KCT

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

COUNTY: PASQUOTANK IN CITY: ELIZABETH CITY

INTERSECTION: US 17 HUGHES BLVD & SR 1308 CHURCH ST & CHURCH ST & BRAY ST

STATION #: 08TM0039 COUNTED BY: HESTER & POWELL

DATE: May 31, 2008 & April 1, 2008 DAY OF WEEK: Tuesday, Monday

NCDOT
SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
SR 1308 CHURCH ST
APPROACH: WEST

TIME PERIOD	FROM NORTH ON A = US 17 HUGHES BLVD TO NW. on BRAY 1-2	W. on SR1308 1-3	S. on US17 2-3	E. on CHURCH 1-4	FROM EAST ON B = CHURCH ST TO N. on US17 1-6	NW. on BRAY 1-7	W. on SR1308 1-8	S. on US 17 2-8	FROM SOUTH ON C = US 17 HUGHES BLVD TO E. on CHURCH 2-10	N. on US17 2-11	NW. on BRAY 2-4	W. on SR1308 2-12	FROM WEST ON D - SR 1308 CHURCH ST S. on US17 2-14	E. on CHURCH 1-10	N. on US17 1-11	NW. on BRAY 1-12	FROM NORTHWEST ON E - BRAY ST W. on SR1308 1-14	S. on US17 2-6	E. on CHURCH 1-15	N. on US17 1-16	TOTAL all veh's.	SPECIAL COUNTS: 1 DUALS	2 TTSTS	3 TWINS	TOTAL TRUCKS
6:00A	0	0	35	2	6	1	2	6	3	44	0	0	2	1	1	0	0	0	0	0	103	0	0	0	0
6:15A	0	3	42	3	7	1	5	3	3	60	0	1	1	1	6	0	0	1	0	0	137	0	0	0	0
6:30A	0	0	52	2	3	0	3	5	5	98	0	1	2	2	2	0	0	0	0	0	175	0	0	0	0
6:45A	0	2	67	4	7	0	5	5	5	97	2	6	2	2	5	0	0	0	0	0	209	2	0	0	2
7:00A	0	0	64	7	11	0	2	8	7	134	2	1	1	2	11	0	0	0	0	0	250	3	0	0	3
7:15A	0	2	89	5	5	0	6	14	7	127	1	1	3	2	9	0	1	0	0	0	272	0	0	0	0
7:30A	0	0	120	4	5	1	5	13	11	163	3	2	3	16	13	0	0	1	0	0	380	0	0	0	0
7:45A	0	0	118	4	8	0	11	18	14	243	4	4	3	15	13	0	0	0	0	0	455	3	0	0	3
