US 17 U-TURNS AT MEDIAN BREAK
WEST OF SR 1566

KIT

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

NCDOT

COUNTY: BRUNSWICK NEAR CITY: BELVILLE

INTERSECTION: US 17 & DUMMY

STATION #: 08TM0123 COUNTED BY: Hester

DATE: May 19 & 22, 2008 DAY OF WEEK: Thursday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 17
APPROACH: WEST

TIME PERIOD	FROM NORTH ON A = DUMMY TO W. on US17 1	E. on US17 2	N. on DUMMY 3	FROM EAST ON B = US 17 TO N. on DUMMY 4	W. on US17 5	E. on US17 6	FROM WEST ON C = US 17 TO E. on US17 7	N. on DUMMY 8	W. on US17 9	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	0	0	0	0	90	14	166	0	1	271	16	17	0	33
6:15A	0	0	0	0	147	28	252	0	2	429	24	15	0	39
6:30A	0	0	0	0	180	24	273	0	4	481	27	12	0	39
6:45A	0	0	0	0	217	50	291	0	9	567	23	12	0	35
7:00A	0	0	0	0	241	72	386	0	10	709	26	23	0	49
7:15A	0	0	0	0	291	73	393	0	9	766	33	13	0	46
7:30A	0	0	0	0	242	71	384	0	2	699	44	13	0	57
7:45A	0	0	0	0	264	54	332	0	5	655	32	23	0	55
8:00A	0	0	0	0	262	51	338	0	12	663	30	12	0	42
8:15A	0	0	0	0	262	54	313	0	2	631	30	17	0	47
8:30A	0	0	0	0	300	60	328	0	9	697	36	25	0	61
8:45A	0	0	0	0	244	51	274	0	6	575	29	19	0	48
9:00A	0	0	0	0	235	47	279	0	6	567	37	30	0	67
9:15A	0	0	0	0	263	62	276	0	11	612	35	19	0	54
9:30A	0	0	0	0	264	58	298	0	3	623	41	26	0	67
9:45A	0	0	0	0	288	40	279	0	8	615	41	29	0	70
10:00A														
10:15A														
10:30A	0	0	0	0	290	37	267	0	11	605	36	21	0	57
10:45A	0	0	0	0	286	41	290	0	20	637	25	26	0	51
11:00A	0	0	0	0	257	39	241	0	26	563	31	15	0	46
11:15A	0	0	0	0	271	38	257	0	8	574	28	14	0	42
11:30A	0	0	0	0	304	42	282	0	24	652	36	24	0	60
11:45A	0	0	0	0	267	54	274	0	25	620	37	21	0	58
12:00P	0	0	0	0	306	48	288	0	21	663	36	16	0	52
12:15P	0	0	0	0	316	37	350	0	42	745	35	18	0	53
12:30P	0	0	0	0	325	51	302	0	41	719	33	16	0	49
12:45P	0	0	0	0	298	41	327	0	39	705	26	25	0	51
1:00P	0	0	0	0	315	34	340	0	19	708	30	16	0	46
1:15P	0	0	0	0	324	26	295	0	10	655	27	18	0	45
1:30P	0	0	0	0	334	74	301	0	24	733	39	37	0	76
1:45P	0	0	0	0	327	37	311	0	20	695	24	11	0	35

