

**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**

OCTOBER
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	247	0.0	18	0.0	3000	247	0	18	0.36	0	70.2	67.6	49.7	39.5	39.5
1-2 AM	188	0.0	14	0.0	3000	188	0	14	0.36	0	70.2	67.6	49.7	39.6	39.6
2-3 AM	134	0.0	10	0.0	3000	134	0	10	0.36	0	70.2	67.6	49.7	39.6	39.6
3-4 AM	129	0.0	9	0.0	3000	129	0	9	0.36	0	70.2	67.6	49.7	39.6	39.6
4-5 AM	131	0.0	10	0.0	3000	131	0	10	0.36	0	70.2	67.6	49.7	39.6	39.6
5-6 AM	205	0.0	15	0.0	3000	205	0	15	0.36	0	70.2	67.6	49.7	39.6	39.6
6-7 AM	306	0.0	22	0.0	3000	306	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
7-8 AM	556	0.0	41	0.0	3000	556	0	41	0.36	0	70.0	67.5	49.7	39.2	39.2
8-9 AM	913	0.0	67	0.0	3000	913	0	67	0.35	0	69.6	67.1	49.7	38.9	38.9
9-10 AM	1376	0.0	101	0.0	OFF	1376	0	101	0.00	0	69.0	69.0	69.0	38.5	38.5
10-11 AM	1823	0.0	135	0.0	OFF	1823	0	135	0.00	0	68.5	68.5	68.5	38.1	38.1
11A-NOON	2120	0.0	156	0.0	OFF	2120	0	156	0.00	0	68.1	68.1	68.1	37.8	37.8
NOON-1PM	2214	0.0	163	0.0	OFF	2214	0	163	0.00	0	68.0	68.0	68.0	37.7	37.7
1-2 PM	2310	0.0	170	0.0	OFF	2310	0	170	0.00	0	67.9	67.9	67.9	37.6	37.6
2-3 PM	2303	0.0	170	0.0	OFF	2303	0	170	0.00	0	67.9	67.9	67.9	37.6	37.6
3-4 PM	2241	0.0	165	0.0	OFF	2241	0	165	0.00	0	67.9	67.9	67.9	37.7	37.7
4-5 PM	2159	0.0	159	0.0	OFF	2159	0	159	0.00	0	68.1	68.1	68.1	37.8	37.8
5-6 PM	1901	0.0	140	0.0	OFF	1901	0	140	0.00	0	68.4	68.4	68.4	38.0	38.0
6-7 PM	1552	0.0	115	0.0	OFF	1552	0	115	0.00	0	68.8	68.8	68.8	38.3	38.3
7-8 PM	1237	0.0	91	0.0	3000	1237	0	91	0.35	0	69.2	66.8	49.7	38.6	38.6
8-9 PM	909	0.0	67	0.0	3000	909	0	67	0.35	0	69.6	67.1	49.7	38.9	38.9
9-10 PM	658	0.0	49	0.0	3000	658	0	49	0.36	0	69.9	67.4	49.7	39.1	39.1
10-11 PM	478	0.0	35	0.0	3000	478	0	35	0.36	0	70.1	67.6	49.7	39.3	39.3
11PM-MID	336	0.0	24	0.0	3000	336	0	24	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	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	0.0467
MAIN ROUTE WITH WORKS	0.0462
DIVERSION	0.0634