8:00A	0	3	108	5	9	0	4	16	15	164	3	1	3	17	19	0	0	0	0	0	367	2	0	0	2
8:15A	0	1	93	2	10	3	5	11	14	161	10	3	4	16	7	2	2	1	0	0	345	0	0	0	0
8:30A	0	1	111	6	8	1	11	7	20	151	2	0	4	11	12	0	0	1	0	0	346	1	0	0	1
8:45A	0	2	126	4	20	0	13	22	11	151	4	3	5	11	9	0	1	1	0	0	383	0	0	0	0
9:00A	1	0	105	5	9	1	7	11	16	169	1	5	6	8	7	0	0	0	0	0	351	0	0	0	0
9:15A	0	0	131	3	16	0	6	20	12	152	4	3	2	9	5	0	1	1	0	1	366	0	0	0	0
9:30A	0	1	130	5	7	2	8	9	21	161	5	7	6	7	5	0	0	0	0	0	374	1	0	0	1
9:45A	0	0	133	3	7	1	5	19	21	158	4	3	6	8	8	0	1	1	0	0	378	0	0	0	0
10:00A																									0
10:15A																									0
10:30A	0	3	157	7	6	1	15	18	12	135	2	5	4	5	6	0	0	1	0	0	377	0	0	0	0
10:45A	0	6	171	10	6	1	9	12	14	175	6	5	6	5	11	0	0	3	0	0	440	0	0	0	0
11:00A	0	4	177	5	7	1	13	25	14	156	5	4	10	12	6	1	1	1	0	0	442	2	0	0	2
11:15A	1	3	150	4	4	2	4	17	22	160	2	3	5	3	6	1	1	1	0	0	389	0	2	0	2
11:30A	0	2	168	6	7	1	9	14	15	150	6	4	5	4	7	0	0	4	0	0	402	5	0	0	5
11:45A	0	0	80	0	7	6	5	24	19	192	5	8	8	5	1	0	0	0	0	0	360	2	0	0	2
12:00P	0	1	125	2	15	3	15	26	22	161	6	12	7	0	0	0	1	1	0	0	397	1	0	0	1
12:15P	2	1	130	2	5	4	16	19	27	209	3	9	16	14	7	4	2	0	0	1	470	2	0	0	2
12:30P	0	0	154	7	8	1	12	15	16	196	5	5	14	5	3	0	1	2	1	0	445	0	0	0	0
12:45P	0	4	161	6	6	0	15	19	23	180	5	10	7	7	10	0	2	1	0	2	458	2	0	0	2
1:00P	1	2	163	6	4	2	21	23	14	185	2	4	12	8	9	1	0	2	0	0	459	0	0	0	0
1:15P	0	1	140	2	7	2	11	21	12	178	1	6	12	11	5	0	0	1	1	1	412	2	0	0	2
1:30P	0	3	162	5	2	2	12	21	13	205	3	5	2	12	17	0	2	1	0	1	468	1	0	0	1
1:45P	0	2	172	4	3	3	6	8	9	156	5	7	5	14	7	1	1	3	0	0	406	0	0	0	0

