

<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**

**SATURDAY 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	547	0.0	41	0.0	1500	547	0	41	0.54	0	70.0	66.3	43.3	39.2	39.2
1-2 AM	377	0.0	27	0.0	1500	377	0	27	0.52	0	70.2	66.5	44.0	39.4	39.4
2-3 AM	276	0.0	20	0.0	1500	276	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
3-4 AM	274	0.0	20	0.0	1500	274	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
4-5 AM	302	0.0	22	0.0	1500	302	0	22	0.51	0	70.2	66.6	44.3	39.5	39.5
5-6 AM	485	0.0	36	0.0	1500	485	0	36	0.53	0	70.1	66.4	43.6	39.3	39.3
6-7 AM	875	0.0	65	0.0	1500	875	0	65	0.57	0	69.7	65.7	42.1	38.9	38.9
7-8 AM	1498	0.0	111	0.0	1499	1498	0	111	1.63	18	68.9	58.9	32.5	38.4	38.4
8-9 AM	2061	0.0	152	0.0	OFF	2061	0	152	0.02	0	68.2	68.1	68.1	37.9	37.9
9-10 AM	2471	0.0	183	0.0	OFF	2471	0	183	0.00	0	67.7	67.7	67.7	37.4	37.4
10-11 AM	2639	0.0	195	0.0	OFF	2639	0	195	0.00	0	67.4	67.4	67.4	37.3	37.3
11A-NOON	2589	0.0	191	0.0	OFF	2589	0	191	0.00	0	67.5	67.5	67.5	37.4	37.4
NOON-1PM	2408	0.0	178	0.0	OFF	2408	0	178	0.00	0	67.8	67.8	67.8	37.5	37.5
1-2 PM	2261	0.0	167	0.0	OFF	2261	0	167	0.00	0	67.9	67.9	67.9	37.7	37.7
2-3 PM	2150	0.0	158	0.0	OFF	2150	0	158	0.00	0	68.1	68.1	68.1	37.8	37.8
3-4 PM	1896	0.0	140	0.0	OFF	1896	0	140	0.00	0	68.4	68.4	68.4	38.0	38.0
4-5 PM	1735	0.0	128	0.0	OFF	1735	0	128	0.00	0	68.6	68.6	68.6	38.1	38.1
5-6 PM	1555	0.0	115	0.0	OFF	1555	0	115	0.00	0	68.8	68.8	68.8	38.3	38.3
6-7 PM	1295	0.0	95	0.0	1500	1295	0	95	0.83	0	69.1	63.7	35.6	38.6	38.6
7-8 PM	1071	0.0	79	0.0	1500	1071	0	79	0.59	0	69.4	65.3	41.4	38.8	38.8
8-9 PM	829	0.0	61	0.0	1500	829	0	61	0.57	0	69.7	65.8	42.3	39.0	39.0
9-10 PM	702	0.0	52	0.0	1500	702	0	52	0.55	0	69.9	66.0	42.7	39.1	39.1
10-11 PM	568	0.0	42	0.0	1500	568	0	42	0.54	0	70.0	66.3	43.2	39.2	39.2
11PM-MID	383	0.0	28	0.0	1500	383	0	28	0.52	0	70.2	66.5	44.0	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	0.0552
MAIN ROUTE WITH WORKS	0.0546
DIVERSION	0.0750

