

<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>OFF-PEAK DAY 2 LANE CLOSURE</b> <b>DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH							
	MAIN ROUTE		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	316	0.0	23	0.0	OFF	316	0	23	0.00	0	70.2	70.2	70.2	39.4	39.4
1-2 AM	258	0.0	19	0.0	OFF	258	0	19	0.00	0	70.2	70.2	70.2	39.5	39.5
2-3 AM	231	0.0	17	0.0	OFF	231	0	17	0.00	0	70.2	70.2	70.2	39.6	39.6
3-4 AM	239	0.0	17	0.0	OFF	239	0	17	0.00	0	70.2	70.2	70.2	39.6	39.6
4-5 AM	287	0.0	21	0.0	OFF	287	0	21	0.00	0	70.2	70.2	70.2	39.5	39.5
5-6 AM	452	0.0	33	0.0	OFF	452	0	33	0.00	0	70.2	70.2	70.2	39.3	39.3
6-7 AM	819	0.0	61	0.0	OFF	819	0	61	0.00	0	69.7	69.7	69.7	39.0	39.0
7-8 AM	1224	0.0	90	0.0	OFF	1224	0	90	0.00	0	69.2	69.2	69.2	38.6	38.6
8-9 AM	1342	0.0	99	0.0	OFF	1342	0	99	0.00	0	69.1	69.1	69.1	38.5	38.5
9-10 AM	1400	0.0	104	0.0	1500	1400	0	104	0.97	0	69.0	62.7	33.0	38.4	38.4
10-11 AM	1477	0.0	109	0.0	1499	1477	0	109	1.07	0	68.9	62.0	31.2	38.4	38.4
11A-NOON	1495	0.0	111	0.0	1499	1495	0	111	1.11	0	68.9	61.8	30.9	38.4	38.4
NOON-1PM	1559	0.0	115	0.0	1500	1559	0	115	2.10	27	68.8	56.5	30.8	38.3	38.3
1-2 PM	1655	0.0	122	0.0	1500	1655	0	122	6.06	134	68.7	42.2	30.8	38.3	38.3
2-3 PM	1722	0.0	127	0.0	1500	1722	0	127	13.12	321	68.6	29.2	30.8	38.2	38.2
3-4 PM	1866	0.0	138	0.0	1500	1866	0	138	24.07	613	68.4	19.7	30.8	38.0	38.0
4-5 PM	1999	0.0	147	0.0	OFF	1999	0	147	0.96	81	68.2	62.2	62.2	37.9	37.9
5-6 PM	1827	0.0	135	0.0	OFF	1827	0	135	0.00	0	68.4	68.4	68.4	38.1	38.1
6-7 PM	1358	0.0	99	0.0	OFF	1358	0	99	0.00	0	69.1	69.1	69.1	38.5	38.5
7-8 PM	1069	0.0	78	0.0	OFF	1069	0	78	0.00	0	69.4	69.4	69.4	38.8	38.8
8-9 PM	905	0.0	67	0.0	OFF	905	0	67	0.00	0	69.6	69.6	69.6	38.9	38.9
9-10 PM	792	0.0	58	0.0	OFF	792	0	58	0.00	0	69.7	69.7	69.7	39.0	39.0
10-11 PM	617	0.0	46	0.0	OFF	617	0	46	0.00	0	70.0	70.0	70.0	39.2	39.2
11PM-MID	484	0.0	36	0.0	OFF	484	0	36	0.00	0	70.1	70.1	70.1	39.3	39.3

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0448
MAIN ROUTE WITH WORKS	0.0441
DIVERSION	0.0609

