M4

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

COUNTY: AVERY IN CITY: SUGAR MOUNTAIN

INTERSECTION: NC 184 & SUGAR MOUNTAIN RD

STATION #: 08TM0134 COUNTED BY: Hester

DATE: July 8 & 9, 2008 DAY OF WEEK: Wednesday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
NC 184
APPROACH: NORTHWEST

TIME PERIOD	FROM SOUTHEAST ON A = NC 184 TO NW. on NC184 1	SW. on SUGAR 2	FROM SOUTHWEST ON B = SUGAR MOUNTAIN RD TO SE. on NC184 3	NW. on NC184 4	FROM NORTHWEST ON C = NC 184 TO SW. on SUGAR 5	SE. on NC184 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	7	1	1	0	0	17	26	1	0	0	1
6:15A	19	1	1	3	1	22	47	1	1	0	2
6:30A	38	5	5	3	2	32	85	1	1	0	2
6:45A	54	4	2	1	2	39	102	5	0	0	5
7:00A	60	1	2	1	1	59	124	4	0	0	4
7:15A	77	9	6	2	3	74	171	11	1	0	12
7:30A	100	10	7	6	7	96	226	10	1	0	11
7:45A	109	7	3	7	5	89	220	13	1	0	14
8:00A	93	5	7	0	3	84	192	6	3	0	9
8:15A	102	10	9	4	10	82	217	12	3	0	15
8:30A	99	4	8	7	4	93	215	15	3	0	18
8:45A	94	9	13	8	8	88	220	17	2	0	19
9:00A	107	17	8	8	7	113	260	14	3	0	17
9:15A	90	10	10	13	6	91	220	22	3	0	25
9:30A	94	11	10	11	6	112	244	8	1	0	9
9:45A	97	16	9	8	6	109	245	14	1	0	15
10:00A											
10:15A											
10:30A	108	6	13	10	7	88	232	15	2	0	17
10:45A	106	10	8	9	10	127	270	13	1	0	14
11:00A	124	20	9	11	6	123	293	19	0	0	19
11:15A	114	10	15	10	6	134	289	17	2	0	19
11:30A	112	7	18	7	7	132	283	18	0	0	18
11:45A	128	13	25	4	5	131	306	10	3	0	13
12:00P	129	10	31	7	7	141	325	13	3	0	16
12:15P	147	6	11	7	8	140	319	12	2	0	14
12:30P	129	13	12	9	3	124	290	18	0	0	18
12:45P	144	6	11	1	11	153	326	9	2	0	11
1:00P	109	10	5	9	7	156	296	9	2	0	11
1:15P	96	5	8	4	5	118	236	8	0	0	8
1:30P	122	14	8	11	6	112	273	7	2	0	9
1:45P	147	12	9	4	10	141	323	19	2	0	21

SHORT LABEL	ROAD, STREET or DRIVEWAY
NC184 =	NC 184
SUGAR =	SUGAR MOUNTAIN RD

TIME PERIOD	FROM SOUTHEAST ON A = NC 184 TO NW. on NC184 1	SW. on SUGAR 2	FROM SOUTHWEST ON B = SUGAR MOUNTAIN RD TO SE. on NC184 3	NW. on NC184 4	FROM NORTHWEST ON C = NC 184 TO SW. on SUGAR 5	SE. on NC184 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	117	20	18	6	10	136	307	15	2	0	17
2:15P	133	12	13	2	10	142	312	14	3	0	17
2:30P	92	10	13	5	9	118	247	8	6	0	14
2:45P	133	12	16	8	16	133	318	10	0	0	10
3:00P	122	14	17	3	5	134	295	14	0	0	14
3:15P	119	18	10	4	7	107	265	5	1	0	6
3:30P	136	13	8	3	4	100	264	4	0	0	4
3:45P	140	15	15	18	16	155	359	15	0	0	15
4:00P	129	13	7	2	3	184	338	4	2	0	6
4:15P	133	12	12	4	6	128	295	6	1	0	7
4:30P	136	10	10	11	5	138	310	8	0	0	8
4:45P	145	15	5	8	3	102	278	5	0	0	5
5:00P	153	15	5	14	7	129	323	6	1	0	7
5:15P	167	13	5	10	6	121	322	10	0	0	10
5:30P	146	8	7	12	4	100	277	3	0	0	3
5:45P	130	14	7	5	5	102	263	8	0	0	8
6:00P	124	11	8	4	4	97	248	8	0	0	8
6:15P	105	9	6	3	4	81	208	7	0	0	7
6:30P											
6:45P											
7:00P	91	7	7	5	5	78	193	0	0	0	0
7:15P	71	4	2	2	4	53	136	2	0	0	2
7:30P	55	3	2	3	2	49	114	0	0	0	0
7:45P	57	6	3	1	1	48	116	2	0	0	2
8:00P											
8:15P											
8:30P											
8:45P											
9:00P											
9:15P											
9:30P											
9:45P											
13.00-HOUR TOTALS	5589	516	480	318	305	5455	12663	495	61	0	556
24-HOUR PROJECTION	7150	653	607	402	386	6978	16176	520	76	0	596
AM PEAK HOUR BEGINS AT 11:30A TOTALS	516	36	85	25	27	544	1233	53	8	0	61
PM PEAK HOUR BEGINS AT 3:45P TOTALS	538	50	44	35	30	605	1302	33	3	0	36

