n4

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

NCDOT

COUNTY: ROCKINGHAM IN CITY: REIDSVILLE

INTERSECTION: US 158/29 NB RAMPS & SR 2686 RICHARDSON DR

STATION #: 08TM0216 COUNTED BY: DOYLE

DATE: August 11 & 14, 2008 DAY OF WEEK: Thursday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE: *
SR 2686 RICHARDSON DR
APPROACH: EAST

TIME PERIOD	FROM EAST ON A = SR 2686 RICHARDSON DR TO W. on SR2686 (1)	S. on NBRAMPS (2)	FROM SOUTH ON B = US 158/29 NB RAMPS TO E. on SR2686 (3)	W. on SR2686 (4)	FROM WEST ON C = SR 2686 RICHARDSON DR TO S. on NBRAMPS (5)	E. on SR2686 (6)	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	23	0	0	0	8	7	38	3	0	0	3
6:15A	44	0	0	0	7	18	69	1	1	0	2
6:30A	28	4	0	0	9	20	61	0	1	0	1
6:45A	23	1	0	0	17	34	75	2	0	0	2
7:00A	33	7	0	0	12	24	76	2	1	0	3
7:15A	46	4	0	0	14	31	95	2	1	0	3
7:30A	44	0	0	0	15	44	103	1	0	0	1
7:45A	48	5	0	0	15	69	137	2	0	0	2
8:00A	66	6	0	0	21	59	152	8	0	0	8
8:15A	47	4	0	0	18	58	127	1	3	0	4
8:30A	38	1	0	0	19	62	120	4	0	0	4
8:45A	56	12	0	0	15	50	133	8	1	0	9
9:00A	50	10	0	0	15	51	126	3	2	0	5
9:15A	64	9	0	0	12	58	143	3	2	0	5
9:30A	58	5	0	0	16	49	128	5	1	0	6
9:45A	55	11	0	0	26	70	162	1	1	0	2
10:00A											
10:15A											
10:30A	50	13	0	0	12	59	134	3	1	0	4
10:45A	58	16	0	0	16	52	142	3	2	0	5
11:00A	69	13	0	0	24	43	149	5	2	0	7
11:15A	55	14	0	0	21	49	139	5	3	0	8
11:30A	69	14	0	0	17	49	149	7	1	0	8
11:45A	68	18	0	0	20	62	168	3	0	0	3
12:00P	80	16	0	0	19	59	174	5	2	0	7
12:15P	78	12	0	0	11	52	153	4	3	0	7
12:30P	77	18	0	0	17	52	164	5	2	0	7
12:45P	67	15	0	0	17	63	162	3	2	0	5
1:00P	78	11	0	0	23	61	173	1	0	0	1
1:15P	78	9	0	0	13	66	166	3	4	0	7
1:30P	66	15	0	0	23	57	161	5	1	0	6
1:45P	69	9	0	0	11	60	149	8	2	0	10

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR2686 =	SR 2686 RICHARDSON DR
NBRAMPS =	US 158/29 NB RAMPS

TIME PERIOD	FROM EAST ON A = SR 2686 RICHARDSON DR TO W. on SR2686 1	S. on NBRAMPS 2	FROM SOUTH ON B = US 158/29 NB RAMPS TO E. on SR2686 3	W. on SR2686 4	FROM WEST ON C = SR 2686 RICHARDSON DR TO S. on NBRAMPS 5	E. on SR2686 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	83	10	0	0	22	52	167	4	1	0	5
2:15P	68	15	0	0	14	53	150	3	3	0	6
2:30P	72	9	0	0	23	53	157	4	3	0	7
2:45P	66	12	0	0	14	52	144	4	2	0	6
3:00P	87	13	0	0	20	48	168	5	3	0	8
3:15P	83	12	0	0	27	50	172	2	1	0	3
3:30P	80	10	0	0	30	66	186	5	3	0	8
3:45P	70	11	0	0	13	69	163	2	1	0	3
4:00P	82	4	0	0	22	54	162	2	0	0	2
4:15P	80	11	0	0	25	61	177	1	3	0	4
4:30P	92	10	0	0	26	67	195	1	0	0	1
4:45P	86	8	0	0	15	66	175	1	0	0	1
5:00P	102	12	0	0	22	57	193	2	0	0	2
5:15P	101	8	0	0	34	61	204	0	2	0	2
5:30P	103	4	0	0	20	49	176	0	1	0	1
5:45P	80	13	0	0	21	78	192	3	1	0	4
6:00P	90	8	0	0	20	54	172	2	1	0	3
6:15P	60	11	0	0	17	41	129	0	0	0	0
6:30P											
6:45P											
7:00P	43	6	0	0	15	47	111	1	0	0	1
7:15P	46	11	0	0	16	47	120	0	1	0	1
7:30P	41	6	0	0	11	31	89	1	0	0	1
7:45P	45	6	0	0	22	29	102	1	0	0	1
8:00P	36	2	0	0	14	37	89	0	0	0	0
8:15P	48	5	0	0	12	28	93	0	0	0	0
8:30P	43	4	0	0	9	32	88	0	1	0	1
8:45P	37	6	0	0	9	20	72	0	0	0	0
9:00P	42	0	0	0	5	31	78	1	0	0	1
9:15P	30	2	0	0	5	25	62	0	1	0	1
9:30P	25	1	0	0	7	18	51	0	0	0	0
9:45P	24	1	0	0	2	18	45	0	0	0	0
15.00-HOUR TOTALS	3630	503	0	0	995	2882	8010	151	67	0	218
24-HOUR PROJECTION	4265	588	0	0	1164	3386	9404	159	84	0	242
AM PEAK HOUR BEGINS AT 11:30A TOTALS	295	60	0	0	67	222	644	19	6	0	25
PM PEAK HOUR BEGINS AT 4:30P TOTALS	381	38	0	0	97	251	767	4	2	0	6

