DP
KT

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

COUNTY: MONTGOMERY NEAR CITY: BISCOE

INTERSECTION: I-73/74 NB RAMPS & NC 24-27

STATION #: 07TM0319 COUNTED BY: SENTERS

DATE: March 18 & 20, 2008 DAY OF WEEK: Thursday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
NC 24-27
APPROACH: EAST

TIME PERIOD	FROM NORTH ON A = I-73/74 NB RAMPS TO W. on NC24-27 1	S. on NBRAMPS 2	E. on NC24-27 3	FROM EAST ON B = NC 24-27 TO N. on NBRAMPS 4	W. on NC24-27 5	S. on NBRAMPS 6	FROM SOUTH ON C = I-73/74 NB RAMPS TO E. on NC24-27 7	N. on NBRAMPS 8	W. on NC24-27 9	FROM WEST ON D = NC 24-27 TO S. on NBRAMPS 10	E. on NC24-27 11	N. on NBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	0	0	0	5	22	0	1	0	8	0	20	11	67	1	8	0	9
6:15A	0	0	0	4	22	0	0	1	13	0	23	20	83	4	6	0	10
6:30A	0	0	0	7	26	0	1	1	12	0	13	17	77	2	5	0	7
6:45A	0	0	0	3	39	0	0	0	32	0	11	19	104	2	2	0	4
7:00A	0	0	0	4	28	0	0	0	14	0	25	13	84	4	7	0	11
7:15A	0	0	0	6	25	0	0	0	35	0	12	12	90	1	2	0	3
7:30A	0	0	0	4	44	0	2	0	29	0	19	16	114	4	5	0	9
7:45A	0	0	0	1	36	0	2	0	34	0	26	18	117	4	10	0	14
8:00A	0	0	0	4	30	0	2	0	39	0	16	18	109	1	9	0	10
8:15A	0	0	0	4	37	0	1	0	38	0	32	16	128	7	6	0	13
8:30A	0	0	0	4	39	0	1	2	26	0	17	17	106	2	8	0	10
8:45A	0	0	0	3	24	0	2	0	13	0	11	4	57	5	6	0	11
9:00A	0	0	0	2	30	0	2	1	20	0	29	12	96	1	10	0	11
9:15A	0	0	0	3	32	0	0	0	31	0	24	13	103	5	12	0	17
9:30A	0	0	0	4	30	0	1	0	30	0	26	19	110	4	7	0	11
9:45A	0	0	0	3	30	0	3	1	27	0	24	15	103	4	13	0	17
10:00A																	
10:15A																	
10:30A	0	0	0	2	26	0	0	0	27	0	31	20	106	2	9	0	11
10:45A	0	0	0	5	36	0	0	0	32	0	28	20	121	3	8	0	11
11:00A	0	0	0	3	33	0	0	0	34	0	29	20	119	2	9	0	11
11:15A	0	0	0	0	29	0	2	0	20	0	25	14	90	7	8	0	15
11:30A	0	0	0	2	29	0	1	0	26	0	29	9	96	5	10	0	15
11:45A	0	0	0	1	24	0	1	0	29	0	29	18	102	5	7	0	12
12:00P	0	0	0	1	38	0	4	1	31	0	31	28	134	4	9	0	13
12:15P	0	0	0	3	33	0	1	0	35	0	27	15	114	8	6	0	14
12:30P	0	0	0	2	36	0	1	0	27	0	32	26	124	5	9	0	14
12:45P	0	0	0	0	31	0	2	0	33	0	36	22	124	3	7	0	10
1:00P	0	0	0	1	31	0	0	0	29	0	34	16	111	3	3	0	6
1:15P	0	0	0	7	37	0	4	0	34	0	35	32	149	3	9	0	12
1:30P	0	0	0	1	25	0	0	0	32	0	33	19	110	7	6	0	13
1:45P	0	0	0	1	38	0	2	0	42	0	36	23	142	7	5	0	12

