

<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>NIGHTTIME 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**

**FRIDAY 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	430	0.0	31	0.0	1500	430	0	32	0.53	0	70.2	66.4	43.8	39.4	39.4
1-2 AM	327	0.0	24	0.0	1500	327	0	24	0.51	0	70.2	66.6	44.2	39.4	39.4
2-3 AM	308	0.0	22	0.0	1500	308	0	22	0.51	0	70.2	66.6	44.3	39.5	39.5
3-4 AM	284	0.0	21	0.0	1500	284	0	21	0.51	0	70.2	66.6	44.3	39.5	39.5
4-5 AM	366	0.0	27	0.0	1500	366	0	27	0.52	0	70.2	66.6	44.0	39.4	39.4
5-6 AM	592	0.0	44	0.0	OFF	592	0	44	0.00	0	70.0	70.0	70.0	39.2	39.2
6-7 AM	1001	0.0	74	0.0	OFF	1001	0	74	0.00	0	69.5	69.5	69.5	38.8	38.8
7-8 AM	1550	0.0	115	0.0	OFF	1550	0	115	0.00	0	68.8	68.8	68.8	38.3	38.3
8-9 AM	1780	0.0	131	0.0	OFF	1780	0	131	0.00	0	68.5	68.5	68.5	38.1	38.1
9-10 AM	2042	0.0	151	0.0	OFF	2042	0	151	0.00	0	68.2	68.2	68.2	37.9	37.9
10-11 AM	2249	0.0	166	0.0	OFF	2249	0	166	0.00	0	67.9	67.9	67.9	37.7	37.7
11A-NOON	2430	0.0	180	0.0	OFF	2430	0	180	0.00	0	67.7	67.7	67.7	37.5	37.5
NOON-1PM	2501	0.0	185	0.0	OFF	2501	0	185	0.00	0	67.6	67.6	67.6	37.4	37.4
1-2 PM	2843	0.0	210	0.0	OFF	2843	0	210	0.00	0	67.2	67.2	67.2	37.1	37.1
2-3 PM	3222	0.0	237	0.0	OFF	3222	0	237	0.00	0	66.8	66.8	66.8	36.8	36.8
3-4 PM	3474	0.0	257	0.0	OFF	3474	0	257	0.00	0	66.4	66.4	66.4	36.6	36.6
4-5 PM	3739	0.0	276	0.0	OFF	3739	0	276	0.00	0	65.3	65.3	65.3	36.3	36.3
5-6 PM	3794	0.0	280	0.0	OFF	3794	0	280	0.00	0	65.0	65.0	65.0	36.3	36.3
6-7 PM	3530	0.0	261	0.0	OFF	3530	0	261	0.00	0	66.3	66.3	66.3	36.5	36.5
7-8 PM	3003	0.0	221	0.0	1499	2804	199	420	25.29	741	67.0	18.9	30.8	37.0	34.5
8-9 PM	2260	0.0	166	0.0	1499	1432	828	995	50.85	1306	67.9	11.0	30.8	37.7	27.4
9-10 PM	1747	0.0	129	0.0	1499	1220	526	655	42.85	1098	68.6	12.7	30.8	38.1	31.6
10-11 PM	1248	0.0	92	0.0	1499	1189	58	150	32.03	814	69.2	16.0	30.8	38.6	37.9
11PM-MID	856	0.0	63	0.0	1499	856	0	63	11.88	349	69.7	31.1	36.3	38.9	38.9

"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	0.0805
MAIN ROUTE WITH WORKS	0.0770
DIVERSION	0.1620

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$86,494
CONGESTED HOURS PER DAY*	4