PIA: Personal Injury Accidents

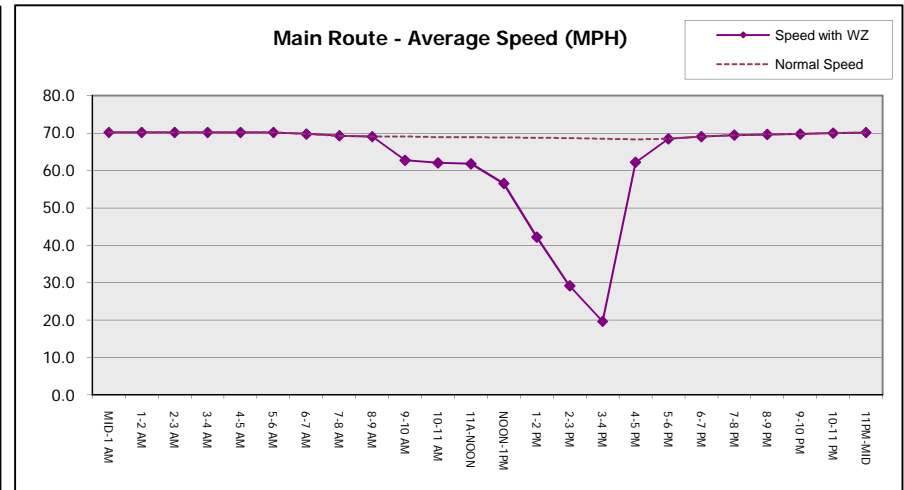
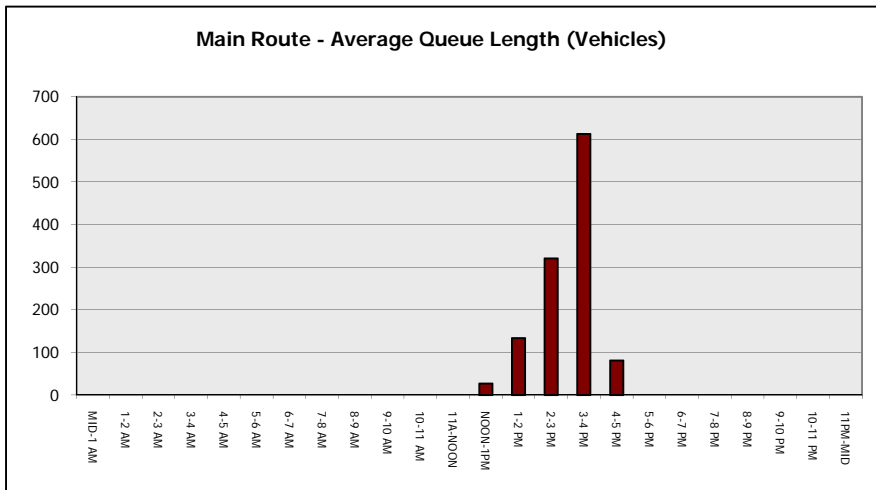
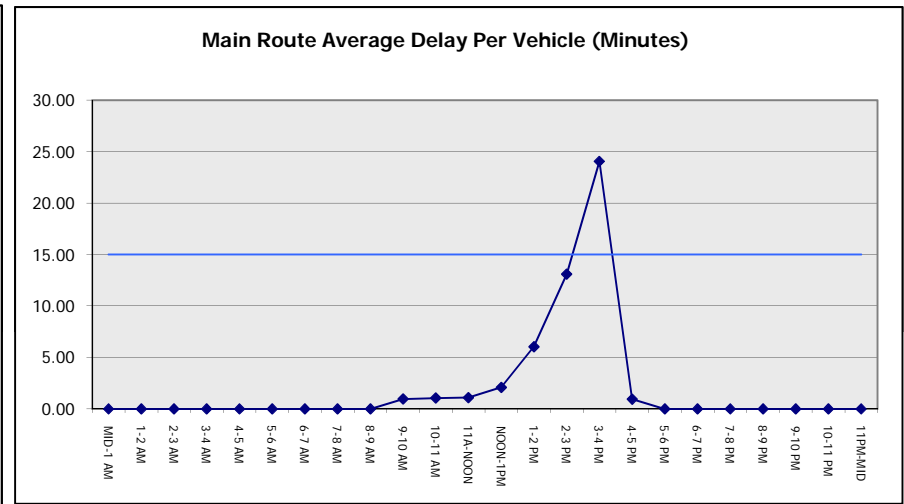
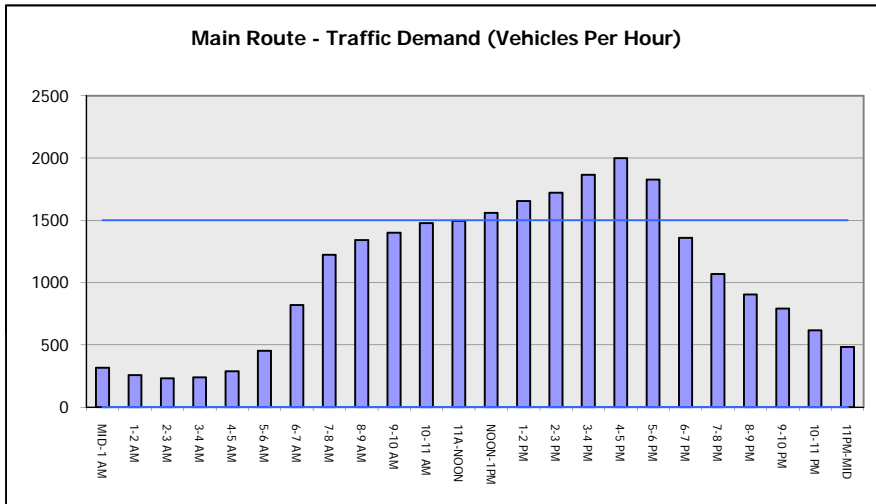
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$15,558
CONGESTED HOURS PER DAY*	1

