KLT

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

NCDOT

COUNTY: IREDELL IN CITY: STATESVILLE

INTERSECTION: US 21/NC 115 & US 70

STATION #: 08TM0075 COUNTED BY: DOYLE & SENTERS

DATE: May 19 & June 13, 2008 DAY OF WEEK: Friday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 21/NC 115
APPROACH: SOUTH

TIME PERIOD	FROM NORTH ON A = US 21/NC 115 TO W. on US70 1	S. on US21 2	E. on US70 3	FROM EAST ON B = US 70 TO N. on US21 4	W. on US70 5	S. on US21 6	FROM SOUTH ON C = US 21/NC 115 TO E. on US70 7	N. on US21 8	W. on US70 9	FROM WEST ON D = US 70 TO S. on US21 10	E. on US70 11	N. on US21 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	1	3	6	5	34	8	13	9	4	6	59	6	154	1	0	0	1
6:15A	7	19	10	5	53	9	18	15	4	5	65	5	215	5	3	0	8
6:30A	8	22	7	6	63	7	26	30	14	3	77	13	276	4	0	0	4
6:45A	5	31	6	6	88	15	27	40	3	8	96	13	338	3	1	0	4
7:00A	3	13	9	8	57	15	19	29	5	3	67	10	238	2	1	0	3
7:15A	6	35	5	13	51	22	19	31	9	5	64	7	267	2	3	0	5
7:30A	9	37	11	16	69	19	30	48	12	6	96	12	365	5	3	0	8
7:45A	14	36	18	19	84	27	21	80	8	10	85	20	422	7	0	0	7
8:00A	9	47	10	15	73	26	25	64	6	6	76	18	375	6	2	0	8
8:15A	8	40	11	22	71	21	23	64	6	9	65	11	351	5	2	0	7
8:30A	13	47	11	14	65	30	21	57	10	11	64	8	351	7	2	0	9
8:45A	9	50	13	18	62	20	23	77	10	15	52	14	363	11	5	0	16
9:00A	17	63	13	19	53	25	32	70	9	11	51	15	378	8	1	0	9
9:15A	9	62	18	18	47	19	26	71	10	9	56	11	356	13	7	0	20
9:30A	13	56	18	8	51	24	23	55	10	9	64	10	341	10	6	0	16
9:45A	15	36	10	9	37	27	20	39	10	5	49	7	264	6	3	0	9
10:00A																	
10:15A																	
10:30A	6	66	19	15	50	29	22	85	18	10	65	19	404	20	5	0	25
10:45A	9	65	20	16	58	29	28	81	15	13	63	13	410	11	2	0	13
11:00A	8	69	17	18	59	27	25	69	12	11	55	17	387	6	2	0	8
11:15A	13	78	18	17	78	37	31	68	13	16	67	10	446	10	4	0	14
11:30A	8	58	14	19	63	19	21	58	17	14	73	7	371	9	5	0	14
11:45A	11	57	16	17	63	20	20	59	19	18	74	12	386	13	7	0	20
12:00P	13	90	18	22	65	36	36	73	12	16	82	18	481	11	0	0	11
12:15P	11	93	25	32	102	33	40	80	14	14	74	24	542	13	3	0	16
12:30P	15	79	21	21	75	64	39	77	12	13	66	17	499	9	5	0	14
12:45P	15	79	18	11	75	26	33	70	11	13	66	18	435	11	1	0	12
1:00P	10	88	17	19	84	36	36	81	15	6	76	12	480	10	0	0	10
1:15P	13	85	17	15	62	26	26	66	20	11	65	14	420	9	2	0	11
1:30P	10	73	18	16	85	20	23	71	17	9	55	10	407	6	0	0	6
1:45P	10	76	19	13	85	17	19	72	21	8	83	14	437	7	2	0	9

