KLT

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

NCDOT

COUNTY: IREDELL NEAR CITY: STATESVILLE

INTERSECTION: US 70 & SR 1004 BUFFALO SHOALS RD

STATION #: 08TM0074 COUNTED BY: DOYLE

DATE: May 14 & 21, 2008 DAY OF WEEK: Wednesday, Wednesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
SR 1004 BUFFALO SHOALS RD
APPROACH: SOUTH

TIME PERIOD	FROM NORTH ON A = SR 1004 BUFFALO SHOALS RD NW. on US70 1	S. on SR1004 2	SE. on US70 3	FROM SOUTHEAST ON B = US 70 TO N. on SR1004 4	NW. on US70 5	S. on SR1004 6	FROM SOUTH ON C = SR 1004 BUFFALO SHOALS RD SE. on US70 7	N. on SR1004 8	NW. on US70 9	FROM NORTHWEST ON D = US 70 TO S. on SR1004 10	SE. on US70 11	N. on SR1004 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	1	2	2	0	37	5	16	3	7	10	49	1	133	4	1	0	5
6:15A	1	7	3	1	67	8	12	6	8	5	63	1	182	1	2	0	3
6:30A	1	5	1	7	111	9	23	10	18	9	106	0	300	2	1	0	3
6:45A	1	5	5	10	103	10	22	9	23	22	117	5	332	3	3	0	6
7:00A	2	11	3	7	63	20	9	17	12	10	93	5	252	4	1	0	5
7:15A	5	12	2	5	58	8	23	19	12	21	100	2	267	15	4	0	19
7:30A	5	10	2	4	87	7	31	21	19	15	106	13	320	12	1	0	13
7:45A	5	16	4	3	90	14	31	55	26	19	121	10	394	17	2	0	19
8:00A	1	15	2	4	95	16	13	33	16	26	98	3	322	4	4	0	8
8:15A	3	18	4	1	75	11	23	29	21	25	76	1	287	10	4	0	14
8:30A	2	7	3	6	68	10	19	26	25	10	78	0	254	6	2	0	8
8:45A	1	13	5	9	61	12	12	27	16	14	73	3	246	6	1	0	7
9:00A	2	13	6	6	57	13	22	17	11	14	74	7	242	12	2	0	14
9:15A	4	15	4	5	60	9	19	18	13	16	79	3	245	12	3	0	15
9:30A	3	15	4	6	69	13	18	23	12	15	76	1	255	9	3	0	12
9:45A	2	10	3	3	73	11	13	9	8	10	67	5	214	4	0	0	4
10:00A																	
10:15A																	
10:30A	0	14	4	5	69	8	15	13	14	11	67	2	222	11	4	0	15
10:45A	3	15	8	4	59	12	20	23	13	14	76	1	248	14	5	0	19
11:00A	1	15	3	4	77	14	10	15	19	19	56	4	237	7	6	0	13
11:15A	0	14	5	3	64	10	14	26	18	11	67	0	232	14	7	0	21
11:30A	2	16	7	10	64	8	8	14	24	16	69	4	242	11	5	0	16
11:45A	5	17	7	4	65	12	13	19	19	14	80	5	260	11	3	0	14
12:00P	3	26	6	2	72	15	9	18	17	17	66	3	254	8	4	0	12
12:15P	4	27	4	4	71	12	12	14	9	15	69	1	242	6	4	0	10
12:30P	3	15	5	4	68	17	18	12	7	13	74	7	243	9	4	0	13
12:45P	1	20	4	1	69	14	15	19	17	11	75	5	251	10	3	0	13
1:00P	2	17	4	4	84	11	18	18	18	14	79	3	272	10	5	0	15
1:15P	4	16	11	5	67	4	10	14	12	18	68	3	232	2	2	0	4
1:30P	1	17	7	5	60	13	13	19	10	19	76	3	243	15	4	0	19
1:45P	0	14	2	2	67	12	9	17	14	12	57	2	208	5	3	0	8

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1004	SR 1004 BUFFALO SHOALS RD
US70	US 70

