KLT

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

COUNTY: IREDELL IN CITY: STATESVILLE

INTERSECTION: I-40 EB RAMPS & NC 115

STATION #: 08TM0081 COUNTED BY: DOYLE

DATE: May 20 & 23, 2008 DAY OF WEEK: Friday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
NC 115
APPROACH: SOUTHEAST

TIME PERIOD	FROM NORTHEAST ON A = I-40 EB RAMPS TO NW. on NC115 1	SW. on EBRAMPS 2	SE. on NC115 3	FROM SOUTHEAST ON B = NC 115 TO NE. on EBRAMPS 4	NW. on NC115 5	SW. on EBRAMPS 6	FROM SOUTHWEST ON C = I-40 EB RAMPS TO SE. on NC115 7	NE. on EBRAMPS 8	NW. on NC115 9	FROM NORTHWEST ON D = NC 115 TO SW. on EBRAMPS 10	SE. on NC115 11	NE. on EBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	0	0	0	8	14	0	7	0	4	0	25	58	116	3	0	0	3
6:15A	0	0	0	19	25	0	11	0	6	0	44	56	161	1	2	0	3
6:30A	0	0	0	15	53	0	24	0	13	0	78	77	260	5	0	0	5
6:45A	0	0	0	22	58	0	23	0	7	0	82	98	290	6	0	0	6
7:00A	0	0	0	26	37	0	10	0	13	0	99	82	267	4	0	0	4
7:15A	0	0	0	25	64	0	41	0	20	0	130	80	360	6	2	0	8
7:30A	0	0	0	30	65	0	45	0	15	0	132	100	387	5	1	0	6
7:45A	0	0	0	42	54	0	71	1	25	0	174	81	448	3	0	0	3
8:00A	0	0	0	20	64	0	56	0	19	0	150	86	395	5	0	0	5
8:15A	0	0	0	26	62	0	34	0	22	0	110	64	318	3	2	0	5
8:30A	0	0	0	22	64	0	21	0	17	0	99	69	292	3	0	0	3
8:45A	0	0	0	22	71	0	32	0	19	0	110	73	327	7	0	0	7
9:00A	0	0	0	36	93	0	27	0	17	0	95	59	327	2	1	0	3
9:15A	0	0	0	24	80	0	31	0	14	0	101	46	296	11	0	0	11
9:30A	0	0	0	21	89	0	21	0	17	0	99	55	302	5	2	0	7
9:45A	0	0	0	21	62	0	7	0	4	0	67	45	206	4	1	0	5
10:00A																	
10:15A																	
10:30A	0	0	0	22	69	0	30	0	19	0	91	64	295	3	1	0	4
10:45A	0	0	0	27	92	0	23	0	15	0	111	52	320	5	0	0	5
11:00A	0	0	0	19	112	0	18	1	20	0	111	77	358	10	0	0	10
11:15A	0	0	0	31	106	0	19	0	22	0	102	58	338	4	2	0	6
11:30A	0	0	0	26	99	0	25	1	26	0	111	73	361	6	2	0	8
11:45A	0	0	0	30	121	0	15	1	24	0	138	63	392	12	0	0	12
12:00P	0	0	0	36	124	0	24	0	26	0	110	68	388	5	2	0	7
12:15P	0	0	0	26	147	0	20	1	19	0	138	63	414	6	3	0	9
12:30P	0	0	0	32	129	0	14	0	19	0	134	59	387	4	1	0	5
12:45P	0	0	0	36	128	0	25	0	14	0	133	66	402	16	2	0	18
1:00P	0	0	0	35	112	0	15	1	26	0	121	71	381	3	3	0	6
1:15P	0	0	0	25	119	0	20	0	26	0	116	63	369	3	1	0	4
1:30P	0	0	0	30	100	0	20	2	13	0	93	55	313	5	1	0	6
1:45P	0	0	0	21	101	0	33	2	12	0	94	47	310	6	2	0	8

