

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

SUNDAY 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	294	0.0	21	0.0	3000	294	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
1-2 AM	210	0.0	15	0.0	3000	210	0	15	0.36	0	70.2	67.6	49.7	39.6	39.6
2-3 AM	147	0.0	11	0.0	3000	147	0	11	0.36	0	70.2	67.6	49.7	39.6	39.6
3-4 AM	124	0.0	9	0.0	3000	124	0	9	0.36	0	70.2	67.6	49.7	39.6	39.6
4-5 AM	132	0.0	10	0.0	3000	132	0	10	0.36	0	70.2	67.6	49.7	39.6	39.6
5-6 AM	201	0.0	15	0.0	3000	201	0	15	0.36	0	70.2	67.6	49.7	39.6	39.6
6-7 AM	349	0.0	25	0.0	3000	349	0	25	0.36	0	70.2	67.6	49.7	39.4	39.4
7-8 AM	654	0.0	49	0.0	3000	654	0	49	0.36	0	69.9	67.4	49.7	39.1	39.1
8-9 AM	1245	0.0	92	0.0	3000	1245	0	92	0.35	0	69.2	66.8	49.7	38.6	38.6
9-10 AM	1993	0.0	147	0.0	OFF	1993	0	147	0.00	0	68.2	68.2	68.2	37.9	37.9
10-11 AM	2699	0.0	199	0.0	OFF	2699	0	199	0.00	0	67.4	67.4	67.4	37.3	37.3
11A-NOON	3104	0.0	229	0.0	OFF	3104	0	229	0.00	0	66.9	66.9	66.9	36.9	36.9
NOON-1PM	3204	0.0	236	0.0	OFF	3204	0	236	0.00	0	66.8	66.8	66.8	36.8	36.8
1-2 PM	3263	0.0	240	0.0	OFF	3263	0	240	0.00	0	66.7	66.7	66.7	36.8	36.8
2-3 PM	3208	0.0	236	0.0	OFF	3208	0	236	0.00	0	66.8	66.8	66.8	36.8	36.8
3-4 PM	2882	0.0	213	0.0	OFF	2882	0	213	0.00	0	67.1	67.1	67.1	37.1	37.1
4-5 PM	2615	0.0	193	0.0	OFF	2615	0	193	0.00	0	67.5	67.5	67.5	37.3	37.3
5-6 PM	2299	0.0	169	0.0	OFF	2299	0	169	0.00	0	67.9	67.9	67.9	37.6	37.6
6-7 PM	1886	0.0	139	0.0	OFF	1886	0	139	0.00	0	68.4	68.4	68.4	38.0	38.0
7-8 PM	1535	0.0	114	0.0	3000	1535	0	114	0.34	0	68.8	66.4	49.7	38.3	38.3
8-9 PM	1221	0.0	90	0.0	3000	1221	0	90	0.35	0	69.2	66.8	49.7	38.6	38.6
9-10 PM	938	0.0	69	0.0	3000	938	0	69	0.35	0	69.6	67.1	49.7	38.9	38.9
10-11 PM	669	0.0	50	0.0	3000	669	0	50	0.36	0	69.9	67.4	49.7	39.1	39.1
11PM-MID	452	0.0	33	0.0	3000	452	0	33	0.36	0	70.2	67.6	49.7	39.3	39.3

"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	0.0624
MAIN ROUTE WITH WORKS	0.0618
DIVERSION	0.0849

