MW

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

NCDOT

COUNTY: AVERY IN CITY: BANNER ELK

INTERSECTION: NC 184 & NC 194-184 & NC 194

STATION #: 08TM0129 COUNTED BY: Evans

DATE: July 7 & 10, 2008 DAY OF WEEK: Thursday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
NC 194-184
APPROACH: WEST

TIME PERIOD	FROM EAST ON A = NC 194 TO W. on NC194 1	S. on NC184 2	FROM SOUTH ON B = NC 184 TO E. on NC194 3	W. on NC194 4	FROM WEST ON C = NC 194-184 TO S. on NC184 5	E. on NC194 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	2	3	0	5	11	0	21	0	0	0	0
6:15A	2	8	0	5	26	1	42	0	0	0	0
6:30A	1	18	1	10	32	1	63	2	1	0	3
6:45A	7	15	9	23	44	4	102	2	0	0	2
7:00A	7	10	11	39	43	6	116	8	0	0	8
7:15A	11	18	10	43	65	8	155	5	0	0	5
7:30A	8	27	14	72	43	14	178	5	1	0	6
7:45A	14	30	21	60	89	20	234	5	0	0	5
8:00A	9	21	15	44	66	13	168	6	1	0	7
8:15A	11	20	20	62	73	6	192	9	1	0	10
8:30A	15	25	16	64	71	13	204	13	1	0	14
8:45A	14	20	15	59	55	16	179	4	0	0	4
9:00A	22	29	34	68	56	16	225	7	2	0	9
9:15A	15	29	25	58	57	13	197	6	0	0	6
9:30A	22	29	28	60	39	16	194	9	0	0	9
9:45A	23	34	20	43	41	15	176	8	0	0	8
10:00A											
10:15A											
10:30A	15	40	34	61	50	30	230	8	1	0	9
10:45A	28	53	25	59	62	25	252	10	0	0	10
11:00A	19	28	36	41	52	19	195	6	5	0	11
11:15A	19	47	32	48	75	27	248	6	1	0	7
11:30A	36	34	36	51	82	25	264	4	0	0	4
11:45A	34	55	32	83	74	24	302	9	4	0	13
12:00P	29	44	27	85	68	21	274	6	0	0	6
12:15P	28	48	26	97	76	18	293	5	1	0	6
12:30P	21	41	27	80	74	28	271	9	2	0	11
12:45P	21	27	34	74	75	27	258	8	1	0	9
1:00P	29	45	27	62	77	27	267	7	0	0	7
1:15P	21	36	37	81	77	17	269	9	2	0	11
1:30P	23	22	32	66	86	26	255	13	2	0	15
1:45P	13	36	40	78	65	26	258	10	2	0	12

SHORT LABEL	ROAD, STREET or DRIVEWAY
NC194 =	NC 194
NC184 =	NC 184
NC194 =	NC 194-184

TIME PERIOD	FROM EAST ON A = NC 194 TO W. on NC194 1	S. on NC184 2	FROM SOUTH ON B = NC 184 TO E. on NC194 3	W. on NC194 4	FROM WEST ON C = NC 194-184 TO S. on NC184 5	E. on NC194 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	38	56	24	92	58	29	297	4	0	0	4
2:15P	22	39	32	69	57	29	248	6	0	0	6
2:30P	21	51	33	64	49	24	242	2	0	0	2
2:45P	28	45	42	73	55	18	261	12	0	0	12
3:00P	24	42	37	63	48	29	243	5	0	0	5
3:15P	18	37	41	108	47	24	275	7	1	0	8
3:30P	28	41	23	85	67	17	261	7	1	0	8
3:45P	17	33	42	86	61	23	262	4	0	0	4
4:00P	23	49	47	89	48	18	274	8	0	0	8
4:15P	30	52	36	64	66	28	276	6	0	0	6
4:30P	22	44	29	103	47	24	269	7	0	0	7
4:45P	25	53	41	92	78	29	318	9	0	0	9
5:00P	30	29	31	88	76	37	291	10	0	0	10
5:15P	24	38	33	80	62	18	255	4	0	0	4
5:30P	24	44	26	100	67	27	288	7	1	0	8
5:45P	19	30	39	68	54	23	233	9	0	0	9
6:00P	10	26	16	81	36	15	184	4	0	0	4
6:15P	15	30	22	71	34	17	189	5	0	0	5
6:30P											
6:45P											
7:00P	15	24	24	38	34	19	154	0	0	0	0
7:15P	7	16	12	39	30	9	113	1	0	0	1
7:30P	8	18	18	41	21	15	121	1	0	0	1
7:45P	7	15	14	32	30	9	107	1	0	0	1
8:00P	10	6	20	39	25	12	112	0	0	0	0
8:15P	4	14	14	40	19	8	99	1	0	0	1
8:30P	7	15	13	29	23	5	92	0	0	0	0
8:45P	4	17	14	29	16	5	85	0	0	0	0
9:00P	9	11	10	35	12	5	82	2	0	0	2
9:15P	8	4	5	30	9	3	59	0	0	0	0
9:30P	5	4	9	31	13	5	67	0	0	0	0
9:45P	9	7	8	27	4	0	55	1	0	0	1
15.00-HOUR TOTALS	1030	1782	1439	3567	3050	1026	11894	322	31	0	353
24-HOUR PROJECTION	1200	2076	1676	4155	3552	1195	13853	338	39	0	377
AM PEAK HOUR BEGINS AT 11:30A TOTALS	127	181	121	316	300	88	1133	24	5	0	29
PM PEAK HOUR BEGINS AT 4:15P TOTALS	107	178	137	347	267	118	1154	32	0	0	32

