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

NCDOT

COUNTY: CATAWBA IN CITY: NEWTON

INTERSECTION: NC 16 & SR 1800 CALAB SETZER RD & E P ST

STATION #: 08TM0230 COUNTED BY: Nelson

DATE: September 9 & 11, 2008 DAY OF WEEK: Thursday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
SR 1800 CALAB SETZER RD
APPROACH: EAST

TIME PERIOD	FROM NORTH ON A = NC 16 TO W. on EP 1	S. on NC16 2	E. on SR1800 3	FROM EAST ON B = SR 1800 CALAB SETZER RD TO N. on NC16 4	W. on EP 5	S. on NC16 6	FROM SOUTH ON C = NC 16 TO E. on SR1800 7	N. on NC16 8	W. on EP 9	FROM WEST ON D = E P ST TO S. on NC16 10	E. on SR1800 11	N. on NC16 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	0	22	1	2	39	12	24	26	2	1	16	0	145	3	4	0	7
6:15A	0	28	2	2	60	18	15	20	14	0	24	1	184	3	5	0	8
6:30A	0	29	1	6	37	21	31	40	12	1	48	2	228	1	6	0	7
6:45A	0	33	0	3	55	18	29	59	14	2	40	0	253	4	3	0	7
7:00A	2	34	0	0	22	22	24	47	3	3	27	6	190	3	6	0	9
7:15A	1	30	0	1	26	21	39	61	6	2	19	1	207	3	3	0	6
7:30A	7	33	2	3	29	20	47	74	8	2	24	2	251	2	5	0	7
7:45A	4	37	2	4	33	22	50	69	3	2	22	3	251	3	9	0	12
8:00A	13	34	3	2	32	26	45	74	1	1	22	4	257	8	7	0	15
8:15A	7	33	1	5	13	20	33	75	5	2	13	1	208	7	13	0	20
8:30A	4	39	2	3	22	28	24	92	2	2	17	2	237	6	8	0	14
8:45A	4	40	3	2	14	24	16	62	3	2	12	2	184	5	8	0	13
9:00A	2	29	0	2	10	20	19	54	3	1	3	0	143	8	11	0	19
9:15A	5	32	3	1	6	19	12	80	2	1	13	2	176	4	5	0	9
9:30A	5	36	2	1	8	17	17	67	4	1	15	3	176	3	6	0	9
9:45A	4	39	1	1	7	26	17	56	3	1	19	1	175	9	10	0	19
10:00A																	
10:15A																	
10:30A	2	49	1	7	15	13	28	61	3	1	5	1	186	6	11	0	17
10:45A	2	42	1	2	9	15	12	44	0	2	8	2	139	4	7	0	11
11:00A	4	45	3	5	14	22	22	58	3	5	7	3	191	14	11	0	25
11:15A	4	44	1	5	14	14	11	67	1	1	11	3	176	7	11	0	18
11:30A	5	50	8	1	13	18	14	55	1	1	14	9	189	7	10	0	17
11:45A	1	53	5	5	9	20	27	65	0	3	24	2	214	8	9	0	17
12:00P	5	50	4	0	11	22	15	49	2	3	11	8	180	5	4	0	9
12:15P	7	66	4	5	7	22	16	65	1	2	7	9	211	3	9	0	12
12:30P	6	93	4	3	19	19	16	52	2	1	4	6	225	6	9	0	15
12:45P	5	57	6	3	14	20	19	63	3	2	9	2	203	5	10	0	15
1:00P	3	70	4	4	15	23	31	40	1	4	13	2	210	8	5	0	13
1:15P	4	68	6	1	13	19	23	53	3	2	9	1	202	3	4	0	7
1:30P	5	51	0	5	8	24	21	55	4	5	10	3	191	7	8	0	15
1:45P	7	72	4	1	14	17	23	62	2	1	11	4	218	2	2	0	4

