL.	663	---	488	---	372	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.87	8%	0.78	8%	0.85

PM PEAK	HOUR BEGINS: 4:00P		HOUR BEGINS: 4:15P		HOUR BEGINS: 5:15P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	376	54%	256	50%	173	44%
EXT. VOL.	319	46%	260	50%	222	56%
TOTAL VOL.	695	---	516	---	395	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.95	9%	0.98	8%	0.92

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
                                                                  NORTHEAST APPROACH
                                                                        US158
                                                                  +------+
                                                                  | 8404 |
                                                                  +------+
                                                            1870
                                                     Right        2432
                                                            Thru

                                          TOTAL ENTERING VOLUME:

  WEST       +------+ 1836  Left                  ++======++
      NC57   | 4812 |                             || 9510 ||
APPROACH     +------+  633  Right                 ++======++


                          Left
                     472        Thru
                          2266
                  +------+
                  | 5803 |
                  +------+
                  US158
             SOUTHWEST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:45A

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                                                                  NORTHEAST APPROACH
                                                                        US158
                                                                  +------+
                                                                  |  663 |
                                                                  +------+
                                                             127
                                                      Right        163
                                                            Thru

                                          TOTAL ENTERING VOLUME:

  WEST       +------+  149  Left                  ++======++
      NC57   |  372 |                             ||  759 ||
APPROACH     +------+   57  Right                 ++======++


                          Left
                      39        Thru
                           224
                  +------+
                  |  483 |
                  +------+
                  US158
             SOUTHWEST APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                           4:15P


                                                                    NORTHEAST APPROACH
                                                                          US158
                                                                    +------+
                                                                    |  695 |
                                                                    +------+
                                                                 149
                                                          Right        218
                                                               Thru

                                          TOTAL ENTERING VOLUME:

  WEST       +------+  124  Left
      NC57   |  367 |                        ++======++
APPROACH     +------+   42  Right            ||  789 ||
                                             ++======++

                          Left
                      52        Thru
                           204
                  +------+
                  |  516 |
                  +------+
                  US158
             SOUTHWEST APPROACH
```