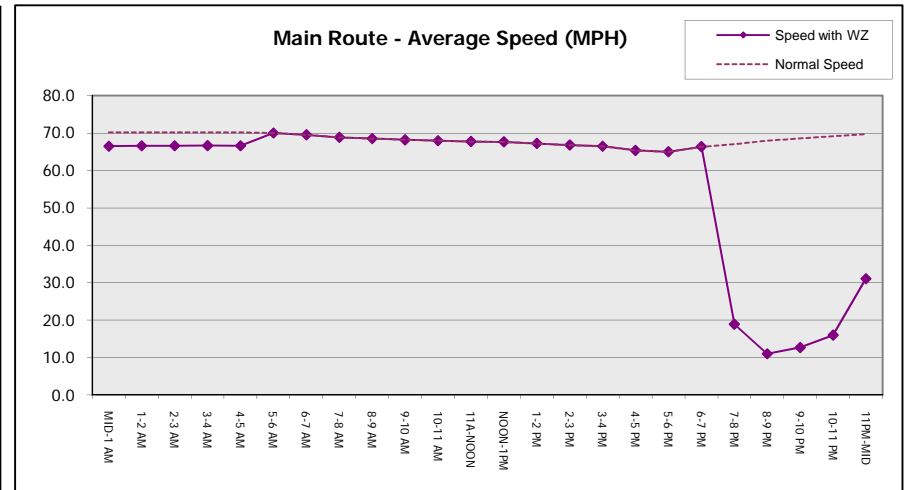
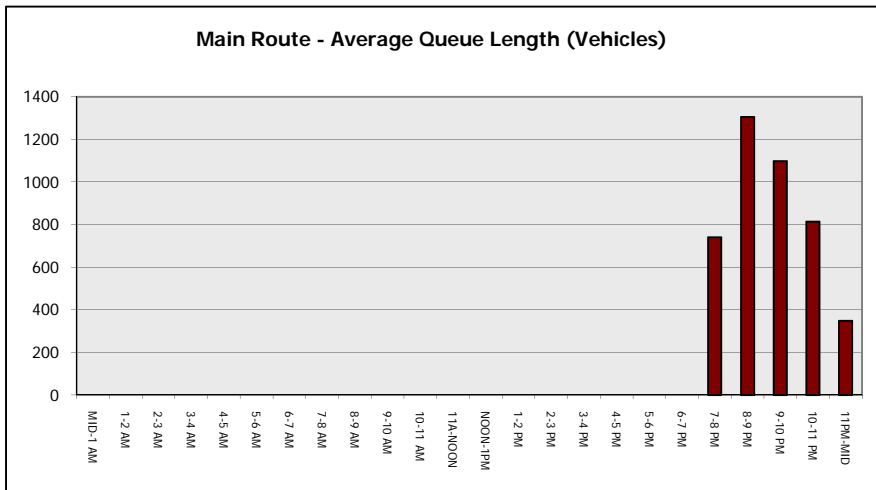
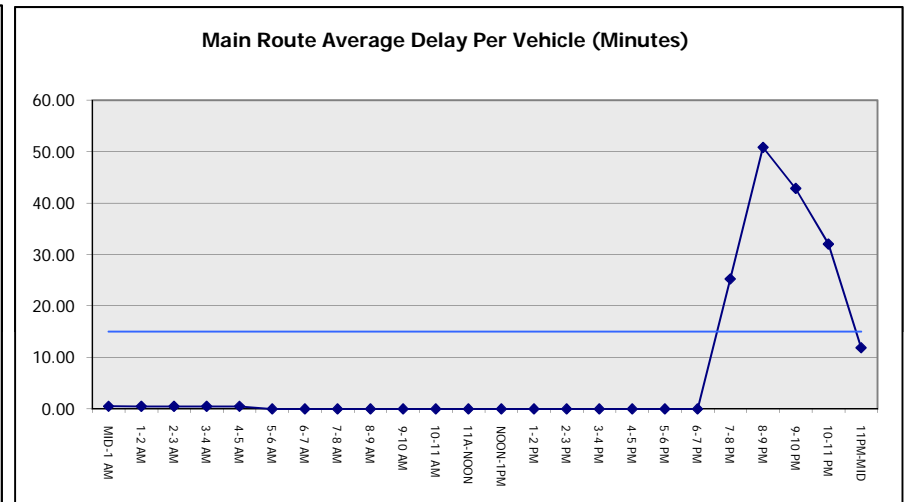
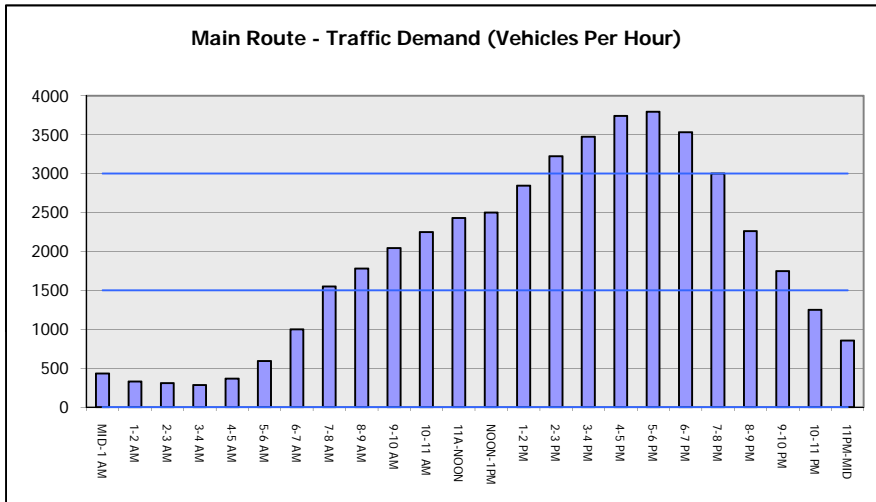
\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)**  
**NIGHTTIME 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**

