

<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>CONTINUOUS (24 HOUR) 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	3000	322	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	261	0.0	19	0.0	3000	261	0	19	0.36	0	70.2	67.6	49.7	39.5	39.5
2-3 AM	238	0.0	17	0.0	3000	238	0	17	0.36	0	70.2	67.6	49.7	39.6	39.6
3-4 AM	242	0.0	18	0.0	3000	242	0	18	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	287	0.0	21	0.0	3000	287	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
5-6 AM	456	0.0	33	0.0	3000	456	0	33	0.36	0	70.2	67.6	49.7	39.3	39.3
6-7 AM	784	0.0	58	0.0	3000	784	0	58	0.35	0	69.7	67.3	49.7	39.0	39.0
7-8 AM	1181	0.0	87	0.0	3000	1181	0	87	0.35	0	69.2	66.8	49.7	38.7	38.7
8-9 AM	1267	0.0	93	0.0	3000	1267	0	93	0.35	0	69.2	66.8	49.7	38.6	38.6
9-10 AM	1268	0.0	93	0.0	3000	1268	0	93	0.35	0	69.2	66.8	49.7	38.6	38.6
10-11 AM	1348	0.0	99	0.0	3000	1348	0	99	0.35	0	69.1	66.7	49.7	38.5	38.5
11A-NOON	1378	0.0	101	0.0	3000	1378	0	101	0.34	0	69.0	66.6	49.7	38.5	38.5
NOON-1PM	1391	0.0	102	0.0	3000	1391	0	102	0.34	0	69.0	66.6	49.7	38.5	38.5
1-2 PM	1454	0.0	107	0.0	3000	1454	0	107	0.34	0	68.9	66.6	49.7	38.4	38.4
2-3 PM	1535	0.0	113	0.0	3000	1535	0	113	0.34	0	68.8	66.4	49.7	38.3	38.3
3-4 PM	1713	0.0	126	0.0	3000	1713	0	126	0.34	0	68.6	66.3	49.7	38.2	38.2
4-5 PM	1880	0.0	139	0.0	3000	1880	0	139	0.34	0	68.4	66.1	49.7	38.0	38.0
5-6 PM	1725	0.0	127	0.0	3000	1725	0	127	0.34	0	68.6	66.3	49.7	38.2	38.2
6-7 PM	1316	0.0	96	0.0	3000	1316	0	96	0.35	0	69.1	66.7	49.7	38.6	38.6
7-8 PM	1021	0.0	75	0.0	3000	1021	0	75	0.35	0	69.5	67.0	49.7	38.8	38.8
8-9 PM	829	0.0	61	0.0	3000	829	0	61	0.35	0	69.7	67.2	49.7	39.0	39.0
9-10 PM	729	0.0	54	0.0	3000	729	0	54	0.35	0	69.8	67.3	49.7	39.1	39.1
10-11 PM	587	0.0	44	0.0	3000	587	0	44	0.36	0	70.0	67.4	49.7	39.2	39.2
11PM-MID	463	0.0	34	0.0	3000	463	0	34	0.36	0	70.2	67.6	49.7	39.3	39.3

*----- 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	0.0403
DIVERSION	0.0568