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR2686 =	SR 2686 RICHARDSON DR
NBRAMPS =	US 158/29 NB RAMPS

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

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 11:30A	PEAK HOUR PERCENTAGES	
	8010	644	AM:	7%
			PM:	8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:30P	PEAK HOUR FACTORS	
	9404	767	AM:	0.93
			PM:	0.94

TRUCKS TOTALS ON EAST APPROACH OF SR 2686 RICHARDSON DR

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	151	67	0	218
PROJECTED	159	84	0	242
PERCENTAGE	1.9%	1.0%	0.0%	2.9%

TOTALS AND FACTORS BY APPROACH:	A = EAST APPR. OF SR 2686 RICHARDSON DR		B = SOUTH APPR. OF US 158/29 NB RAMPS		C = WEST APPR. OF SR 2686 RICHARDSON DR	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	4133	4853	0	0	3877	4550
EXT. VOL.	2882	3386	1498	1752	3630	4265
TOTAL VOL.	7015	8240	1498	1752	7507	8815

AM PEAK	HOUR BEGINS: 11:30A		HOUR BEGINS: 11:00A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	355	62%	0	0%	289	49%
EXT. VOL.	222	38%	141	100%	295	51%
TOTAL VOL.	577	---	141	---	584	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	7%	0.93	8%	0.93	7%	0.92

PM PEAK	HOUR BEGINS: 4:30P		HOUR BEGINS: 2:45P		HOUR BEGINS: 4:30P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	419	63%	0	0%	348	48%
EXT. VOL.	251	37%	138	100%	381	52%
TOTAL VOL.	670	---	138	---	729	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.98	8%	0.86	8%	0.93

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
                                          TOTAL ENTERING VOLUME:
  WEST       +------+ 3386  Thru                                  Thru  4265 +------+        EAST
      SR2686| 8815 |                          ++======++                        | 8240 |SR2686
APPROACH     +------+ 1164  Right             || 9404 ||                Left   588 +------+      APPROACH
                                              ++======++


                                          Left  Right
                                             0     0
                                              +------+
                                              | 1752 |
                                              +------+
                                               NBRAMPS
                                           SOUTH APPROACH
```

TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
11:30A

```
                                                TOTAL ENTERING VOLUME:
  WEST       +------+  222  Thru                                                  Thru   295 +------+        EAST
      SR2686|  584 |                                  ++======++                                |  577 |SR2686
APPROACH     +------+   67  Right                    ||  644 ||                   Left    60 +------+      APPROACH
                                                     ++======++


                                                Left  Right
                                                   0     0
                                                    +------+
                                                    |  127 |
                                                    +------+
                                                     NBRAMPS
                                                 SOUTH APPROACH
```

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

```
                                    TOTAL ENTERING VOLUME:
  WEST       +------+  251  Thru                                  Thru   381 +------+        EAST
      SR2686|  729 |                    ++======++                           |  670 |SR2686
APPROACH     +------+   97  Right       ||  767 ||                  Left    38 +------+      APPROACH
                                        ++======++


                                   Left  Right
                                      0     0
                                       +------+
                                       |  135 |
                                       +------+
                                        NBRAMPS
                                    SOUTH APPROACH
```