KLT

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

COUNTY: JACKSON IN CITY: DILLSBORO

INTERSECTION: US 23 BUS/NC 107 & US 23-441 & SR 1514 HAYWOOD RD

STATION #: 08TM0007 COUNTED BY: NELSON & SENTERS

DATE: March 10 & 13, 2008 DAY OF WEEK: Thursday, Monday

SPECIAL COUNTS: TRUCKS
CLASSIFICATIONS:
DUAL TTST TWIN

ROUTE:
US 23-441
APPROACH: SOUTHEAST

TIME PERIOD	FROM NORTHEAST ON A = US 23 BUS/NC 107 TO NW. on US23 1	SW. on SR1514 2	SE. on US23 3	FROM SOUTHEAST ON B = US 23-441 TO NE. on US23BUS 4	NW. on US23 5	SW. on SR1514 6	FROM SOUTHWEST ON C = SR 1514 HAYWOOD RD TO SE. on US23 7	NE. on US23BUS 8	NW. on US23 9	FROM NORTHWEST ON D = US 23-441 TO SW. on SR1514 10	SE. on US23 11	NE. on US23BUS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
6:00A	1	2	5	8	26	0	1	9	1	1	24	8	86	3	8	0	11
6:15A	5	3	13	15	49	9	1	2	2	0	36	5	140	7	5	0	12
6:30A	7	2	15	19	55	2	5	4	5	2	47	4	167	7	9	0	16
6:45A	8	4	21	21	55	11	5	5	2	4	48	9	193	15	3	0	18
7:00A	10	3	11	27	106	7	5	4	4	3	49	6	235	15	10	0	25
7:15A	16	3	23	39	94	8	8	8	5	0	72	9	285	14	15	0	29
7:30A	10	4	27	36	105	7	9	10	6	2	89	10	315	11	4	0	15
7:45A	14	9	18	65	129	10	10	15	3	6	101	25	405	13	9	0	22
8:00A	22	8	29	51	96	6	6	12	2	1	97	20	350	21	18	0	39
8:15A	17	8	25	43	93	7	8	15	4	0	90	11	321	23	20	0	43
8:30A	13	8	26	52	109	6	10	20	8	1	65	11	329	38	4	0	42
8:45A	18	6	21	44	98	5	8	17	2	2	73	19	313	21	15	0	36
9:00A	32	7	17	55	90	5	10	5	4	1	66	13	305	21	11	0	32
9:15A	20	5	30	34	93	5	6	7	2	1	86	14	303	33	16	0	49
9:30A	17	5	20	34	81	11	10	15	3	3	77	14	290	29	10	1	40
9:45A	23	6	23	37	77	1	5	14	1	0	78	21	286	16	8	0	24
10:00A																	
10:15A																	
10:30A	26	11	40	32	91	8	14	11	1	2	69	6	311	23	16	0	39
10:45A	23	9	31	26	95	1	7	17	3	2	75	12	301	26	10	0	36
11:00A	27	10	41	38	86	4	12	16	6	1	61	11	313	25	8	0	33
11:15A	11	4	28	38	68	4	5	17	5	4	61	17	262	17	11	0	28
11:30A	18	7	46	37	98	4	9	21	2	2	81	12	337	24	10	0	34
11:45A	19	10	40	56	99	2	3	16	5	2	72	10	334	21	10	0	31
12:00P	18	12	48	51	98	6	11	23	3	4	68	10	352	25	12	0	37
12:15P	26	16	37	44	100	6	9	13	6	5	75	19	356	25	6	0	31
12:30P	47	8	39	45	81	5	11	23	10	4	76	19	368	21	17	0	38
12:45P	28	7	35	52	95	10	9	19	6	2	60	23	346	25	9	0	34
1:00P	40	15	49	50	102	9	6	20	3	1	59	19	373	21	17	0	38
1:15P	34	16	49	33	75	4	11	16	8	2	78	20	346	30	12	0	42
1:30P	29	14	42	55	113	4	11	35	3	1	63	12	382	24	10	0	34
1:45P	42	9	49	39	100	7	10	12	5	1	79	15	368	28	11	0	39