PIA: Personal Injury Accidents

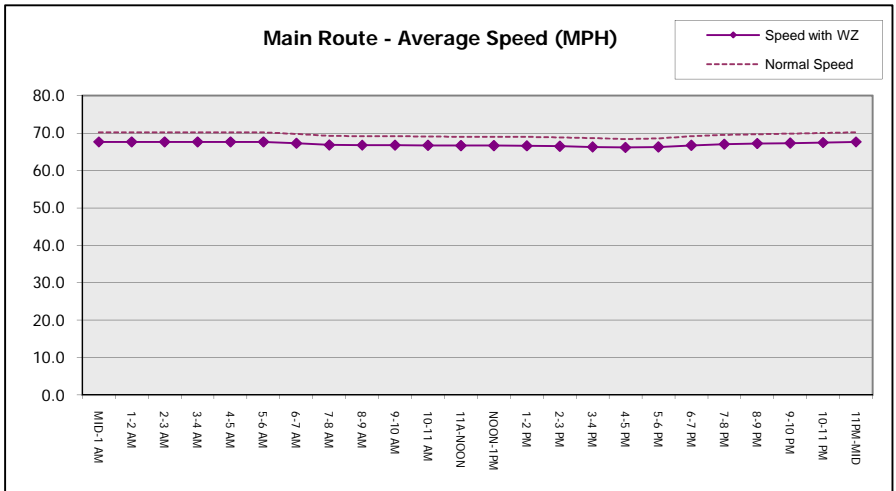
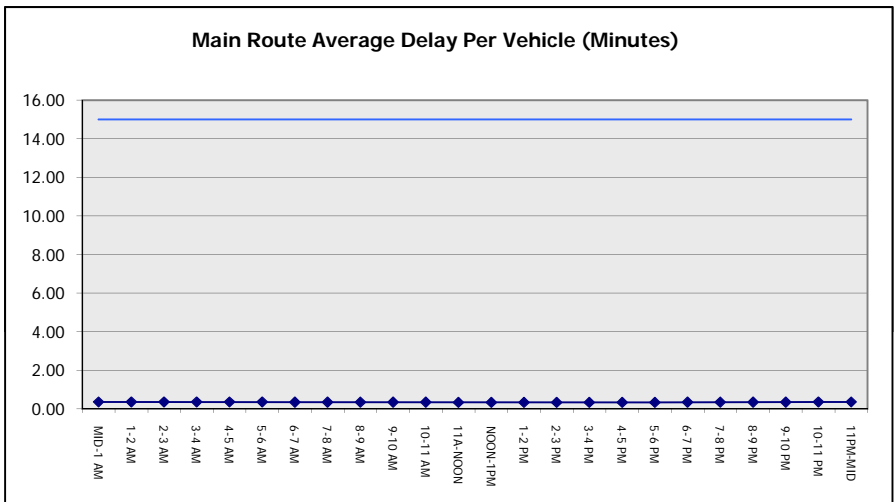
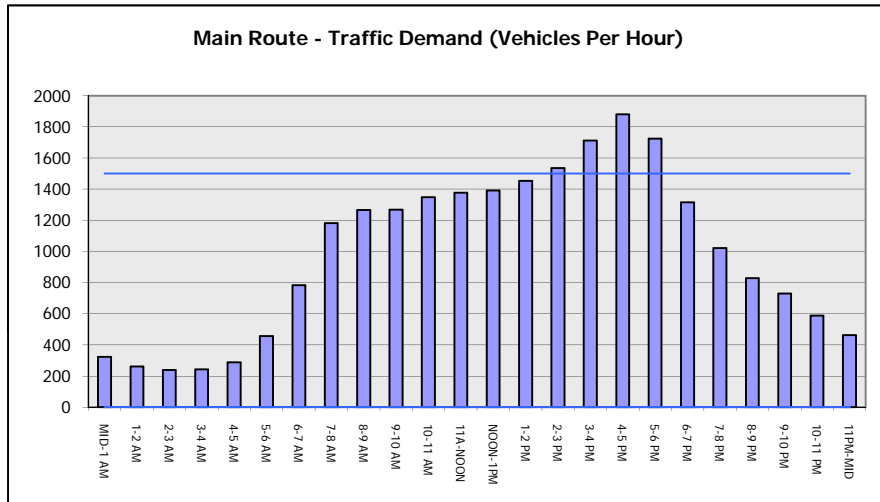
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,570
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)**  
**CONTINUOUS (24 HOUR) 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>CONTINUOUS (24 HOUR) 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	3000	282	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
1-2 AM	240	0.0	17	0.0	3000	240	0	17	0.36	0	70.2	67.6	49.7	39.6	39.6
2-3 AM	241	0.0	18	0.0	3000	241	0	18	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	285	0.0	21	0.0	3000	285	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	407	0.0	30	0.0	3000	407	0	30	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	761	0.0	56	0.0	3000	761	0	56	0.35	0	69.8	67.3	49.7	39.1	39.1
6-7 AM	1201	0.0	88	0.0	3000	1201	0	88	0.35	0	69.2	66.8	49.7	38.6	38.6
7-8 AM	1272	0.0	94	0.0	3000	1272	0	94	0.35	0	69.2	66.8	49.7	38.6	38.6
8-9 AM	1192	0.0	88	0.0	3000	1192	0	88	0.35	0	69.2	66.8	49.7	38.6	38.6
9-10 AM	1261	0.0	93	0.0	3000	1261	0	93	0.35	0	69.2	66.8	49.7	38.6	38.6
10-11 AM	1382	0.0	102	0.0	3000	1382	0	102	0.34	0	69.0	66.6	49.7	38.5	38.5
11A-NOON	1487	0.0	110	0.0	3000	1487	0	110	0.34	0	68.9	66.5	49.7	38.4	38.4
NOON-1PM	1528	0.0	113	0.0	3000	1528	0	113	0.34	0	68.8	66.5	49.7	38.3	38.3
1-2 PM	1632	0.0	121	0.0	3000	1632	0	121	0.34	0	68.7	66.4	49.7	38.3	38.3
2-3 PM	1742	0.0	128	0.0	3000	1742	0	128	0.34	0	68.6	66.3	49.7	38.1	38.1
3-4 PM	1825	0.0	135	0.0	3000	1825	0	135	0.34	0	68.4	66.2	49.7	38.1	38.1
4-5 PM	1868	0.0	138	0.0	3000	1868	0	138	0.34	0	68.4	66.1	49.7	38.0	38.0
5-6 PM	1683	0.0	125	0.0	3000	1683	0	125	0.34	0	68.6	66.3	49.7	38.2	38.2
6-7 PM	1301	0.0	96	0.0	3000	1301	0	96	0.35	0	69.1	66.7	49.7	38.6	38.6
7-8 PM	1040	0.0	77	0.0	3000	1040	0	77	0.35	0	69.4	67.0	49.7	38.8	38.8
8-9 PM	841	0.0	62	0.0	3000	841	0	62	0.35	0	69.7	67.2	49.7	39.0	39.0
9-10 PM	717	0.0	53	0.0	3000	717	0	53	0.36	0	69.9	67.3	49.7	39.1	39.1
10-11 PM	563	0.0	42	0.0	3000	563	0	42	0.36	0	70.0	67.5	49.7	39.2	39.2
11PM-MID	392	0.0	28	0.0	3000	392	0	28	0.36	0	70.2	67.6	49.7	39.4	39.4

*----- 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	0.0427
DIVERSION	0.0604

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,665
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39**

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

