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

NCDOT

COUNTY: GASTON IN CITY: GASTONIA

INTERSECTION: US 321 & NEW WAY AVE

STATION #: 08TM0141 COUNTED BY: NOBLES & SENTERS

DATE: June 25 & July 10, 2008 DAY OF WEEK: Wednesday, Thursday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 321
APPROACH: SOUTH

TIME PERIOD	FROM NORTH ON A = US 321 TO W. on NEW 1	S. on US321 2	FROM SOUTH ON B = US 321 TO N. on US321 3	W. on NEW 4	FROM WEST ON C = NEW WAY AVE TO S. on US321 5	N. on US321 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	1	52	78	0	1	4	136	9	6	0	15
6:15A	1	58	98	0	2	5	164	9	4	0	13
6:30A	0	34	74	1	1	4	114	6	3	1	10
6:45A	0	69	82	1	0	3	155	7	3	0	10
7:00A	2	114	105	6	2	7	236	8	10	0	18
7:15A	2	106	89	3	1	4	205	7	6	0	13
7:30A	1	121	129	1	4	4	260	12	5	0	17
7:45A	3	134	126	1	2	5	271	8	6	0	14
8:00A	3	134	124	14	4	3	282	15	8	0	23
8:15A	0	152	95	4	5	5	261	12	6	0	18
8:30A	1	141	84	3	4	1	234	15	10	0	25
8:45A	5	141	100	4	3	5	258	17	12	0	29
9:00A	2	107	89	4	6	6	214	19	7	0	26
9:15A	1	103	78	2	2	4	190	6	14	0	20
9:30A	2	93	93	2	5	4	199	13	12	0	25
9:45A	2	128	107	8	5	4	254	15	9	0	24
10:00A											
10:15A											
10:30A	1	108	86	4	4	4	207	15	12	0	27
10:45A	5	114	85	0	3	9	216	16	14	0	30
11:00A	2	133	114	3	3	4	259	16	15	0	31
11:15A	1	110	100	3	1	5	220	13	8	0	21
11:30A	2	83	55	4	3	2	149	6	7	0	13
11:45A	1	128	105	3	5	3	245	13	8	0	21
12:00P	2	131	111	5	4	4	257	12	8	0	20
12:15P	0	133	106	3	3	6	251	12	10	0	22
12:30P	3	134	119	6	2	2	266	11	12	0	23
12:45P	2	125	108	2	2	5	244	17	13	0	30
1:00P	5	146	115	6	4	5	281	16	7	0	23
1:15P	0	149	130	5	2	2	288	14	3	6	23
1:30P	3	131	117	3	5	4	263	14	9	0	23
1:45P	3	119	124	2	3	7	258	9	8	0	17

SHORT LABEL	ROAD, STREET or DRIVEWAY
US321	US 321
NEW	NEW WAY AVE

TIME PERIOD	FROM NORTH ON A = US 321 TO W. on NEW 1	S. on US321 2	FROM SOUTH ON B = US 321 TO N. on US321 3	W. on NEW 4	FROM WEST ON C = NEW WAY AVE TO S. on US321 5	N. on US321 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	7	133	153	8	6	11	318	15	11	0	26
2:15P	1	158	163	7	4	3	336	10	9	0	19
2:30P	8	151	150	4	8	6	327	17	9	0	26
2:45P	3	211	150	8	7	8	387	11	7	0	18
3:00P	5	236	141	9	4	6	401	13	6	0	19
3:15P	0	198	145	4	5	7	359	7	8	0	15
3:30P	3	179	159	9	6	6	362	8	4	0	12
3:45P	6	158	145	9	4	3	325	13	5	0	18
4:00P	6	196	134	8	8	7	359	13	5	0	18
4:15P	2	181	168	10	3	3	367	13	5	0	18
4:30P	5	165	138	5	11	6	330	12	7	0	19
4:45P	4	158	136	6	5	7	316	6	2	0	8
5:00P	3	166	224	12	2	5	412	7	11	0	18
5:15P	4	146	205	12	5	4	376	9	5	0	14
5:30P	2	173	178	7	7	2	369	9	4	0	13
5:45P	7	190	170	4	12	7	390	4	5	0	9
6:00P	6	167	129	4	2	5	313	5	4	0	9
6:15P	4	178	111	7	6	4	310	4	1	0	5
6:30P											
6:45P											
7:00P	7	104	92	4	4	6	217	3	3	0	6
7:15P	5	109	86	8	3	5	216	1	2	0	3
7:30P	2	114	72	12	11	4	215	0	2	0	2
7:45P	3	81	70	4	6	7	171	0	1	0	1
8:00P											
8:15P											
8:30P											
8:45P											
9:00P											
9:15P											
9:30P											
9:45P											
13.00-HOUR TOTALS	149	6983	6145	264	220	252	14013	542	371	7	920
24-HOUR PROJECTION	189	8938	7865	334	278	319	17923	575	482	9	1066
AM PEAK HOUR BEGINS AT 7:30A TOTALS	7	541	474	20	15	17	1074	47	25	0	72
PM PEAK HOUR BEGINS AT 5:00P TOTALS	16	675	777	35	26	18	1547	29	25	0	54