SHORT LABEL	ROAD, STREET or DRIVEWAY
US23BUS	= US 23 BUS/NC 107
US23	= US 23-441
SR1514	= SR 1514 HAYWOOD RD

TIME PERIOD	FROM NORTHEAST ON A = US 23 BUS/NC 107 TO NW. on US23 1	SW. on SR1514 2	SE. on US23 3	FROM SOUTHEAST ON B = US 23-441 TO NE. on US23BUS 4	NW. on US23 5	SW. on SR1514 6	FROM SOUTHWEST ON C = SR 1514 HAYWOOD RD TO SE. on US23 7	NE. on US23BUS 8	NW. on US23 9	FROM NORTHWEST ON D = US 23-441 TO SW. on SR1514 10	SE. on US23 11	NE. on US23BUS 12	TOTAL all veh's.	SPECIAL COUNTS: DUALS	TTSTS	TWINS	TOTAL TRUCKS
2:00P	33	15	45	43	102	5	8	15	6	5	60	18	355	20	8	0	28
2:15P	35	9	51	37	80	6	12	18	4	2	65	18	337	23	13	0	36
2:30P	43	7	46	47	90	3	11	13	3	6	52	8	329	9	13	0	22
2:45P	9	1	29	44	111	5	5	10	1	6	42	13	276	17	10	0	27
3:00P	26	11	42	36	79	7	15	16	2	5	50	9	298	16	9	0	25
3:15P	28	9	36	34	100	3	19	17	9	2	84	20	361	20	7	0	27
3:30P	41	5	54	33	102	6	8	16	8	3	76	16	368	17	5	0	22
3:45P	35	5	68	29	100	5	17	22	8	3	86	32	410	22	10	0	32
4:00P	40	13	55	42	87	2	10	20	8	1	95	21	394	17	7	0	24
4:15P	41	9	67	55	72	6	8	11	4	4	74	17	368	16	7	0	23
4:30P	37	9	59	43	110	6	13	19	12	2	103	23	436	15	9	0	24
4:45P	40	3	65	36	92	6	12	9	4	3	94	19	383	9	8	0	17
5:00P	39	17	89	41	100	6	15	13	9	4	94	16	443	11	9	0	20
5:15P	38	5	92	47	97	8	9	14	4	5	101	15	435	8	9	0	17
5:30P	36	15	76	34	116	9	14	13	10	4	104	18	449	11	6	0	17
5:45P	35	5	47	32	100	8	11	10	9	2	64	18	341	10	8	0	18
6:00P	51	8	46	27	76	2	13	11	8	3	62	17	324	8	2	0	10
6:15P	41	11	50	29	86	10	17	8	7	3	57	15	334	2	4	0	6
6:30P																	
6:45P																	
7:00P	24	3	31	23	56	1	12	11	2	0	49	8	220	7	4	0	11
7:15P	26	6	40	23	48	2	0	9	0	2	42	17	215	8	4	0	12
7:30P	21	10	38	20	44	2	8	4	2	1	58	13	221	7	6	0	13
7:45P	16	4	31	18	35	3	6	5	4	1	34	8	165	1	2	0	3
8:00P	10	3	20	9	33	0	2	3	0	0	26	8	114	4	7	0	11
8:15P	16	5	19	20	39	2	4	6	4	3	32	5	155	3	2	0	5
8:30P	16	6	24	17	28	3	2	3	1	0	31	7	138	5	2	0	7
8:45P	19	5	20	13	34	0	4	3	0	1	29	4	132	2	3	0	5
9:00P	11	4	20	18	41	4	3	2	0	0	28	6	137	3	5	0	8
9:15P	7	2	27	11	30	5	7	1	0	2	26	5	123	1	2	0	3
9:30P	10	3	16	9	23	1	4	4	0	1	23	5	99	2	5	0	7
9:45P	15	1	15	6	19	3	1	1	2	1	25	6	95	1	1	0	2
15.00-HOUR TOTALS	1460	440	2216	2052	4787	303	505	728	251	135	3841	809	17527	917	511	1	1429
24-HOUR PROJECTION	1700	515	2580	2389	5573	354	591	851	294	158	4472	942	20419	972	664	1	1638
AM PEAK HOUR BEGINS AT 7:45A TOTALS	66	33	98	211	427	29	34	62	17	8	353	67	1405	95	51	0	146
PM PEAK HOUR BEGINS AT 4:45P TOTALS	153	40	322	158	405	29	50	49	27	16	393	68	1710	39	32	0	71

SHORT LABEL		ROAD, STREET or DRIVEWAY
US23BUS	=	US 23 BUS/NC 107
US23	=	US 23-441
SR1514	=	SR 1514 HAYWOOD RD

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
	17527	1405	AM: 7% PM: 8%
	PROJECTED 24-HOUR TOTAL	PM PEAK VOLUME AT 4:45P	PEAK HOUR FACTORS
	20419	1710	AM: 0.87 PM: 0.95