SHORT LABEL	ROAD, STREET or DRIVEWAY
US21	= US 21/NC 115
US70	= US 70

TIME PERIOD	FROM NORTH ON A = US 21/NC 115 TO W. on US70 1	S. on US21 2	E. on US70 3	FROM EAST ON B = US 70 TO N. on US21 4	W. on US70 5	S. on US21 6	FROM SOUTH ON C = US 21/NC 115 TO E. on US70 7	N. on US21 8	W. on US70 9	FROM WEST ON D = US 70 TO S. on US21 10	E. on US70 11	N. on US21 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	14	75	17	21	73	24	36	70	13	10	84	21	458	9	4	0	13
2:15P	14	67	21	16	74	30	36	76	14	7	68	15	438	9	1	0	10
2:30P	7	57	10	16	49	22	26	72	15	9	86	7	376	8	2	0	10
2:45P	12	84	29	15	77	34	38	81	11	13	77	13	484	11	3	0	14
3:00P	29	87	27	21	80	47	32	66	14	12	67	14	496	11	5	0	16
3:15P	15	102	19	23	85	37	35	58	12	9	100	14	509	9	3	0	12
3:30P	18	92	22	19	102	38	32	89	8	14	77	15	526	8	3	0	11
3:45P	19	108	26	26	91	38	43	78	14	9	81	18	551	8	6	0	14
4:00P	28	87	33	19	99	37	38	81	11	13	98	17	561	9	3	0	12
4:15P	10	102	8	22	95	32	45	101	11	5	88	11	530	13	2	0	15
4:30P	13	85	19	17	93	46	32	88	12	12	84	16	517	4	3	0	7
4:45P	18	82	17	18	111	38	28	85	15	13	94	16	535	7	3	0	10
5:00P	21	118	29	12	122	49	44	58	17	9	94	15	588	5	0	0	5
5:15P	5	99	16	21	112	37	29	72	6	13	94	12	516	3	2	0	5
5:30P	13	84	29	29	88	26	32	60	10	11	82	15	479	5	0	0	5
5:45P	6	76	20	16	73	36	33	66	12	14	66	11	429	2	3	0	5
6:00P	12	69	12	15	82	31	25	69	11	7	66	14	413	1	0	0	1
6:15P	12	56	10	11	55	25	26	55	12	9	55	10	336	3	0	0	3
6:30P																	
6:45P																	
7:00P	12	49	6	8	52	20	17	48	5	8	54	9	288	4	0	0	4
7:15P	4	31	8	8	42	15	13	42	5	1	39	8	216	1	1	0	2
7:30P	8	43	4	13	37	15	16	32	2	10	30	5	215	1	0	0	1
7:45P	9	52	3	13	39	14	13	42	10	3	32	6	236	1	0	0	1
8:00P	11	28	10	11	38	15	20	31	4	2	35	9	214	1	0	0	1
8:15P	11	52	14	5	37	16	18	35	5	1	25	7	226	1	0	0	1
8:30P	8	38	11	10	37	19	10	30	8	6	39	7	223	2	1	0	3
8:45P	8	27	5	9	30	19	28	28	6	6	38	5	209	2	0	0	2
9:00P	9	36	8	5	27	13	6	20	5	6	29	2	166	0	0	0	0
9:15P	6	33	3	5	24	12	8	18	5	5	25	2	146	1	0	0	1
9:30P	8	17	4	10	27	15	11	13	3	6	25	2	141	1	0	0	1
9:45P	3	19	4	3	27	7	8	14	6	0	32	3	126	1	0	0	1
15.00-HOUR TOTALS	661	3608	877	889	3940	1540	1543	3467	628	536	3914	704	22307	381	122	0	503
24-HOUR PROJECTION	770	4201	1021	1035	4587	1793	1796	4037	731	624	4557	820	25972	404	159	0	562
AM PEAK HOUR BEGINS AT 11:30A TOTALS	43	298	73	90	293	108	117	270	62	62	303	61	1780	46	15	0	61
PM PEAK HOUR BEGINS AT 4:15P TOTALS	62	387	73	69	421	165	149	332	55	39	360	58	2170	29	8	0	37

