KLT

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

NCDOT

COUNTY: PERSON NEAR CITY: ROXBORO

INTERSECTION: US 158 & SR 1157 DEE LONG RD & SR 1308 ROBERT NORRIS RD

STATION #: 08TM0019 COUNTED BY: SENTERS

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

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 158
APPROACH: EAST

| TIME PERIOD | FROM NORTH ON A = SR 1308 ROBERT NORRIS RD T W. on US158 1 | S. on SR1157 2 | E. on US158 3 | FROM EAST ON B = US 158 TO N. on SR1308 4 | W. on US158 5 | S. on SR1157 6 | FROM SOUTH ON C = SR 1157 DEE LONG RD TO E. on US158 7 | N. on SR1308 8 | W. on US158 9 | FROM WEST ON D = US 158 TO S. on SR1157 10 | E. on US158 11 | N. on SR1308 12 | TOTAL all veh's. | SPECIAL COUNTS: DUALS | TTSTS | TWINS | TOTAL TRUCKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6:00A | 0 | 6 | 0 | 0 | 5 | 0 | 0 | 14 | 1 | 0 | 15 | 0 | 41 | 0 | 0 | 0 | 0 |
| 6:15A | 0 | 12 | 0 | 0 | 6 | 0 | 1 | 13 | 0 | 0 | 14 | 1 | 47 | 0 | 1 | 0 | 1 |
| 6:30A | 0 | 13 | 0 | 0 | 8 | 0 | 0 | 15 | 1 | 2 | 26 | 0 | 65 | 3 | 1 | 0 | 4 |
| 6:45A | 0 | 11 | 1 | 1 | 6 | 0 | 1 | 7 | 0 | 1 | 27 | 1 | 56 | 0 | 1 | 0 | 1 |
| 7:00A | 0 | 15 | 1 | 1 | 5 | 0 | 0 | 3 | 0 | 3 | 25 | 0 | 53 | 1 | 0 | 0 | 1 |
| 7:15A | 1 | 12 | 1 | 2 | 14 | 0 | 2 | 7 | 1 | 1 | 37 | 1 | 79 | 3 | 0 | 0 | 3 |
| 7:30A | 1 | 6 | 1 | 1 | 12 | 0 | 1 | 6 | 3 | 1 | 66 | 1 | 99 | 7 | 1 | 0 | 8 |
| 7:45A | 1 | 9 | 3 | 0 | 19 | 1 | 0 | 7 | 1 | 2 | 58 | 1 | 102 | 2 | 1 | 0 | 3 |
| 8:00A | 0 | 6 | 2 | 3 | 13 | 0 | 3 | 4 | 0 | 1 | 35 | 0 | 67 | 2 | 2 | 0 | 4 |
| 8:15A | 0 | 4 | 1 | 0 | 15 | 1 | 0 | 3 | 0 | 0 | 39 | 1 | 64 | 1 | 2 | 0 | 3 |
| 8:30A | 2 | 1 | 0 | 0 | 19 | 0 | 1 | 3 | 0 | 3 | 28 | 1 | 58 | 2 | 4 | 0 | 6 |
