

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

FRIDAY 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	537	0.0	40	0.0	3000	537	0	40	0.36	0	70.0	67.5	49.7	39.2	39.2
1-2 AM	422	0.0	31	0.0	3000	422	0	31	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	353	0.0	26	0.0	3000	353	0	26	0.36	0	70.2	67.6	49.7	39.4	39.4
3-4 AM	326	0.0	24	0.0	3000	326	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
4-5 AM	375	0.0	27	0.0	3000	375	0	27	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	565	0.0	42	0.0	OFF	565	0	42	0.00	0	70.0	70.0	70.0	39.2	39.2
6-7 AM	985	0.0	73	0.0	OFF	985	0	73	0.00	0	69.5	69.5	69.5	38.8	38.8
7-8 AM	1498	0.0	111	0.0	OFF	1498	0	111	0.00	0	68.9	68.9	68.9	38.4	38.4
8-9 AM	1987	0.0	147	0.0	OFF	1987	0	147	0.00	0	68.2	68.2	68.2	37.9	37.9
9-10 AM	2553	0.0	189	0.0	OFF	2553	0	189	0.00	0	67.6	67.6	67.6	37.4	37.4
10-11 AM	2958	0.0	218	0.0	OFF	2958	0	218	0.00	0	67.1	67.1	67.1	37.0	37.0
11A-NOON	3166	0.0	233	0.0	OFF	3166	0	233	0.00	0	66.8	66.8	66.8	36.8	36.8
NOON-1PM	3318	0.0	245	0.0	OFF	3318	0	245	0.00	0	66.6	66.6	66.6	36.7	36.7
1-2 PM	3333	0.0	246	0.0	OFF	3333	0	246	0.00	0	66.6	66.6	66.6	36.7	36.7
2-3 PM	3732	0.0	276	0.0	OFF	3732	0	276	0.00	0	65.4	65.4	65.4	36.3	36.3
3-4 PM	4130	0.0	304	0.0	OFF	4130	0	304	0.00	0	62.7	62.7	62.7	36.0	36.0
4-5 PM	4046	0.0	298	0.0	OFF	4046	0	298	0.00	0	63.2	63.2	63.2	36.0	36.0
5-6 PM	3978	0.0	293	0.0	OFF	3978	0	293	0.00	0	63.7	63.7	63.7	36.1	36.1
6-7 PM	4083	0.0	301	0.0	OFF	4083	0	301	0.00	0	63.0	63.0	63.0	36.0	36.0
7-8 PM	3238	0.0	238	0.0	2999	3238	0	238	3.67	167	66.7	48.8	37.3	36.8	36.8
8-9 PM	2514	0.0	186	0.0	2999	2514	0	186	1.76	80	67.6	57.3	44.3	37.4	37.4
9-10 PM	2018	0.0	149	0.0	3000	2018	0	149	0.33	0	68.2	66.0	49.7	37.9	37.9
10-11 PM	1450	0.0	108	0.0	3000	1450	0	108	0.34	0	68.9	66.6	49.7	38.4	38.4
11PM-MID	1014	0.0	75	0.0	3000	1014	0	75	0.35	0	69.5	67.0	49.7	38.8	38.8

"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	0.0929
MAIN ROUTE WITH WORKS	0.0920
DIVERSION	0.1263

