MH

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

NCDOT

COUNTY: ROBESON IN CITY: LUMBERTON

INTERSECTION: I-95 NB RAMPS & I-95/US 301 NB RAMPS & US 301 & SR 1997 FAYETTEVILLE RD

STATION #: 08TM0162 COUNTED BY: SENTERS

DATE: July 29 & 31, 2008 DAY OF WEEK: Thursday, Tuesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
SR 1997 FAYETTEVILLE RD
APPROACH: EAST

TIME PERIOD	FROM NORTH ON A = I-95 NB RAMPS TO W. on US301 1	S. on NBRAMPS 2	E. on SR1997 3	FROM EAST ON B = SR 1997 FAYETTEVILLE RD TO N. on NBRAMPS 4	W. on US301 5	S. on NBRAMPS 6	FROM SOUTH ON C = I-95/US 301 NB RAMPS TO E. on SR1997 7	N. on NBRAMPS 8	W. on US301 9	FROM WEST ON D = US 301 TO S. on NBRAMPS 10	E. on SR1997 11	N. on NBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	0	0	0	23	32	0	19	0	4	0	30	1	109	7	3	0	10
6:15A	0	0	0	20	31	0	20	1	4	0	49	0	125	3	1	0	4
6:30A	0	0	0	29	46	0	30	0	10	0	37	1	153	1	2	1	4
6:45A	0	0	0	18	55	0	42	0	13	0	59	1	188	4	5	0	9
7:00A	0	0	0	24	58	0	27	0	14	0	70	1	194	9	5	0	14
7:15A	0	0	0	35	78	0	37	0	11	0	84	3	248	12	4	0	16
7:30A	0	0	0	44	97	0	50	0	16	0	139	1	347	3	6	0	9
7:45A	0	0	0	36	122	0	59	0	29	0	179	5	430	13	2	0	15
8:00A	0	0	0	33	124	0	47	1	19	0	128	3	355	11	5	0	16
8:15A	0	0	0	32	121	0	50	0	15	0	105	3	326	9	5	0	14
8:30A	0	0	0	20	81	0	46	0	22	0	113	0	282	7	3	0	10
8:45A	0	0	0	25	86	0	42	1	6	0	124	3	287	9	4	0	13
9:00A	0	0	0	44	91	0	45	0	12	0	111	3	306	10	2	0	12
9:15A	0	0	0	37	101	0	45	0	12	0	116	4	315	14	4	0	18
9:30A	0	0	0	36	99	0	46	1	16	0	97	3	298	7	8	0	15
9:45A	0	0	0	25	103	0	49	0	12	0	100	2	291	7	2	0	9
10:00A																	
10:15A																	
10:30A	0	0	0	31	120	0	41	0	14	0	124	5	335	13	4	0	17
10:45A	0	0	0	37	133	0	47	0	18	0	132	5	372	6	7	0	13
11:00A	0	0	0	25	95	0	54	0	16	0	119	5	314	8	6	0	14
11:15A	0	0	0	19	110	0	30	0	10	0	113	0	282	8	6	0	14
11:30A	0	0	0	40	135	0	60	0	16	0	127	3	381	10	7	0	17
11:45A	0	0	0	44	158	0	52	0	14	0	150	2	420	12	9	0	21
12:00P	0	0	0	43	157	0	69	0	20	0	148	3	440	9	3	0	12
12:15P	0	0	0	40	148	0	74	0	19	0	147	0	428	9	4	0	13
12:30P	0	0	0	39	170	0	71	0	17	0	144	6	447	2	11	0	13
12:45P	0	0	0	29	160	0	63	0	12	0	169	4	437	11	7	0	18
1:00P	0	0	0	50	158	0	57	2	18	0	155	7	447	3	3	0	6
1:15P	0	0	0	43	148	0	51	0	22	0	144	2	410	5	6	0	11
1:30P	0	0	0	43	183	0	59	0	20	0	163	3	471	13	5	0	18
1:45P	0	0	0	47	188	0	64	0	23	0	178	1	501	6	5	0	11