TIME PERIOD	FROM NORTH ON A = SR 1004 BUFFALO SHOALS RD NW. on US70 1	S. on SR1004 2	SE. on US70 3	FROM SOUTHEAST ON B = US 70 TO N. on SR1004 4	NW. on US70 5	S. on SR1004 6	FROM SOUTH ON C = SR 1004 BUFFALO SHOALS RD SE. on US70 7	N. on SR1004 8	NW. on US70 9	FROM NORTHWEST ON D = US 70 TO S. on SR1004 10	SE. on US70 11	N. on SR1004 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	3	19	3	1	63	14	17	27	24	25	79	3	278	8	7	0	15
2:15P	2	21	4	3	100	9	14	19	18	14	104	3	311	10	2	0	12
2:30P	3	19	8	12	104	15	14	25	13	16	106	4	339	12	2	0	14
2:45P	3	20	14	11	109	25	17	18	16	23	99	4	359	16	5	0	21
3:00P	4	28	6	3	86	13	10	23	15	10	105	4	307	9	2	0	11
3:15P	4	34	10	6	114	16	20	24	9	16	110	3	366	6	2	0	8
3:30P	4	27	10	1	113	10	14	26	21	21	103	8	358	3	0	0	3
3:45P	5	23	8	7	107	20	10	14	16	22	127	4	363	12	0	0	12
4:00P	6	20	3	5	114	23	15	24	16	20	99	1	346	4	2	0	6
4:15P	9	19	11	7	104	17	8	24	16	28	103	5	351	6	1	0	7
4:30P	5	24	7	7	98	19	9	31	23	14	106	4	347	7	0	0	7
4:45P	6	20	4	8	116	17	12	18	17	29	79	6	332	7	3	0	10
5:00P	3	30	4	15	116	29	16	20	18	16	91	1	359	6	1	0	7
5:15P	4	45	10	5	123	18	19	19	23	30	108	6	410	4	2	0	6
5:30P	4	31	8	6	112	15	14	17	17	17	87	3	331	9	0	0	9
5:45P	3	18	4	7	92	20	11	23	16	17	71	4	286	2	1	0	3
6:00P	3	36	4	5	78	9	14	22	12	13	70	4	270	3	3	0	6
6:15P	5	11	4	3	74	13	6	16	11	14	45	3	205	3	4	0	7
6:30P																	
6:45P																	
7:00P	5	14	5	4	55	13	16	8	9	14	60	1	204	0	1	0	1
7:15P	0	19	4	4	51	12	14	9	4	12	66	1	196	1	0	0	1
7:30P	3	14	2	9	54	12	9	7	2	9	32	1	154	1	1	0	2
7:45P	0	11	3	2	32	3	4	8	10	8	52	2	135	0	1	0	1
8:00P																	
8:15P																	
8:30P																	
8:45P																	
9:00P																	
9:15P																	
9:30P																	
9:45P																	
13.00-HOUR TOTALS	152	920	266	265	4145	680	773	985	784	833	4257	178	14238	383	133	0	516
24-HOUR PROJECTION	199	1227	348	346	5305	889	1010	1314	1024	1088	5449	233	18431	402	166	0	568
AM PEAK HOUR BEGINS AT 7:30A TOTALS	14	59	12	12	347	48	98	138	82	85	401	27	1323	43	11	0	54
PM PEAK HOUR BEGINS AT 4:30P TOTALS	18	119	25	35	453	83	56	88	81	89	384	17	1448	24	6	0	30

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1004 =	SR 1004 BUFFALO SHOALS RD
US70 =	US 70

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

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 7:30A	PEAK HOUR PERCENTAGES
	14238	1323	AM: 7% PM: 8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:30P	PEAK HOUR FACTORS
	18431	1448	AM: 0.84 PM: 0.88

TRUCKS TOTALS ON SOUTH APPROACH OF SR 1004 BUFFALO SHOALS RD

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	383	133	0	516
PROJECTED	402	166	0	568
PERCENTAGE	6.1%	2.5%	0.0%	8.7%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF SR 1004 BUFFALO SHOALS		B = SOUTHEAST APPR. OF US 70		C = SOUTH APPR. OF SR 1004 BUFFALO SHOALS		D = NORTHWEST APPR. OF US 70	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	1338	1773	5090	6540	2542	3348	5268	6770
EXT. VOL.	1428	1893	5296	6806	2433	3204	5081	6528
TOTAL VOL.	2766	3666	10386	13346	4975	6552	10349	13298
AM PEAK	HOUR BEGINS:	7:30A	HOUR BEGINS:	7:15A	HOUR BEGINS:	7:30A	HOUR BEGINS:	7:30A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	85	32%	391	42%	318	62%	513	54%
EXT. VOL.	177	68%	533	58%	192	38%	443	46%
TOTAL VOL.	262	---	924	---	510	---	956	---
	% 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	7%	0.70	7%	0.88	8%	0.79	7%	0.88
PM PEAK	HOUR BEGINS:	4:30P	HOUR BEGINS:	3:15P	HOUR BEGINS:	4:30P	HOUR BEGINS:	3:30P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	162	54%	536	50%	225	44%	541	50%
EXT. VOL.	140	46%	529	50%	291	56%	531	50%
TOTAL VOL.	302	---	1065	---	516	---	1072	---
	% 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	8%	0.85	8%	0.95	8%	0.84	8%	0.95

