KLT

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

NCDOT

COUNTY: PERSON IN CITY: ROXBORO

INTERSECTION: US 158-501/NC 57 & US 158 & US 501/NC 57 & GARRETT ST

STATION #: 08TM0031 COUNTED BY: DOYLE & NELSON

DATE: Feb. 27 & Mar. 5, 2008 DAY OF WEEK: Wednesday, Wednesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 501/NC 57
APPROACH: SOUTH

TIME PERIOD	FROM NORTH ON A = US 158-501/NC 57 TO W. on GARRETT 1	S. on US501 2	E. on US158 3	FROM EAST ON B = US 158 TO N. on US158 4	W. on GARRETT 5	S. on US501 6	FROM SOUTH ON C = US 501/NC 57 TO E. on US158 7	N. on US158 8	W. on GARRETT 9	FROM WEST ON D = GARRETT ST TO S. on US501 10	E. on US158 11	N. on US158 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	1	125	16	20	0	2	0	43	0	1	0	1	209	3	1	0	4
6:15A	0	168	27	24	0	2	1	53	0	1	0	0	276	6	10	0	16
6:30A	1	172	28	37	0	3	1	85	1	1	0	0	329	10	7	0	17
6:45A	1	158	43	36	0	0	0	80	0	2	0	0	320	5	8	0	13
7:00A	0	216	19	38	0	1	2	110	0	1	0	1	388	8	8	0	16
7:15A	1	237	30	52	0	2	3	136	1	0	6	0	468	11	9	0	20
7:30A	1	185	46	100	0	0	2	230	1	0	0	1	566	9	5	0	14
7:45A	0	226	47	104	0	0	1	243	0	0	0	1	622	6	9	0	15
8:00A	0	189	38	65	0	1	4	158	8	0	0	0	463	14	5	0	19
8:15A	0	157	43	61	0	1	1	176	0	0	0	1	440	10	13	0	23
8:30A	0	165	30	57	0	0	4	130	0	0	0	1	387	13	5	0	18
8:45A	0	133	26	54	0	2	2	135	0	0	0	1	353	11	9	0	20
9:00A	2	160	27	47	0	2	0	136	0	0	0	1	375	7	10	0	17
9:15A	1	161	28	39	0	2	5	144	0	0	1	0	381	13	7	0	20
9:30A	1	166	32	43	0	2	5	182	0	0	0	0	431	12	6	0	18
9:45A	0	167	30	32	0	2	3	136	0	0	0	0	370	13	6	0	19
10:00A																	
10:15A																	
10:30A	4	162	39	45	0	0	4	144	0	2	0	1	401	15	12	0	27
10:45A	1	195	32	44	0	3	4	149	1	0	0	0	429	12	4	0	16
11:00A	4	175	23	41	0	3	7	152	0	1	0	2	408	11	8	0	19
11:15A	3	213	39	25	0	1	4	177	2	0	0	0	464	9	11	0	20
11:30A	1	196	23	41	0	1	7	224	1	0	1	1	496	13	7	0	20
11:45A	2	245	31	42	0	2	4	194	2	1	0	2	525	5	5	0	10
12:00P	4	218	37	40	0	2	4	185	1	2	0	1	494	13	5	0	18
12:15P	1	245	42	50	2	0	1	181	5	4	2	1	534	13	8	0	21
12:30P	6	215	33	47	0	0	10	206	4	2	0	6	529	13	8	0	21
12:45P	2	205	32	44	1	3	7	218	1	3	0	2	518	9	11	0	20
1:00P	5	190	58	46	0	3	5	192	1	4	0	1	505	10	11	0	21
1:15P	1	200	33	48	0	0	9	197	2	1	0	8	499	12	11	0	23
1:30P	2	176	52	56	1	1	3	191	0	1	1	6	490	13	8	0	21
1:45P	5	193	55	47	0	2	6	162	4	3	0	1	478	10	6	0	16