SHORT LABEL	ROAD, STREET or DRIVEWAY
US21	= US 21/NC 115
US70	= US 70

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
	22307	1780	AM: 7% PM: 8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:15P	PEAK HOUR FACTORS
	25972	2170	AM: 0.82 PM: 0.92

TRUCKS TOTALS ON SOUTH APPROACH OF US 21/NC 115

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	381	122	0	503
PROJECTED	404	159	0	562
PERCENTAGE	3.1%	1.2%	0.0%	4.3%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF US 21/NC 115		B = EAST APPR. OF US 70		C = SOUTH APPR. OF US 21/NC 115		D = WEST 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.	5146	5991	6369	7415	5638	6564	5154	6001
EXT. VOL.	5060	5891	6334	7375	5684	6618	5229	6088
TOTAL VOL.	10206	11883	12703	14790	11322	13182	10383	12089
AM PEAK	HOUR BEGINS:	11:30A	HOUR BEGINS:	11:30A	HOUR BEGINS:	10:30A	HOUR BEGINS:	11:30A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	414	50%	491	50%	467	51%	426	52%
EXT. VOL.	421	50%	493	50%	450	49%	398	48%
TOTAL VOL.	835	---	984	---	917	---	824	---
	% 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%	0.79	7%	0.80	7%	0.94	7%	0.86
PM PEAK	HOUR BEGINS:	3:30P	HOUR BEGINS:	4:30P	HOUR BEGINS:	3:45P	HOUR BEGINS:	4:30P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	553	53%	676	54%	554	49%	472	46%
EXT. VOL.	496	47%	580	46%	574	51%	545	54%
TOTAL VOL.	1049	---	1256	---	1128	---	1017	---
	% 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	9%	0.95	8%	0.90	9%	0.95	8%	0.91

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                  NORTH APPROACH
                                      US21
                                     +------+
                                     |11883 |
                                     +------+
                                  770  4201  1021
                                 Right Thru  Left


                    820  Left                TOTAL ENTERING VOLUME:                Right 1035
  WEST       +------+                                                                          +------+        EAST
      US70   |12089 | 4557  Thru                  ++======++                      Thru  4587 |14790 |US70
APPROACH     +------+                              ||25972 ||                                 +------+      APPROACH
                    624  Right                     ++======++                      Left  1793


                                  Left  Thru  Right
                                   731  4037  1796
                                     +------+
                                     |13182 |
                                     +------+
                                      US21
                                  SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                           11:30A

                                       NORTH APPROACH
                                           US21
                                          +-------+
                                          |  835 |
                                          +-------+
                                        43   298    73
                                      Right Thru  Left

                                 61  Left                TOTAL ENTERING VOLUME:                Right   90
  WEST          +-------+                                                                                +-------+          EAST
      US70      |  824 |  303  Thru                          ++======++                       Thru   293 |  984 |US70
APPROACH        +-------+                                    || 1780 ||                                  +-------+        APPROACH
                                 62  Right                   ++======++                       Left   108

                                                      Left  Thru  Right
                                                        62   270   117
                                                          +-------+
                                                          |  917 |
                                                          +-------+
                                                           US21
                                                       SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                          4:15P

                                      NORTH APPROACH
                                         US21
                                        +------+
                                        |  981 |
                                        +------+
                                      62   387    73
                                    Right Thru  Left


                        58  Left                TOTAL ENTERING VOLUME:                Right   69
  WEST        +------+                                                                          +------+        EAST
      US70    |  995 |  360  Thru                  ++======++                       Thru   421 | 1237 |US70
APPROACH      +------+                             || 2170 ||                                 +------+      APPROACH
                        39  Right                  ++======++                       Left   165


                                      Left  Thru  Right
                                        55   332   149
                                        +------+
                                        | 1127 |
                                        +------+
                                         US21
                                      SOUTH APPROACH
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