

<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>OCTOBER</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	322	0.0	24	0.0	OFF	322	0	24	0.00	0	70.2	70.2	70.2	39.4	39.4
1-2 AM	261	0.0	19	0.0	OFF	261	0	19	0.00	0	70.2	70.2	70.2	39.5	39.5
2-3 AM	238	0.0	17	0.0	OFF	238	0	17	0.00	0	70.2	70.2	70.2	39.6	39.6
3-4 AM	242	0.0	18	0.0	OFF	242	0	18	0.00	0	70.2	70.2	70.2	39.5	39.5
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	456	0.0	33	0.0	OFF	456	0	33	0.00	0	70.2	70.2	70.2	39.3	39.3
6-7 AM	784	0.0	58	0.0	OFF	784	0	58	0.00	0	69.7	69.7	69.7	39.0	39.0
7-8 AM	1181	0.0	87	0.0	OFF	1181	0	87	0.00	0	69.2	69.2	69.2	38.7	38.7
8-9 AM	1267	0.0	93	0.0	OFF	1267	0	93	0.00	0	69.2	69.2	69.2	38.6	38.6
9-10 AM	1268	0.0	93	0.0	1500	1268	0	93	0.80	0	69.2	63.9	36.4	38.6	38.6
10-11 AM	1348	0.0	99	0.0	1500	1348	0	99	0.90	0	69.1	63.2	34.2	38.5	38.5
11A-NOON	1378	0.0	101	0.0	1500	1378	0	101	0.94	0	69.0	62.9	33.5	38.5	38.5
NOON-1PM	1391	0.0	102	0.0	1500	1391	0	102	0.96	0	69.0	62.8	33.2	38.5	38.5
1-2 PM	1454	0.0	107	0.0	1499	1454	0	107	1.04	0	68.9	62.2	31.7	38.4	38.4
2-3 PM	1535	0.0	113	0.0	1499	1535	0	113	1.44	9	68.8	59.9	30.8	38.3	38.3
3-4 PM	1713	0.0	126	0.0	1500	1713	0	126	5.77	130	68.6	43.0	30.8	38.2	38.2
4-5 PM	1880	0.0	139	0.0	OFF	1880	0	139	0.12	7	68.4	67.6	67.6	38.0	38.0
5-6 PM	1725	0.0	127	0.0	OFF	1725	0	127	0.00	0	68.6	68.6	68.6	38.2	38.2
6-7 PM	1316	0.0	96	0.0	OFF	1316	0	96	0.00	0	69.1	69.1	69.1	38.6	38.6
7-8 PM	1021	0.0	75	0.0	OFF	1021	0	75	0.00	0	69.5	69.5	69.5	38.8	38.8
8-9 PM	829	0.0	61	0.0	OFF	829	0	61	0.00	0	69.7	69.7	69.7	39.0	39.0
9-10 PM	729	0.0	54	0.0	OFF	729	0	54	0.00	0	69.8	69.8	69.8	39.1	39.1
10-11 PM	587	0.0	44	0.0	OFF	587	0	44	0.00	0	70.0	70.0	70.0	39.2	39.2
11PM-MID	463	0.0	34	0.0	OFF	463	0	34	0.00	0	70.2	70.2	70.2	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	0.0418
MAIN ROUTE WITH WORKS	0.0411
DIVERSION	0.0568