SHORT LABEL	ROAD, STREET or DRIVEWAY
US158	US 158-501/NC 57
US158	US 158
US501	US 501/NC 57
GARRETT	GARRETT ST

TIME PERIOD	FROM NORTH ON A = US 158-501/NC 57 TO W. on GARRETT 1	S. on US501 2	E. on US158 3	FROM EAST ON B = US 158 TO N. on US158 4	W. on GARRETT 5	S. on US501 6	FROM SOUTH ON C = US 501/NC 57 TO E. on US158 7	N. on US158 8	W. on GARRETT 9	FROM WEST ON D = GARRETT ST TO S. on US501 10	E. on US158 11	N. on US158 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	3	220	37	48	0	6	6	179	1	2	0	2	504	22	14	0	36
2:15P	2	193	48	58	0	1	1	180	3	2	0	4	492	17	11	0	28
2:30P	2	226	41	53	0	1	5	218	2	0	1	2	551	20	9	0	29
2:45P	1	195	41	55	0	0	8	196	1	2	0	0	499	12	10	0	22
3:00P	2	222	58	40	0	3	5	251	1	1	0	1	584	17	12	0	29
3:15P	3	219	65	42	0	0	7	221	3	3	0	1	564	20	6	0	26
3:30P	4	215	60	65	0	1	5	260	1	1	0	0	612	9	7	0	16
3:45P	0	238	41	48	0	0	7	223	0	0	0	1	558	13	10	0	23
4:00P	1	247	62	59	1	6	8	243	2	1	0	2	632	9	4	0	13
4:15P	0	293	54	50	0	2	7	295	2	1	0	0	704	10	9	0	19
4:30P	0	227	55	60	0	1	9	255	7	4	0	3	621	10	4	0	14
4:45P	3	248	58	70	0	2	6	235	2	3	0	1	628	7	5	0	12
5:00P	1	284	69	80	0	1	6	284	1	3	0	3	732	5	6	0	11
5:15P	1	250	57	67	0	3	5	261	3	0	0	3	650	2	6	0	8
5:30P	0	226	45	56	0	2	8	241	1	2	0	4	585	4	5	0	9
5:45P	2	245	53	53	1	1	8	281	2	1	0	1	648	7	7	0	14
6:00P	7	227	65	48	0	3	6	279	1	3	0	3	642	6	3	0	9
6:15P	4	162	39	33	0	0	6	172	2	1	0	3	422	2	2	0	4
6:30P																	
6:45P																	
7:00P	5	174	21	29	1	1	3	153	0	3	0	2	392	1	3	0	4
7:15P	0	147	25	14	0	0	3	155	0	1	1	3	349	1	4	0	5
7:30P	1	121	24	21	0	1	5	135	2	0	0	2	312	4	2	0	6
7:45P	2	108	27	15	1	1	4	116	1	0	0	0	275	4	2	0	6
8:00P																	
8:15P																	
8:30P																	
8:45P																	
9:00P																	
9:15P																	
9:30P																	
9:45P																	
13.00-HOUR TOTALS	94	10300	2084	2489	8	79	237	9582	73	64	13	81	25104	511	374	0	885
24-HOUR PROJECTION	119	13183	2667	3186	10	101	303	12264	92	81	16	102	32127	542	486	0	1028
AM PEAK HOUR BEGINS AT 7:15A TOTALS	2	837	161	321	0	3	10	767	10	0	6	2	2119	40	28	0	68
PM PEAK HOUR BEGINS AT 4:15P TOTALS	4	1052	236	260	0	6	28	1069	12	11	0	7	2685	32	24	0	56

SHORT LABEL	ROAD, STREET or DRIVEWAY
US158	US 158-501/NC 57
US158	US 158
US501	US 501/NC 57

SHORT LABEL	ROAD, STREET or DRIVEWAY
GARRETT	GARRETT ST

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
25104	2119	AM: 7% PM: 8%
PROJECTED 24-HOUR TOTAL	**PM PEAK VOLUME AT 4:15P**	**PEAK HOUR FACTORS**
32127	2685	AM: 0.85 PM: 0.92