| 8:45A | 1 | 7 | 0 | 0 | 12 | 1 | 0 | 3 | 1 | 2 | 26 | 0 | 53 | 1 | 0 | 0 | 1 |
| 9:00A | 0 | 3 | 2 | 0 | 20 | 1 | 2 | 0 | 1 | 2 | 17 | 0 | 48 | 2 | 1 | 0 | 3 |
| 9:15A | 1 | 1 | 0 | 2 | 20 | 0 | 4 | 6 | 0 | 3 | 21 | 1 | 59 | 5 | 2 | 0 | 7 |
| 9:30A | 0 | 2 | 0 | 4 | 16 | 0 | 0 | 0 | 0 | 2 | 20 | 1 | 45 | 0 | 2 | 0 | 2 |
| 9:45A | 1 | 4 | 1 | 3 | 9 | 0 | 1 | 1 | 0 | 1 | 26 | 0 | 47 | 2 | 1 | 0 | 3 |
| 10:00A | | | | | | | | | | | | | | | | | |
| 10:15A | | | | | | | | | | | | | | | | | |
| 10:30A | 1 | 0 | 0 | 1 | 19 | 1 | 2 | 2 | 1 | 1 | 13 | 1 | 42 | 1 | 1 | 0 | 2 |
| 10:45A | 1 | 1 | 0 | 1 | 17 | 0 | 2 | 4 | 0 | 0 | 23 | 0 | 49 | 1 | 0 | 0 | 1 |
| 11:00A | 1 | 4 | 1 | 3 | 15 | 0 | 0 | 3 | 0 | 0 | 16 | 1 | 44 | 2 | 2 | 0 | 4 |
| 11:15A | 0 | 8 | 0 | 1 | 18 | 1 | 2 | 2 | 0 | 0 | 26 | 2 | 60 | 2 | 2 | 0 | 4 |
| 11:30A | 1 | 1 | 1 | 1 | 17 | 1 | 1 | 3 | 3 | 0 | 18 | 0 | 47 | 0 | 4 | 0 | 4 |
| 11:45A | 0 | 7 | 1 | 1 | 15 | 3 | 0 | 2 | 0 | 2 | 18 | 1 | 50 | 3 | 1 | 0 | 4 |
| 12:00P | 0 | 2 | 0 | 1 | 13 | 0 | 2 | 2 | 0 | 0 | 24 | 0 | 44 | 1 | 0 | 0 | 1 |
| 12:15P | 1 | 1 | 1 | 0 | 25 | 0 | 0 | 3 | 0 | 0 | 20 | 0 | 51 | 0 | 3 | 0 | 3 |
| 12:30P | 1 | 3 | 1 | 1 | 22 | 1 | 1 | 4 | 0 | 0 | 16 | 0 | 50 | 2 | 4 | 0 | 6 |
| 12:45P | 0 | 2 | 2 | 1 | 21 | 2 | 1 | 8 | 1 | 0 | 21 | 0 | 59 | 2 | 1 | 0 | 3 |
| 1:00P | 0 | 4 | 0 | 0 | 25 | 3 | 2 | 3 | 1 | 1 | 19 | 0 | 58 | 1 | 2 | 0 | 3 |
| 1:15P | 1 | 1 | 0 | 4 | 22 | 1 | 1 | 2 | 0 | 0 | 26 | 1 | 59 | 2 | 5 | 0 | 7 |
| 1:30P | 0 | 2 | 1 | 2 | 18 | 1 | 2 | 1 | 1 | 1 | 15 | 0 | 44 | 0 | 1 | 0 | 1 |
| 1:45P | 0 | 3 | 1 | 2 | 17 | 2 | 1 | 3 | 0 | 0 | 22 | 0 | 51 | 2 | 2 | 0 | 4 |