TRUCKS TOTALS ON SOUTHEAST APPROACH OF US 23-441

	DUALS	TTSTS	TWINS	TOTAL TRUCKS
SURVEY	917	511	1	1429
PROJECTED	972	664	1	1638
PERCENTAGE	6.1%	4.2%	0.0%	10.3

TOTALS AND FACTORS BY APPROACH:	A = NORTHEAST APPR. OF US 23 BUS/NC 107		B = SOUTHEAST APPR. OF US 23-441		C = SOUTHWEST APPR. OF SR 1514 HAYWOOD RD		D = NORTHWEST APPR. OF US 23-441	
ALL HOURS IN SURVEY	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.	SURVEY	PROJ. 24-HR.
ENT. VOL.	4116	4795	7142	8317	1484	1736	4785	5572
EXT. VOL.	3589	4183	6562	7643	878	1027	6498	7567
TOTAL VOL.	7705	8977	13704	15960	2362	2763	11283	13139
AM PEAK	HOUR BEGINS:	11:30A	HOUR BEGINS:	7:30A	HOUR BEGINS:	11:30A	HOUR BEGINS:	7:30A
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	297	49%	648	56%	121	61%	452	47%
EXT. VOL.	312	51%	509	44%	76	39%	501	53%
TOTAL VOL.	609	---	1157	---	197	---	953	---
	% 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%	0.94	7%	0.87	7%	0.83	7%	0.86
PM PEAK	HOUR BEGINS:	4:45P	HOUR BEGINS:	4:45P	HOUR BEGINS:	12:45P	HOUR BEGINS:	4:45P
	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.	SURVEY	DIR. DIST.
ENT. VOL.	515	65%	592	44%	147	63%	477	45%
EXT. VOL.	275	35%	765	56%	85	37%	585	55%
TOTAL VOL.	790	---	1357	---	232	---	1062	---
	% 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	9%	0.92	9%	0.96	8%	0.85	8%	0.92

TURNING MOVEMENT SUMMARY
Section 3: 24-Hour Counts Diagram

```
NORTHWEST APPROACH                                                    NORTHEAST APPROACH
      US23                                                                  US23BUS
      +------+                                                          +------+
      |13139 |                                                          | 8977 |
      +------+          942                                     1700   +------+
             4472          Left                          Right      515
        158          Thru                                     Thru        2580
             Right                                                 Left

                                  TOTAL ENTERING VOLUME:

                                      ++======++
                                      ||20419 ||
                                      ++======++

             Left                                                  Right
        294          Thru                                     Thru        2389
             851          Right                         Left        5573
      +------+          591                                      354   +------+
      | 2763 |                                                        |15960 |
      +------+                                                        +------+
      SR1514                                                                US23
SOUTHWEST APPROACH                                                    SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 4: AM Peak Hour Diagram
7:45A

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NORTHWEST APPROACH                                                    NORTHEAST APPROACH
     US23                                                                   US23BUS
     +------+                                                          +------+
     |  938 |                                                          |  537 |
     +------+          67                                        66    +------+
            353        Left                                Right      33
         8        Thru                                          Thru        98
            Right                                                    Left

                                  TOTAL ENTERING VOLUME:

                                     ++======++
                                     || 1405 ||
                                     ++======++

            Left                                                    Right
        17        Thru                                          Thru        211
            62        Right                                Left      427
     +------+          34                                        29    +------+
     |  183 |                                                          | 1152 |
     +------+                                                          +------+
     SR1514                                                                 US23
SOUTHWEST APPROACH                                                    SOUTHEAST APPROACH
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TURNING MOVEMENT SUMMARY
Section 5: PM Peak Hour Diagram
4:45P

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NORTHWEST APPROACH                                                    NORTHEAST APPROACH
     US23                                                                   US23BUS
     +------+                                                          +------+
     | 1062 |                                                          |  790 |
     +------+          68                                      153     +------+
            393        Left                          Right        40
        16        Thru                                    Thru        322
            Right                                                Left

                                TOTAL ENTERING VOLUME:

                                   ++======++
                                   || 1710 ||
                                   ++======++

            Left                                                 Right
        27        Thru                                    Thru        158
            49        Right                         Left        405
     +------+          50                                      29     +------+
     |  211 |                                                          | 1357 |
     +------+                                                          +------+
     SR1514                                                                 US23
SOUTHWEST APPROACH                                                    SOUTHEAST APPROACH
```