MH

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

NCDOT

COUNTY: GASTON IN CITY: GASTONIA

INTERSECTION: US 321 & W NORMENT ST

STATION #: 08TM0142 COUNTED BY: SENTERS

DATE: June 23 & 26, 2008 DAY OF WEEK: Thursday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 321
APPROACH: SOUTH

TIME PERIOD	FROM NORTH ON A = US 321 TO W. on NORMENT 1	S. on US321 2	E. on NORMENT 3	FROM EAST ON B = W NORMENT ST TO N. on US321 4	W. on NORMENT 5	S. on US321 6	FROM SOUTH ON C = US 321 TO E. on NORMENT 7	N. on US321 8	W. on NORMENT 9	FROM WEST ON D = W NORMENT ST TO S. on US321 10	E. on NORMENT 11	N. on US321 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	0	55	0	0	0	0	1	62	0	0	0	1	119	5	3	0	8
6:15A	0	52	0	0	0	0	0	113	0	0	0	4	169	10	3	0	13
6:30A	0	72	0	0	0	2	0	94	1	0	0	3	172	7	4	0	11
6:45A	0	65	0	0	1	0	0	84	0	0	0	4	154	6	4	0	10
7:00A	0	107	1	1	0	0	0	93	0	2	0	4	208	4	6	0	10
7:15A	0	118	1	1	0	0	0	100	0	0	0	3	223	8	8	0	16
7:30A	0	124	0	0	0	0	1	126	0	0	0	1	252	14	5	0	19
7:45A	1	166	0	3	0	0	0	144	0	0	0	3	317	11	6	0	17
8:00A	0	127	1	2	1	3	0	114	1	0	0	3	252	10	7	0	17
8:15A	0	140	1	0	1	0	0	110	0	0	0	3	255	18	9	0	27
8:30A	0	134	2	0	0	0	0	120	1	1	1	1	260	16	11	0	27
8:45A	1	163	0	0	0	0	0	93	0	0	0	0	257	27	11	0	38
9:00A	1	133	0	0	0	1	0	95	1	1	0	0	232	17	8	0	25
9:15A	0	117	0	0	2	0	1	99	0	2	0	0	221	16	5	0	21
9:30A	0	126	1	1	1	2	2	103	1	0	0	2	239	24	13	0	37
9:45A	0	126	1	1	0	2	2	100	0	0	1	3	236	16	12	0	28
10:00A																	
10:15A																	
10:30A	1	108	0	2	0	1	0	98	1	7	1	2	221	7	7	0	14
10:45A	0	116	1	0	1	1	0	101	0	3	1	2	226	14	9	0	23
11:00A	1	117	0	1	0	0	0	91	0	0	0	0	210	12	11	0	23
11:15A	0	138	2	0	0	0	0	110	1	1	0	0	252	15	12	0	27
11:30A	0	128	1	0	0	1	0	118	4	1	2	0	255	16	11	0	27
11:45A	3	107	4	1	1	1	1	107	1	1	1	1	229	16	7	0	23
12:00P	2	139	3	1	0	0	1	129	1	0	0	5	281	10	10	0	20
12:15P	0	144	0	1	0	1	0	103	1	2	0	2	254	8	8	0	16
12:30P	2	147	1	0	2	0	0	102	3	0	0	5	262	16	11	0	27
12:45P	1	107	0	0	1	0	1	136	2	0	0	2	250	14	7	0	21
1:00P	3	153	0	1	2	0	0	125	0	1	4	3	292	17	5	0	22
1:15P	1	129	0	1	1	0	1	109	1	6	3	1	253	10	11	0	21
1:30P	2	122	0	2	1	2	1	113	1	2	1	3	250	8	10	0	18
1:45P	2	144	2	0	0	0	0	127	0	4	0	1	280	10	5	0	15