| SHORT LABEL | ROAD, STREET or DRIVEWAY |
|---|---|
| SR1308 | = SR 1308 ROBERT NORRIS RD |
| US158 | = US 158 |
| SR1157 | = SR 1157 DEE LONG RD |

| TIME PERIOD | FROM NORTH ON A = SR 1308 ROBERT NORRIS RD T W. on US158 1 | S. on SR1157 2 | E. on US158 3 | FROM EAST ON B = US 158 TO N. on SR1308 4 | W. on US158 5 | S. on SR1157 6 | FROM SOUTH ON C = SR 1157 DEE LONG RD TO E. on US158 7 | N. on SR1308 8 | W. on US158 9 | FROM WEST ON D = US 158 TO S. on SR1157 10 | E. on US158 11 | N. on SR1308 12 | TOTAL all veh's. | SPECIAL COUNTS: DUALS | TTSTS | TWINS | TOTAL TRUCKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2:00P | 3 | 1 | 1 | 0 | 17 | 1 | 1 | 5 | 0 | 0 | 28 | 2 | 59 | 7 | 1 | 0 | 8 |
| 2:15P | 2 | 7 | 3 | 2 | 20 | 1 | 0 | 4 | 0 | 1 | 34 | 0 | 74 | 5 | 2 | 0 | 7 |
| 2:30P | 0 | 4 | 0 | 1 | 18 | 1 | 0 | 5 | 1 | 0 | 23 | 1 | 54 | 1 | 3 | 0 | 4 |
| 2:45P | 1 | 5 | 0 | 2 | 12 | 1 | 2 | 5 | 1 | 2 | 17 | 1 | 49 | 4 | 0 | 0 | 4 |
| 3:00P | 1 | 6 | 0 | 0 | 28 | 1 | 0 | 6 | 1 | 0 | 27 | 1 | 71 | 2 | 2 | 0 | 4 |
| 3:15P | 0 | 5 | 2 | 0 | 37 | 0 | 0 | 6 | 1 | 2 | 13 | 1 | 67 | 3 | 2 | 0 | 5 |
| 3:30P | 0 | 14 | 0 | 3 | 46 | 1 | 0 | 6 | 1 | 2 | 22 | 1 | 96 | 5 | 1 | 0 | 6 |
| 3:45P | 2 | 12 | 0 | 0 | 15 | 1 | 3 | 12 | 2 | 1 | 17 | 0 | 65 | 1 | 3 | 0 | 4 |
| 4:00P | 0 | 3 | 0 | 3 | 20 | 3 | 0 | 9 | 1 | 1 | 23 | 2 | 65 | 1 | 4 | 0 | 5 |
| 4:15P | 1 | 7 | 0 | 2 | 23 | 0 | 1 | 14 | 0 | 1 | 11 | 2 | 62 | 1 | 1 | 0 | 2 |
| 4:30P | 0 | 5 | 0 | 2 | 25 | 3 | 1 | 8 | 0 | 2 | 16 | 0 | 62 | 2 | 1 | 0 | 3 |
| 4:45P | 0 | 8 | 2 | 3 | 48 | 5 | 3 | 10 | 2 | 2 | 25 | 1 | 109 | 1 | 2 | 0 | 3 |
| 5:00P | 2 | 11 | 1 | 1 | 46 | 1 | 3 | 13 | 4 | 1 | 21 | 0 | 104 | 4 | 1 | 0 | 5 |
| 5:15P | 0 | 4 | 0 | 0 | 39 | 2 | 0 | 8 | 0 | 0 | 23 | 0 | 76 | 2 | 1 | 0 | 3 |
| 5:30P | 0 | 6 | 2 | 1 | 41 | 0 | 1 | 6 | 2 | 0 | 26 | 3 | 88 | 2 | 1 | 0 | 3 |
