KLT

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

NCDOT

COUNTY: PERSON NEAR CITY: ROXBORO

INTERSECTION: US 158 & SR 1579 REUBEN ALLEN RD

STATION #: 08TM0033 COUNTED BY: DOYLE

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

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 158
APPROACH: SOUTHWEST

TIME PERIOD	FROM NORTH ON A = SR 1579 REUBEN ALLEN RD T SW. on US158 1	NE. on US158 2	FROM NORTHEAST ON B = US 158 TO N. on SR1579 3	SW. on US158 4	FROM SOUTHWEST ON C = US 158 TO NE. on US158 5	N. on SR1579 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	5	0	2	12	4	0	23	0	1	0	1
6:15A	3	0	1	24	16	1	45	1	4	0	5
6:30A	3	1	2	34	8	0	48	2	1	0	3
6:45A	6	0	2	35	10	1	54	3	4	0	7
7:00A	5	1	3	23	12	1	45	5	2	0	7
7:15A	2	1	15	39	23	2	82	4	2	0	6
7:30A	0	0	10	69	13	0	92	10	2	0	12
7:45A	2	0	3	57	18	5	85	3	2	0	5
8:00A	1	5	7	26	21	2	62	1	6	0	7
8:15A	0	3	2	36	21	1	63	4	6	0	10
8:30A	1	8	1	31	14	1	56	5	2	0	7
8:45A	3	0	2	32	17	3	57	5	7	0	12
9:00A	0	1	3	29	24	2	59	1	6	0	7
9:15A	1	5	2	27	14	1	50	7	2	0	9
9:30A	1	0	1	28	23	3	56	7	3	0	10
9:45A	1	2	2	22	14	1	42	2	6	0	8
10:00A											
10:15A											
10:30A	0	1	3	27	27	2	60	4	4	0	8
10:45A	1	3	0	28	26	2	60	9	3	0	12
11:00A	1	0	1	18	30	1	51	6	3	0	9
11:15A	4	3	2	30	26	2	67	2	5	0	7
11:30A	2	3	1	23	26	1	56	3	4	0	7
11:45A	1	1	0	27	18	2	49	4	4	0	8
12:00P	3	3	3	26	27	3	65	3	4	0	7
12:15P	3	1	2	14	23	1	44	1	4	0	5
12:30P	1	1	2	22	30	1	57	7	6	0	13
12:45P	1	1	3	27	23	2	57	1	4	0	5
1:00P	2	1	2	21	21	2	49	4	2	0	6
1:15P	1	4	3	21	28	1	58	5	6	0	11
1:30P	2	2	0	29	22	3	58.	3	7	0	10
1:45P	2	1	3	15	16	2	39	2	4	0	6

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1579	SR 1579 REUBEN ALLEN RD
US158	US 158

TIME PERIOD	FROM NORTH ON A = SR 1579 REUBEN ALLEN RD T SW. on US158 1	NE. on US158 2	FROM NORTHEAST ON B = US 158 TO N. on SR1579 3	SW. on US158 4	FROM SOUTHWEST ON C = US 158 TO NE. on US158 5	N. on SR1579 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	0	1	3	28	33	0	65	6	8	0	14
2:15P	4	2	2	22	36	1	67	5	0	0	5
2:30P	3	1	3	24	24	1	56	1	4	0	5
2:45P	1	2	2	27	18	2	52	2	3	0	5
3:00P	4	2	3	26	43	6	84	5	2	0	7
3:15P	4	2	1	22	42	2	73	3	4	0	7
3:30P	1	5	1	30	40	2	79	6	5	0	11
3:45P	0	2	2	31	36	4	75	5	2	0	7
4:00P	2	3	1	31	36	3	76	7	2	0	9
4:15P	2	3	3	30	32	4	74	4	3	0	7
4:30P	2	2	4	35	38	1	82	4	3	0	7
4:45P	2	3	2	29	46	4	86	2	2	0	4
5:00P	1	5	5	24	46	2	83	4	2	0	6
5:15P	0	5	4	37	49	4	99	2	0	0	2
5:30P	3	4	1	32	45	4	89	2	0	0	2
5:45P	1	6	5	21	25	1	59	1	0	0	1
6:00P	0	2	1	29	47	4	83	0	2	0	2
6:15P	8	3	3	21	28	6	69	0	1	0	1
6:30P											
6:45P											
7:00P	1	2	2	18	33	3	59	0	0	0	0
7:15P	2	2	4	9	18	3	38	0	0	0	0
7:30P	2	1	4	13	23	3	46	0	1	0	1
7:45P	3	3	2	8	20	2	38	1	0	0	1
8:00P	1	3	1	15	19	1	40	0	0	0	0
8:15P	5	5	0	7	34	1	52	1	0	0	1
8:30P	3	1	3	10	24	2	43	0	0	0	0
8:45P	0	3	1	10	11	1	26	1	0	0	1
9:00P	4	4	0	8	20	3	39	1	0	0	1
9:15P	1	1	0	6	18	2	28	0	0	0	0
9:30P	3	1	1	10	17	0	32	0	1	0	1
9:45P	0	0	1	2	7	0	10	0	0	0	0
15.00-HOUR TOTALS	121	131	148	1467	1503	121	3491	177	161	0	338
24-HOUR PROJECTION	142	153	173	1708	1750	142	4067	188	209	0	397
AM PEAK HOUR BEGINS AT 7:15A TOTALS	5	6	35	191	75	9	321	18	12	0	30
PM PEAK HOUR BEGINS AT 4:45P TOTALS	6	17	12	122	186	14	357	10	4	0	14

