

<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>AUGUST</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	411	0.0	30	0.0	3000	411	0	30	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	330	0.0	24	0.0	3000	330	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	268	0.0	20	0.0	3000	268	0	20	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	268	0.0	20	0.0	3000	268	0	20	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	308	0.0	22	0.0	3000	308	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
5-6 AM	479	0.0	36	0.0	3000	479	0	36	0.36	0	70.1	67.6	49.7	39.3	39.3
6-7 AM	843	0.0	62	0.0	3000	843	0	62	0.35	0	69.7	67.2	49.7	39.0	39.0
7-8 AM	1289	0.0	95	0.0	3000	1289	0	95	0.35	0	69.1	66.8	49.7	38.6	38.6
8-9 AM	1523	0.0	113	0.0	3000	1523	0	113	0.34	0	68.9	66.5	49.7	38.3	38.3
9-10 AM	1758	0.0	130	0.0	3000	1758	0	130	0.34	0	68.6	66.3	49.7	38.1	38.1
10-11 AM	1884	0.0	139	0.0	3000	1884	0	139	0.34	0	68.4	66.1	49.7	38.0	38.0
11A-NOON	1996	0.0	147	0.0	3000	1996	0	147	0.33	0	68.2	66.0	49.7	37.9	37.9
NOON-1PM	2002	0.0	148	0.0	3000	2002	0	148	0.33	0	68.2	66.0	49.7	37.9	37.9
1-2 PM	2141	0.0	158	0.0	3000	2141	0	158	0.33	0	68.1	65.8	49.7	37.8	37.8
2-3 PM	2160	0.0	159	0.0	3000	2160	0	159	0.33	0	68.1	65.8	49.7	37.8	37.8
3-4 PM	2372	0.0	175	0.0	3000	2372	0	175	0.33	0	67.8	65.6	49.7	37.6	37.6
4-5 PM	2335	0.0	172	0.0	3000	2335	0	172	0.33	0	67.8	65.6	49.7	37.6	37.6
5-6 PM	2138	0.0	157	0.0	3000	2138	0	157	0.33	0	68.1	65.8	49.7	37.8	37.8
6-7 PM	1608	0.0	119	0.0	3000	1608	0	119	0.34	0	68.7	66.4	49.7	38.3	38.3
7-8 PM	1300	0.0	95	0.0	3000	1300	0	95	0.35	0	69.1	66.7	49.7	38.6	38.6
8-9 PM	1075	0.0	79	0.0	3000	1075	0	79	0.35	0	69.4	66.9	49.7	38.8	38.8
9-10 PM	872	0.0	64	0.0	3000	872	0	64	0.35	0	69.7	67.2	49.7	38.9	38.9
10-11 PM	675	0.0	50	0.0	3000	675	0	50	0.36	0	69.9	67.4	49.7	39.1	39.1
11PM-MID	548	0.0	41	0.0	3000	548	0	41	0.36	0	70.0	67.5	49.7	39.2	39.2

*----- 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	0.0540
MAIN ROUTE WITH WORKS	0.0520
DIVERSION	0.0734