**FRIDAY WESTBOUND DIRECTION**



<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>NIGHTTIME 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**

FRIDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								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		SITE	ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN	
MID-1 AM	336	0.0	24	0.0	1500	336	0	24	0.51	0	70.2	66.6	44.2	39.4	39.4	
1-2 AM	281	0.0	20	0.0	1500	281	0	20	0.51	0	70.2	66.6	44.3	39.5	39.5	
2-3 AM	280	0.0	20	0.0	1500	280	0	20	0.51	0	70.2	66.6	44.3	39.5	39.5	
3-4 AM	306	0.0	22	0.0	1500	306	0	22	0.51	0	70.2	66.6	44.3	39.5	39.5	
4-5 AM	391	0.0	28	0.0	1500	391	0	28	0.52	0	70.2	66.5	43.9	39.4	39.4	
5-6 AM	705	0.0	52	0.0	OFF	705	0	52	0.00	0	69.9	69.9	69.9	39.1	39.1	
6-7 AM	1091	0.0	80	0.0	OFF	1091	0	80	0.00	0	69.4	69.4	69.4	38.8	38.8	
7-8 AM	1209	0.0	89	0.0	OFF	1209	0	89	0.00	0	69.2	69.2	69.2	38.6	38.6	
8-9 AM	1202	0.0	88	0.0	OFF	1202	0	88	0.00	0	69.2	69.2	69.2	38.6	38.6	
9-10 AM	1365	0.0	100	0.0	OFF	1365	0	100	0.00	0	69.1	69.1	69.1	38.5	38.5	
10-11 AM	1601	0.0	118	0.0	OFF	1601	0	118	0.00	0	68.7	68.7	68.7	38.3	38.3	
11A-NOON	1705	0.0	126	0.0	OFF	1705	0	126	0.00	0	68.6	68.6	68.6	38.2	38.2	
NOON-1PM	1842	0.0	136	0.0	OFF	1842	0	136	0.00	0	68.4	68.4	68.4	38.1	38.1	
1-2 PM	1988	0.0	147	0.0	OFF	1988	0	147	0.00	0	68.2	68.2	68.2	37.9	37.9	
2-3 PM	2273	0.0	167	0.0	OFF	2273	0	167	0.00	0	67.9	67.9	67.9	37.7	37.7	
3-4 PM	2261	0.0	167	0.0	OFF	2261	0	167	0.00	0	67.9	67.9	67.9	37.7	37.7	
4-5 PM	2308	0.0	170	0.0	OFF	2308	0	170	0.00	0	67.9	67.9	67.9	37.6	37.6	
5-6 PM	2174	0.0	160	0.0	OFF	2174	0	160	0.00	0	68.1	68.1	68.1	37.8	37.8	
6-7 PM	1822	0.0	135	0.0	OFF	1822	0	135	0.00	0	68.5	68.5	68.5	38.1	38.1	
7-8 PM	1603	0.0	119	0.0	1499	1603	0	119	3.53	65	68.7	50.4	30.8	38.3	38.3	
8-9 PM	1364	0.0	100	0.0	1499	1364	0	100	2.77	50	69.1	53.7	32.5	38.5	38.5	
9-10 PM	1198	0.0	88	0.0	1500	1198	0	88	0.70	0	69.2	64.5	38.5	38.6	38.6	
10-11 PM	887	0.0	66	0.0	1500	887	0	66	0.57	0	69.6	65.7	42.1	38.9	38.9	
11PM-MID	541	0.0	40	0.0	1500	541	0	40	0.54	0	70.0	66.3	43.3	39.2	39.2	

"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	0.0543
MAIN ROUTE WITH WORKS	0.0538
DIVERSION	0.0737

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,247
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)**  
**NIGHTTIME 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**  
**FRIDAY EASTBOUND DIRECTION**