SHORT LABEL		ROAD, STREET or DRIVEWAY
NC184	=	NC 184
SUGAR	=	SUGAR MOUNTAIN RD

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	
	12663	1233	AM:	8%
			PM:	8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 3:45P	PEAK HOUR FACTORS	
	16176	1302	AM:	0.95
			PM:	0.91

TRUCKS TOTALS ON NORTHWEST APPROACH OF NC 184

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	495	61	0	556
PROJECTED	520	76	0	596
PERCENTAGE	3.5%	0.5%	0.0%	4.0%

TOTALS AND FACTORS BY APPROACH:	A = SOUTHEAST APPR. OF NC 184		B = SOUTHWEST APPR. OF SUGAR MOUNTAIN RD		C = NORTHWEST APPR. OF NC 184	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	6105	7802	798	1009	5760	7364
EXT. VOL.	5935	7585	821	1039	5907	7552
TOTAL VOL.	12040	15388	1619	2048	11667	14916

AM PEAK	HOUR BEGINS: 11:30A		HOUR BEGINS: 11:15A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	552	47%	117	64%	571	51%
EXT. VOL.	629	53%	65	36%	541	49%
TOTAL VOL.	1181	---	182	---	1112	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.95	9%	0.83	7%	0.92

PM PEAK	HOUR BEGINS: 3:45P		HOUR BEGINS: 2:00P		HOUR BEGINS: 3:45P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	588	48%	81	45%	635	53%
EXT. VOL.	649	52%	99	55%	573	47%
TOTAL VOL.	1237	---	180	---	1208	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.93	9%	0.83	8%	0.92

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
NORTHWEST APPROACH
      NC184
      +------+
      |14916 |
      +------+
             6978
         386        Thru
             Right

                                TOTAL ENTERING VOLUME:

                                  ++======++
                                  ||16176 ||
                                  ++======++

             Left                                          Thru
         402        Right                          Left        7150
              607                                          653
      +------+                                                +------+
      | 2048 |                                                |15388 |
      +------+                                                +------+
      SUGAR                                                        NC184
SOUTHWEST APPROACH                                           SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
11:30A

```
NORTHWEST APPROACH
     NC184
     +------+
     | 1112 |
     +------+
             544
         27        Thru
             Right

                          TOTAL ENTERING VOLUME:

                            ++======++
                            || 1233 ||
                            ++======++

             Left                                        Thru
         25        Right                        Left          516
              85                                        36
     +------+                                             +------+
     |  173 |                                             | 1181 |
     +------+                                             +------+
     SUGAR                                                      NC184
SOUTHWEST APPROACH                                        SOUTHEAST APPROACH
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                         TURNING MOVEMENT SUMMARY
                         Section 5:  PM Peak Hour Diagram
                                  3:45P


NORTHWEST APPROACH
     NC184
     +------+
     | 1208 |
     +------+
            605
        30        Thru
            Right

                          TOTAL ENTERING VOLUME:

                             ++======++
                             || 1302 ||
                             ++======++


            Left                                          Thru
        35        Right                          Left          538
             44                                          50
     +------+                                              +------+
     |  159 |                                              | 1237 |
     +------+                                              +------+
     SUGAR                                                      NC184
SOUTHWEST APPROACH                                         SOUTHEAST APPROACH
```