PIA: Personal Injury Accidents

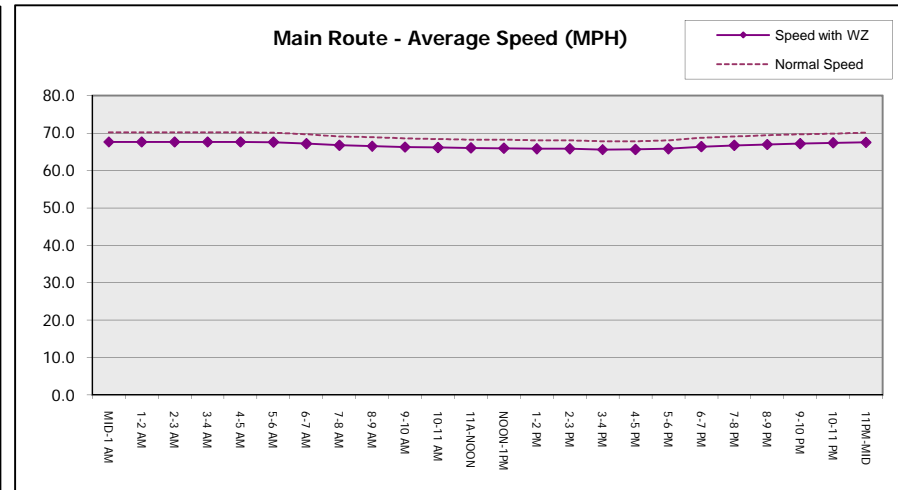
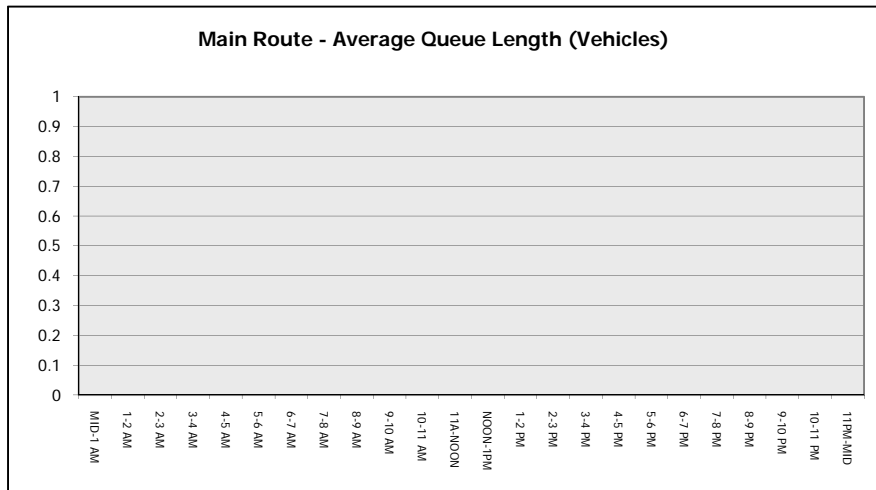
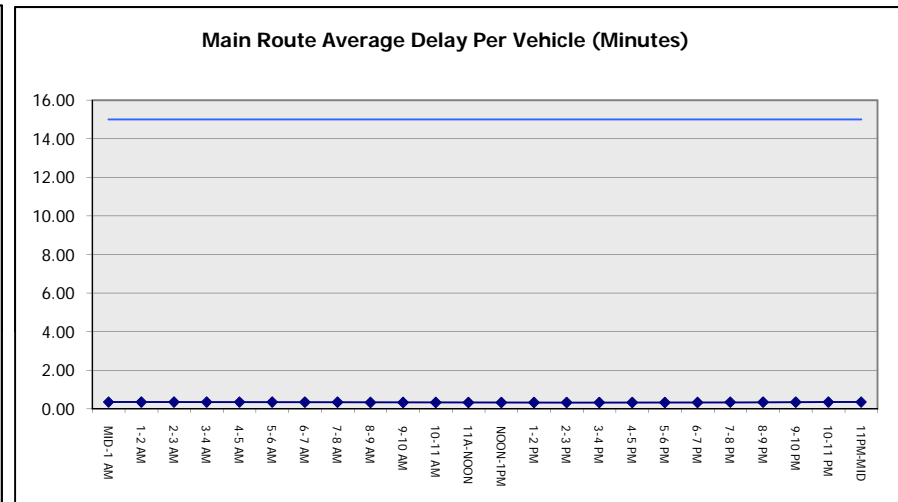
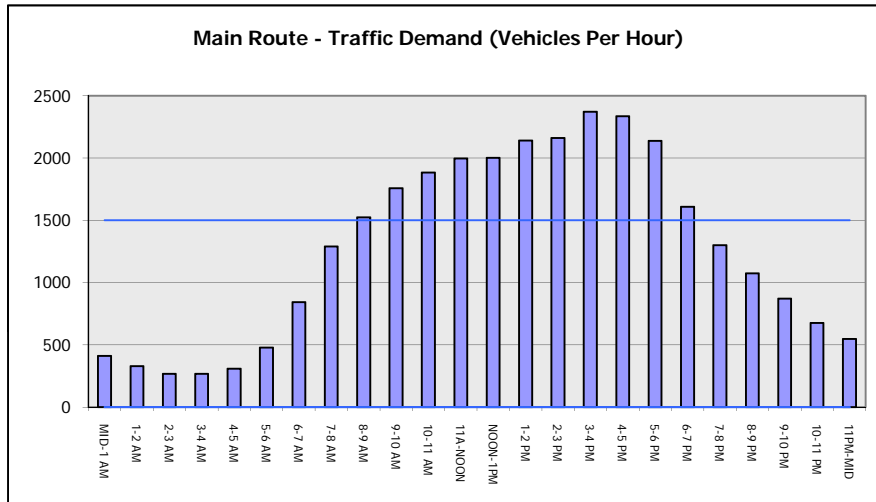
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,005
CONGESTED HOURS PER DAY*	0

