KLT

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

NCDOT

COUNTY: ROCKINGHAM NEAR CITY: REIDSVILLE

INTERSECTION: US 158 & SR 2823 BROOKS RD

STATION #: 08TM0006 COUNTED BY: NELSON

DATE: February 19 & 20, 2008 DAY OF WEEK: Wednesday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
SR 2823 BROOKS RD
APPROACH: SOUTHEAST

TIME PERIOD	FROM NORTHEAST ON A = US 158 TO SW. on US158 1	SE. on SR2823 2	FROM SOUTHEAST ON B = SR 2823 BROOKS RD TO NE. on US158 3	SW. on US158 4	FROM SOUTHWEST ON C = US 158 TO SE. on SR2823 5	NE. on US158 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	28	0	0	6	2	9	45	0	0	0	0
6:15A	71	0	0	7	1	14	93	0	0	0	0
6:30A	43	2	0	9	3	20	77	1	0	0	1
6:45A	52	1	0	11	2	15	81	1	0	0	1
7:00A	60	0	0	9	4	31	104	0	0	0	0
7:15A	94	0	0	11	5	25	135	1	0	0	1
7:30A	68	0	1	12	5	28	114	1	0	0	1
7:45A	66	1	0	5	6	34	112	0	0	0	0
8:00A	60	0	0	10	4	36	110	0	0	0	0
8:15A	53	0	0	6	9	31	99	1	0	0	1
8:30A	40	0	0	11	1	26	78	1	0	0	1
8:45A	41	1	0	5	6	32	85	0	0	0	0
9:00A	31	0	0	6	4	22	63	0	0	0	0
9:15A	27	0	1	3	5	22	58	1	0	0	1
9:30A	50	0	0	4	4	28	86	0	0	0	0
9:45A	37	1	1	9	3	26	77	0	0	0	0
10:00A											
10:15A											
10:30A	32	1	1	7	6	35	82	1	0	0	1
10:45A	34	0	0	9	8	44	95	0	0	0	0
11:00A	42	1	1	7	7	30	88	1	0	0	1
11:15A	33	1	0	8	7	33	82	1	1	0	2
11:30A	27	0	0	3	6	28	64	1	0	0	1
11:45A	36	2	0	7	3	33	81	0	0	0	0
12:00P	33	0	0	12	11	35	91	1	0	0	1
12:15P	31	0	0	4	4	38	77	1	0	0	1
12:30P	31	0	0	2	3	31	67	0	0	0	0
12:45P	34	1	0	8	6	38	87	1	0	0	1
1:00P	28	1	3	5	7	34	78	1	0	0	1
1:15P	41	0	2	6	6	31	86	0	0	0	0
1:30P	41	0	3	7	7	31	89	0	0	0	0
1:45P	39	1	1	8	4	23	76	0	0	0	0

SHORT LABEL	ROAD, STREET or DRIVEWAY
US158 =	US 158
SR2823 =	SR 2823 BROOKS RD

TIME PERIOD	FROM NORTHEAST ON A = US 158 TO SW. on US158 1	SE. on SR2823 2	FROM SOUTHEAST ON B = SR 2823 BROOKS RD TO NE. on US158 3	SW. on US158 4	FROM SOUTHWEST ON C = US 158 TO SE. on SR2823 5	NE. on US158 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	42	3	1	7	11	29	93	1	0	0	1
2:15P	33	0	0	5	2	31	71	0	0	0	0
2:30P	48	2	1	6	9	45	111	0	0	0	0
2:45P	50	1	0	4	8	34	97	1	0	0	1
3:00P	33	1	1	5	8	42	90	0	0	0	0
3:15P	41	1	0	4	8	50	104	1	0	0	1
3:30P	35	0	2	6	10	67	120	1	0	0	1
3:45P	45	3	2	8	11	65	134	0	0	0	0
4:00P	49	1	0	10	16	62	138	1	0	0	1
4:15P	51	1	1	13	14	59	139	0	0	0	0
4:30P	41	0	0	9	11	65	126	0	1	0	1
4:45P	33	2	1	9	14	70	129	0	0	0	0
5:00P	34	4	0	9	10	85	142	0	0	0	0
5:15P	36	2	4	9	12	68	131	0	0	0	0
5:30P	34	1	1	6	21	62	125	0	0	0	0
5:45P	33	2	1	13	9	68	126	0	0	0	0
6:00P	51	1	1	6	16	55	130	0	0	0	0
6:15P	36	1	1	10	4	53	105	0	0	0	0
6:30P											
6:45P											
7:00P	21	1	1	14	9	35	81	0	0	0	0
7:15P	19	1	1	4	5	35	65	0	0	0	0
7:30P	20	1	0	7	9	42	79	1	0	0	1
7:45P	27	1	0	6	10	30	74	1	0	0	1
8:00P											
8:15P											
8:30P											
8:45P											
9:00P											
9:15P											
9:30P											
9:45P											
13.00-HOUR TOTALS	2115	44	33	387	376	2015	4970	22	2	0	24
24-HOUR PROJECTION	2707	57	43	506	491	2579	6384	23	3	0	26
AM PEAK HOUR BEGINS AT 7:15A TOTALS	288	1	1	38	20	123	471	2	0	0	2
PM PEAK HOUR BEGINS AT 3:45P TOTALS	186	5	3	40	52	251	537	1	1	0	2