SHORT LABEL	ROAD, STREET or DRIVEWAY
US321 =	US 321
NORMENT =	W NORMENT ST

TIME PERIOD	FROM NORTH ON A = US 321 TO W. on NORMENT 1	S. on US321 2	E. on NORMENT 3	FROM EAST ON B = W NORMENT ST TO N. on US321 4	W. on NORMENT 5	S. on US321 6	FROM SOUTH ON C = US 321 TO E. on NORMENT 7	N. on US321 8	W. on NORMENT 9	FROM WEST ON D = W NORMENT ST TO S. on US321 10	E. on NORMENT 11	N. on US321 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	0	156	2	0	1	1	1	137	2	1	0	1	302	15	10	0	25
2:15P	1	122	2	1	0	2	2	159	1	2	2	3	297	11	14	0	25
2:30P	0	135	3	3	1	0	1	137	0	4	1	3	288	15	9	0	24
2:45P	0	148	0	0	0	0	0	124	0	1	0	0	273	23	7	0	30
3:00P	3	183	3	0	0	0	0	146	0	0	1	0	336	12	4	0	16
3:15P	3	145	1	4	0	0	3	135	2	2	1	1	297	11	5	0	16
3:30P	3	161	0	0	2	3	2	155	2	0	1	1	330	15	5	0	20
3:45P	0	155	0	1	0	2	1	108	0	3	0	2	272	12	3	0	15
4:00P	1	170	1	3	0	0	1	148	2	0	0	7	333	11	6	0	17
4:15P	2	143	2	0	0	2	0	150	0	4	0	2	305	13	7	0	20
4:30P	0	156	0	2	1	2	1	140	4	0	0	0	306	11	10	0	21
4:45P	0	112	1	0	0	1	1	159	1	1	1	2	279	4	8	0	12
5:00P	0	151	1	1	0	1	5	193	0	2	0	2	356	4	4	0	8
5:15P	1	147	2	2	0	1	2	142	1	3	1	3	305	4	3	0	7
5:30P	0	125	0	1	2	3	6	137	1	1	0	3	279	5	2	0	7
5:45P	0	136	2	0	0	1	0	96	3	3	1	3	245	6	3	0	9
6:00P	0	125	0	1	1	3	1	109	1	1	4	3	249	5	1	0	6
6:15P	2	135	1	1	0	2	2	95	1	2	2	2	245	3	1	0	4
6:30P																	
6:45P																	
7:00P	1	85	0	2	1	0	2	73	0	1	1	1	167	5	5	0	10
7:15P	2	95	1	1	2	0	0	83	0	0	0	4	188	5	4	0	9
7:30P	1	104	1	2	0	1	2	66	1	1	1	3	183	4	2	0	6
7:45P	0	93	1	1	1	1	2	77	0	1	1	3	181	0	2	0	2
8:00P	2	67	0	1	1	0	1	71	0	1	0	1	145	2	4	0	6
8:15P	1	74	0	1	2	0	1	72	4	3	2	1	161	0	1	0	1
8:30P	0	68	1	0	0	0	1	54	1	0	0	4	129	3	0	1	4
8:45P	1	59	1	2	1	1	1	51	0	1	1	1	120	1	0	0	1
9:00P	3	60	0	1	0	1	0	61	1	2	0	1	130	2	1	0	3
9:15P	2	55	2	2	0	1	1	58	0	0	1	1	123	2	2	0	4
9:30P	2	49	1	1	0	0	0	42	1	1	0	1	98	2	1	0	3
9:45P	1	40	1	2	0	0	0	52	1	1	0	0	98	1	2	0	3
15.00-HOUR TOTALS	53	7078	52	55	31	46	52	6449	51	76	37	121	14101	589	365	1	955
24-HOUR PROJECTION	61	8241	60	63	35	53	60	7508	59	87	42	139	16407	624	475	1	1100
AM PEAK HOUR BEGINS AT 7:45A TOTALS	1	567	4	5	2	3	0	488	2	1	1	10	1084	55	33	0	88
PM PEAK HOUR BEGINS AT 4:15P TOTALS	2	562	4	3	1	6	7	642	5	7	1	6	1246	32	29	0	61