PIA: Personal Injury Accidents

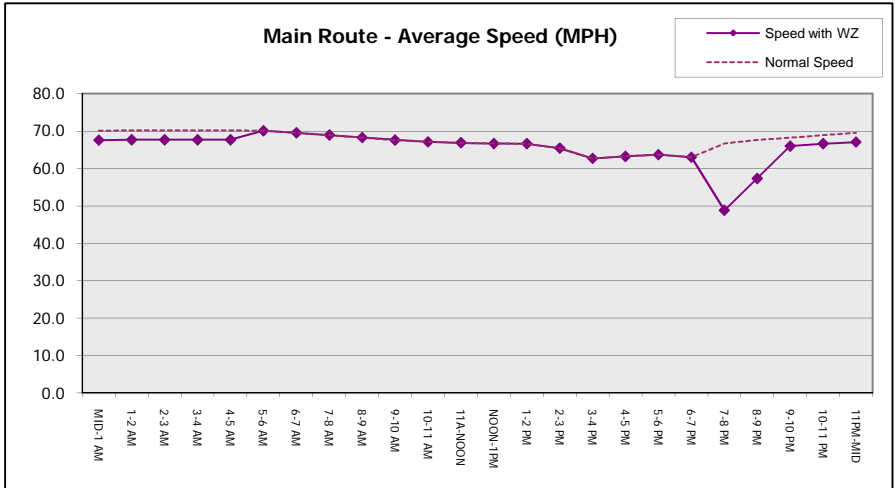
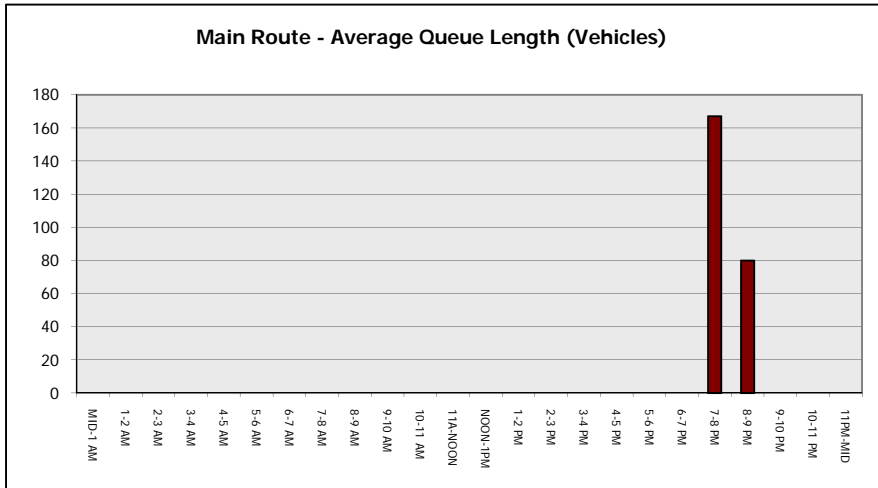
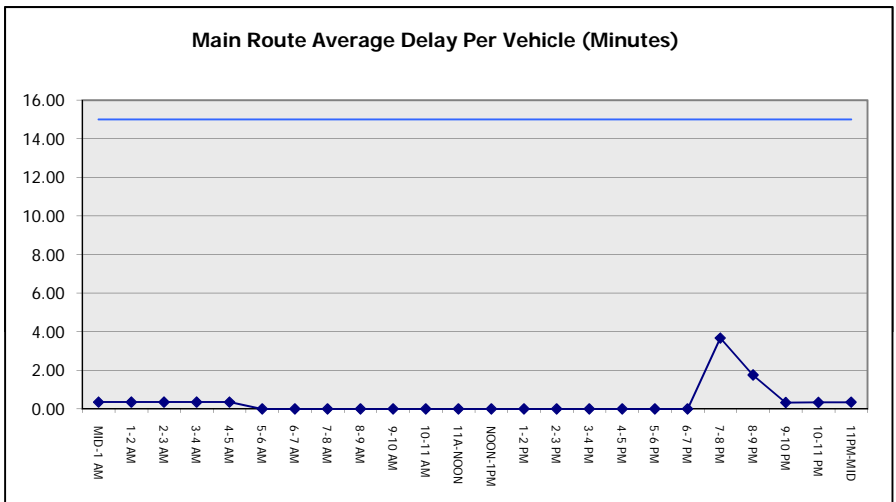
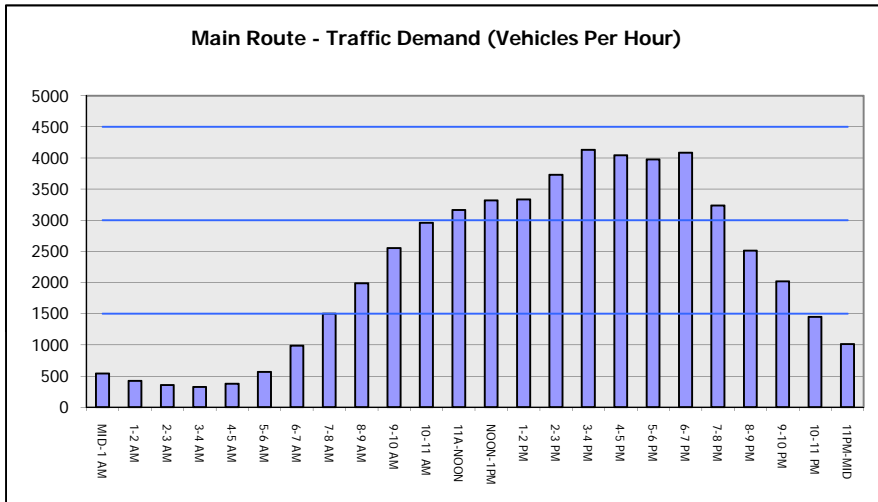
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$4,051
CONGESTED HOURS PER DAY*	0