PIA: Personal Injury Accidents

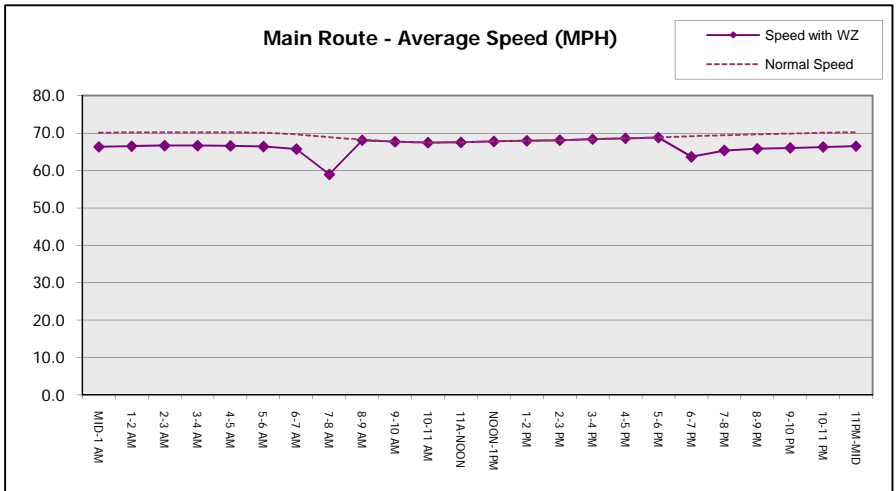
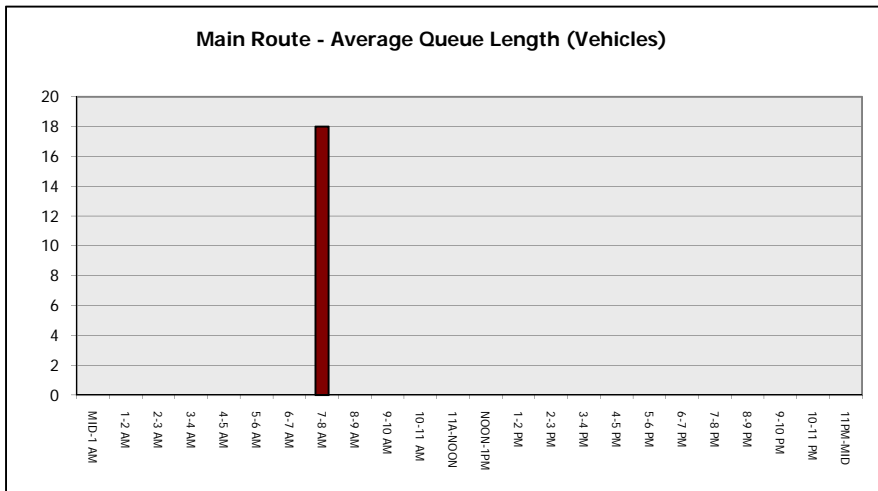
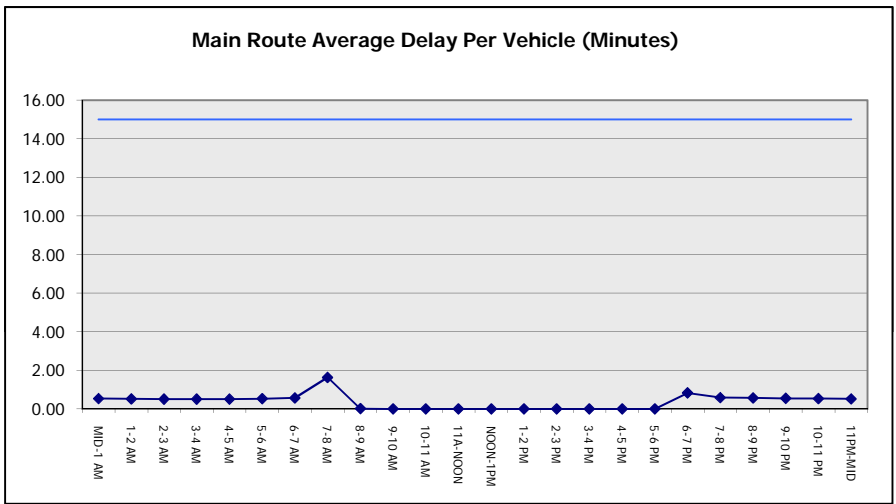
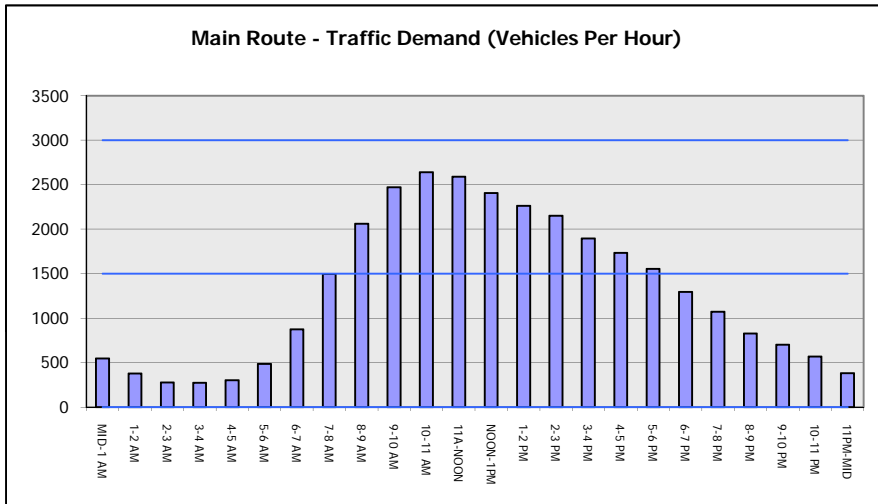
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,559
CONGESTED HOURS PER DAY*	0

