KLT

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

COUNTY: CABARRUS NEAR CITY: MT PLEASANT

INTERSECTION: NC 49 NB RAMPS & NC 73

STATION #: 08TM0054 COUNTED BY: Hester

DATE: April 8 & 11, 2008 DAY OF WEEK: Friday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
NC 73
APPROACH: NORTHWEST

****

TIME PERIOD	FROM NORTHEAST ON A = NC 49 NB RAMPS TO NW. on NC73 1	SE. on NC73 2	FROM SOUTHEAST ON B = NC 73 TO NE. on NBRAMPS 3	NW. on NC73 4	FROM NORTHWEST ON C = NC 73 TO SE. on NC73 5	NE. on NBRAMPS 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	15	0	48	37	18	0	118	4	0	0	4
6:15A	19	0	44	53	29	1	146	7	0	0	7
6:30A	25	2	47	40	36	0	150	7	1	0	8
6:45A	29	0	47	72	45	0	193	3	0	0	3
7:00A	49	2	42	97	50	0	240	9	3	0	12
7:15A	54	1	66	91	38	0	250	4	0	0	4
7:30A	32	1	54	69	66	0	222	10	1	0	11
7:45A	27	0	46	67	60	0	200	7	0	0	7
8:00A	50	1	32	67	65	0	215	7	1	0	8
8:15A	76	1	41	70	50	0	238	9	0	0	9
8:30A	55	1	24	59	66	0	205	6	1	0	7
8:45A	41	0	26	54	59	0	180	6	0	0	6
9:00A	24	1	23	51	55	0	154	4	1	0	5
9:15A	20	0	27	63	53	0	163	4	1	0	5
9:30A	33	1	20	59	63	0	176	14	2	0	16
9:45A	23	0	11	34	36	0	104	3	0	0	3
10:00A											
10:15A											
10:30A	30	3	25	50	54	0	162	2	0	0	2
10:45A	17	4	24	62	79	0	186	6	0	0	6
11:00A	23	0	25	54	65	0	167	4	0	0	4
11:15A	19	0	25	42	57	0	143	3	0	0	3
11:30A	18	1	27	40	64	0	150	4	0	0	4
11:45A	11	0	22	36	68	0	137	7	0	0	7
12:00P	24	3	23	58	59	0	167	4	1	0	5
12:15P	15	0	16	44	80	1	156	5	1	0	6
12:30P	17	1	31	41	70	0	160	4	0	0	4
12:45P	23	1	21	38	57	0	140	4	1	0	5
1:00P	14	1	21	66	79	0	181	5	1	0	6
1:15P	24	1	27	60	61	1	174	13	0	0	13
1:30P	17	1	20	50	65	2	155	9	1	0	10
1:45P	23	3	28	37	56	0	147	7	0	0	7

SHORT LABEL	ROAD, STREET or DRIVEWAY
NBRAMPS	= NC 49 NB RAMPS
NC73	= NC 73

TIME PERIOD	FROM NORTHEAST ON A = NC 49 NB RAMPS TO NW. on NC73 1	SE. on NC73 2	FROM SOUTHEAST ON B = NC 73 TO NE. on NBRAMPS 3	NW. on NC73 4	FROM NORTHWEST ON C = NC 73 TO SE. on NC73 5	NE. on NBRAMPS 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	28	0	14	50	65	0	157	7	0	0	7
2:15P	23	0	23	30	83	1	160	12	0	0	12
2:30P	15	0	27	54	110	1	207	7	0	0	7
2:45P	23	1	13	47	103	0	187	9	2	0	11
3:00P	30	1	25	42	77	0	175	0	0	0	0
3:15P	23	0	20	43	88	0	174	7	1	0	8
3:30P	40	2	22	30	87	0	181	6	0	0	6
3:45P	33	0	22	50	93	0	198	6	1	0	7
4:00P	23	2	16	39	95	0	175	2	1	0	3
4:15P	19	2	16	38	129	0	204	8	0	0	8
4:30P	30	2	27	66	86	1	212	3	2	0	5
4:45P	24	2	32	42	110	0	210	3	0	0	3
5:00P	37	0	25	59	114	0	235	6	1	0	7
5:15P	24	0	21	59	127	0	231	2	0	0	2
5:30P	27	0	34	71	122	1	255	5	1	0	6
5:45P	30	3	24	62	114	0	233	4	0	0	4
6:00P	34	1	31	53	79	0	198	1	0	0	1
6:15P	15	0	16	49	61	0	141	4	1	0	5
6:30P											
6:45P	0	0	0	2	1	0	3	0	0	0	0
7:00P	13	0	20	42	59	0	134	5	0	0	5
7:15P	8	1	19	31	73	0	132	0	0	0	0
7:30P	14	0	17	22	56	0	109	2	0	0	2
7:45P	11	2	21	25	68	0	127	2	1	0	3
8:00P											
8:15P											
8:30P											
8:45P											
9:00P											
9:15P											
9:30P											
9:45P											
13.25-HOUR TOTALS	1371	49	1418	2667	3703	9	9217	282	27	0	309
24-HOUR PROJECTION	1721	62	1780	3349	4649	11	11573	296	34	0	330
AM PEAK HOUR BEGINS AT 7:00A TOTALS	162	4	208	324	214	0	912	30	4	0	34
PM PEAK HOUR BEGINS AT 5:00P TOTALS	118	3	104	251	477	1	954	17	2	0	19