SHORT LABEL	ROAD, STREET or DRIVEWAY
NBRAMPS	I-95 NB RAMPS
SR1997	SR 1997 FAYETTEVILLE RD
NBRAMPS	I-95/US 301 NB RAMPS
US301	US 301

TIME PERIOD	FROM NORTH ON A = I-95 NB RAMPS TO W. on US301 1	S. on NBRAMPS 2	E. on SR1997 3	FROM EAST ON B = SR 1997 FAYETTEVILLE RD TO N. on NBRAMPS 4	W. on US301 5	S. on NBRAMPS 6	FROM SOUTH ON C = I-95/US 301 NB RAMPS TO E. on SR1997 7	N. on NBRAMPS 8	W. on US301 9	FROM WEST ON D = US 301 TO S. on NBRAMPS 10	E. on SR1997 11	N. on NBRAMPS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	0	0	0	36	170	0	41	0	17	0	133	5	402	8	5	0	13
2:15P	0	0	0	32	154	0	51	0	14	0	137	5	393	13	4	0	17
2:30P	0	0	0	32	144	0	55	0	17	0	134	9	391	12	7	0	19
2:45P	0	0	0	26	131	0	46	0	13	0	114	4	334	8	6	0	14
3:00P	0	0	0	25	116	0	38	0	23	0	105	0	307	7	2	0	9
3:15P	0	0	0	44	150	0	45	0	18	0	145	2	404	11	8	0	19
3:30P	0	0	0	42	167	0	64	0	18	0	129	0	420	12	4	0	16
3:45P	0	0	0	39	145	0	61	0	25	0	132	2	404	8	3	0	11
4:00P	0	0	0	60	154	0	48	0	24	0	137	1	424	8	6	0	14
4:15P	0	0	0	49	142	0	61	0	22	0	114	5	393	6	6	0	12
4:30P	0	0	0	46	149	0	53	0	18	0	136	7	409	6	0	0	6
4:45P	0	0	0	40	154	0	57	0	19	0	142	1	413	4	1	0	5
5:00P	0	0	0	78	216	0	69	0	20	0	155	3	541	9	8	0	17
5:15P	0	0	0	72	189	0	79	1	28	0	137	4	510	11	4	0	15
5:30P	0	0	0	52	155	0	70	0	27	0	168	6	478	2	3	0	5
5:45P	0	0	0	49	145	0	63	0	12	0	163	7	439	8	6	0	14
6:00P	0	0	0	47	142	0	72	0	22	0	133	5	421	4	2	0	6
6:15P	0	0	0	46	128	0	74	0	17	0	122	4	391	3	5	0	8
6:30P																	
6:45P																	
7:00P	0	0	0	27	88	0	39	1	6	0	101	1	263	1	5	0	6
7:15P	0	0	0	29	113	0	32	1	7	0	92	2	276	2	1	0	3
7:30P	0	0	0	19	112	0	37	0	14	0	88	1	271	4	3	0	7
7:45P	0	0	0	21	109	0	28	1	3	0	109	1	272	2	3	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	1922	6561	0	2629	10	838	0	6380	155	18495	390	236	1	627
24-HOUR PROJECTION	0	0	0	2552	8573	0	3491	13	1090	0	8336	202	24257	410	295	1	706
AM PEAK HOUR BEGINS AT 11:30A TOTALS	0	0	0	167	598	0	255	0	69	0	572	8	1669	40	23	0	63
PM PEAK HOUR BEGINS AT 5:00P TOTALS	0	0	0	251	705	0	281	1	87	0	623	20	1968	30	21	0	51

SHORT LABEL	ROAD, STREET or DRIVEWAY
NBRAMPS =	I-95 NB RAMPS
SR1997 =	SR 1997 FAYETTEVILLE RD
NBRAMPS =	I-95/US 301 NB RAMPS