SHORT LABEL	ROAD, STREET or DRIVEWAY
NC194	NC 194
NC184	NC 184
NC194	NC 194-184

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	
	11894	1133	AM:	8%
			PM:	8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:15P	PEAK HOUR FACTORS	
	13853	1154	AM:	0.94
			PM:	0.91

TRUCKS TOTALS ON WEST APPROACH OF NC 194-184

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	322	31	0	353
PROJECTED	338	39	0	377
PERCENTAGE	3.3%	0.4%	0.0%	3.7%

TOTALS AND FACTORS BY APPROACH:	A = EAST APPR. OF NC 194		B = SOUTH APPR. OF NC 184		C = WEST APPR. OF NC 194-184	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	2812	3275	5006	5831	4076	4747
EXT. VOL.	2465	2871	4832	5628	4597	5354
TOTAL VOL.	5277	6146	9838	11458	8673	10102

AM PEAK	HOUR BEGINS: 11:15A		HOUR BEGINS: 11:30A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	298	57%	437	48%	388	47%
EXT. VOL.	224	43%	481	52%	443	53%
TOTAL VOL.	522	---	918	---	831	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	8%	0.90	8%	0.93	8%	0.95

PM PEAK	HOUR BEGINS: 4:00P		HOUR BEGINS: 4:00P		HOUR BEGINS: 4:45P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	298	54%	501	53%	394	46%
EXT. VOL.	252	46%	437	47%	463	54%
TOTAL VOL.	550	---	938	---	857	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	9%	0.93	8%	0.89	8%	0.93

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                                TOTAL ENTERING VOLUME:
  WEST       +------+ 1195  Thru                                                Thru  1200 +------+        EAST
      NC194 |10102 |                                  ++======++                                | 6146 |NC194
APPROACH     +------+ 3552  Right                     ||13853 ||                 Left  2076 +------+      APPROACH
                                                      ++======++


                                                Left  Right
                                                4155  1676
                                                    +------+
                                                    |11458 |
                                                    +------+
                                                     NC184
                                                 SOUTH APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
11:30A

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                                                TOTAL ENTERING VOLUME:
  WEST       +-------+   88  Thru                                                Thru   127 +-------+        EAST
      NC194  |  831  |                                                                     |  517  |NC194
APPROACH     +-------+  300  Right                  ++=======++                   Left   181 +-------+      APPROACH
                                                   || 1133 ||
                                                   ++=======++

                                                Left  Right
                                                 316   121
                                                    +-------+
                                                    |  918  |
                                                    +-------+
                                                     NC184
                                                 SOUTH APPROACH
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TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
4:15P

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                                                TOTAL ENTERING VOLUME:
  WEST       +-------+  118  Thru                                                  Thru   107 +-------+        EAST
      NC194  |  839  |                                                                       |  540  |NC194
APPROACH     +-------+  267  Right                  ++=======++                     Left   178 +-------+      APPROACH
                                                    || 1154 ||
                                                    ++=======++


                                                Left  Right
                                                 347   137
                                                    +-------+
                                                    |  929  |
                                                    +-------+
                                                     NC184
                                                 SOUTH APPROACH
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