SHORT LABEL	ROAD, STREET or DRIVEWAY
US321 =	US 321
NORMENT =	W NORMENT ST

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

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 7:45A	PEAK HOUR PERCENTAGES
	14101	1084	AM: 7% PM: 8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:15P	PEAK HOUR FACTORS
	16407	1246	AM: 0.85 PM: 0.88

TRUCKS TOTALS ON SOUTH APPROACH OF US 321

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	589	365	1	955
PROJECTED	624	475	1	1100
PERCENTAGE	3.9%	3.0%	0.0%	6.9%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF US 321		B = EAST APPR. OF W NORMENT ST		C = SOUTH APPR. OF US 321		D = WEST APPR. OF W NORMENT ST	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	7183	8361	132	151	6552	7627	234	268
EXT. VOL.	6625	7710	141	161	7200	8381	135	154
TOTAL VOL.	13808	16072	273	312	13752	16008	369	422
AM PEAK	HOUR BEGINS:	7:45A	HOUR BEGINS:	11:15A	HOUR BEGINS:	7:45A	HOUR BEGINS:	11:30A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	572	53%	5	25%	490	46%	15	54%
EXT. VOL.	503	47%	15	75%	571	54%	13	46%
TOTAL VOL.	1075	---	20	---	1061	---	28	---
	% 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%	0.85	6%	0.56	7%	0.86	7%	0.88
PM PEAK	HOUR BEGINS:	4:15P	HOUR BEGINS:	5:15P	HOUR BEGINS:	4:15P	HOUR BEGINS:	12:30P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	568	47%	15	44%	654	53%	25	57%
EXT. VOL.	651	53%	19	56%	575	47%	19	43%
TOTAL VOL.	1219	---	34	---	1229	---	44	---
	% 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%	0.88	11%	0.71	8%	0.87	10%	0.85

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                    NORTH APPROACH
                                       US321
                                      +-------+
                                      |16072 |
                                      +-------+
                                    61  8241    60
                                  Right Thru  Left

                                 139  Left                TOTAL ENTERING VOLUME:                Right   63
  WEST        +-------+                                                                                  +-------+        EAST
      NORMEN|  422 |                42  Thru                  ++=======++                      Thru    35 |  312 |NORMENT
APPROACH      +-------+                                       ||16407 ||                                  +-------+      APPROACH
                                  87  Right                  ++=======++                      Left    53

                                                          Left  Thru  Right
                                                            59  7508    60
                                                              +-------+
                                                              |16008 |
                                                              +-------+
                                                               US321
                                                           SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                          7:45A

                                       NORTH APPROACH
                                          US321
                                         +------+
                                         | 1075 |
                                         +------+
                                        1   567     4
                                      Right Thru  Left

                                 10  Left                TOTAL ENTERING VOLUME:                Right    5
  WEST        +------+                                                                                +------+        EAST
      NORMEN|    17 |              1  Thru                    ++======++                      Thru     2 |    15 |NORMENT
APPROACH      +------+                                       || 1084 ||                                +------+       APPROACH
                                  1  Right                   ++======++                      Left     3

                                      Left  Thru  Right
                                        2   488     0
                                         +------+
                                         | 1061 |
                                         +------+
                                          US321
                                      SOUTH APPROACH
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                                   TURNING MOVEMENT SUMMARY
                                   Section 5:  PM Peak Hour Diagram
                                          4:15P

                                       NORTH APPROACH
                                          US321
                                         +------+
                                         | 1219 |
                                         +------+
                                        2   562     4
                                      Right Thru  Left

                                 6  Left                TOTAL ENTERING VOLUME:                Right    3
  WEST          +------+                                                                          +------+          EAST
      NORMEN|    22 |                1  Thru                  ++======++                      Thru     1 |    22 |NORMENT
APPROACH        +------+                                     || 1246 ||                                +------+        APPROACH
                                 7  Right                  ++======++                      Left     6

                                       Left  Thru  Right
                                         5   642     7
                                          +------+
                                          | 1229 |
                                          +------+
                                           US321
                                       SOUTH APPROACH
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