MH

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

COUNTY: CRAVEN NEAR CITY: NEW BERN

INTERSECTION: US 70 & SR 1139 ELDER ST

STATION #: 08TM0201 COUNTED BY: HESTER & NOBLES

DATE: August 20 & 27, 2008 DAY OF WEEK: Wednesday, Wednesday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
SR 1139 ELDER ST
APPROACH: NORTHEAST

TIME PERIOD	FROM NORTHEAST ON A = SR 1139 ELDER ST TO NW. on US70 1	SE. on US70 2	FROM SOUTHEAST ON B = US 70 TO NE. on SR1139 3	NW. on US70 4	FROM NORTHWEST ON C = US 70 TO SE. on US70 5	NE. on SR1139 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	3	0	2	118	359	0	482	0	0	0	0
6:15A	15	0	0	140	323	0	478	2	0	0	2
6:30A	15	0	1	219	330	0	565	1	0	0	1
6:45A	16	0	4	240	362	0	622	1	0	0	1
7:00A	10	0	2	252	412	0	676	1	0	0	1
7:15A	16	0	2	426	421	0	865	1	0	0	1
7:30A	24	0	3	460	420	0	907	3	0	0	3
7:45A	22	0	1	550	422	0	995	3	2	0	5
8:00A	24	0	2	415	358	0	799	0	1	0	1
8:15A	21	0	0	403	289	0	713	2	0	0	2
8:30A	31	0	0	353	309	0	693	2	0	0	2
8:45A	19	0	1	391	412	0	823	0	0	0	0
9:00A	17	0	1	353	357	0	728	0	0	0	0
9:15A	14	0	1	306	335	0	656	0	2	0	2
9:30A	15	0	2	337	389	0	743	1	1	0	2
9:45A	11	0	3	294	460	0	768	0	1	0	1
10:00A											
10:15A											
10:30A	26	0	1	311	408	0	746	2	1	0	3
10:45A	9	0	4	272	470	0	755	0	0	0	0
11:00A	15	0	2	282	415	0	714	0	0	0	0
11:15A	15	0	1	330	451	0	797	1	0	0	1
11:30A	17	0	0	310	497	0	824	1	0	0	1
11:45A	14	0	2	281	367	0	664	1	0	0	1
12:00P	26	0	1	352	413	0	792	2	0	0	2
12:15P	12	0	1	339	392	0	744	0	0	0	0
12:30P	14	0	1	336	406	0	757	0	1	0	1
12:45P	17	0	1	336	567	0	921	1	0	0	1
1:00P	21	0	0	349	541	0	911	0	0	0	0
1:15P	17	0	1	375	608	0	1001	0	1	0	1
1:30P	17	0	3	343	500	0	863	0	1	0	1
1:45P	15	0	0	295	434	0	744	0	0	0	0

SHORT LABEL	ROAD, STREET or DRIVEWAY
SR1139	= SR 1139 ELDER ST
US70	= US 70

TIME PERIOD	FROM NORTHEAST ON A = SR 1139 ELDER ST TO NW. on US70 1	SE. on US70 2	FROM SOUTHEAST ON B = US 70 TO NE. on SR1139 3	NW. on US70 4	FROM NORTHWEST ON C = US 70 TO SE. on US70 5	NE. on SR1139 6	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	22	0	1	323	360	0	706	0	0	0	0
2:15P	14	0	4	340	432	0	790	1	0	0	1
2:30P	24	0	1	382	413	0	820	3	0	0	3
2:45P	21	0	0	384	422	0	827	0	1	0	1
3:00P	16	0	0	346	437	0	799	1	0	0	1
3:15P	26	0	0	424	552	0	1002	3	1	0	4
3:30P	26	0	3	478	518	0	1025	0	1	0	1
3:45P	26	0	0	430	552	0	1008	1	0	0	1
4:00P	30	0	1	506	548	0	1085	0	0	0	0
4:15P	15	0	3	454	508	0	980	0	0	0	0
4:30P	35	0	1	421	481	0	938	1	0	0	1
4:45P	30	0	1	472	589	0	1092	2	0	0	2
5:00P	66	0	0	473	616	0	1155	5	0	0	5
5:15P	37	0	1	462	764	0	1264	0	0	0	0
5:30P	26	0	0	443	649	0	1118	1	0	0	1
5:45P	21	0	0	421	662	0	1104	0	0	0	0
6:00P	19	0	0	361	639	0	1019	0	0	0	0
6:15P	22	0	0	318	433	0	773	1	0	0	1
6:30P											
6:45P											
7:00P	17	0	2	213	380	0	612	0	0	0	0
7:15P	15	0	0	205	331	0	551	0	0	0	0
7:30P	17	0	1	181	324	0	523	0	0	0	0
7:45P	5	0	0	168	302	0	475	0	0	0	0
8:00P											
8:15P											
8:30P											
8:45P											
9:00P											
9:15P											
9:30P											
9:45P											
13.00-HOUR TOTALS	1038	0	62	17973	23339	0	42412	44	14	0	58
24-HOUR PROJECTION	1356	0	81	23004	29873	0	54314	46	18	0	64
AM PEAK HOUR BEGINS AT 7:15A TOTALS	86	0	8	1851	1621	0	3566	7	3	0	10
PM PEAK HOUR BEGINS AT 5:00P TOTALS	150	0	1	1799	2691	0	4641	6	0	0	6