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1579 =	SR 1579 REUBEN ALLEN RD
US158 =	US 158

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	
	3491	321	AM:	8%
			PM:	9%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:45P	PEAK HOUR FACTORS	
	4067	357	AM:	0.87
			PM:	0.90

TRUCKS TOTALS ON SOUTHWEST APPROACH OF US 158

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	177	161	0	338
PROJECTED	188	209	0	397
PERCENTAGE	5.0%	5.6%	0.0%	10.6%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF SR 1579 REUBEN ALLEN R		B = NORTHEAST APPR. OF US 158		C = SOUTHWEST APPR. OF US 158	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	252	295	1615	1881	1624	1891
EXT. VOL.	269	315	1634	1903	1588	1850
TOTAL VOL.	521	609	3249	3784	3212	3741

AM PEAK	HOUR BEGINS: 7:15A		HOUR BEGINS: 7:15A		HOUR BEGINS: 7:15A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	11	20%	226	74%	84	30%
EXT. VOL.	44	80%	81	26%	196	70%
TOTAL VOL.	55	---	307	---	280	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	9%	0.69	8%	0.83	7%	0.85

PM PEAK	HOUR BEGINS: 5:30P		HOUR BEGINS: 4:45P		HOUR BEGINS: 4:45P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	27	52%	134	40%	200	61%
EXT. VOL.	25	48%	203	60%	128	39%
TOTAL VOL.	52	---	337	---	328	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	9%	0.65	9%	0.89	9%	0.91

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
                    NORTH APPROACH
                        SR1579
                       +------+
                       |  609 |
                       +------+
                    142   153
                   Right Left

                                                  NORTHEAST APPROACH
                                                        US158
                                                     +------+
                                                     | 3784 |
                                                     +------+
                                                  173
                                          Right       1708
                                                Thru

                   TOTAL ENTERING VOLUME:

                      ++======++
                      || 4067 ||
                      ++======++

                 Left
            142        Thru
                 1750
          +------+
          | 3741 |
          +------+
          US158
   SOUTHWEST APPROACH
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                    TURNING MOVEMENT SUMMARY
                    Section 4:  AM Peak Hour Diagram
                           7:15A

                       NORTH APPROACH
                          SR1579
                         +------+
                         |   55 |                    NORTHEAST APPROACH
                         +------+                          US158
                        5     6                       +------+
                     Right Left                       |  307 |
                                                      +------+
                                                    35
                                            Right        191
                                                  Thru

                     TOTAL ENTERING VOLUME:

                        ++======++
                        ||  321 ||
                        ++======++


                 Left
             9         Thru
                  75
          +------+
          |  280 |
          +------+
          US158
     SOUTHWEST APPROACH
```

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TURNING MOVEMENT SUMMARY
Section 5:  PM Peak Hour Diagram
        4:45P

     NORTH APPROACH
        SR1579
       +------+
       |   49 |
       +------+
      6    17
   Right Left

                                  NORTHEAST APPROACH
                                        US158
                                   +------+
                                   |  337 |
                                   +------+
                                 12
                          Right        122
                                Thru

   TOTAL ENTERING VOLUME:

      ++======++
      ||  357 ||
      ++======++


            Left
        14        Thru
            186
     +------+
     |  328 |
     +------+
     US158
SOUTHWEST APPROACH
```