SHORT LABEL	ROAD, STREET or DRIVEWAY
EBRAMPS	I-40 EB RAMPS
NC115	NC 115

TIME PERIOD	FROM NORTHEAST ON A = I-40 EB RAMPS TO NW. on NC115 1	SW. on EBRAMPS 2	SE. on NC115 3	FROM SOUTHEAST ON B = NC 115 TO NE. on EBRAMPS 4	NW. on NC115 5	SW. on EBRAMPS 6	FROM SOUTHWEST ON C = I-40 EB RAMPS TO SE. on NC115 7	NE. on EBRAMPS 8	NW. on NC115 9	FROM NORTHWEST ON D = NC 115 TO SW. on EBRAMPS 10	SE. on NC115 11	NE. on EBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	0	0	0	26	106	0	24	0	16	0	101	54	327	5	0	0	5
2:15P	0	0	0	30	100	0	19	1	15	0	98	53	316	6	2	0	8
2:30P	0	0	0	41	120	0	36	1	31	0	102	58	389	9	1	0	10
2:45P	0	0	0	31	135	0	28	2	17	0	118	71	402	9	1	0	10
3:00P	0	0	0	47	118	0	24	0	25	0	110	63	387	9	0	0	9
3:15P	0	0	0	45	146	0	36	0	28	0	120	56	431	6	1	0	7
3:30P	0	0	0	40	146	0	45	1	36	0	100	94	462	6	0	0	6
3:45P	0	0	0	46	160	0	47	1	31	0	132	80	497	12	1	0	13
4:00P	0	0	0	44	162	0	28	1	27	0	110	54	426	5	2	0	7
4:15P	0	0	0	40	155	0	34	1	25	0	115	50	420	4	1	0	5
4:30P	0	0	0	44	143	0	25	0	31	0	121	58	422	4	1	0	5
4:45P	0	0	0	41	164	0	28	0	23	0	105	64	425	5	0	0	5
5:00P	0	0	0	49	175	0	23	0	33	0	99	74	453	4	0	0	4
5:15P	0	0	0	53	177	0	29	0	27	0	96	86	468	2	0	0	2
5:30P	0	0	0	49	160	0	41	1	28	0	78	90	447	2	0	0	2
5:45P	0	0	0	37	128	0	24	2	32	0	105	65	393	3	0	0	3
6:00P	0	0	0	35	114	0	23	0	24	0	107	73	376	4	0	0	4
6:15P	0	0	0	36	104	0	14	0	28	0	96	49	327	3	0	0	3
6:30P																	
6:45P																	
7:00P	0	0	0	18	97	0	9	2	10	0	69	33	238	3	0	0	3
7:15P	0	0	0	20	86	0	10	1	8	0	61	46	232	3	0	0	3
7:30P	0	0	0	21	83	0	6	0	16	0	60	27	213	2	1	0	3
7:45P	0	0	0	21	58	0	3	0	9	0	48	23	162	1	0	0	1
8:00P																	
8:15P																	
8:30P																	
8:45P																	
9:00P																	
9:15P																	
9:30P																	
9:45P																	
13.00-HOUR TOTALS	0	0	0	1589	5351	0	1318	24	1033	0	5349	3329	17993	268	42	0	310
24-HOUR PROJECTION	0	0	0	2066	6845	0	1714	32	1343	0	6843	4329	23172	281	53	0	334
AM PEAK HOUR BEGINS AT 7:15A TOTALS	0	0	0	117	247	0	213	1	79	0	586	347	1590	19	3	0	22
PM PEAK HOUR BEGINS AT 3:15P TOTALS	0	0	0	175	614	0	156	3	122	0	462	284	1816	29	4	0	33

SHORT LABEL	ROAD, STREET or DRIVEWAY
EBRAMPS	I-40 EB RAMPS
NC115	NC 115

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

INTER-SECTION TOTALS AND FACTORS:

VOLUME SURVEYED	AM PEAK VOLUME AT 7:15A	PEAK HOUR PERCENTAGES
17993	1590	AM: 7% PM: 8%
PROJECTED 24-HOUR TOTAL	**PM PEAK VOLUME AT 3:15P**	**PEAK HOUR FACTORS**
23172	1816	AM: 0.89 PM: 0.91