| 5:45P | 3 | 23 | 2 | 4 | 26 | 5 | 1 | 16 | 0 | 0 | 20 | 0 | 100 | 1 | 0 | 0 | 1 |
| 6:00P | 0 | 6 | 1 | 4 | 28 | 0 | 0 | 18 | 4 | 0 | 15 | 2 | 78 | 1 | 0 | 0 | 1 |
| 6:15P | 1 | 4 | 0 | 0 | 28 | 6 | 1 | 12 | 2 | 1 | 25 | 1 | 81 | 1 | 3 | 0 | 4 |
| 6:30P | | | | | | | | | | | | | | | | | |
| 6:45P | | | | | | | | | | | | | | | | | |
| 7:00P | 2 | 5 | 0 | 1 | 30 | 0 | 0 | 5 | 2 | 0 | 16 | 1 | 62 | 0 | 0 | 0 | 0 |
| 7:15P | 1 | 2 | 0 | 0 | 15 | 0 | 1 | 3 | 0 | 0 | 10 | 0 | 32 | 0 | 0 | 0 | 0 |
| 7:30P | 1 | 3 | 0 | 1 | 11 | 1 | 0 | 8 | 0 | 0 | 11 | 2 | 38 | 1 | 0 | 0 | 1 |
| 7:45P | 0 | 9 | 0 | 1 | 19 | 0 | 0 | 5 | 1 | 0 | 11 | 1 | 47 | 0 | 0 | 0 | 0 |
| 8:00P | 1 | 5 | 0 | 1 | 16 | 2 | 0 | 4 | 0 | 0 | 7 | 2 | 38 | 1 | 0 | 0 | 1 |
| 8:15P | 0 | 0 | 1 | 0 | 31 | 0 | 0 | 3 | 0 | 0 | 11 | 0 | 46 | 0 | 1 | 0 | 1 |
| 8:30P | 0 | 2 | 1 | 0 | 20 | 1 | 0 | 0 | 0 | 1 | 8 | 0 | 33 | 1 | 0 | 0 | 1 |
| 8:45P | 2 | 3 | 0 | 0 | 19 | 0 | 0 | 2 | 1 | 0 | 4 | 0 | 31 | 1 | 0 | 0 | 1 |
| 9:00P | 0 | 5 | 0 | 0 | 16 | 0 | 0 | 4 | 2 | 1 | 8 | 2 | 38 | 0 | 0 | 0 | 0 |
| 9:15P | 2 | 1 | 2 | 0 | 14 | 0 | 0 | 10 | 0 | 0 | 6 | 0 | 35 | 0 | 0 | 0 | 0 |
| 9:30P | 1 | 1 | 0 | 0 | 9 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | 17 | 1 | 0 | 0 | 1 |
| 9:45P | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 3 | 0 | 0 | 7 | 0 | 19 | 1 | 0 | 0 | 1 |
| 15.00-HOUR TOTALS | 41 | 318 | 40 | 69 | 1188 | 56 | 51 | 348 | 44 | 47 | 1244 | 41 | 3487 | 100 | 76 | 0 | 176 |
| 24-HOUR PROJECTION | 48 | 374 | 47 | 81 | 1383 | 65 | 60 | 409 | 51 | 55 | 1448 | 48 | 4069 | 106 | 99 | 0 | 205 |
| AM PEAK HOUR BEGINS AT 7:15A TOTALS | 3 | 33 | 7 | 6 | 58 | 1 | 6 | 24 | 5 | 5 | 196 | 3 | 347 | 14 | 4 | 0 | 18 |
| PM PEAK HOUR BEGINS AT 4:45P TOTALS | 2 | 29 | 5 | 5 | 174 | 8 | 7 | 37 | 8 | 3 | 95 | 4 | 377 | 9 | 5 | 0 | 14 |