SHORT LABEL	ROAD, STREET or DRIVEWAY
NBRAMPS	= NC 49 NB RAMPS
NC73	= NC 73

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

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 7:00A	PEAK HOUR PERCENTAGES	
	9217	912	AM:	8%
			PM:	8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 5:00P	PEAK HOUR FACTORS	
	11573	954	AM:	0.91
			PM:	0.94

TRUCKS TOTALS ON NORTHWEST APPROACH OF NC 73

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	282	27	0	309
PROJECTED	296	34	0	330
PERCENTAGE	3.0%	0.3%	0.0%	3.4%

TOTALS AND FACTORS BY APPROACH:	A = NORTHEAST APPR. OF NC 49 NB RAMPS		B = SOUTHEAST APPR. OF NC 73		C = NORTHWEST APPR. OF NC 73	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	1420	1783	4085	5129	3712	4661
EXT. VOL.	1427	1792	3752	4711	4038	5070
TOTAL VOL.	2847	3575	7837	9840	7750	9731

AM PEAK	HOUR BEGINS: 6:45A		HOUR BEGINS: 7:00A		HOUR BEGINS: 7:45A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	168	45%	532	71%	241	34%
EXT. VOL.	209	55%	218	29%	471	66%
TOTAL VOL.	377	---	750	---	712	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	11%	0.78	8%	0.96	7%	0.91

PM PEAK	HOUR BEGINS: 5:15P		HOUR BEGINS: 5:00P		HOUR BEGINS: 5:00P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	119	52%	355	43%	478	56%
EXT. VOL.	111	48%	480	57%	369	44%
TOTAL VOL.	230	---	835	---	847	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	6%	0.87	8%	0.92	9%	0.96

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
NORTHWEST APPROACH                                          NORTHEAST APPROACH
     NC73                                                        NBRAMPS
     +------+                                                  +------+
     | 9731 |                                                  | 3575 |
     +------+                                                  +------+
              11                                            1721
       4649        Left                                Right        62
            Thru                                            Left

                          TOTAL ENTERING VOLUME:

                            ++======++
                            ||11573 ||
                            ++======++

                                                            Right
                                                      Thru        1780
                                                            3349
                                                                +------+
                                                                | 9840 |
                                                                +------+
                                                                     NC73
                                                                SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:00A

```
NORTHWEST APPROACH                                                  NORTHEAST APPROACH
     NC73                                                                NBRAMPS
     +------+                                                       +------+
     |  700 |                                                       |  374 |
     +------+                                                       +------+
              0                                                   162
        214        Left                                  Right          4
            Thru                                                Left

                                TOTAL ENTERING VOLUME:

                                  ++======++
                                  ||  912 ||
                                  ++======++

                                                                Right
                                                          Thru          208
                                                                324
                                                                   +------+
                                                                   |  750 |
                                                                   +------+
                                                                         NC73
                                                                   SOUTHEAST APPROACH
```

TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
5:00P

```
NORTHWEST APPROACH                                                  NORTHEAST APPROACH
     NC73                                                                NBRAMPS
     +------+                                                        +------+
     |  847 |                                                        |  226 |
     +------+                                                        +------+
              1                                                   118
        477        Left                                   Right          3
            Thru                                                Left

                                TOTAL ENTERING VOLUME:

                                  ++======++
                                  ||  954 ||
                                  ++======++

                                                                Right
                                                          Thru          104
                                                                251
                                                                   +------+
                                                                   |  835 |
                                                                   +------+
                                                                        NC73
                                                                   SOUTHEAST APPROACH
```