

<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**

**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	671	0.0	50	0.0	3000	671	0	50	0.36	0	69.9	67.4	49.7	39.1	39.1
1-2 AM	385	0.0	28	0.0	3000	385	0	28	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	325	0.0	24	0.0	3000	325	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
3-4 AM	261	0.0	19	0.0	3000	261	0	19	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	313	0.0	23	0.0	3000	313	0	23	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	487	0.0	36	0.0	3000	487	0	36	0.36	0	70.1	67.6	49.7	39.3	39.3
6-7 AM	905	0.0	67	0.0	3000	905	0	67	0.35	0	69.6	67.1	49.7	38.9	38.9
7-8 AM	1518	0.0	112	0.0	3000	1518	0	112	0.34	0	68.9	66.5	49.7	38.4	38.4
8-9 AM	2448	0.0	181	0.0	2999	2448	0	181	0.42	0	67.7	64.9	46.4	37.5	37.5
9-10 AM	3290	0.0	242	0.0	2999	3290	0	242	2.44	104	66.6	53.5	37.3	36.8	36.8
10-11 AM	3753	0.0	277	0.0	3000	3753	0	277	11.82	655	65.2	30.2	37.3	36.3	36.3
11A-NOON	3646	0.0	269	0.0	2999	3646	0	269	25.51	1388	66.0	18.7	37.3	36.4	36.4
NOON-1PM	3061	0.0	226	0.0	3000	3061	0	226	32.40	1745	66.9	15.7	37.3	36.9	36.9
1-2 PM	2824	0.0	208	0.0	3000	2824	0	208	31.22	1679	67.3	16.2	37.3	37.1	37.1
2-3 PM	2524	0.0	187	0.0	3000	2524	0	187	25.22	1353	67.6	19.0	37.3	37.4	37.4
3-4 PM	2271	0.0	167	0.0	2999	2271	0	167	13.81	752	67.9	28.2	38.3	37.7	37.7
4-5 PM	1945	0.0	143	0.0	3000	1945	0	143	1.35	69	68.3	60.0	49.7	37.9	37.9
5-6 PM	1635	0.0	121	0.0	3000	1635	0	121	0.34	0	68.7	66.4	49.7	38.3	38.3
6-7 PM	1390	0.0	102	0.0	3000	1390	0	102	0.34	0	69.0	66.6	49.7	38.5	38.5
7-8 PM	1115	0.0	82	0.0	3000	1115	0	82	0.35	0	69.4	66.9	49.7	38.8	38.8
8-9 PM	944	0.0	70	0.0	3000	944	0	70	0.35	0	69.6	67.1	49.7	38.9	38.9
9-10 PM	742	0.0	55	0.0	3000	742	0	55	0.35	0	69.8	67.3	49.7	39.1	39.1
10-11 PM	574	0.0	43	0.0	3000	574	0	43	0.36	0	70.0	67.5	49.7	39.2	39.2
11PM-MID	397	0.0	29	0.0	3000	397	0	29	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	0.0661
MAIN ROUTE WITH WORKS	0.0636
DIVERSION	0.0899