TRUCKS TOTALS ON SOUTH APPROACH OF US 501/NC 57

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	511	374	0	885
PROJECTED	542	486	0	1028
PERCENTAGE	2.1%	1.9%	0.0%	3.9%

TOTALS AND FACTORS BY APPROACH:

ALL HOURS IN SURVEY	A = NORTH APPR. OF US 158-501/NC 57		B = EAST APPR. OF US 158		C = SOUTH APPR. OF US 501/NC 57		D = WEST APPR. OF GARRETT ST	
	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	12478	15970	2576	3297	9892	12660	158	200
EXT. VOL.	12152	15553	2334	2987	10443	13366	175	221
TOTAL VOL.	24630	31522	4910	6284	20335	26026	333	421

AM PEAK	HOUR BEGINS: 7:15A		HOUR BEGINS: 7:30A		HOUR BEGINS: 11:30A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	1000	48%	332	65%	809	47%	15	44%
EXT. VOL.	1090	52%	182	35%	916	53%	19	56%
TOTAL VOL.	2090	---	514	---	1725	---	34	---
	% 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%	0.84	8%	0.85	7%	0.96	8%	0.57

PM PEAK	HOUR BEGINS: 4:15P		HOUR BEGINS: 4:30P		HOUR BEGINS: 4:15P		HOUR BEGINS: 12:15P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	1292	49%	284	52%	1109	51%	25	47%
EXT. VOL.	1336	51%	265	48%	1069	49%	28	53%
TOTAL VOL.	2628	---	549	---	2178	---	53	---
	% 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%	0.88	8%	0.91	13%	0.74

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                  NORTH APPROACH
                                      US158
                                     +------+
                                     |31522 |
                                     +------+
                                  119 13183  2667
                                 Right Thru  Left



                     102  Left                TOTAL ENTERING VOLUME:                Right 3186
  WEST       +------+                                                                          +------+        EAST
      GARRET|  421 |   16  Thru                   ++======++                       Thru    10 | 6284 |US158
APPROACH     +------+                             ||32127 ||                                  +------+      APPROACH
                      81  Right                   ++======++                       Left   101


                                  Left  Thru  Right
                                    92 12264   303
                                     +------+
                                     |26026 |
                                     +------+
                                      US501
                                  SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                           7:15A

                                       NORTH APPROACH
                                          US158
                                         +-------+
                                         | 2090 |
                                         +-------+
                                        2   837   161
                                      Right Thru  Left

                          2  Left                TOTAL ENTERING VOLUME:                Right  321
  WEST       +-------+                                                                          +-------+        EAST
      GARRET|   20 |    6  Thru                     ++=======++                      Thru     0 |  501 |US158
APPROACH     +-------+                              || 2119 ||                                +-------+      APPROACH
                          0  Right                   ++=======++                      Left     3

                                      Left  Thru  Right
                                        10   767    10
                                         +-------+
                                         | 1627 |
                                         +-------+
                                          US501
                                       SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                          4:15P

                                       NORTH APPROACH
                                          US158
                                         +------+
                                         | 2628 |
                                         +------+
                                        4  1052   236
                                      Right Thru  Left



                          7  Left                TOTAL ENTERING VOLUME:                Right  260
  WEST        +------+                                                                          +------+        EAST
       GARRET|   34 |    0  Thru                    ++======++                       Thru     0 |  530 |US158
APPROACH      +------+                              || 2685 ||                                 +------+      APPROACH
                         11  Right                  ++======++                       Left     6


                                      Left  Thru  Right
                                        12  1069    28
                                         +------+
                                         | 2178 |
                                         +------+
                                          US501
                                       SOUTH APPROACH
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