SHORT LABEL	ROAD, STREET or DRIVEWAY
NBRAMPS	= I-73/74 NB RAMPS
NC24-27	= NC 24-27

TIME PERIOD	FROM NORTH ON A = I-73/74 NB RAMPS TO W. on NC24-27 1	S. on NBRAMPS 2	E. on NC24-27 3	FROM EAST ON B = NC 24-27 TO N. on NBRAMPS 4	W. on NC24-27 5	S. on NBRAMPS 6	FROM SOUTH ON C = I-73/74 NB RAMPS TO E. on NC24-27 7	N. on NBRAMPS 8	W. on NC24-27 9	FROM WEST ON D = NC 24-27 TO S. on NBRAMPS 10	E. on NC24-27 11	N. on NBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	0	0	0	4	28	0	2	0	21	0	41	23	119	2	9	0	11
2:15P	0	0	0	2	22	0	3	1	26	0	32	30	116	6	7	0	13
2:30P	0	0	0	1	38	0	2	0	27	0	30	19	117	5	8	0	13
2:45P	0	0	0	5	25	0	0	0	22	0	27	19	98	1	10	0	11
3:00P	0	0	0	6	39	0	2	0	23	0	30	20	120	5	9	1	15
3:15P	0	0	0	2	38	0	2	0	30	0	51	22	145	5	9	0	14
3:30P	0	0	0	2	35	0	3	0	27	0	45	19	131	2	13	0	15
3:45P	0	0	0	2	30	0	1	1	30	0	34	21	119	4	5	0	9
4:00P	0	0	0	3	35	0	1	0	48	0	52	39	178	7	5	0	12
4:15P	0	0	0	4	35	0	3	0	34	0	42	30	148	5	0	0	5
4:30P	0	0	0	2	47	0	3	0	34	0	65	27	178	3	6	0	9
4:45P	0	0	0	1	27	0	2	0	22	0	29	22	103	2	5	0	7
5:00P	0	0	0	1	29	0	2	0	24	0	49	30	135	2	0	0	2
5:15P	0	0	0	2	44	0	6	0	23	0	57	25	157	4	6	0	10
5:30P	0	0	0	6	36	0	5	0	35	0	35	35	152	4	3	0	7
5:45P	0	0	0	1	18	0	0	0	32	0	41	30	122	3	1	0	4
6:00P	0	0	0	5	27	0	5	1	26	0	41	21	126	3	0	0	3
6:15P	0	0	0	6	22	0	3	0	22	0	38	16	107	0	3	0	3
6:30P																	
6:45P																	
7:00P	0	0	0	3	22	0	0	0	18	0	25	17	85	0	1	0	1
7:15P	0	0	0	1	15	0	1	0	13	0	18	16	64	0	0	0	0
7:30P	0	0	0	1	16	0	1	0	21	0	23	9	71	1	0	0	1
7:45P	0	0	0	2	13	0	4	0	10	0	20	16	65	1	4	0	5
8:00P																	
8:15P																	
8:30P																	
8:45P																	
9:00P																	
9:15P																	
9:30P																	
9:45P																	
13.00-HOUR TOTALS	0	0	0	152	1581	0	87	10	1400	0	1588	1028	5846	180	325	1	506
24-HOUR PROJECTION	0	0	0	198	2022	0	113	13	1821	0	2031	1337	7535	189	406	1	597
AM PEAK HOUR BEGINS AT 7:30A TOTALS	0	0	0	13	147	0	7	0	140	0	93	68	468	16	30	0	46
PM PEAK HOUR BEGINS AT 3:45P TOTALS	0	0	0	11	147	0	8	1	146	0	193	117	623	19	16	0	35

SHORT LABEL	ROAD, STREET or DRIVEWAY
NBRAMPS	= I-73/74 NB RAMPS
NC24-27	= NC 24-27

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
5846	468	AM: 6%
		PM: 8%
PROJECTED 24-HOUR TOTAL	**PM PEAK VOLUME AT 3:45P**	**PEAK HOUR FACTORS**
7535	623	AM: 0.91
		PM: 0.88