SHORT LABEL		ROAD, STREET or DRIVEWAY
US158	=	US 158
SR2823	=	SR 2823 BROOKS 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	
	4970	471	AM:	7%
			PM:	8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 3:45P	PEAK HOUR FACTORS	
	6384	537	AM:	0.87
			PM:	0.97

TRUCKS TOTALS ON SOUTHEAST APPROACH OF SR 2823 BROOKS RD

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	22	2	0	24
PROJECTED	23	3	0	26
PERCENTAGE	2.1%	0.2%	0.0%	2.3%

TOTALS AND FACTORS BY APPROACH:	A = NORTHEAST APPR. OF US 158		B = SOUTHEAST APPR. OF SR 2823 BROOKS RD		C = SOUTHWEST APPR. OF US 158	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	2159	2765	420	549	2391	3070
EXT. VOL.	2048	2622	420	549	2502	3213
TOTAL VOL.	4207	5387	840	1098	4893	6283
AM PEAK	HOUR BEGINS: 7:15A		HOUR BEGINS: 10:30A		HOUR BEGINS: 7:15A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	289	70%	33	52%	143	30%
EXT. VOL.	124	30%	31	48%	326	70%
TOTAL VOL.	413	---	64	---	469	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.87	6%	0.94	7%	0.87
PM PEAK	HOUR BEGINS: 4:15P		HOUR BEGINS: 4:45P		HOUR BEGINS: 3:45P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	166	37%	39	37%	303	57%
EXT. VOL.	281	63%	66	63%	226	43%
TOTAL VOL.	447	---	105	---	529	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.91	10%	0.91	8%	0.97

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
                                                                  NORTHEAST APPROACH
                                                                        US158
                                                                  +-------+
                                                                  | 5387 |
                                                                  +-------+
                                                            2707
                                                      Thru          57
                                                            Left

                                TOTAL ENTERING VOLUME:

                                  ++======++
                                  || 6384 ||
                                  ++======++

                 Thru                                       Right
          2579          Right                       Left          43
                 491                                       506
        +-------+                                              +-------+
        | 6283 |                                              | 1098 |
        +-------+                                              +-------+
        US158                                                        SR2823
   SOUTHWEST APPROACH                                          SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:15A

```
                                                    NORTHEAST APPROACH
                                                          US158
                                                    +-------+
                                                    |  413  |
                                                    +-------+
                                                 288
                                          Thru          1
                                                 Left

                          TOTAL ENTERING VOLUME:

                             ++=======++
                             ||  471  ||
                             ++=======++

                 Thru                                Right
            123          Right                 Left          1
                   20                                  38
          +-------+                                   +-------+
          |  469  |                                   |   60  |
          +-------+                                   +-------+
          US158                                             SR2823
     SOUTHWEST APPROACH                              SOUTHEAST APPROACH
```

TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
3:45P

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                                                    NORTHEAST APPROACH
                                                          US158
                                                    +------+
                                                    |  445 |
                                                    +------+
                                                 186
                                          Thru          5
                                                Left

                    TOTAL ENTERING VOLUME:

                       ++======++
                       ||  537 ||
                       ++======++

            Thru                                  Right
      251         Right                     Left          3
             52                                    40
    +------+                                        +------+
    |  529 |                                        |  100 |
    +------+                                        +------+
    US158                                                 SR2823
SOUTHWEST APPROACH                                  SOUTHEAST APPROACH
```