SHORT LABEL	ROAD, STREET or DRIVEWAY
US321	US 321
NEW	NEW WAY AVE

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	
	14013	1074	AM:	6%
			PM:	9%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 5:00P	PEAK HOUR FACTORS	
	17923	1547	AM:	0.95
			PM:	0.94

TRUCKS TOTALS ON SOUTH APPROACH OF US 321

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	542	371	7	920
PROJECTED	575	482	9	1066
PERCENTAGE	3.3%	2.8%	0.1%	6.1%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF US 321		B = SOUTH APPR. OF US 321		C = WEST APPR. OF NEW WAY AVE	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	7132	9126	6409	8199	472	597
EXT. VOL.	6397	8184	7203	9216	413	523
TOTAL VOL.	13529	17310	13612	17416	885	1120

AM PEAK	HOUR BEGINS: 7:30A		HOUR BEGINS: 7:30A		HOUR BEGINS: 8:00A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	548	53%	494	47%	30	47%
EXT. VOL.	491	47%	556	53%	34	53%
TOTAL VOL.	1039	---	1050	---	64	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	6%	0.97	6%	0.95	6%	0.67

PM PEAK	HOUR BEGINS: 5:00P		HOUR BEGINS: 5:00P		HOUR BEGINS: 2:00P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	691	47%	812	54%	53	54%
EXT. VOL.	795	53%	701	46%	46	46%
TOTAL VOL.	1486	---	1513	---	99	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	9%	0.93	9%	0.94	9%	0.77

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

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                                          NORTH APPROACH
                                              US321
                                             +-------+
                                             |17310 |
                                             +-------+
                                          189  8938
                                         Right Thru


                                         TOTAL ENTERING VOLUME:

  WEST       +-------+  319  Left
      NEW    | 1120 |                       ++======++
APPROACH     +-------+  278  Right           ||17923 ||
                                             ++======++


                                         Left  Thru
                                          334  7865
                                             +-------+
                                             |17416 |
                                             +-------+
                                              US321
                                          SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 4:  AM Peak Hour Diagram
                                          7:30A

                                      NORTH APPROACH
                                         US321
                                        +------+
                                        | 1039 |
                                        +------+
                                       7   541
                                     Right Thru


                                     TOTAL ENTERING VOLUME:

  WEST       +------+   17  Left
      NEW    |   59 |
APPROACH     +------+   15  Right          ++======++
                                            || 1074 ||
                                            ++======++


                                     Left  Thru
                                       20   474
                                        +------+
                                        | 1050 |
                                        +------+
                                         US321
                                      SOUTH APPROACH
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                                    TURNING MOVEMENT SUMMARY
                                    Section 5:  PM Peak Hour Diagram
                                          5:00P

                                       NORTH APPROACH
                                          US321
                                         +------+
                                         | 1486 |
                                         +------+
                                        16   675
                                      Right Thru



                                      TOTAL ENTERING VOLUME:

  WEST       +------+   18  Left
      NEW    |   95 |
APPROACH     +------+   26  Right          ++======++
                                           || 1547 ||
                                           ++======++



                                      Left  Thru
                                        35   777
                                         +------+
                                         | 1513 |
                                         +------+
                                          US321
                                       SOUTH APPROACH
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