SHORT LABEL	ROAD, STREET or DRIVEWAY
US301 =	US 301

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
	18495	1669	AM: 7% PM: 8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 5:00P	PEAK HOUR FACTORS
	24257	1968	AM: 0.95 PM: 0.91

TRUCKS TOTALS ON EAST APPROACH OF SR 1997 FAYETTEVILLE RD

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	390	236	1	627
PROJECTED	410	295	1	706
PERCENTAGE	1.8%	1.3%	0.0%	3.1%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF I-95 NB RAMPS		B = EAST APPR. OF SR 1997 FAYETTEVILLE RD		C = SOUTH APPR. OF I-95/US 301 NB RAMPS		D = WEST APPR. OF US 301	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	0	0	8483	11125	3477	4594	6535	8538
EXT. VOL.	2087	2767	9009	11827	0	0	7399	9663
TOTAL VOL.	2087	2767	17492	22952	3477	4594	13934	18201
AM PEAK	HOUR BEGINS:	11:30A	HOUR BEGINS:	11:30A	HOUR BEGINS:	11:30A	HOUR BEGINS:	11:30A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	0%	765	48%	324	100%	580	47%
EXT. VOL.	175	100%	827	52%	0	0%	667	53%
TOTAL VOL.	175	---	1592	---	324	---	1247	---
	% 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%	0.95	7%	0.95	7%	0.87	7%	0.95
PM PEAK	HOUR BEGINS:	5:00P	HOUR BEGINS:	5:00P	HOUR BEGINS:	5:15P	HOUR BEGINS:	5:00P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	0	0%	956	51%	374	100%	643	45%
EXT. VOL.	272	100%	904	49%	0	0%	792	55%
TOTAL VOL.	272	---	1860	---	374	---	1435	---
	% 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%	0.84	8%	0.90	8%	0.87	8%	0.91

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                                  NORTH APPROACH
                                                      NBRAMPS
                                                     +------+
                                                     | 2767 |
                                                     +------+
                                                    0     0     0
                                                 Right Thru  Left

                                  202  Left                TOTAL ENTERING VOLUME:                Right 2552
  WEST        +------+                                                                                  +------+        EAST
      US301  |18201 | 8336  Thru                          ++======++                          Thru  8573 |22952 |SR1997
APPROACH      +------+                                     ||24257 ||                                   +------+      APPROACH
                                    0  Right                ++======++                          Left     0

                                                  Left  Thru  Right
                                                  1090    13  3491
                                                     +------+
                                                     | 4594 |
                                                     +------+
                                                      NBRAMPS
                                                  SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                          11:30A

                                       NORTH APPROACH
                                          NBRAMPS
                                         +-------+
                                         |  175  |
                                         +-------+
                                        0     0     0
                                      Right Thru  Left



                        8  Left                TOTAL ENTERING VOLUME:                Right  167
  WEST        +-------+                                                                      +-------+        EAST
      US301   | 1247 |  572  Thru                  ++=======++                      Thru   598 | 1592 |SR1997
APPROACH      +-------+                            || 1669 ||                                +-------+      APPROACH
                        0  Right                  ++=======++                      Left     0



                                      Left  Thru  Right
                                        69     0   255
                                         +-------+
                                         |  324  |
                                         +-------+
                                          NBRAMPS
                                       SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                          5:00P

                                       NORTH APPROACH
                                          NBRAMPS
                                         +-------+
                                         |  272 |
                                         +-------+
                                        0     0     0
                                      Right Thru  Left



                        20  Left                TOTAL ENTERING VOLUME:                Right  251
  WEST        +-------+                                                                          +-------+        EAST
      US301 | 1435 |  623  Thru                    ++======++                        Thru   705 | 1860 |SR1997
APPROACH      +-------+                             || 1968 ||                                  +-------+      APPROACH
                         0  Right                   ++======++                        Left     0


                                      Left  Thru  Right
                                        87     1   281
                                         +-------+
                                         |  369 |
                                         +-------+
                                          NBRAMPS
                                      SOUTH APPROACH
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