SHORT LABEL	ROAD, STREET or DRIVEWAY
NC16	= NC 16
SR1800	= SR 1800 CALAB SETZER RD
EP	= E P ST

TIME PERIOD	FROM NORTH ON A = NC 16 TO W. on EP 1	S. on NC16 2	E. on SR1800 3	FROM EAST ON B = SR 1800 CALAB SETZER RD TO N. on NC16 4	W. on EP 5	S. on NC16 6	FROM SOUTH ON C = NC 16 TO E. on SR1800 7	N. on NC16 8	W. on EP 9	FROM WEST ON D = E P ST TO S. on NC16 10	E. on SR1800 11	N. on NC16 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	5	59	3	2	25	19	16	52	4	0	19	4	208	6	13	0	19
2:15P	10	65	5	0	18	19	24	53	4	2	11	2	213	7	8	0	15
2:30P	6	74	3	2	20	23	11	43	1	6	19	6	214	5	12	0	17
2:45P	3	64	10	0	24	27	13	57	4	3	15	3	223	8	6	0	14
3:00P	2	64	0	4	27	23	32	58	3	5	45	13	276	12	10	0	22
3:15P	1	65	3	0	26	22	23	49	4	4	15	11	223	5	8	0	13
3:30P	5	76	5	9	37	33	38	69	2	4	31	5	314	7	7	0	14
3:45P	4	73	9	3	16	31	16	62	3	3	33	3	256	5	6	0	11
4:00P	1	77	6	3	23	31	27	58	2	16	64	10	318	2	11	0	13
4:15P	7	71	6	4	26	40	41	55	1	8	25	7	291	2	7	0	9
4:30P	2	65	6	3	45	47	36	56	2	10	25	5	302	7	3	0	10
4:45P	6	91	6	2	22	40	30	50	7	2	14	4	274	3	2	0	5
5:00P	1	98	3	5	20	50	27	60	12	18	52	15	361	0	4	0	4
5:15P	4	84	9	7	23	45	21	60	3	3	26	2	287	3	2	0	5
5:30P	2	87	1	6	17	42	31	55	2	6	20	3	272	2	5	0	7
5:45P	0	62	4	5	14	35	24	63	3	5	18	2	235	2	3	0	5
6:00P	4	77	6	3	10	19	29	58	3	7	30	1	247	1	0	0	1
6:15P	2	40	4	5	16	28	17	46	1	2	17	1	179	2	2	0	4
6:30P																	
6:45P																	
7:00P	1	42	2	3	7	8	10	33	2	10	25	6	149	1	5	0	6
7:15P	2	31	0	2	6	15	13	29	1	3	8	0	110	0	0	0	0
7:30P	4	45	2	3	8	12	11	27	0	2	5	8	127	1	2	0	3
7:45P	2	44	1	0	7	15	10	20	0	2	7	0	108	2	1	0	3
8:00P																	
8:15P																	
8:30P																	
8:45P																	
9:00P																	
9:15P																	
9:30P																	
9:45P																	
13.00-HOUR TOTALS	192	2792	168	156	1025	1226	1220	2858	175	178	1001	196	11187	240	336	0	576
24-HOUR PROJECTION	243	3572	219	204	1324	1601	1594	3656	221	225	1293	248	14400	252	420	0	672
AM PEAK HOUR BEGINS AT 7:30A TOTALS	31	137	8	14	107	88	175	292	17	7	81	10	967	20	34	0	54
PM PEAK HOUR BEGINS AT 4:15P TOTALS	16	325	21	14	113	177	134	221	22	38	116	31	1228	12	16	0	28

SHORT LABEL	ROAD, STREET or DRIVEWAY
NC16	= NC 16
SR1800	= SR 1800 CALAB SETZER RD
EP	= E P ST

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	
	11187	967	AM:	7%
			PM:	9%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:15P	PEAK HOUR FACTORS	
	14400	1228	AM:	0.94
			PM:	0.85

TRUCKS TOTALS ON EAST APPROACH OF SR 1800 CALAB SETZER RD

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	240	336	0	576
PROJECTED	252	420	0	672
PERCENTAGE	4.0%	6.7%	0.0%	10.8%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF NC 16		B = EAST APPR. OF SR 1800 CALAB SETZER RD		C = SOUTH APPR. OF NC 16		D = WEST APPR. OF E P ST	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	3152	4034	2407	3129	4253	5471	1375	1766
EXT. VOL.	3210	4108	2389	3106	4196	5398	1392	1788
TOTAL VOL.	6362	8142	4796	6235	8449	10869	2767	3554
AM PEAK	HOUR BEGINS:	11:30A	HOUR BEGINS:	6:15A	HOUR BEGINS:	7:45A	HOUR BEGINS:	6:15A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	258	49%	264	52%	473	66%	154	41%
EXT. VOL.	273	51%	241	48%	246	34%	219	59%
TOTAL VOL.	531	---	505	---	719	---	373	---
	% 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%	0.85	8%	0.87	7%	0.96	10%	0.84
PM PEAK	HOUR BEGINS:	4:45P	HOUR BEGINS:	4:15P	HOUR BEGINS:	4:45P	HOUR BEGINS:	3:45P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	392	59%	304	53%	358	39%	209	61%
EXT. VOL.	269	41%	271	47%	566	61%	132	39%
TOTAL VOL.	661	---	575	---	924	---	341	---
	% 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	9%	0.89	9%	0.87	10%	0.73

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                    NORTH APPROACH
                                        NC16
                                       +------+
                                       | 8142 |
                                       +------+
                                    243  3572   219
                                   Right Thru  Left



                    248  Left                TOTAL ENTERING VOLUME:          Right  204
  WEST       +------+                                                                  +------+        EAST
      EP     | 3554 | 1293  Thru                  ++======++                  Thru  1324 | 6235 |SR1800
APPROACH     +------+                             ||14400 ||                            +------+      APPROACH
                    225  Right                    ++======++                  Left  1601


                                   Left  Thru  Right
                                    221  3656  1594
                                       +------+
                                       |10869 |
                                       +------+
                                        NC16
                                    SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                           7:30A

                                        NORTH APPROACH
                                            NC16
                                          +------+
                                          |  492 |
                                          +------+
                                        31   137     8
                                      Right Thru  Left

                                 10  Left                TOTAL ENTERING VOLUME:                Right   14
  WEST          +------+                                                                                +------+          EAST
      EP        |  253 |          81  Thru                    ++======++                      Thru   107 |  473 |SR1800
APPROACH        +------+                                     ||  967 ||                                +------+        APPROACH
                                  7  Right                   ++======++                      Left    88

                                                      Left  Thru  Right
                                                        17   292   175
                                                          +------+
                                                          |  716 |
                                                          +------+
                                                            NC16
                                                       SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                           4:15P

                                        NORTH APPROACH
                                            NC16
                                          +------+
                                          |  628 |
                                          +------+
                                        16   325    21
                                      Right Thru  Left

                                 31  Left                TOTAL ENTERING VOLUME:                Right   14
   WEST        +------+                                                                                +------+        EAST
       EP      |  336 |  116  Thru                          ++======++                      Thru   113 |  575 |SR1800
 APPROACH      +------+                                     || 1228 ||                                +------+      APPROACH
                                 38  Right                   ++======++                      Left   177

                                                      Left  Thru  Right
                                                        22   221   134
                                                          +------+
                                                          |  917 |
                                                          +------+
                                                            NC16
                                                       SOUTH APPROACH
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