TIME PERIOD	FROM NORTH ON A = US 17 HUGHES BLVD TO NW. on BRAY 1-2	W. on SR1308 1-3	S. on US17 2-3	E. on CHURCH 1-4	FROM EAST ON B = CHURCH ST TO N. on US17 1-6	NW. on BRAY 1-7	W. on SR1308 1-8	S. on US 17 2-8	FROM SOUTH ON C = US 17 HUGHES BLVD TO E. on CHURCH 2-10	N. on US17 2-11	NW. on BRAY 2-4	W. on SR1308 2-12	FROM WEST ON D - SR 1308 CHURCH ST S. on US17 2-14	E. on CHURCH 1-10	N. on US17 1-11	NW. on BRAY 1-12	FROM NORTHWEST ON E - BRAY ST W. on SR1308 1-14	S. on US17 2-6	E. on CHURCH 1-15	N. on US17 1-16	TOTAL all veh's.	SPECIAL COUNTS: 1 DUALS	2 TTSTS	3 TWINS	TOTAL TRUCKS
2:00P	0	0	121	9	4	1	9	17	18	183	2	3	5	4	3	0	0	0	4	0	383	2	0	0	2
2:15P	1	3	71	2	10	0	11	13	18	151	3	3	1	2	3	2	1	1	0	0	296	2	0	0	2
2:30P	0	1	73	2	10	2	11	16	12	189	0	6	2	3	1	0	0	1	0	0	329	2	0	0	2
2:45P	0	1	72	3	5	3	12	17	15	167	1	6	0	1	1	0	0	0	0	0	304	1	0	0	1
3:00P	1	2	131	1	5	0	4	24	20	161	3	8	1	3	2	0	0	1	1	0	368	2	0	0	2
3:15P	1	2	143	1	3	3	15	22	21	161	4	4	1	4	4	0	1	1	0	0	391	2	0	0	2
3:30P	0	3	150	2	14	0	9	20	19	219	3	6	3	11	3	0	0	0	0	0	462	1	0	0	1
3:45P	1	4	200	4	6	1	12	20	25	176	4	11	7	4	8	1	1	1	0	1	487	1	0	0	1
4:00P	0	1	169	4	6	1	14	29	21	192	6	9	5	8	5	2	0	3	0	0	475	2	1	1	4
4:15P	0	5	170	0	6	1	16	23	14	204	4	9	5	7	14	0	1	2	0	0	481	0	0	0	0
4:30P	0	1	196	2	9	5	21	15	13	197	4	6	11	19	7	0	0	0	9	0	515	3	0	0	3
4:45P	0	4	202	0	13	1	18	28	17	165	7	5	7	15	9	0	3	0	0	0	494	0	0	0	0
5:00P	0	4	199	3	2	4	33	31	21	202	3	4	9	6	8	1	1	0	4	0	535	1	0	0	1
5:15P	1	1	200	10	6	0	22	21	24	181	4	7	5	10	8	2	1	1	0	0	504	0	0	0	0
5:30P	2	0	181	4	10	3	13	20	16	165	4	6	3	20	10	0	1	2	0	0	460	0	0	0	0
5:45P	0	2	175	5	5	0	10	22	21	134	6	4	2	4	3	0	0	0	0	0	393	0	0	0	0
6:00P	1	0	139	4	4	1	16	13	14	173	0	6	6	1	5	0	0	1	0	0	384	0	0	0	0
6:15P	0	1	156	3	4	2	9	10	9	129	0	3	7	5	7	0	1	0	0	0	346	0	0	0	0
6:30P																									
6:45P																									
7:00P	0	1	96	0	4	0	7	13	8	108	3	1	0	3	6	0	0	2	0	0	252	0	0	0	0
7:15P	0	0	123	1	2	0	6	6	9	126	2	7	2	4	3	0	0	1	0	0	292	0	0	0	0
7:30P	0	1	92	3	8	1	7	9	9	97	0	3	4	1	4	0	0	3	1	2	245	0	0	0	0
7:45P	1	1	82	1	5	1	6	11	12	107	2	2	2	2	3	0	0	0	0	0	238	0	0	0	0
8:00P																					0				0
8:15P																					0				0
8:30P																					0				0
8:45P																					0				0
9:00P																					0				0
9:15P																					0				0
9:30P																					0				0
9:45P																					0				0
15:00-HOUR TOTALS	14	85	6775	194	366	70	542	849	773	8277	166	247	254	370	344	18	28	48	21	9	19450	49	3	1	52
24-HOUR PROJECTION	18	111	8672	245	463	88	700	1074	978	10594	210	323	332	478	449	23	36	61	26	11	24893	50	4	1	55
AM PEAK HOUR BEGINS AT 10:45A TOTALS	1	15	666	25	24	5	35	68	65	641	19	16	26	24	30	2	2	9	0	0	1673	7	2	0	9
PM PEAK HOUR BEGINS AT 4:30P TOTALS	1	10	797	15	30	10	94	95	75	745	18	22	32	50	32	3	5	1	13	0	2048	4	0	0	4