\*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**  
**SATURDAY 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**

SATURDAY 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	378	0.0	27	0.0	1500	378	0	27	0.52	0	70.2	66.5	44.0	39.4	39.4
1-2 AM	279	0.0	20	0.0	1500	279	0	20	0.51	0	70.2	66.6	44.3	39.5	39.5
2-3 AM	276	0.0	20	0.0	1500	276	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
3-4 AM	287	0.0	21	0.0	1500	287	0	21	0.51	0	70.2	66.6	44.3	39.5	39.5
4-5 AM	269	0.0	20	0.0	1500	269	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
5-6 AM	331	0.0	24	0.0	1500	331	0	24	0.51	0	70.2	66.6	44.2	39.4	39.4
6-7 AM	498	0.0	37	0.0	1500	498	0	37	0.53	0	70.1	66.4	43.5	39.3	39.3
7-8 AM	744	0.0	55	0.0	1500	744	0	55	0.56	0	69.8	66.0	42.6	39.1	39.1
8-9 AM	1084	0.0	80	0.0	OFF	1084	0	80	0.00	0	69.4	69.4	69.4	38.8	38.8
9-10 AM	1422	0.0	105	0.0	OFF	1422	0	105	0.00	0	69.0	69.0	69.0	38.4	38.4
10-11 AM	1763	0.0	130	0.0	OFF	1763	0	130	0.00	0	68.6	68.6	68.6	38.1	38.1
11A-NOON	1888	0.0	139	0.0	OFF	1888	0	139	0.00	0	68.4	68.4	68.4	38.0	38.0
NOON-1PM	1862	0.0	137	0.0	OFF	1862	0	137	0.00	0	68.4	68.4	68.4	38.1	38.1
1-2 PM	1882	0.0	139	0.0	OFF	1882	0	139	0.00	0	68.4	68.4	68.4	38.0	38.0
2-3 PM	1845	0.0	136	0.0	OFF	1845	0	136	0.00	0	68.4	68.4	68.4	38.1	38.1
3-4 PM	1809	0.0	134	0.0	OFF	1809	0	134	0.00	0	68.5	68.5	68.5	38.1	38.1
4-5 PM	1702	0.0	126	0.0	OFF	1702	0	126	0.00	0	68.6	68.6	68.6	38.2	38.2
5-6 PM	1562	0.0	116	0.0	OFF	1562	0	116	0.00	0	68.8	68.8	68.8	38.3	38.3
6-7 PM	1353	0.0	99	0.0	1500	1353	0	99	0.91	0	69.1	63.1	34.2	38.5	38.5
7-8 PM	1201	0.0	88	0.0	1500	1201	0	88	0.71	0	69.2	64.5	38.4	38.6	38.6
8-9 PM	1075	0.0	79	0.0	1500	1075	0	79	0.59	0	69.4	65.3	41.4	38.8	38.8
9-10 PM	901	0.0	67	0.0	1500	901	0	67	0.58	0	69.6	65.6	42.0	38.9	38.9
10-11 PM	748	0.0	55	0.0	1500	748	0	55	0.56	0	69.8	66.0	42.6	39.1	39.1
11PM-MID	489	0.0	37	0.0	1500	489	0	37	0.53	0	70.1	66.4	43.5	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	0.0453
MAIN ROUTE WITH WORKS	0.0447
DIVERSION	0.0616

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,192
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**  
**SATURDAY EASTBOUND DIRECTION**

