DP
KT

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

NCDOT

COUNTY: ROCKINGHAM NEAR CITY: REIDSVILLE

INTERSECTION: US 158 & US 29 SB RAMPS

STATION #: 08TM0004 COUNTED BY: DOYLE

DATE: February 19 & 21, 2008 DAY OF WEEK: Thursday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 158
APPROACH: WEST

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TIME PERIOD	FROM NORTH ON A = US 29 SB RAMPS TO W. on US158 1	S. on SBRAMPS 2	E. on US158 3	FROM EAST ON B = US 158 TO N. on SBRAMPS 4	W. on US158 5	S. on SBRAMPS 6	FROM SOUTH ON C = US 29 SB RAMPS TO E. on US158 7	N. on SBRAMPS 8	W. on US158 9	FROM WEST ON D = US 158 TO S. on SBRAMPS 10	E. on US158 11	N. on SBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	3	1	0	0	41	30	0	0	0	81	12	0	168	8	2	0	10
6:15A	3	0	0	0	75	32	0	0	0	123	19	0	252	5	11	0	16
6:30A	11	0	0	0	74	40	0	0	0	148	21	0	294	10	7	0	17
6:45A	11	0	2	0	73	16	0	0	0	123	18	0	243	7	11	0	18
7:00A	5	0	0	0	82	24	0	0	0	139	28	0	278	7	5	0	12
7:15A	9	0	3	0	106	31	0	0	0	176	28	0	353	7	18	0	25
7:30A	8	0	1	0	107	32	0	0	0	152	42	0	342	8	11	0	19
7:45A	16	0	1	0	117	26	0	0	0	134	35	0	329	11	14	0	25
8:00A	10	0	2	0	80	23	0	0	0	103	22	0	240	5	9	0	14
8:15A	22	0	1	0	92	23	0	0	0	77	32	0	247	7	19	1	27
8:30A	15	1	1	0	90	17	0	0	0	59	33	0	216	8	12	1	21
8:45A	7	0	2	0	65	12	0	0	0	58	25	0	169	12	16	0	28
9:00A	8	1	1	0	66	7	0	0	0	53	24	0	160	11	11	0	22
9:15A	10	0	0	0	86	10	0	0	0	61	27	0	194	19	17	0	36
9:30A	11	0	1	0	91	4	0	0	0	48	34	0	189	13	10	0	23
9:45A	9	0	1	0	68	6	0	0	0	36	36	0	156	12	12	0	24
10:00A																	
10:15A																	
10:30A	7	0	1	0	62	6	0	0	0	60	29	0	165	11	15	1	27
10:45A	15	0	2	0	70	13	0	0	0	39	39	0	178	15	19	0	34
11:00A	13	1	2	0	63	8	0	0	0	50	42	0	179	13	13	0	26
11:15A	10	0	3	0	73	15	0	0	0	57	36	0	194	12	19	0	31
11:30A	11	0	2	0	72	12	0	0	0	43	35	0	175	9	11	1	21
11:45A	12	0	1	0	51	9	0	0	0	55	34	0	162	6	20	0	26
12:00P	9	0	3	0	82	4	0	0	0	34	54	0	186	12	17	0	29
12:15P	7	1	2	0	75	8	0	0	0	47	47	0	187	7	11	0	18
12:30P	4	0	1	0	83	13	0	0	0	31	46	0	178	8	19	1	28
12:45P	6	0	1	0	81	5	0	0	0	55	45	0	193	7	18	0	25
1:00P	7	0	0	0	75	8	0	0	0	46	32	0	168	12	16	0	28
1:15P	4	0	0	0	89	11	0	0	0	43	41	0	188	11	9	0	20
1:30P	9	0	0	0	82	4	0	0	0	54	37	0	186	18	16	1	35
1:45P	10	0	0	0	68	10	0	0	0	42	46	0	176	9	15	0	24