PIA: Personal Injury Accidents

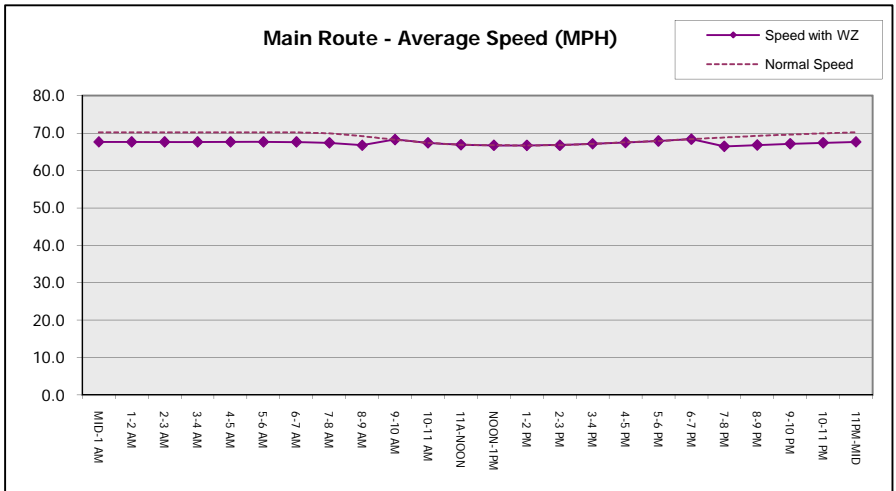
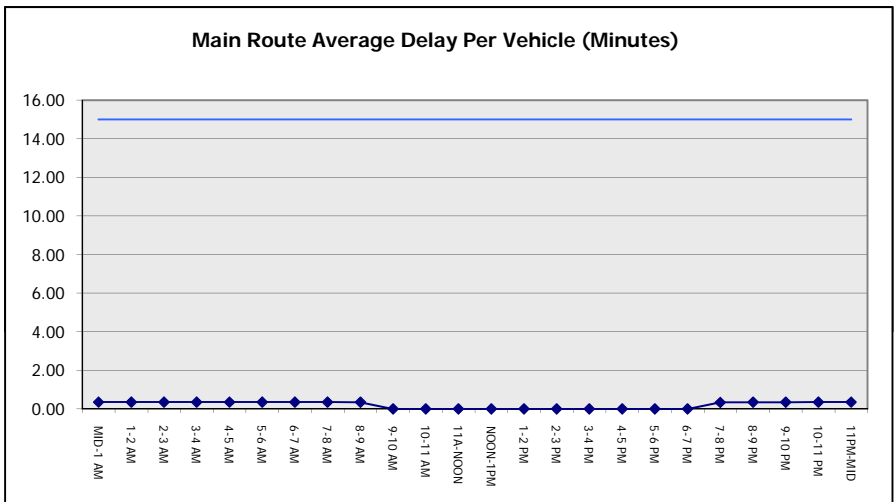
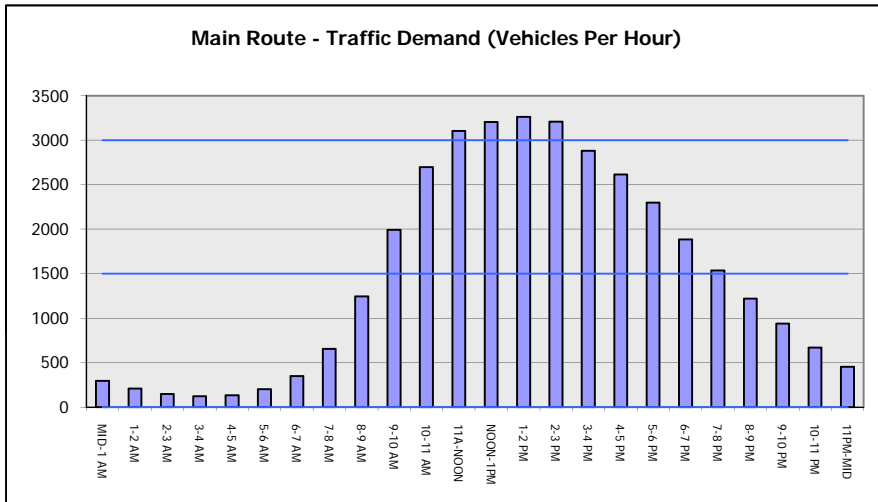
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$746
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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

SUNDAY 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	427	0.0	31	0.0	3000	427	0	31	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	279	0.0	20	0.0	3000	279	0	20	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	218	0.0	16	0.0	3000	218	0	16	0.36	0	70.2	67.6	49.7	39.6	39.6
4-5 AM	211	0.0	15	0.0	3000	211	0	15	0.36	0	70.2	67.6	49.7	39.6	39.6
5-6 AM	256	0.0	19	0.0	3000	256	0	19	0.36	0	70.2	67.6	49.7	39.5	39.5
6-7 AM	358	0.0	26	0.0	3000	358	0	26	0.36	0	70.2	67.6	49.7	39.4	39.4
7-8 AM	613	0.0	46	0.0	3000	613	0	46	0.36	0	70.0	67.4	49.7	39.2	39.2
8-9 AM	1139	0.0	84	0.0	3000	1139	0	84	0.35	0	69.3	66.9	49.7	38.7	38.7
9-10 AM	2101	0.0	155	0.0	OFF	2101	0	155	0.00	0	68.1	68.1	68.1	37.8	37.8
10-11 AM	3213	0.0	237	0.0	OFF	3213	0	237	0.00	0	66.8	66.8	66.8	36.8	36.8
11A-NOON	4131	0.0	305	0.0	OFF	4131	0	305	0.00	0	62.7	62.7	62.7	36.0	36.0
NOON-1PM	4601	0.0	340	0.0	OFF	4601	0	340	0.00	0	59.4	59.4	59.4	35.5	35.5
1-2 PM	4506	0.0	333	0.0	OFF	4506	0	333	0.00	0	60.1	60.1	60.1	35.6	35.6
2-3 PM	4444	0.0	328	0.0	OFF	4444	0	328	0.00	0	60.5	60.5	60.5	35.6	35.6
3-4 PM	4461	0.0	330	0.0	OFF	4461	0	330	0.00	0	60.4	60.4	60.4	35.6	35.6
4-5 PM	4605	0.0	340	0.0	OFF	4605	0	340	0.00	0	59.4	59.4	59.4	35.5	35.5
5-6 PM	4062	0.0	299	0.0	OFF	4062	0	299	0.00	0	63.1	63.1	63.1	36.0	36.0
6-7 PM	3884	0.0	287	0.0	OFF	3884	0	287	0.00	0	64.3	64.3	64.3	36.2	36.2
7-8 PM	3346	0.0	247	0.0	2999	3346	0	247	4.39	213	66.6	46.3	37.3	36.7	36.7
8-9 PM	2595	0.0	192	0.0	2999	2595	0	192	3.83	197	67.5	48.6	41.4	37.4	37.4
9-10 PM	1692	0.0	125	0.0	3000	1692	0	125	0.34	0	68.6	66.3	49.7	38.2	38.2
10-11 PM	1104	0.0	81	0.0	3000	1104	0	81	0.35	0	69.4	66.9	49.7	38.8	38.8
11PM-MID	665	0.0	49	0.0	3000	665	0	49	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	0.0940
MAIN ROUTE WITH WORKS	0.0932
DIVERSION	0.1279

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$7,055
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
SUNDAY EASTBOUND DIRECTION