TRUCKS TOTALS ON EAST APPROACH OF NC 24-27

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	180	325	1	506
PROJECTED	189	406	1	597
PERCENTAGE	4.3%	9.3%	0.0%	13.7

TOTALS AND FACTORS BY APPROACH:

ALL HOURS IN SURVEY	A = NORTH APPR. OF I-73/74 NB RAMPS		B = EAST APPR. OF NC 24-27		C = SOUTH APPR. OF I-73/74 NB RAMPS		D = WEST APPR. OF NC 24-27	
	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	0	0	1733	2220	1497	1947	2616	3368
EXT. VOL.	1190	1548	1675	2145	0	0	2981	3843
TOTAL VOL.	1190	1548	3408	4365	1497	1947	5597	7211

AM PEAK	HOUR BEGINS: 6:15A		HOUR BEGINS: 7:30A		HOUR BEGINS: 7:30A		HOUR BEGINS: 7:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	0%	160	62%	147	100%	161	36%
EXT. VOL.	89	100%	100	38%	0	0%	287	64%
TOTAL VOL.	89	---	260	---	147	---	448	---
	% 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	6%	0.89	6%	0.88	8%	0.90	6%	0.91

PM PEAK	HOUR BEGINS: 5:00P		HOUR BEGINS: 4:30P		HOUR BEGINS: 3:45P		HOUR BEGINS: 3:45P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	0%	153	42%	155	100%	310	51%
EXT. VOL.	130	100%	213	58%	0	0%	293	49%
TOTAL VOL.	130	---	366	---	155	---	603	---
	% 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%	0.79	8%	0.78	8%	0.79	8%	0.87

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                          NORTH APPROACH
                                             NBRAMPS
                                            +------+
                                            | 1548 |
                                            +------+
                                           0     0     0
                                         Right Thru  Left


                        1337  Left                TOTAL ENTERING VOLUME:                Right  198
  WEST        +------+                                                                          +------+        EAST
      NC24-2| 7211 | 2031  Thru                     ++======++                       Thru  2022 | 4365 |NC24-27
APPROACH      +------+                                || 7535 ||                                +------+      APPROACH
                           0  Right                   ++======++                       Left     0


                                          Left  Thru  Right
                                          1821    13   113
                                            +------+
                                            | 1947 |
                                            +------+
                                             NBRAMPS
                                          SOUTH APPROACH
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                                   TURNING MOVEMENT SUMMARY
                                   Section 4:  AM Peak Hour Diagram
                                          7:30A

                                      NORTH APPROACH
                                         NBRAMPS
                                        +------+
                                        |  81  |
                                        +------+
                                       0     0     0
                                     Right Thru  Left

                                 68  Left                TOTAL ENTERING VOLUME:                Right   13
  WEST        +------+                                                                                +------+          EAST
      NC24-2|  448  |             93  Thru                  ++======++                      Thru   147 |  260  |NC24-27
APPROACH      +------+                                      ||  468  ||                                +------+        APPROACH
                                  0  Right                  ++======++                      Left     0

                                                                Left  Thru  Right
                                                                 140     0     7
                                                                   +------+
                                                                   |  147  |
                                                                   +------+
                                                                     NBRAMPS
                                                                 SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                           3:45P

                                       NORTH APPROACH
                                          NBRAMPS
                                         +-------+
                                         |  129  |
                                         +-------+
                                        0     0     0
                                      Right Thru  Left

                                 117  Left                TOTAL ENTERING VOLUME:                Right   11
  WEST          +-------+                                                                                +-------+          EAST
      NC24-2|  603  |  193  Thru                          ++=======++                          Thru   147 |  359  |NC24-27
APPROACH        +-------+                                 ||  623  ||                                   +-------+        APPROACH
                                   0  Right                ++=======++                          Left     0

                                       Left  Thru  Right
                                        146     1     8
                                         +-------+
                                         |  155  |
                                         +-------+
                                          NBRAMPS
                                       SOUTH APPROACH
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