PIA: Personal Injury Accidents

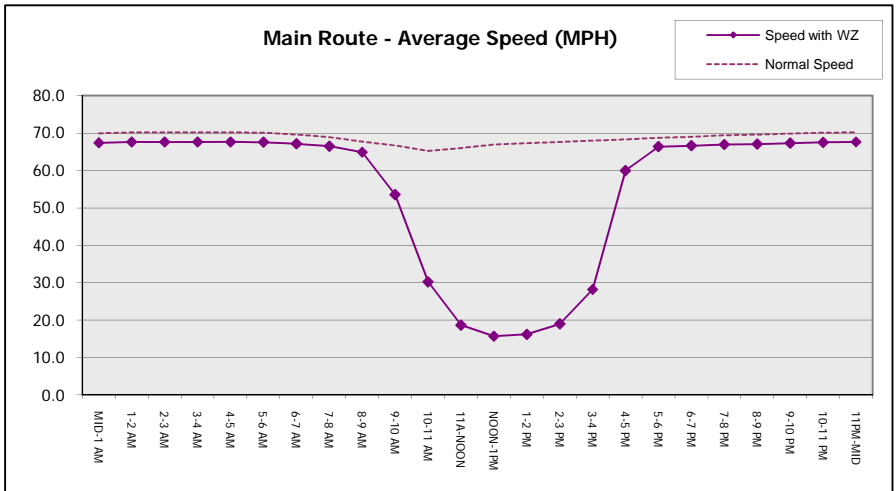
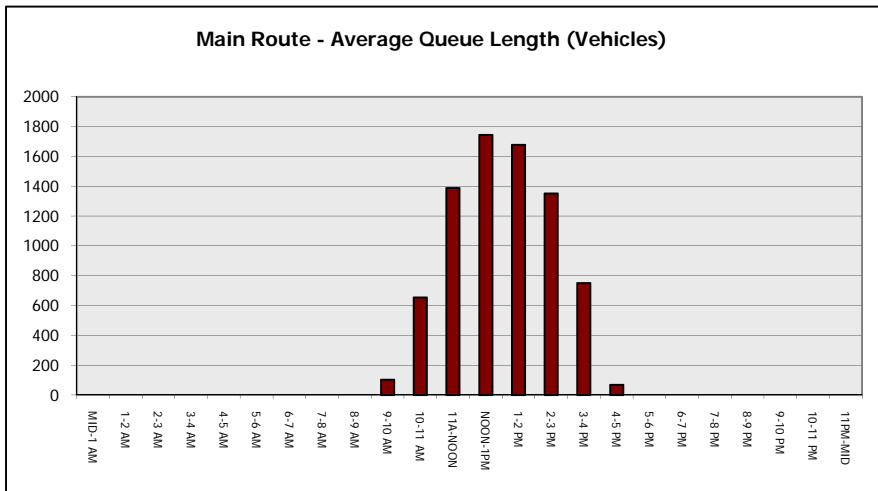
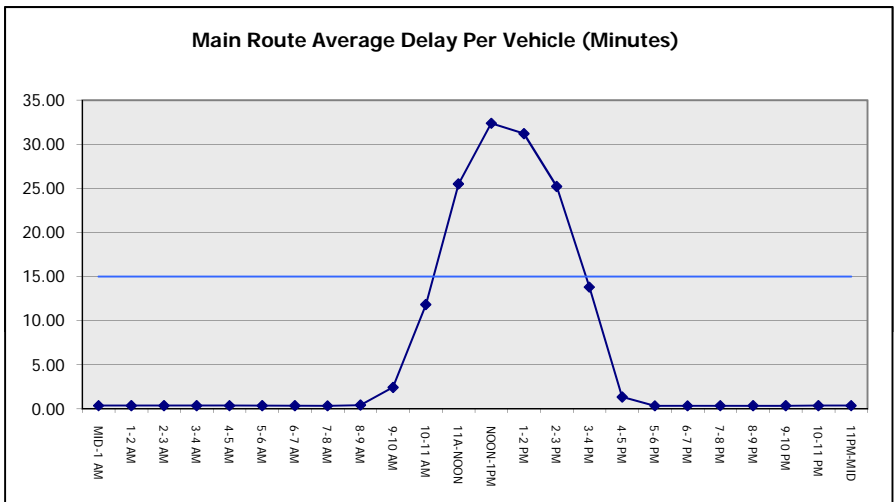
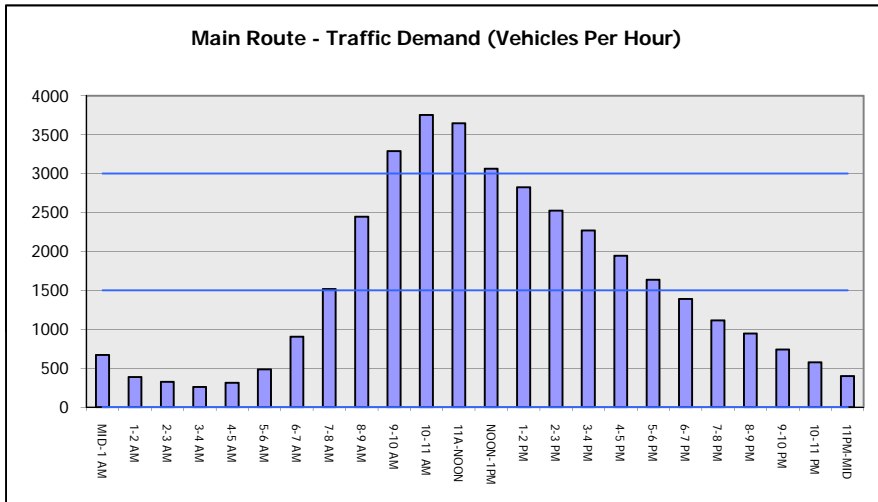
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$122,090
CONGESTED HOURS PER DAY*	4

