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

NCDOT

COUNTY: CABARRUS NEAR CITY: MT PLEASANT

INTERSECTION: NC 49 & SR 2444 CRUSE RD & SR 2444 ST STEPHENS CH RD

STATION #: 08TM0254 COUNTED BY: POWELL

DATE: October 14 & 16, 2008 DAY OF WEEK: Thursday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
SR 2444 CRUSE RD
APPROACH: SOUTH

TIME PERIOD	FROM NORTH ON A = SR 2444 ST STEPHENS CH RD			FROM EAST ON B = NC 49 TO			FROM SOUTH ON C = SR 2444 CRUSE RD TO			FROM WEST ON D = NC 49 TO			TOTAL all veh's.	SPECIAL COUNTS:			
	W. on NC49 1	S. on SR2444 2	E. on NC49 3	N. on SR2444 4	W. on NC49 5	S. on SR2444 6	E. on NC49 7	N. on SR2444 8	W. on NC49 9	S. on SR2444 10	E. on NC49 11	N. on SR2444 12		DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	8	1	0	0	48	0	0	0	3	0	22	2	84	0	0	0	0
6:15A	16	0	0	0	62	0	0	0	1	0	22	1	102	0	0	0	0
6:30A	11	0	0	0	65	0	0	0	2	0	27	5	110	0	0	0	0
6:45A	4	0	0	0	64	0	0	0	4	3	17	2	94	1	0	0	1
7:00A	16	1	0	0	71	0	1	0	1	1	23	2	116	0	0	0	0
7:15A	16	0	0	0	49	0	1	1	4	0	40	6	117	1	0	0	1
7:30A	13	0	0	1	70	0	0	1	2	2	51	3	143	0	0	0	0
7:45A	9	1	0	0	55	0	0	0	3	1	35	6	110	1	0	0	1
8:00A	11	0	0	0	69	1	1	0	4	2	40	1	129	0	0	0	0
8:15A	6	0	0	0	62	0	2	0	2	3	31	2	108	0	0	0	0
8:30A	4	0	0	0	56	0	0	0	4	0	49	1	114	0	0	0	0
8:45A	4	0	0	0	47	0	0	0	1	1	38	3	94	0	0	0	0
9:00A	4	0	0	0	48	0	0	0	1	3	38	4	98	0	0	0	0
9:15A	4	0	0	1	57	0	1	0	0	1	35	2	101	0	0	0	0
9:30A	3	0	0	0	32	0	0	0	1	3	23	3	65	0	0	0	0
9:45A	2	0	0	0	34	0	0	0	0	0	32	6	74	0	0	0	0
10:00A																	
10:15A																	
10:30A	1	0	0	0	34	2	0	0	0	1	26	4	68	1	0	0	1
10:45A	2	0	0	0	31	0	1	0	1	1	30	5	71	1	0	0	1
11:00A	2	0	0	0	36	0	1	0	0	3	47	6	95	0	0	0	0
11:15A	1	0	0	0	39	0	1	1	2	0	34	4	82	0	0	0	0
11:30A	5	0	0	0	24	0	0	0	2	0	40	0	71	0	0	0	0
11:45A	3	1	0	0	36	0	0	0	1	0	32	5	78	0	0	0	0
12:00P	1	0	0	0	30	0	1	0	2	0	38	4	76	0	0	0	0
12:15P	2	0	0	0	30	0	1	0	1	2	46	9	91	0	0	0	0
12:30P	3	0	1	0	26	0	0	0	1	1	33	5	70	0	0	0	0
12:45P	3	0	0	0	36	0	1	0	1	3	52	2	98	0	0	0	0
1:00P	3	0	0	3	38	1	0	0	1	1	45	4	96	0	0	0	0
1:15P	9	0	0	0	35	0	0	0	0	3	46	3	96	0	0	0	0
1:30P	3	0	0	0	43	0	0	0	2	2	34	7	91	1	0	0	1
1:45P	4	0	0	0	36	0	0	0	0	2	39	2	83	0	0	0	0

