KJT

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

COUNTY: PERSON IN CITY: ROXBORO

INTERSECTION: US 158-501/NC 57 & SR 1601 FOUSHEE ST

STATION #: 08TM0030 COUNTED BY: DOYLE & SENTERS

DATE: March 5, 2008 DAY OF WEEK: Wednesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 158-501/NC 57
APPROACH: NORTHWEST

TIME PERIOD	FROM NORTHEAST ON A = SR 1601 FOUSHEE ST TO NW. on US158 1	SE. on US158 2	FROM SOUTHEAST ON B = US 158-501/NC 57 TO NE. on SR1601 3	NW. on US158 4	FROM NORTHWEST ON C = US 158-501/NC 57 TO SE. on US158 5	NE. on SR1601 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	0	16	0	65	124	0	205	4	0	0	4
6:15A	0	14	2	75	161	1	253	6	9	0	15
6:30A	0	23	5	110	176	3	317	13	11	0	24
6:45A	1	16	9	95	183	4	308	5	9	0	14
7:00A	2	17	11	137	206	2	375	13	7	0	20
7:15A	0	18	7	149	227	3	404	12	7	0	19
7:30A	3	20	21	263	222	2	531	23	11	0	34
7:45A	2	11	32	318	259	6	628	14	10	0	24
8:00A	8	20	26	221	221	3	499	15	5	0	20
8:15A	5	13	20	206	210	5	459	18	15	0	33
8:30A	3	8	14	180	175	3	383	12	11	0	23
8:45A	7	8	18	176	157	6	372	9	7	0	16
9:00A	4	12	13	175	171	5	380	12	13	0	25
9:15A	2	11	14	176	175	3	381	17	9	0	26
9:30A	0	15	9	179	191	5	399	12	10	0	22
9:45A	1	9	12	161	181	4	368	19	7	0	26
10:00A											
10:15A											
10:30A	2	7	12	170	173	4	368	15	16	0	31
10:45A	4	6	21	168	212	7	418	13	11	0	24
11:00A	3	11	14	177	204	4	413	19	9	0	28
11:15A	0	14	12	184	225	6	441	14	9	0	23
11:30A	4	15	24	232	228	3	506	17	10	0	27
11:45A	3	16	16	231	259	9	534	15	4	0	19
12:00P	3	9	19	205	263	7	506	22	8	0	30
12:15P	4	17	21	209	255	3	509	14	13	0	27
12:30P	1	13	14	235	241	4	508	19	4	0	23
12:45P	6	11	17	236	241	4	515	10	10	0	20
1:00P	2	10	21	166	200	2	401	16	12	0	28
1:15P	2	7	21	254	225	3	512	16	10	0	26
1:30P	5	15	18	195	217	6	456	18	10	0	28
1:45P	8	7	14	169	196	6	400	15	10	0	25

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1601	= SR 1601 FOUSHEE ST
US158	= US 158-501/NC 57

TIME PERIOD	FROM NORTHEAST ON A = SR 1601 FOUSHEE ST TO NW. on US158 1	SE. on US158 2	FROM SOUTHEAST ON B = US 158-501/NC 57 TO NE. on SR1601 3	NW. on US158 4	FROM NORTHWEST ON C = US 158-501/NC 57 TO SE. on US158 5	NE. on SR1601 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	2	15	16	226	252	4	515	9	12	0	21
2:15P	8	13	17	204	246	7	495	17	6	0	23
2:30P	2	9	26	212	201	3	453	10	11	0	21
2:45P	6	11	29	249	220	5	520	22	11	0	33
3:00P	4	8	38	269	252	2	573	11	8	0	19
3:15P	6	17	29	231	306	5	594	14	10	0	24
3:30P	3	14	27	242	299	9	594	11	10	0	21
3:45P	2	14	29	265	282	2	594	13	11	0	24
4:00P	5	11	28	302	241	3	590	5	4	0	9
4:15P	8	12	29	287	283	3	622	8	9	0	17
4:30P	4	12	32	296	265	3	612	7	9	0	16
4:45P	2	2	31	305	277	7	624	4	1	0	5
5:00P	3	9	27	303	324	1	667	6	5	0	11
5:15P	3	13	33	321	290	3	663	3	9	0	12
5:30P	2	10	26	289	247	3	577	5	3	0	8
5:45P	4	15	31	286	275	5	616	7	3	0	10
6:00P	1	9	25	265	222	4	526	5	2	0	7
6:15P	3	9	15	276	233	2	538	4	4	0	8
6:30P											
6:45P											
7:00P	3	8	24	228	221	0	484	3	5	0	8
7:15P	7	11	19	166	207	0	410	0	0	0	0
7:30P	2	4	10	145	124	4	289	2	1	0	3
7:45P	0	4	11	134	174	0	323	2	5	0	7
8:00P											
8:15P											
8:30P											
8:45P											
9:00P											
9:15P											
9:30P											
9:45P											
13.00-HOUR TOTALS	165	619	1009	11018	11619	198	24628	595	416	0	1011
24-HOUR PROJECTION	216	809	1318	14102	14872	259	31576	631	541	0	1172
AM PEAK HOUR BEGINS AT 7:30A TOTALS	18	64	99	1008	912	16	2117	70	41	0	111
PM PEAK HOUR BEGINS AT 4:30P TOTALS	12	36	123	1225	1156	14	2566	20	24	0	44