PIA: Personal Injury Accidents

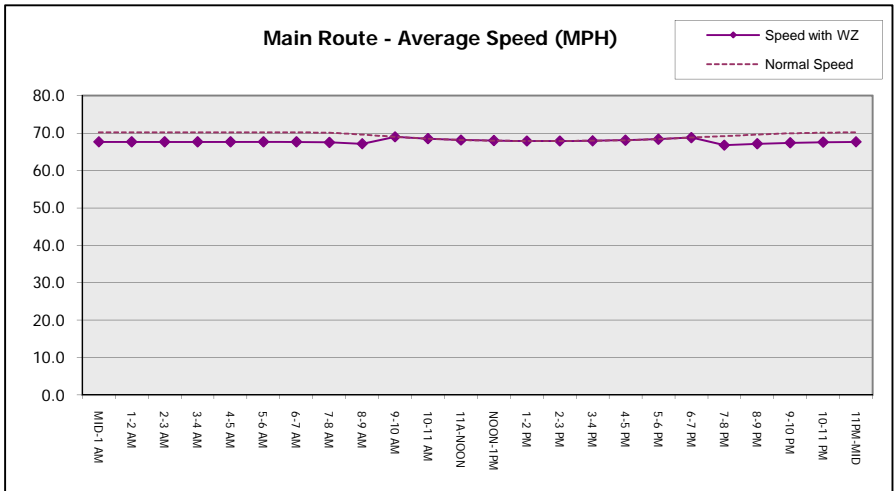
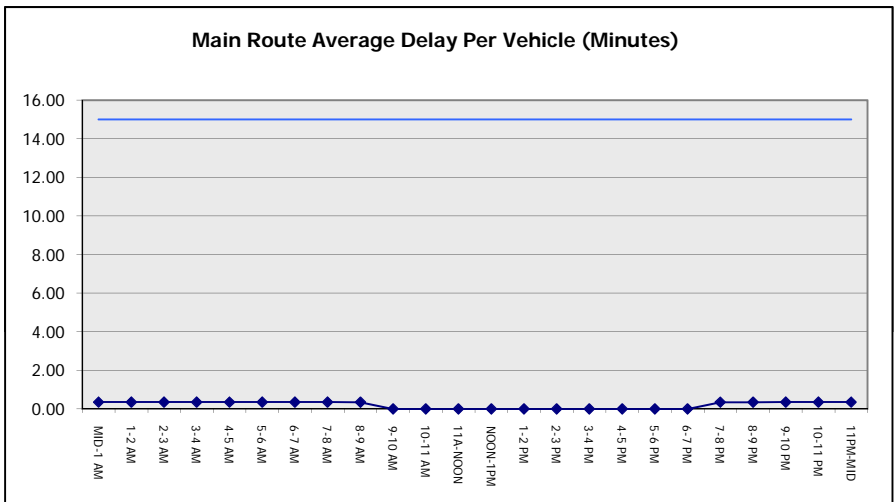
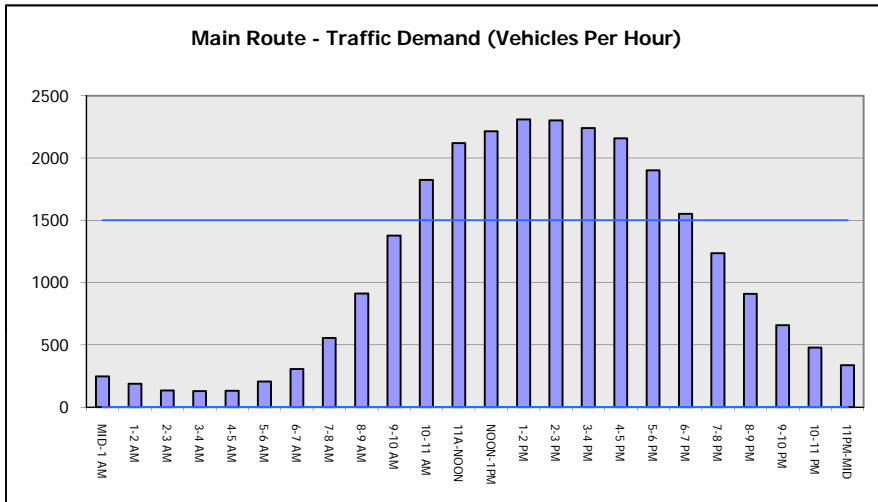
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$522
CONGESTED HOURS PER DAY*	0

*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

OCTOBER
 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	OCTOBER
	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	329	0.0	24	0.0	3000	329	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	232	0.0	17	0.0	3000	232	0	17	0.36	0	70.2	67.6	49.7	39.6	39.6
2-3 AM	211	0.0	15	0.0	3000	211	0	15	0.36	0	70.2	67.6	49.7	39.6	39.6
3-4 AM	153	0.0	11	0.0	3000	153	0	11	0.36	0	70.2	67.6	49.7	39.6	39.6
4-5 AM	178	0.0	13	0.0	3000	178	0	13	0.36	0	70.2	67.6	49.7	39.6	39.6
5-6 AM	215	0.0	16	0.0	3000	215	0	16	0.36	0	70.2	67.6	49.7	39.6	39.6
6-7 AM	297	0.0	22	0.0	3000	297	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
7-8 AM	490	0.0	37	0.0	3000	490	0	37	0.36	0	70.1	67.6	49.7	39.3	39.3
8-9 AM	863	0.0	64	0.0	3000	863	0	64	0.35	0	69.7	67.2	49.7	38.9	38.9
9-10 AM	1593	0.0	118	0.0	OFF	1593	0	118	0.00	0	68.7	68.7	68.7	38.3	38.3
10-11 AM	2494	0.0	184	0.0	OFF	2494	0	184	0.00	0	67.6	67.6	67.6	37.4	37.4
11A-NOON	3253	0.0	240	0.0	OFF	3253	0	240	0.00	0	66.7	66.7	66.7	36.8	36.8
NOON-1PM	3597	0.0	266	0.0	OFF	3597	0	266	0.00	0	66.3	66.3	66.3	36.5	36.5
1-2 PM	3908	0.0	288	0.0	OFF	3908	0	288	0.00	0	64.1	64.1	64.1	36.1	36.1
2-3 PM	4044	0.0	298	0.0	OFF	4044	0	298	0.00	0	63.2	63.2	63.2	36.0	36.0
3-4 PM	4147	0.0	306	0.0	OFF	4147	0	306	0.00	0	62.5	62.5	62.5	36.0	36.0
4-5 PM	4148	0.0	306	0.0	OFF	4148	0	306	0.00	0	62.5	62.5	62.5	36.0	36.0
5-6 PM	3620	0.0	267	0.0	OFF	3620	0	267	0.00	0	66.1	66.1	66.1	36.5	36.5
6-7 PM	2872	0.0	212	0.0	OFF	2872	0	212	0.00	0	67.2	67.2	67.2	37.1	37.1
7-8 PM	2237	0.0	165	0.0	3000	2237	0	165	0.33	0	67.9	65.8	49.7	37.7	37.7
8-9 PM	1660	0.0	123	0.0	3000	1660	0	123	0.34	0	68.7	66.3	49.7	38.2	38.2
9-10 PM	1076	0.0	79	0.0	3000	1076	0	79	0.35	0	69.4	66.9	49.7	38.8	38.8
10-11 PM	673	0.0	50	0.0	3000	673	0	50	0.36	0	69.9	67.4	49.7	39.1	39.1
11PM-MID	427	0.0	31	0.0	3000	427	0	31	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	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	0.0754
MAIN ROUTE WITH WORKS	0.0749
DIVERSION	0.1026

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$717
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