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
                                    NORTH APPROACH
                                        SR1004
                                       +------+
                                       | 3666 |
NORTHWEST APPROACH                     +------+
      US70                           199  1227   348
      +------+                      Right Thru  Left
      |13298 |
      +------+        233
             5449         Left
        1088        Thru
             Right


                                TOTAL ENTERING VOLUME:

                                   ++======++
                                   ||18431 ||
                                   ++======++


                                                  Right
                                         Thru         346
                                Left          5305
                                      889       +------+
                                                |13346 |
                                                +------+
                                                      US70
                                                SOUTHEAST APPROACH
                                Left  Thru  Right
                                1024  1314  1010
                                    +------+
                                    | 6552 |
                                    +------+
                                     SR1004
                                 SOUTH APPROACH
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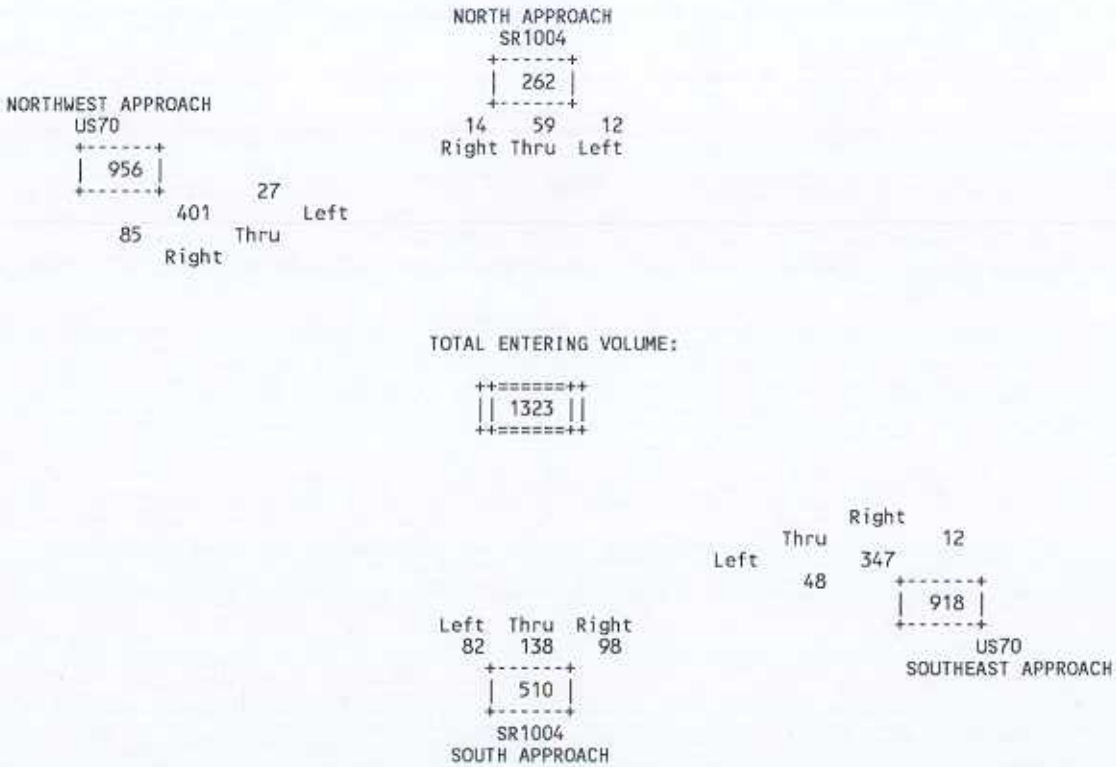
TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:30A



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

                                       NORTH APPROACH
                                           SR1004
                                          +-------+
                                          |  302  |
                                          +-------+
NORTHWEST APPROACH                      18   119    25
      US70                             Right Thru  Left
      +-------+
      | 1042 |
      +-------+          17
              384          Left
          89          Thru
              Right


                                   TOTAL ENTERING VOLUME:

                                       ++=======++
                                       || 1448 ||
                                       ++=======++


                                                          Right
                                                 Thru          35
                                        Left          453
                                                83       +-------+
                                                         | 1036 |
                                                         +-------+
                                   Left  Thru  Right                 US70
                                     81    88    56                SOUTHEAST APPROACH
                                       +-------+
                                       |  516  |
                                       +-------+
                                         SR1004
                                     SOUTH APPROACH
```