TRUCKS TOTALS ON SOUTHEAST APPROACH OF NC 115

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	268	42	0	310
PROJECTED	281	53	0	334
PERCENTAGE	1.6%	0.3%	0.0%	1.9

TOTALS AND FACTORS BY APPROACH:

ALL HOURS IN SURVEY	A = NORTHEAST APPR. OF I-40 EB RAMPS		B = SOUTHEAST APPR. OF NC 115		C = SOUTHWEST APPR. OF I-40 EB RAMPS		D = NORTHWEST APPR. OF NC 115	
	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	0	0	6940	8912	2375	3089	8678	11172
EXT. VOL.	4942	6427	6667	8557	0	0	6384	8189
TOTAL VOL.	4942	6427	13607	17468	2375	3089	15062	19360

AM PEAK	HOUR BEGINS: 7:00A		HOUR BEGINS: 11:30A		HOUR BEGINS: 7:15A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	0%	609	51%	293	100%	764	57%
EXT. VOL.	467	100%	581	49%	0	0%	586	43%
TOTAL VOL.	467	---	1190	---	293	---	1350	---
	% 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%	0.90	7%	0.90	9%	0.76	7%	0.92

PM PEAK	HOUR BEGINS: 4:45P		HOUR BEGINS: 3:15P		HOUR BEGINS: 3:15P		HOUR BEGINS: 3:15P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	0%	789	56%	281	100%	746	50%
EXT. VOL.	507	100%	618	44%	0	0%	736	50%
TOTAL VOL.	507	---	1407	---	281	---	1482	---
	% 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%	0.91	8%	0.91	9%	0.86	8%	0.92

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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NORTHWEST APPROACH                                                    NORTHEAST APPROACH
     NC115                                                                  EBRAMPS
     +------+                                                          +------+
     |19360 |                                                          | 6427 |
     +------+       4329                                          0    +------+
            6843         Left                                Right        0
         0         Thru                                          Thru          0
            Right                                                     Left

                                  TOTAL ENTERING VOLUME:

                                     ++======++
                                     ||23172 ||
                                     ++======++

            Left                                                      Right
      1343         Thru                                          Thru        2066
              32         Right                                Left        6845
     +------+       1714                                          0    +------+
     | 3089 |                                                          |17468 |
     +------+                                                          +------+
     EBRAMPS                                                                 NC115
SOUTHWEST APPROACH                                                    SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:15A

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NORTHWEST APPROACH                                                    NORTHEAST APPROACH
     NC115                                                                 EBRAMPS
     +------+                                                          +------+
     | 1259 |                                                          |  465 |
     +------+          347                                        0    +------+
            586          Left                                Right        0
        0          Thru                                          Thru          0
           Right                                                     Left

                                TOTAL ENTERING VOLUME:

                                   ++======++
                                   || 1590 ||
                                   ++======++

           Left                                                     Right
       79          Thru                                          Thru        117
              1          Right                                Left        247
     +------+          213                                        0    +------+
     |  293 |                                                          | 1163 |
     +------+                                                          +------+
     EBRAMPS                                                                NC115
SOUTHWEST APPROACH                                                    SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
3:15P

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NORTHWEST APPROACH                                                    NORTHEAST APPROACH
     NC115                                                                 EBRAMPS
     +------+                                                          +------+
     | 1482 |                                                          |  462 |
     +------+          284                                       0     +------+
            462          Left                          Right          0
         0          Thru                                   Thru          0
            Right                                                Left

                                TOTAL ENTERING VOLUME:

                                   ++======++
                                   || 1816 ||
                                   ++======++

            Left                                                  Right
       122          Thru                                   Thru          175
               3          Right                      Left          614
     +------+          156                                       0     +------+
     |  281 |                                                          | 1407 |
     +------+                                                          +------+
     EBRAMPS                                                                NC115
SOUTHWEST APPROACH                                                    SOUTHEAST APPROACH
```