*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
FRIDAY 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

FRIDAY 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	393	0.0	29	0.0	3000	393	0	29	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	347	0.0	25	0.0	3000	347	0	25	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	305	0.0	22	0.0	3000	305	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	331	0.0	24	0.0	3000	331	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
4-5 AM	417	0.0	30	0.0	3000	417	0	30	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	726	0.0	54	0.0	OFF	726	0	54	0.00	0	69.8	69.8	69.8	39.1	39.1
6-7 AM	1093	0.0	81	0.0	OFF	1093	0	81	0.00	0	69.4	69.4	69.4	38.8	38.8
7-8 AM	1237	0.0	91	0.0	OFF	1237	0	91	0.00	0	69.2	69.2	69.2	38.6	38.6
8-9 AM	1292	0.0	95	0.0	OFF	1292	0	95	0.00	0	69.1	69.1	69.1	38.6	38.6
9-10 AM	1573	0.0	116	0.0	OFF	1573	0	116	0.00	0	68.8	68.8	68.8	38.3	38.3
10-11 AM	2007	0.0	148	0.0	OFF	2007	0	148	0.00	0	68.2	68.2	68.2	37.9	37.9
11A-NOON	2228	0.0	164	0.0	OFF	2228	0	164	0.00	0	67.9	67.9	67.9	37.7	37.7
NOON-1PM	2249	0.0	166	0.0	OFF	2249	0	166	0.00	0	67.9	67.9	67.9	37.7	37.7
1-2 PM	2548	0.0	188	0.0	OFF	2548	0	188	0.00	0	67.6	67.6	67.6	37.4	37.4
2-3 PM	2853	0.0	211	0.0	OFF	2853	0	211	0.00	0	67.2	67.2	67.2	37.1	37.1
3-4 PM	2783	0.0	205	0.0	OFF	2783	0	205	0.00	0	67.3	67.3	67.3	37.2	37.2
4-5 PM	2725	0.0	201	0.0	OFF	2725	0	201	0.00	0	67.4	67.4	67.4	37.3	37.3
5-6 PM	2480	0.0	183	0.0	OFF	2480	0	183	0.00	0	67.6	67.6	67.6	37.4	37.4
6-7 PM	2125	0.0	157	0.0	OFF	2125	0	157	0.00	0	68.1	68.1	68.1	37.8	37.8
7-8 PM	1836	0.0	136	0.0	3000	1836	0	136	0.34	0	68.4	66.1	49.7	38.1	38.1
8-9 PM	1618	0.0	120	0.0	3000	1618	0	120	0.34	0	68.7	66.4	49.7	38.3	38.3
9-10 PM	1338	0.0	98	0.0	3000	1338	0	98	0.35	0	69.1	66.7	49.7	38.5	38.5
10-11 PM	1017	0.0	75	0.0	3000	1017	0	75	0.35	0	69.5	67.0	49.7	38.8	38.8
11PM-MID	690	0.0	51	0.0	3000	690	0	51	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	0.0640
MAIN ROUTE WITH WORKS	0.0634
DIVERSION	0.0870

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$632
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
FRIDAY EASTBOUND DIRECTION