| SHORT LABEL | | ROAD, STREET or DRIVEWAY |
|---|---|---|
| SR1308 | = | SR 1308 ROBERT NORRIS RD |
| US158 | = | US 158 |
| SR1157 | = | SR 1157 DEE LONG RD |

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 | |
|---|---|---|---|---|
| | 3487 | 347 | AM: | 9% |
| | | | PM: | 9% |
| | PROJECTED 24-HOUR TOTAL | PM PEAK VOLUME AT 4:45P | PEAK HOUR FACTORS | |
| | 4069 | 377 | AM: | 0.85 |
| | | | PM: | 0.86 |

TRUCKS TOTALS ON EAST APPROACH OF US 158

| | DUALS | TTSTS | TWINS | TOTAL TRUCKS |
|---|---|---|---|---|
| SURVEY | 100 | 76 | 0 | 176 |
| PROJECTED | 106 | 99 | 0 | 205 |
| PERCENTAGE | 3.4% | 3.2% | 0.0% | 6.6% |

| TOTALS AND FACTORS BY APPROACH: | A = NORTH APPR. OF SR 1308 ROBERT NORRIS R | | B = EAST APPR. OF US 158 | | C = SOUTH APPR. OF SR 1157 DEE LONG RD | | D = WEST APPR. OF US 158 | |
|---|---|---|---|---|---|---|---|---|
| ALL HOURS IN SURVEY | SURVEY | PROJ. 24-HR. | SURVEY | PROJ. 24-HR. | SURVEY | PROJ. 24-HR. | SURVEY | PROJ. 24-HR. |
| ENT. VOL. | 399 | 468 | 1313 | 1529 | 443 | 520 | 1332 | 1551 |
| EXT. VOL. | 458 | 538 | 1335 | 1555 | 421 | 494 | 1273 | 1483 |
| TOTAL VOL. | 857 | 1006 | 2648 | 3084 | 864 | 1014 | 2605 | 3034 |
| AM PEAK | HOUR BEGINS: 6:00A | | HOUR BEGINS: 7:15A | | HOUR BEGINS: 6:00A | | HOUR BEGINS: 7:15A | |
| | SURVEY | DIR. DIST. | SURVEY | DIR. DIST. | SURVEY | DIR. DIST. | SURVEY | DIR. DIST. |
| ENT. VOL. | 43 | 45% | 65 | 24% | 53 | 54% | 204 | 76% |
| EXT. VOL. | 52 | 55% | 209 | 76% | 45 | 46% | 66 | 24% |
| TOTAL VOL. | 95 | --- | 274 | --- | 98 | --- | 270 | --- |
| | % 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% | 0.85 | 9% | 0.85 | 10% | 0.79 | 9% | 0.80 |
| PM PEAK | HOUR BEGINS: 5:30P | | HOUR BEGINS: 4:45P | | HOUR BEGINS: 5:30P | | HOUR BEGINS: 4:45P | |
| | SURVEY | DIR. DIST. | SURVEY | DIR. DIST. | SURVEY | DIR. DIST. | SURVEY | DIR. DIST. |
| ENT. VOL. | 48 | 42% | 187 | 64% | 63 | 55% | 102 | 36% |
| EXT. VOL. | 67 | 58% | 107 | 36% | 51 | 45% | 184 | 64% |
| TOTAL VOL. | 115 | --- | 294 | --- | 114 | --- | 286 | --- |
| | % 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 | 11% | 0.60 | 10% | 0.85 | 11% | 0.63 | 9% | 0.92 |

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
                                    NORTH APPROACH
                                        SR1308
                                       +------+
                                       | 1006 |
                                       +------+
                                     48   374    47
                                   Right Thru  Left



                        48  Left                TOTAL ENTERING VOLUME:                Right   81
  WEST        +------+                                                                          +------+        EAST
      US158 | 3034 | 1448  Thru                    ++======++                       Thru  1383 | 3084 |US158
APPROACH      +------+                              || 4069 ||                                +------+      APPROACH
                        55  Right                   ++======++                       Left    65



                                   Left  Thru  Right
                                     51   409    60
                                       +------+
                                       | 1014 |
                                       +------+
                                        SR1157
                                    SOUTH APPROACH
```

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                                   TURNING MOVEMENT SUMMARY
                                   Section 4:  AM Peak Hour Diagram
                                          7:15A

                                      NORTH APPROACH
                                         SR1308
                                        +------+
                                        |   76 |
                                        +------+
                                       3    33     7
                                     Right Thru  Left


                                 3  Left                TOTAL ENTERING VOLUME:                Right    6
  WEST          +------+                                                                                +------+          EAST
      US158     |  270 |  196  Thru                        ++======++                          Thru    58 |  274 |US158
APPROACH        +------+                                   || 347 ||                                   +------+        APPROACH
                                 5  Right                  ++======++                          Left     1


                                      Left  Thru  Right
                                        5    24     6
                                        +------+
                                        |   74 |
                                        +------+
                                         SR1157
                                      SOUTH APPROACH
```

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

```
                    NORTH APPROACH
                        SR1308
                      +-------+
                      |   82  |
                      +-------+
                     2    29     5
                  Right Thru  Left

                                                                                                  4  Left
  WEST        +-------+                    TOTAL ENTERING VOLUME:                  Right    5
       US158  |  286  |   95  Thru                                                          +-------+        EAST
APPROACH      +-------+                        ++=======++                        Thru   174  |  294  |US158
                                                 ||  377  ||                                +-------+       APPROACH
                                                 ++=======++                        Left     8
                                                                                                  3  Right

                                                 Left  Thru  Right
                                                    8    37     7
                                                     +-------+
                                                     |   92  |
                                                     +-------+
                                                      SR1157
                                                  SOUTH APPROACH
```