SHORT LABEL	ROAD, STREET or DRIVEWAY
US17 =	US 17

TIME PERIOD	FROM NORTH ON A = DUMMY TO W. on US17 1	E. on US17 2	N. on DUMMY 3	FROM EAST ON B = US 17 TO N. on DUMMY 4	W. on US17 5	E. on US17 6	FROM WEST ON C = US 17 TO E. on US17 7	N. on DUMMY 8	W. on US17 9	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	0	0	0	0	259	35	286	0	19	599	25	17	0	42
2:15P	0	0	0	0	285	44	233	0	24	586	22	22	0	44
2:30P	0	0	0	0	306	49	292	0	26	673	22	13	0	35
2:45P	0	0	0	0	283	34	276	0	15	608	31	23	0	54
3:00P	0	0	0	0	290	32	238	0	15	575	21	14	0	35
3:15P	0	0	0	0	378	35	255	0	33	701	21	19	0	40
3:30P	0	0	0	0	362	57	270	0	34	723	13	11	0	24
3:45P	0	0	0	0	388	81	307	0	21	797	24	11	0	35
4:00P	0	0	0	0	371	78	306	0	26	781	21	16	0	37
4:15P	0	0	0	0	348	37	323	0	22	730	26	17	0	43
4:30P	0	0	0	0	393	42	360	0	40	835	26	11	0	37
4:45P	0	0	0	0	404	37	339	0	26	806	13	11	0	24
5:00P	0	0	0	0	500	67	366	0	14	947	23	7	0	30
5:15P	0	0	0	0	471	63	398	0	25	957	12	13	0	25
5:30P	0	0	0	0	429	41	338	0	25	833	18	12	0	30
5:45P	0	0	0	0	414	55	287	0	25	781	10	10	0	20
6:00P	0	0	0	0	341	25	293	0	47	706	12	3	0	15
6:15P	0	0	0	0	309	33	246	0	16	604	3	6	0	9
6:30P														
6:45P														
7:00P	0	0	0	0	150	23	164	0	16	353	2	2	0	4
7:15P	0	0	0	0	244	18	194	0	31	487	11	7	0	18
7:30P	0	0	0	0	226	22	183	0	29	460	4	7	0	11
7:45P	0	0	0	0	165	35	145	0	27	372	3	4	0	7
8:00P	0	0	0	0	142	17	134	0	23	316	3	2	0	5
8:15P	0	0	0	0	163	22	133	0	13	331	1	5	0	6
8:30P	0	0	0	0	113	23	115	0	10	261	2	3	0	5
8:45P	0	0	0	0	162	22	91	0	4	279	4	6	0	10
9:00P	0	0	0	0	132	24	100	0	7	263	3	1	0	4
9:15P	0	0	0	0	129	17	93	0	7	246	3	1	0	4
9:30P	0	0	0	0	107	22	81	0	17	227	3	6	0	9
9:45P	0	0	0	0	110	13	91	0	11	225	2	2	0	4
15.00-HOUR TOTALS	0	0	0	0	16384	2511	15924	0	1077	35896	1331	865	0	2196
24-HOUR PROJECTION	0	0	0	0	19076	2924	18540	0	1254	41793	1411	1125	0	2535
AM PEAK HOUR BEGINS AT 7:00A TOTALS	0	0	0	0	1038	270	1495	0	26	2829	135	72	0	207
PM PEAK HOUR BEGINS AT 4:30P TOTALS	0	0	0	0	1768	209	1463	0	105	3545	74	42	0	116

SHORT LABEL	ROAD, STREET or DRIVEWAY
US17 =	US 17

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	
35896	2829	AM:	7%
		PM:	8%
PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:30P	PEAK HOUR FACTORS	
41793	3545	AM:	0.92
		PM:	0.93

TRUCKS TOTALS ON WEST APPROACH OF US 17

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	1331	865	0	2196
PROJECTED	1411	1125	0	2535
PERCENTAGE	3.5%	2.8%	0.0%	6.3%

TOTALS AND FACTORS BY APPROACH:

ALL HOURS IN SURVEY	A = NORTH APPR. OF DUMMY		B = EAST APPR. OF US 17		C = WEST APPR. OF US 17	
	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	0	0	18895	21999	17001	19794
EXT. VOL.	0	0	18435	21464	17461	20330
TOTAL VOL.	0	0	37330	43463	34462	40124

AM PEAK	HOUR BEGINS: 12:00A		HOUR BEGINS: 7:00A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	---	1308	43%	1306	50%
EXT. VOL.	0	---	1765	57%	1305	50%
TOTAL VOL.	0	---	3073	---	2611	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	NA	NA	7.1%	0.93	6.5%	0.87

PM PEAK	HOUR BEGINS: 11:45A		HOUR BEGINS: 4:45P		HOUR BEGINS: 4:30P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	---	2012	55%	1568	46%
EXT. VOL.	0	---	1649	45%	1873	54%
TOTAL VOL.	0	---	3661	---	3441	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	NA	NA	8.4%	0.92	8.6%	0.94

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
                                  DUMMY

                                     0

                              0      0      0
                           Right Left U-turn


                   1254 U-turn                TOTAL ENTERING VOLUME:                Right    0
  WEST      +-------+                                                                          +-------+        EAST
      US17  |40124 |     0  Left                  ++=======++                      Thru 19076 |43463 |US17
APPROACH    +-------+                              ||41793 ||                                  +-------+      APPROACH
                  18540  Thru                      ++=======++                     U-turn 2924
```

TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:00A

DUMMY

0

0 0 0
Right Left U-turn

26 U-turn

WEST
US17 | 2585 | 0 Left
APPROACH

1495 Thru

TOTAL ENTERING VOLUME:

|| 2829 ||

Right 0

Thru 1038 | 3073 |US17 EAST
APPROACH

U-turn 270

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


                                           DUMMY

                                               0

                                         0     0     0
                                      Right Left U-turn



                     105 U-turn                TOTAL ENTERING VOLUME:                Right    0
  WEST       +-------+                                                                          +-------+        EAST
      US17   | 3441 |    0  Left                  ++=======++                       Thru  1768 | 3649 |US17
APPROACH     +-------+                             || 3545 ||                                  +-------+      APPROACH
                    1463  Thru                     ++=======++                      U-turn  209
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