SHORT LABEL	ROAD, STREET or DRIVEWAY	SHORT LABEL	ROAD, STREET or DRIVEWAY
US17	= US 17 HUGHES BLVD	BRAY	= BRAY ST
SR1308	= SR 1308 CHURCH ST		
CHURCH	= CHURCH ST		

TURNING MOVEMENT SUMMARY
Section 2: Summary Tables

INTER-SECTION TOTALS AND FACTORS:	VOLUME SURVEYED	AM PEAK VOLUME AT 10:45A	PEAK HOUR PERCENTAGES
	19450	1673	AM: 7% PM: 8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:30P	PEAK HOUR FACTORS
	24893	2048	AM: 0.83 PM: 0.93

TRUCKS TOTALS ON WEST APPROACH OF SR 1308 CHURCH ST

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	48	3	1	52
PROJECTED	50	4	1	55
PERCENTAGE	2.1%	0.2%	0.1%	2.3%

TOTALS AND FACTORS BY APPROACH:	A = NORTH APPR. OF US 17 HUGHES BLVD		B = EAST APPR. OF CHURCH ST		C = SOUTH APPR. OF US 17 HUGHES BLVD		D = WEST APPR. OF SR 1308 CHURCH ST		E = NORTHWEST APPR. OF BRAY ST	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	7068	9046	1827	2325	9463	12105	986	1283	106	135
EXT. VOL.	8996	11518	1358	1728	7926	10138	902	1170	268	339
TOTAL VOL.	16064	20564	3185	4053	17389	22243	1888	2453	374	473
AM PEAK	HOUR BEGINS: 10:45A		HOUR BEGINS: 11:30A		HOUR BEGINS: 10:45A		HOUR BEGINS: 7:30A		HOUR BEGINS: 11:30A	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	707	50%	176	60%	741	49%	131	76%	9	18%
EXT. VOL.	695	50%	116	40%	769	51%	41	24%	40	82%
TOTAL VOL.	1402	—	292	—	1510	—	172	—	49	—
	% OF 24-HR.	PK. HR. FACTOR	% 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%	0.92	7%	0.84	7%	0.96	7%	0.91	10%	0.77
PM PEAK	HOUR BEGINS: 4:30P		HOUR BEGINS: 4:30P		HOUR BEGINS: 4:30P		HOUR BEGINS: 4:15P		HOUR BEGINS: 4:30P	
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	823	50%	229	60%	860	48%	118	47%	19	37%
EXT. VOL.	807	50%	153	40%	925	52%	131	53%	32	63%
TOTAL VOL.	1630	—	382	—	1785	—	249	—	51	—
	% OF 24-HR.	PK. HR. FACTOR	% 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%	0.97	9%	0.92	8%	0.95	10%	0.94	11%	0.71

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

NORTH APPROACH
US17

		20564	
18	111	8672	245
Right	Right	Thru	Left

NORTHWEST
BRAY ST
APPROACH

473

11	Left
26	Left
61	Right
36	Right

TOTAL ENTERING VOLUME:

24893

SR1308

2453

23	Left
449	Left
478	Thru
332	Right

Right	463
Right	88
Thru	700
Left	1074

4053

EAST
CHURCH ST
APPROACH

Left	Left	Thru	Right
323	210	10594	978

22243

US17
SOUTH APPROACH

TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
10:45A

NORTH APPROACH
US17

1	15	666	25
Right	Right	Thru	Left

+ ---------- +
| 1402 |
+ ---------- +

NORTHWEST
APPROACH

BRAY

+ ---------- +
| 38 |
+ ---------- +

0 Left

0 Left

9 Right

2 Right

TOTAL ENTERING VOLUME:

++ ======== ++
|| 1673 ||
++ ======== ++

WEST
PPROACH

SR1308

+ ---------- +
| 150 |
+ ---------- +

2	Left
30	Left
24	Thru
26	Right

Right	24
Right	5
Thru	35
Left	68

+ ---------- +
| 246 |
+ ---------- +

CHURCH

EAST
APPROACH

Left	Left	Thru	Right
16	19	641	65

+ ---------- +
| 1510 |
+ ---------- +

US17
SOUTH APPROACH

TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
4:30P

NORTH APPROACH
US17

1	10	797	15
Right	Right	Thru	Left

+ ---------- +
| 1630 |
+ ---------- +

NORTHWEST
APPROACH

BRAY
+ ---------- +
| 51 |
+ ---------- +

0
Left

13
Left

1
Right

5
Right

TOTAL ENTERING VOLUME:

++ ======== ++
|| 2048 ||
++ ======== ++

WEST
PPROACH

SR1308

+ -------- +
| 248 |
+ -------- +

3 Left
32 L:eft
50 Thru
32 Right

Right 30
Right 10
Thru 94
Left 95

+ ---------- +
| 382 |
+ ---------- +

CHURCH

EAST
APPROACH

Left	Left	Thru	Right
22	18	745	75

+ ---------- +
| 1785 |
+ ---------- +

US17
SOUTH APPROACH