SHORT LABEL		ROAD, STREET or DRIVEWAY
SR1601	=	SR 1601 FOUSHEE ST
US158	=	US 158-501/NC 57

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

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 7:30A	PEAK HOUR PERCENTAGES	
	24628	2117	AM:	7%
			PM:	8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:30P	PEAK HOUR FACTORS	
	31576	2566	AM:	0.84
			PM:	0.96

TRUCKS TOTALS ON NORTHWEST APPROACH OF US 158-501/NC 57

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	595	416	0	1011
PROJECTED	631	541	0	1172
PERCENTAGE	2.1%	1.8%	0.0%	4.0%

TOTALS AND FACTORS BY APPROACH:	A = NORTHEAST APPR. OF SR 1601 FOUSHEE ST		B = SOUTHEAST APPR. OF US 158-501/NC 57		C = NORTHWEST APPR. OF US 158-501/NC 57	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	784	1024	12027	15421	11817	15130
EXT. VOL.	1207	1577	12238	15680	11183	14318
TOTAL VOL.	1991	2601	24265	31101	23000	29448

AM PEAK	HOUR BEGINS: 7:30A		HOUR BEGINS: 7:30A		HOUR BEGINS: 7:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	82	42%	1107	53%	928	47%
EXT. VOL.	115	58%	976	47%	1026	53%
TOTAL VOL.	197	---	2083	---	1954	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.86	7%	0.84	7%	0.84

PM PEAK	HOUR BEGINS: 2:45P		HOUR BEGINS: 4:30P		HOUR BEGINS: 4:30P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	69	32%	1348	53%	1170	49%
EXT. VOL.	144	68%	1192	47%	1237	51%
TOTAL VOL.	213	---	2540	---	2407	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.93	8%	0.96	8%	0.95

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
NORTHWEST APPROACH                                          NORTHEAST APPROACH
      US158                                                       SR1601
      +------+                                                  +------+
      |29448 |                                                  | 2601 |
      +------+                                                  +------+
              259                                            216
       14872        Left                                Right        809
             Thru                                            Left

                                TOTAL ENTERING VOLUME:

                                  ++======++
                                  ||31576 ||
                                  ++======++

                                                             Right
                                                       Thru        1318
                                                            14102
                                                                +------+
                                                                |31101 |
                                                                +------+
                                                                      US158
                                                                SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:30A

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NORTHWEST APPROACH                                          NORTHEAST APPROACH
     US158                                                        SR1601
     +------+                                                  +------+
     | 1954 |                                                  |  197 |
     +------+                                                  +------+
            16                                                18
       912        Left                                Right         64
           Thru                                            Left

                          TOTAL ENTERING VOLUME:

                            ++======++
                            || 2117 ||
                            ++======++

                                                          Right
                                                    Thru          99
                                                          1008
                                                              +------+
                                                              | 2083 |
                                                              +------+
                                                                   US158
                                                              SOUTHEAST APPROACH
```

TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
4:30P

```
NORTHWEST APPROACH                                                  NORTHEAST APPROACH
     US158                                                                SR1601
     +------+                                                        +------+
     | 2407 |                                                        |  185 |
     +------+                                                        +------+
              14                                                    12
       1156        Left                                  Right          36
            Thru                                                Left

                                TOTAL ENTERING VOLUME:

                                  ++======++
                                  || 2566 ||
                                  ++======++

                                                                Right
                                                          Thru          123
                                                                1225
                                                                   +------+
                                                                   | 2540 |
                                                                   +------+
                                                                        US158
                                                                   SOUTHEAST APPROACH
```