PIA: Personal Injury Accidents

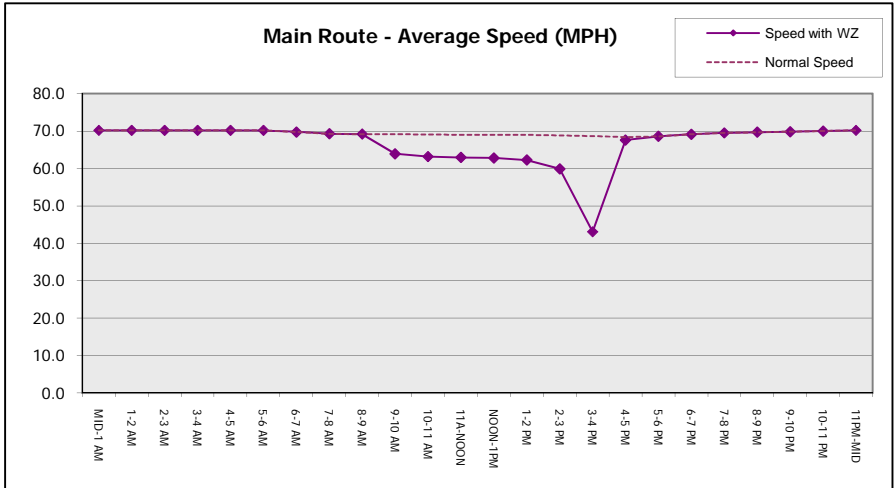
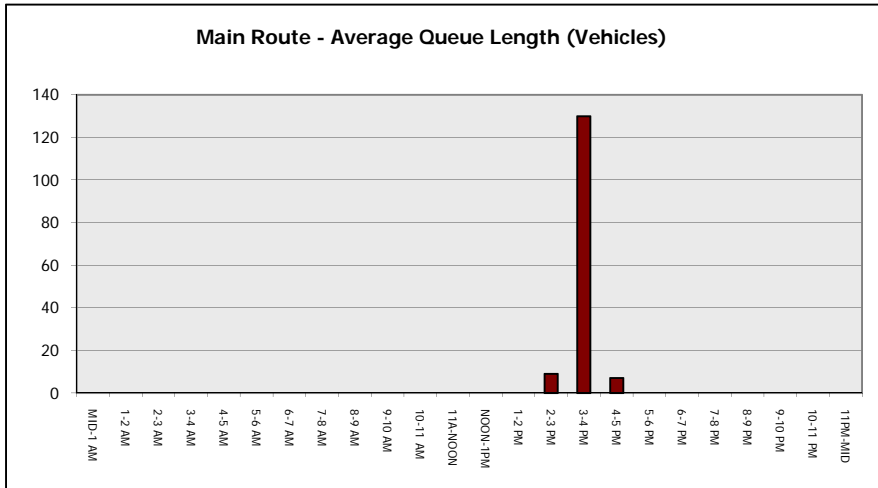
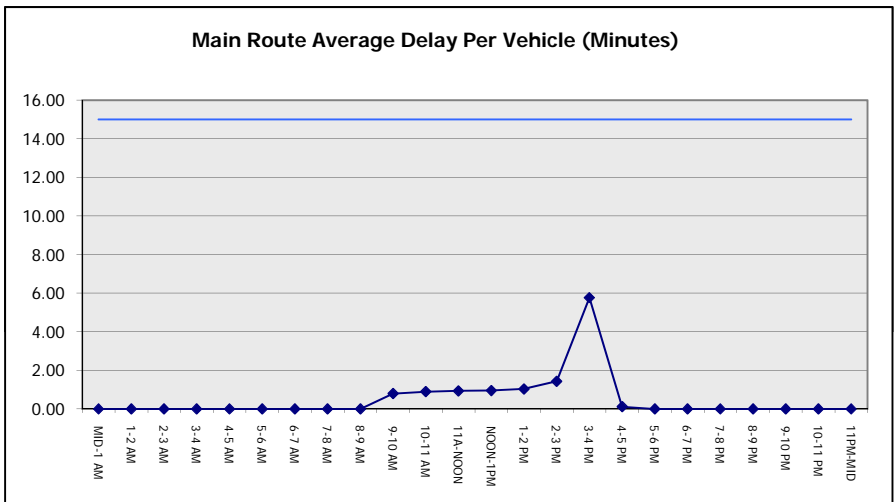
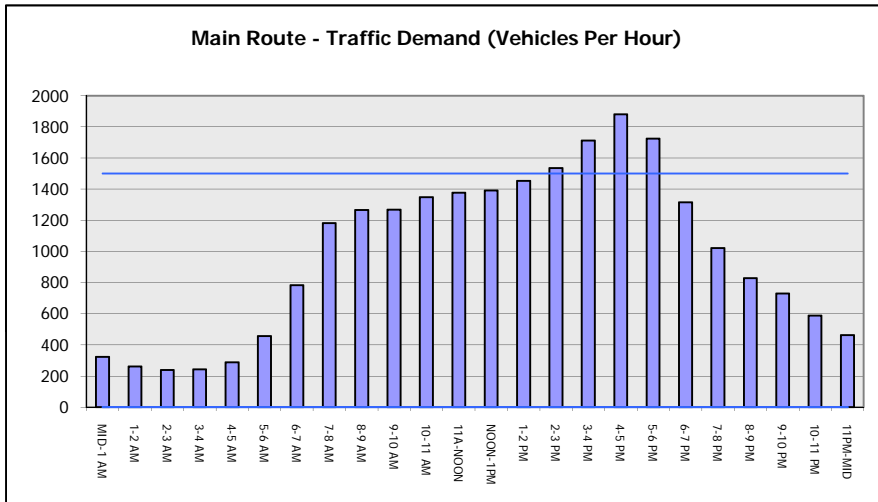
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,994
CONGESTED HOURS PER DAY*	0