\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)**  
**OFF-PEAK DAY 2 LANE CLOSURE**  
**DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR WESTBOUND DIRECTION**



<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>OFF-PEAK DAY 2 LANE CLOSURE</b> <b>DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			AVERAGE SPEEDS IN MPH				
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	303	0.0	22	0.0	OFF	303	0	22	0.00	0	70.2	70.2	70.2	39.5	39.5
1-2 AM	247	0.0	18	0.0	OFF	247	0	18	0.00	0	70.2	70.2	70.2	39.5	39.5
2-3 AM	245	0.0	18	0.0	OFF	245	0	18	0.00	0	70.2	70.2	70.2	39.5	39.5
3-4 AM	275	0.0	20	0.0	OFF	275	0	20	0.00	0	70.2	70.2	70.2	39.5	39.5
4-5 AM	375	0.0	27	0.0	OFF	375	0	27	0.00	0	70.2	70.2	70.2	39.4	39.4
5-6 AM	762	0.0	56	0.0	OFF	762	0	56	0.00	0	69.8	69.8	69.8	39.1	39.1
6-7 AM	1176	0.0	87	0.0	OFF	1176	0	87	0.00	0	69.2	69.2	69.2	38.7	38.7
7-8 AM	1242	0.0	91	0.0	OFF	1242	0	91	0.00	0	69.2	69.2	69.2	38.6	38.6
8-9 AM	1222	0.0	90	0.0	OFF	1222	0	90	0.00	0	69.2	69.2	69.2	38.6	38.6
9-10 AM	1354	0.0	99	0.0	1499	1354	0	99	0.91	0	69.1	63.1	34.1	38.5	38.5
10-11 AM	1510	0.0	111	0.0	1499	1510	0	111	1.29	5	68.9	60.8	31.1	38.4	38.4
11A-NOON	1628	0.0	119	0.0	1500	1628	0	119	4.04	80	68.7	48.5	30.8	38.3	38.3
NOON-1PM	1700	0.0	124	0.0	1500	1700	0	124	10.31	247	68.6	33.3	30.8	38.2	38.2
1-2 PM	1737	0.0	127	0.0	1500	1737	0	127	18.58	464	68.6	23.5	30.8	38.2	38.2
2-3 PM	1862	0.0	136	0.0	1500	1862	0	136	29.85	762	68.4	16.8	30.8	38.1	38.1
3-4 PM	1936	0.0	142	0.0	1499	1596	340	482	39.47	1006	68.3	13.5	30.8	38.0	33.8
4-5 PM	1971	0.0	145	0.0	OFF	1971	0	145	1.55	135	68.3	58.9	58.9	37.9	37.9
5-6 PM	1737	0.0	127	0.0	OFF	1737	0	127	0.00	0	68.6	68.6	68.6	38.2	38.2
6-7 PM	1425	0.0	105	0.0	OFF	1425	0	105	0.00	0	69.0	69.0	69.0	38.4	38.4
7-8 PM	1156	0.0	84	0.0	OFF	1156	0	84	0.00	0	69.3	69.3	69.3	38.7	38.7
8-9 PM	968	0.0	71	0.0	OFF	968	0	71	0.00	0	69.6	69.6	69.6	38.9	38.9
9-10 PM	796	0.0	59	0.0	OFF	796	0	59	0.00	0	69.7	69.7	69.7	39.0	39.0
10-11 PM	620	0.0	46	0.0	OFF	620	0	46	0.00	0	70.0	70.0	70.0	39.2	39.2
11PM-MID	413	0.0	30	0.0	OFF	413	0	30	0.00	0	70.2	70.2	70.2	39.4	39.4

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0471
MAIN ROUTE WITH WORKS	0.0457
DIVERSION	0.0747

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$34,671
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)**  
**OFF-PEAK DAY 2 LANE CLOSURE**  
**DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

