

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	AUGUST
	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	OFF	2448	0	181	0.00	0	67.7	67.7	67.7	37.5	37.5
9-10 AM	3290	0.0	242	0.0	OFF	3290	0	242	0.00	0	66.6	66.6	66.6	36.8	36.8
10-11 AM	3753	0.0	277	0.0	OFF	3753	0	277	0.00	0	65.2	65.2	65.2	36.3	36.3
11A-NOON	3646	0.0	269	0.0	OFF	3646	0	269	0.00	0	66.0	66.0	66.0	36.4	36.4
NOON-1PM	3061	0.0	226	0.0	OFF	3061	0	226	0.00	0	66.9	66.9	66.9	36.9	36.9
1-2 PM	2824	0.0	208	0.0	OFF	2824	0	208	0.00	0	67.3	67.3	67.3	37.1	37.1
2-3 PM	2524	0.0	187	0.0	OFF	2524	0	187	0.00	0	67.6	67.6	67.6	37.4	37.4
3-4 PM	2271	0.0	167	0.0	OFF	2271	0	167	0.00	0	67.9	67.9	67.9	37.7	37.7
4-5 PM	1945	0.0	143	0.0	OFF	1945	0	143	0.00	0	68.3	68.3	68.3	37.9	37.9
5-6 PM	1635	0.0	121	0.0	OFF	1635	0	121	0.00	0	68.7	68.7	68.7	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

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0654
DIVERSION	0.0899

PIA: Personal Injury Accidents

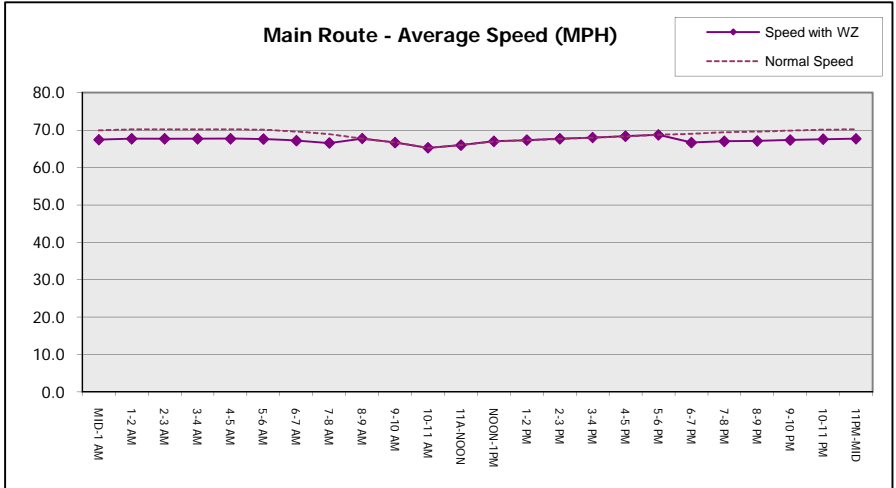
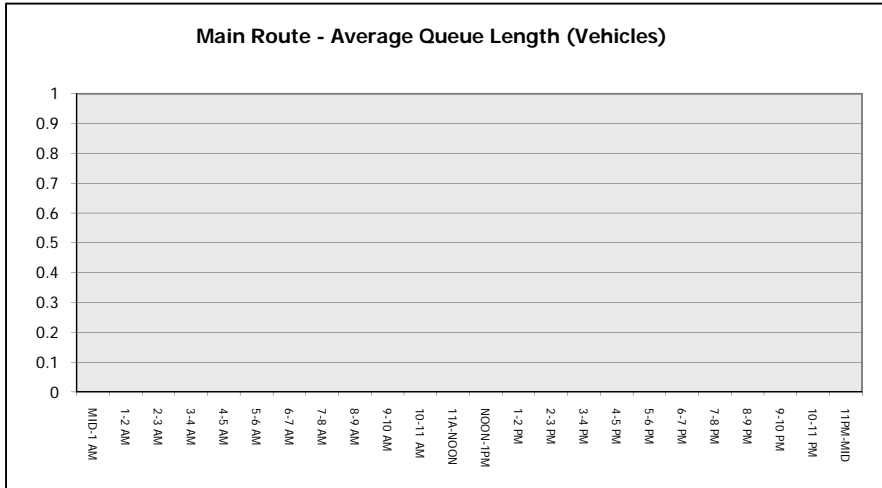
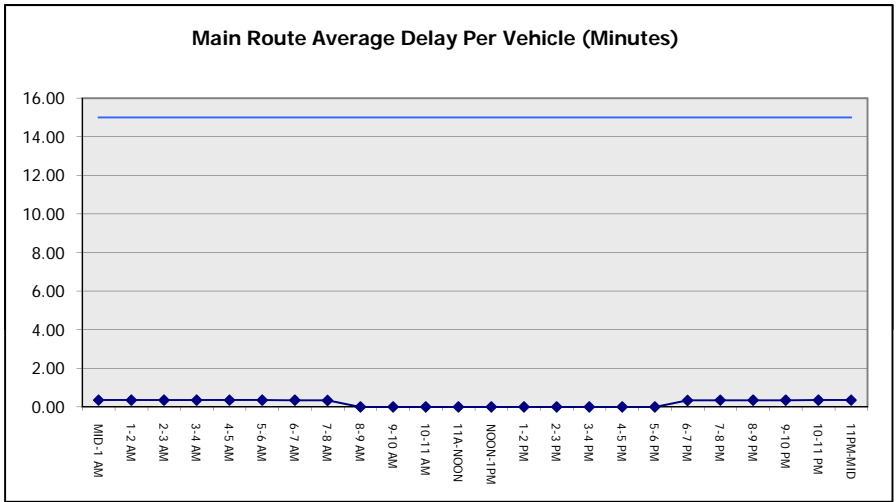
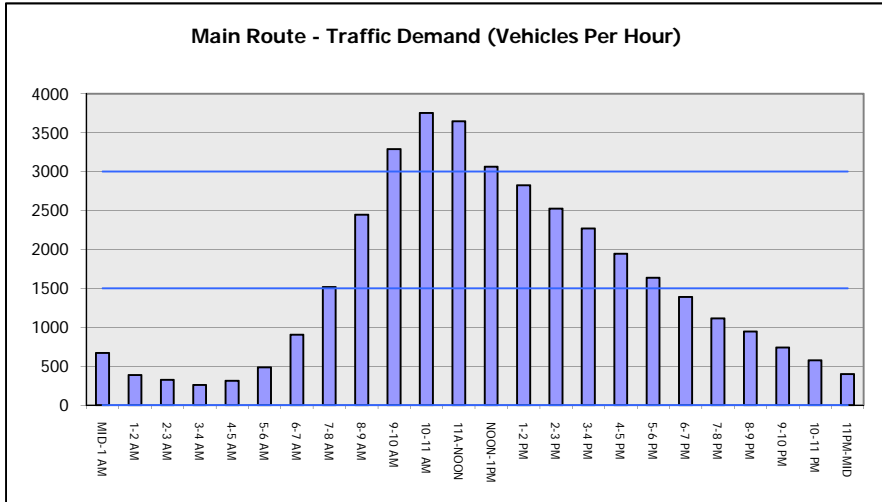
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$791
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)
NIGHTTIME 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



IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	AUGUST
	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	OFF	1206	0	89	0.00	0	69.2	69.2	69.2	38.6	38.6
9-10 AM	1765	0.0	130	0.0	OFF	1765	0	130	0.00	0	68.6	68.6	68.6	38.1	38.1
10-11 AM	2510	0.0	186	0.0	OFF	2510	0	186	0.00	0	67.6	67.6	67.6	37.4	37.4
11A-NOON	2952	0.0	218	0.0	OFF	2952	0	218	0.00	0	67.1	67.1	67.1	37.0	37.0
NOON-1PM	3061	0.0	226	0.0	OFF	3061	0	226	0.00	0	66.9	66.9	66.9	36.9	36.9
1-2 PM	3090	0.0	228	0.0	OFF	3090	0	228	0.00	0	66.9	66.9	66.9	36.9	36.9
2-3 PM	3012	0.0	222	0.0	OFF	3012	0	222	0.00	0	67.0	67.0	67.0	37.0	37.0
3-4 PM	2722	0.0	201	0.0	OFF	2722	0	201	0.00	0	67.4	67.4	67.4	37.3	37.3
4-5 PM	2681	0.0	198	0.0	OFF	2681	0	198	0.00	0	67.4	67.4	67.4	37.3	37.3
5-6 PM	2303	0.0	170	0.0	OFF	2303	0	170	0.00	0	67.9	67.9	67.9	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

"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	0.0655
MAIN ROUTE WITH WORKS	0.0647
DIVERSION	0.0891

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$919
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)
NIGHTTIME 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