SHORT LABEL	ROAD, STREET or DRIVEWAY

SBRAMPS = US 29 SB RAMPS
US158 = US 158

TIME PERIOD	FROM NORTH ON A = US 29 SB RAMPS TO W. on US158 1	S. on SBRAMPS 2	E. on US158 3	FROM EAST ON B = US 158 TO N. on SBRAMPS 4	W. on US158 5	S. on SBRAMPS 6	FROM SOUTH ON C = US 29 SB RAMPS TO E. on US158 7	N. on SBRAMPS 8	W. on US158 9	FROM WEST ON D = US 158 TO S. on SBRAMPS 10	E. on US158 11	N. on SBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	10	0	1	0	71	7	0	0	0	35	41	0	165	5	11	0	16
2:15P	13	2	0	0	94	12	0	0	0	68	45	0	234	10	21	0	31
2:30P	9	0	0	0	93	22	0	0	0	43	48	0	215	7	13	1	21
2:45P	15	1	0	0	86	10	0	0	0	56	36	0	204	7	16	0	23
3:00P	12	0	1	0	106	13	0	0	0	60	45	0	237	10	12	0	22
3:15P	12	0	0	0	109	11	0	0	0	60	66	0	258	6	23	0	29
3:30P	13	0	0	0	101	11	0	0	0	75	68	0	268	10	17	0	27
3:45P	23	0	2	0	142	13	0	0	0	55	68	0	303	7	9	0	16
4:00P	6	1	2	0	132	17	0	0	0	47	84	0	289	6	18	0	24
4:15P	12	0	0	0	134	10	0	0	0	69	76	0	301	11	14	0	25
4:30P	5	1	2	0	139	13	0	0	0	62	71	0	293	8	13	0	21
4:45P	11	0	2	0	131	7	0	0	0	40	69	0	260	5	7	0	12
5:00P	7	0	3	0	159	9	0	0	0	48	87	0	313	6	8	0	14
5:15P	12	1	2	0	175	8	0	0	0	78	65	0	341	7	14	1	22
5:30P	16	0	2	0	193	7	0	0	0	72	69	0	359	5	5	0	10
5:45P	5	0	1	0	163	10	0	0	0	58	63	0	300	6	9	0	15
6:00P	10	0	1	0	163	8	0	0	0	55	59	0	296	7	7	1	15
6:15P	9	0	1	0	133	15	0	0	0	61	52	0	271	7	6	0	13
6:30P																	
6:45P																	
7:00P	8	0	1	0	76	5	0	0	0	37	36	0	163	6	10	1	17
7:15P	4	0	0	0	83	6	0	0	0	29	36	0	158	0	7	1	8
7:30P	9	0	1	0	78	6	0	0	0	25	46	0	165	3	8	0	11
7:45P	4	0	0	0	76	6	0	0	0	23	40	0	149	2	2	1	5
8:00P	2	0	1	0	43	4	0	0	0	27	37	0	114	1	3	0	4
8:15P	2	0	1	0	48	4	0	0	0	20	32	0	107	2	8	0	10
8:30P	3	1	2	0	54	5	0	0	0	23	37	0	125	2	7	1	10
8:45P	1	0	0	0	50	0	0	0	0	28	33	0	112	2	7	0	9
9:00P	5	0	1	0	50	4	0	0	0	18	21	0	99	1	4	1	6
9:15P	3	0	0	0	34	7	0	0	0	15	26	0	85	3	0	1	4
9:30P	1	0	1	0	37	4	0	0	0	13	21	0	77	0	8	2	10
9:45P	6	0	0	0	34	3	0	0	0	17	20	0	80	0	6	0	6
15.00-HOUR TOTALS	530	12	62	0	5326	716	0	0	0	3544	2496	0	12686	452	696	17	1165
24-HOUR PROJECTION	617	14	72	0	6201	834	0	0	0	4126	2906	0	14770	479	905	22	1406
AM PEAK HOUR BEGINS AT 7:00A TOTALS	38	0	5	0	412	113	0	0	0	601	133	0	1302	33	48	0	81
PM PEAK HOUR BEGINS AT 5:00P TOTALS	40	1	8	0	690	34	0	0	0	256	284	0	1313	24	36	1	61

SHORT LABEL	ROAD, STREET or DRIVEWAY
SBRAMPS =	US 29 SB RAMPS
US158 =	US 158

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

INTER-SECTION TOTALS AND FACTORS:

VOLUME SURVEYED	AM PEAK VOLUME AT 7:00A	PEAK HOUR PERCENTAGES
12686	1302	AM: 9% PM: 9%
PROJECTED 24-HOUR TOTAL	**PM PEAK VOLUME AT 5:00P**	**PEAK HOUR FACTORS**
14770	1313	AM: 0.92 PM: 0.91

TRUCKS TOTALS ON WEST APPROACH OF US 158

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	452	696	17	1165
PROJECTED	479	905	22	1406
PERCENTAGE	3.5%	6.5%	0.2%	10.2%

TOTALS AND FACTORS BY APPROACH:

ALL HOURS IN SURVEY	A = NORTH APPR. OF US 29 SB RAMPS		B = EAST APPR. OF US 158		C = SOUTH APPR. OF US 29 SB RAMPS		D = WEST APPR. OF US 158	
	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	604	703	6042	7035	0	0	6040	7032
EXT. VOL.	0	0	2558	2978	4272	4974	5856	6818
TOTAL VOL.	604	703	8600	10013	4272	4974	11896	13850

AM PEAK	HOUR BEGINS: 7:45A		HOUR BEGINS: 7:00A		HOUR BEGINS: 7:00A		HOUR BEGINS: 7:00A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	69	100%	525	79%	0	0%	734	62%
EXT. VOL.	0	0%	138	21%	714	100%	450	38%
TOTAL VOL.	69	---	663	---	714	---	1184	---
	% 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	10%	0.75	7%	0.91	14%	0.86	9%	0.93

PM PEAK	HOUR BEGINS: 3:00P		HOUR BEGINS: 5:00P		HOUR BEGINS: 3:00P		HOUR BEGINS: 5:00P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	63	100%	724	71%	0	0%	540	43%
EXT. VOL.	0	0%	292	29%	298	100%	730	57%
TOTAL VOL.	63	---	1016	---	298	---	1270	---
	% 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%	0.63	10%	0.94	6%	0.87	9%	0.91

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                    NORTH APPROACH
                                       SBRAMPS
                                      +------+
                                      |  703 |
                                      +------+
                                   617    14    72
                                  Right Thru  Left


                        0  Left                TOTAL ENTERING VOLUME:                Right    0
  WEST        +------+                                                                          +------+        EAST
      US158   |13850 |  2906  Thru                  ++======++                       Thru  6201 |10013 |US158
APPROACH      +------+                              ||14770 ||                                 +------+      APPROACH
                       4126  Right                  ++======++                       Left   834


                                   Left  Thru  Right
                                      0     0     0
                                      +------+
                                      | 4974 |
                                      +------+
                                       SBRAMPS
                                   SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                           7:00A

                                       NORTH APPROACH
                                          SBRAMPS
                                         +------+
                                         |   43 |
                                         +------+
                                        38     0     5
                                      Right Thru  Left


                          0  Left                TOTAL ENTERING VOLUME:                Right    0
  WEST       +------+                                                                          +------+        EAST
      US158  | 1184 |  133  Thru                    ++======++                       Thru   412 |  663 |US158
APPROACH     +------+                                || 1302 ||                                +------+      APPROACH
                        601  Right                   ++======++                       Left   113


                                       Left  Thru  Right
                                          0     0     0
                                         +------+
                                         |  714 |
                                         +------+
                                          SBRAMPS
                                       SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                          5:00P

                                       NORTH APPROACH
                                          SBRAMPS
                                         +------+
                                         |   49 |
                                         +------+
                                        40     1     8
                                      Right Thru  Left



                          0  Left                TOTAL ENTERING VOLUME:                Right    0
  WEST        +------+                                                                          +------+        EAST
      US158   | 1270 |  284  Thru                    ++======++                       Thru   690 | 1016 |US158
APPROACH      +------+                                || 1313 ||                                +------+      APPROACH
                        256  Right                    ++======++                       Left    34



                                      Left  Thru  Right
                                         0     0     0
                                         +------+
                                         |  291 |
                                         +------+
                                          SBRAMPS
                                       SOUTH APPROACH
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