\*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**  
**SATURDAY 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**

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	474	0.0	34	0.0	3000	474	0	34	0.36	0	70.2	67.6	49.7	39.3	39.3
1-2 AM	357	0.0	26	0.0	3000	357	0	26	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	342	0.0	25	0.0	3000	342	0	25	0.36	0	70.2	67.6	49.7	39.4	39.4
3-4 AM	324	0.0	24	0.0	3000	324	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
4-5 AM	316	0.0	23	0.0	3000	316	0	23	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	385	0.0	28	0.0	3000	385	0	28	0.36	0	70.2	67.6	49.7	39.4	39.4
6-7 AM	548	0.0	41	0.0	3000	548	0	41	0.36	0	70.0	67.5	49.7	39.2	39.2
7-8 AM	837	0.0	62	0.0	3000	837	0	62	0.35	0	69.7	67.2	49.7	39.0	39.0
8-9 AM	1206	0.0	89	0.0	3000	1206	0	89	0.35	0	69.2	66.8	49.7	38.6	38.6
9-10 AM	1765	0.0	130	0.0	3000	1765	0	130	0.34	0	68.6	66.3	49.7	38.1	38.1
10-11 AM	2510	0.0	186	0.0	2999	2510	0	186	0.42	0	67.6	64.9	46.5	37.4	37.4
11A-NOON	2952	0.0	218	0.0	2999	2952	0	218	0.74	2	67.1	62.4	38.2	37.0	37.0
NOON-1PM	3061	0.0	226	0.0	3000	3061	0	226	1.39	37	66.9	58.7	37.3	36.9	36.9
1-2 PM	3090	0.0	228	0.0	3000	3090	0	228	2.86	118	66.9	52.0	37.3	36.9	36.9
2-3 PM	3012	0.0	222	0.0	2999	3012	0	222	3.99	179	67.0	47.8	37.3	37.0	37.0
3-4 PM	2722	0.0	201	0.0	2999	2722	0	201	1.65	62	67.4	57.8	40.4	37.3	37.3
4-5 PM	2681	0.0	198	0.0	3000	2681	0	198	0.52	0	67.4	64.0	42.8	37.3	37.3
5-6 PM	2303	0.0	170	0.0	3000	2303	0	170	0.33	0	67.9	65.6	49.7	37.6	37.6
6-7 PM	2003	0.0	148	0.0	3000	2003	0	148	0.33	0	68.2	66.0	49.7	37.9	37.9
7-8 PM	1762	0.0	130	0.0	3000	1762	0	130	0.34	0	68.6	66.3	49.7	38.1	38.1
8-9 PM	1488	0.0	110	0.0	3000	1488	0	110	0.34	0	68.9	66.5	49.7	38.4	38.4
9-10 PM	1260	0.0	93	0.0	3000	1260	0	93	0.35	0	69.2	66.8	49.7	38.6	38.6
10-11 PM	1008	0.0	74	0.0	3000	1008	0	74	0.35	0	69.5	67.0	49.7	38.8	38.8
11PM-MID	669	0.0	50	0.0	3000	669	0	50	0.36	0	69.9	67.4	49.7	39.1	39.1

*----- 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	0.0655
MAIN ROUTE WITH WORKS	0.0630
DIVERSION	0.0891

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$11,242
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**  
**SATURDAY EASTBOUND DIRECTION**