SHORT LABEL		ROAD, STREET or DRIVEWAY
SR1139	=	SR 1139 ELDER ST
US70	=	US 70

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	
42412	3566	AM:	7%
		PM:	9%
PROJECTED 24-HOUR TOTAL	**PM PEAK VOLUME AT 5:00P**	**PEAK HOUR FACTORS**	
54314	4641	AM:	0.90
		PM:	0.92

TRUCKS TOTALS ON NORTHEAST APPROACH OF SR 1139 ELDER ST

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	44	14	0	58
PROJECTED	46	18	0	64
PERCENTAGE	3.2%	1.2%	0.0%	4.4%

TOTALS AND FACTORS BY APPROACH:

ALL HOURS IN SURVEY	A = NORTHEAST APPR. OF SR 1139 ELDER ST		B = SOUTHEAST APPR. OF US 70		C = NORTHWEST APPR. OF US 70	
	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	1038	1356	18035	23085	23339	29873
EXT. VOL.	62	81	23339	29873	19011	24361
TOTAL VOL.	1100	1437	41374	52958	42350	54233

AM PEAK	HOUR BEGINS: 7:45A		HOUR BEGINS: 7:15A		HOUR BEGINS: 7:15A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	98	97%	1859	53%	1621	46%
EXT. VOL.	3	3%	1621	47%	1937	54%
TOTAL VOL.	101	---	3480	---	3558	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	7%	0.81	7%	0.89	7%	0.89

PM PEAK	HOUR BEGINS: 4:30P		HOUR BEGINS: 5:00P		HOUR BEGINS: 5:00P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	168	98%	1800	40%	2691	58%
EXT. VOL.	3	2%	2691	60%	1949	42%
TOTAL VOL.	171	---	4491	---	4640	---
	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR	% OF 24-HR.	PK. HR. FACTOR
FACTORS	12%	0.65	8%	0.92	9%	0.92

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
NORTHWEST APPROACH                                                  NORTHEAST APPROACH
     US70                                                                 SR1139
     +------+                                                        +------+
     |54233 |                                                        | 1437 |
     +------+                                                        +------+
              0                                                   1356
      29873        Left                                   Right          0
            Thru                                                 Left

                          TOTAL ENTERING VOLUME:

                            ++======++
                            ||54314 ||
                            ++======++

                                                                 Right
                                                          Thru          81
                                                               23004
                                                                   +------+
                                                                   |52958 |
                                                                   +------+
                                                                        US70
                                                                   SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:15A

```
NORTHWEST APPROACH                                                  NORTHEAST APPROACH
     US70                                                                 SR1139
     +------+                                                        +------+
     | 3558 |                                                        |   94 |
     +------+                                                        +------+
              0                                                     86
       1621        Left                                   Right            0
            Thru                                                 Left

                          TOTAL ENTERING VOLUME:

                            ++======++
                            || 3566 ||
                            ++======++

                                                                 Right
                                                        Thru             8
                                                                 1851
                                                                    +------+
                                                                    | 3480 |
                                                                    +------+
                                                                         US70
                                                                    SOUTHEAST APPROACH
```

TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
5:00P

```
NORTHWEST APPROACH                                                  NORTHEAST APPROACH
     US70                                                                SR1139
     +------+                                                        +------+
     | 4640 |                                                        |  151 |
     +------+                                                        +------+
              0                                                   150
       2691        Left                                   Right          0
            Thru                                                Left

                          TOTAL ENTERING VOLUME:

                            ++======++
                            || 4641 ||
                            ++======++

                                                                Right
                                                          Thru          1
                                                                1799
                                                                   +------+
                                                                   | 4491 |
                                                                   +------+
                                                                         US70
                                                                   SOUTHEAST APPROACH
```