SHORT LABEL		ROAD, STREET or DRIVEWAY
SR2444	=	SR 2444 ST STEPHENS CH RD
NC49	=	NC 49
SR2444	=	SR 2444 CRUSE RD

TIME PERIOD	FROM NORTH ON A = SR 2444 ST STEPHENS CH RD W. on NC49 1	S. on SR2444 2	E. on NC49 3	FROM EAST ON B = NC 49 TO N. on SR2444 4	W. on NC49 5	S. on SR2444 6	FROM SOUTH ON C = SR 2444 CRUSE RD TO E. on NC49 7	N. on SR2444 8	W. on NC49 9	FROM WEST ON D = NC 49 TO S. on SR2444 10	E. on NC49 11	N. on SR2444 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	6	2	0	0	48	0	0	0	4	0	33	3	96	0	0	0	0
2:15P	7	0	1	0	44	1	0	0	1	2	40	7	103	0	0	0	0
2:30P	7	0	0	0	53	1	0	1	4	3	34	10	113	0	0	0	0
2:45P	0	0	1	0	39	0	0	0	1	1	38	9	89	1	0	0	1
3:00P	3	1	0	2	48	0	0	0	2	3	42	7	108	0	0	0	0
3:15P	2	0	0	0	41	0	0	1	0	2	55	6	107	0	0	0	0
3:30P	4	0	0	0	42	0	0	0	1	5	45	11	108	0	0	0	0
3:45P	6	0	0	0	54	0	1	0	2	4	40	13	120	0	0	0	0
4:00P	9	1	0	0	39	0	0	0	2	0	54	12	117	0	0	0	0
4:15P	0	0	0	0	54	0	0	0	3	3	50	10	120	0	0	0	0
4:30P	8	1	0	0	54	0	0	0	2	1	56	8	130	2	0	0	2
4:45P	8	0	0	0	56	0	1	0	1	2	58	9	135	1	0	0	1
5:00P	5	1	0	0	52	0	0	0	9	5	71	8	151	1	0	0	1
5:15P	6	0	1	0	46	0	1	0	2	2	62	9	129	1	0	0	1
5:30P	5	0	1	1	45	0	0	1	2	10	76	16	157	0	0	0	0
5:45P	6	0	0	0	48	1	0	1	13	2	77	15	163	1	0	0	1
6:00P	4	0	0	0	57	0	1	0	0	4	62	11	139	0	0	0	0
6:15P	6	0	0	0	35	0	0	1	1	1	53	8	105	1	0	0	1
6:30P																	
6:45P																	
7:00P	1	0	0	0	39	0	0	1	1	1	36	4	83	0	0	0	0
7:15P	2	1	0	0	23	1	0	0	3	3	45	10	88	0	0	0	0
7:30P	0	1	0	0	30	0	0	0	1	1	24	1	58	0	0	0	0
7:45P	3	0	0	0	21	0	1	0	1	2	27	5	60	0	0	0	0
8:00P																	
8:15P																	
8:30P																	
8:45P																	
9:00P																	
9:15P																	
9:30P																	
9:45P																	
13.00-HOUR TOTALS	271	12	5	8	2331	8	17	9	103	96	2143	301	5304	14	0	0	14
24-HOUR PROJECTION	354	16	7	10	2982	10	22	12	135	125	2741	393	6808	15	0	0	15
AM PEAK HOUR BEGINS AT 7:15A TOTALS	49	1	0	1	243	1	2	2	13	5	166	16	499	2	0	0	2
PM PEAK HOUR BEGINS AT 5:00P TOTALS	22	1	2	1	191	1	1	2	26	19	286	48	600	3	0	0	3

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR2444	= SR 2444 ST STEPHENS CH RD
NC49	= NC 49
SR2444	= SR 2444 CRUSE RD