\*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**

**AUGUST**  
 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>AUGUST</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	364	0.0	27	0.0	3000	364	0	27	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	291	0.0	21	0.0	3000	291	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
2-3 AM	278	0.0	20	0.0	3000	278	0	20	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	307	0.0	22	0.0	3000	307	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	421	0.0	31	0.0	3000	421	0	31	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	785	0.0	58	0.0	3000	785	0	58	0.35	0	69.7	67.3	49.7	39.0	39.0
6-7 AM	1173	0.0	86	0.0	3000	1173	0	86	0.35	0	69.3	66.9	49.7	38.7	38.7
7-8 AM	1319	0.0	97	0.0	3000	1319	0	97	0.35	0	69.1	66.7	49.7	38.6	38.6
8-9 AM	1295	0.0	95	0.0	3000	1295	0	95	0.35	0	69.1	66.7	49.7	38.6	38.6
9-10 AM	1528	0.0	113	0.0	3000	1528	0	113	0.34	0	68.8	66.5	49.7	38.3	38.3
10-11 AM	1804	0.0	133	0.0	3000	1804	0	133	0.34	0	68.5	66.2	49.7	38.1	38.1
11A-NOON	2002	0.0	148	0.0	3000	2002	0	148	0.33	0	68.2	66.0	49.7	37.9	37.9
NOON-1PM	2010	0.0	149	0.0	3000	2010	0	149	0.33	0	68.2	66.0	49.7	37.9	37.9
1-2 PM	2137	0.0	157	0.0	3000	2137	0	157	0.33	0	68.1	65.8	49.7	37.8	37.8
2-3 PM	2218	0.0	163	0.0	3000	2218	0	163	0.33	0	68.0	65.8	49.7	37.7	37.7
3-4 PM	2243	0.0	165	0.0	3000	2243	0	165	0.33	0	67.9	65.7	49.7	37.7	37.7
4-5 PM	2256	0.0	166	0.0	3000	2256	0	166	0.33	0	67.9	65.7	49.7	37.7	37.7
5-6 PM	2052	0.0	151	0.0	3000	2052	0	151	0.33	0	68.2	66.0	49.7	37.9	37.9
6-7 PM	1688	0.0	125	0.0	3000	1688	0	125	0.34	0	68.6	66.3	49.7	38.2	38.2
7-8 PM	1414	0.0	105	0.0	3000	1414	0	105	0.34	0	69.0	66.6	49.7	38.4	38.4
8-9 PM	1167	0.0	86	0.0	3000	1167	0	86	0.35	0	69.3	66.9	49.7	38.7	38.7
9-10 PM	964	0.0	71	0.0	3000	964	0	71	0.35	0	69.6	67.1	49.7	38.9	38.9
10-11 PM	735	0.0	54	0.0	3000	735	0	54	0.35	0	69.8	67.3	49.7	39.1	39.1
11PM-MID	515	0.0	38	0.0	3000	515	0	38	0.36	0	70.1	67.6	49.7	39.2	39.2

*----- 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	0.0547
MAIN ROUTE WITH WORKS	0.0526
DIVERSION	0.0743

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,030
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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