\*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**

**OCTOBER**  
 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>OCTOBER</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						
	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	282	0.0	21	0.0	OFF	282	0	21	0.00	0	70.2	70.2	70.2	39.5	39.5
1-2 AM	240	0.0	17	0.0	OFF	240	0	17	0.00	0	70.2	70.2	70.2	39.6	39.6
2-3 AM	241	0.0	18	0.0	OFF	241	0	18	0.00	0	70.2	70.2	70.2	39.5	39.5
3-4 AM	285	0.0	21	0.0	OFF	285	0	21	0.00	0	70.2	70.2	70.2	39.5	39.5
4-5 AM	407	0.0	30	0.0	OFF	407	0	30	0.00	0	70.2	70.2	70.2	39.4	39.4
5-6 AM	761	0.0	56	0.0	OFF	761	0	56	0.00	0	69.8	69.8	69.8	39.1	39.1
6-7 AM	1201	0.0	88	0.0	OFF	1201	0	88	0.00	0	69.2	69.2	69.2	38.6	38.6
7-8 AM	1272	0.0	94	0.0	OFF	1272	0	94	0.00	0	69.2	69.2	69.2	38.6	38.6
8-9 AM	1192	0.0	88	0.0	OFF	1192	0	88	0.00	0	69.2	69.2	69.2	38.6	38.6
9-10 AM	1261	0.0	93	0.0	1500	1261	0	93	0.79	0	69.2	64.0	36.6	38.6	38.6
10-11 AM	1382	0.0	102	0.0	1499	1382	0	102	0.94	0	69.0	62.8	33.4	38.5	38.5
11A-NOON	1487	0.0	110	0.0	1499	1487	0	110	1.10	0	68.9	61.9	31.1	38.4	38.4
NOON-1PM	1528	0.0	113	0.0	1500	1528	0	113	1.55	11	68.8	59.4	30.8	38.3	38.3
1-2 PM	1632	0.0	121	0.0	1500	1632	0	121	4.38	89	68.7	47.3	30.8	38.3	38.3
2-3 PM	1742	0.0	128	0.0	1500	1742	0	128	11.34	276	68.6	31.6	30.8	38.1	38.1
3-4 PM	1825	0.0	135	0.0	1500	1825	0	135	22.17	562	68.4	20.9	30.8	38.1	38.1
4-5 PM	1868	0.0	138	0.0	OFF	1868	0	138	0.77	64	68.4	63.4	63.4	38.0	38.0
5-6 PM	1683	0.0	125	0.0	OFF	1683	0	125	0.00	0	68.6	68.6	68.6	38.2	38.2
6-7 PM	1301	0.0	96	0.0	OFF	1301	0	96	0.00	0	69.1	69.1	69.1	38.6	38.6
7-8 PM	1040	0.0	77	0.0	OFF	1040	0	77	0.00	0	69.4	69.4	69.4	38.8	38.8
8-9 PM	841	0.0	62	0.0	OFF	841	0	62	0.00	0	69.7	69.7	69.7	39.0	39.0
9-10 PM	717	0.0	53	0.0	OFF	717	0	53	0.00	0	69.9	69.9	69.9	39.1	39.1
10-11 PM	563	0.0	42	0.0	OFF	563	0	42	0.00	0	70.0	70.0	70.0	39.2	39.2
11PM-MID	392	0.0	28	0.0	OFF	392	0	28	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	0.0444
MAIN ROUTE WITH WORKS	0.0437
DIVERSION	0.0604

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$12,029
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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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