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	
	5304	499	AM:	7%
			PM:	9%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 5:00P	PEAK HOUR FACTORS	
	6808	600	AM:	0.87
			PM:	0.92

TRUCKS TOTALS ON SOUTH APPROACH OF SR 2444 CRUSE RD

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	14	0	0	14
PROJECTED	15	0	0	15
PERCENTAGE	4.6%	0.0%	0.0%	4.6%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF SR 2444 ST STEPHENS CH		B = EAST APPR. OF NC 49		C = SOUTH APPR. OF SR 2444 CRUSE RD		D = WEST APPR. OF NC 49	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	288	377	2347	3003	129	169	2540	3260
EXT. VOL.	318	416	2165	2770	116	152	2705	3470
TOTAL VOL.	606	792	4512	5773	245	321	5245	6730
AM PEAK	HOUR BEGINS:	7:00A	HOUR BEGINS:	7:30A	HOUR BEGINS:	7:30A	HOUR BEGINS:	7:15A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	56	74%	258	62%	15	60%	187	38%
EXT. VOL.	20	26%	160	38%	10	40%	305	62%
TOTAL VOL.	76	---	418	---	25	---	492	---
	% 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	10%	0.83	7%	0.86	8%	0.78	7%	0.87
PM PEAK	HOUR BEGINS:	5:15P	HOUR BEGINS:	5:00P	HOUR BEGINS:	5:00P	HOUR BEGINS:	5:00P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	23	30%	193	40%	29	58%	353	60%
EXT. VOL.	54	70%	289	60%	21	42%	239	40%
TOTAL VOL.	77	---	482	---	50	---	592	---
	% 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	10%	0.80	8%	0.96	16%	0.74	9%	0.92

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                  NORTH APPROACH
                                      SR2444
                                     +-------+
                                     |  792  |
                                     +-------+
                                   354    16     7
                                  Right Thru  Left


                     393  Left                TOTAL ENTERING VOLUME:                Right   10
  WEST       +-------+                                                                          +-------+        EAST
      NC49   | 6730 | 2741  Thru                  ++=======++                       Thru  2982 | 5773 |NC49
APPROACH     +-------+                             || 6808 ||                                  +-------+      APPROACH
                     125  Right                    ++=======++                       Left    10


                                  Left  Thru  Right
                                   135    12    22
                                     +-------+
                                     |  321  |
                                     +-------+
                                      SR2444
                                  SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                           7:15A

                                      NORTH APPROACH
                                         SR2444
                                        +-------+
                                        |   69 |
                                        +-------+
                                      49     1     0
                                    Right Thru  Left


                        16  Left                TOTAL ENTERING VOLUME:                Right    1
  WEST        +-------+                                                                          +-------+        EAST
      NC49    |  492 |  166  Thru                  ++=======++                       Thru   243 |  413 |NC49
APPROACH      +-------+                            ||  499 ||                                  +-------+      APPROACH
                         5  Right                  ++=======++                       Left     1


                                    Left  Thru  Right
                                      13     2     2
                                        +-------+
                                        |   24 |
                                        +-------+
                                         SR2444
                                     SOUTH APPROACH
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                                TURNING MOVEMENT SUMMARY
                                Section 5:  PM Peak Hour Diagram
                                      5:00P

                                  NORTH APPROACH
                                     SR2444
                                    +------+
                                    |   76 |
                                    +------+
                                  22     1     2
                                Right Thru  Left

                                48  Left                TOTAL ENTERING VOLUME:                Right    1
  WEST          +------+                                                                                +------+          EAST
      NC49      |  592 |   286  Thru                       ++======++                      Thru   191 |  482 |NC49
APPROACH        +------+                                   ||  600 ||                                  +------+        APPROACH
                                19  Right                  ++======++                      Left     1

                                                  Left  Thru  Right
                                                    26     2     1
                                                     +------+
                                                     |   50 |
                                                     +------+
                                                      SR2444
                                                  SOUTH APPROACH
```