

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY) NIGHTTIME 2 LANE CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	316	0.0	23	0.0	1500	316	0	23	0.51	0	70.2	66.6	44.2	39.4	39.4
1-2 AM	258	0.0	19	0.0	1500	258	0	19	0.50	0	70.2	66.6	44.5	39.5	39.5
2-3 AM	231	0.0	17	0.0	1500	231	0	17	0.50	0	70.2	66.6	44.6	39.6	39.6
3-4 AM	239	0.0	17	0.0	1500	239	0	17	0.50	0	70.2	66.6	44.5	39.6	39.6
4-5 AM	287	0.0	21	0.0	1500	287	0	21	0.51	0	70.2	66.6	44.3	39.5	39.5
5-6 AM	452	0.0	33	0.0	OFF	452	0	33	0.00	0	70.2	70.2	70.2	39.3	39.3
6-7 AM	819	0.0	61	0.0	OFF	819	0	61	0.00	0	69.7	69.7	69.7	39.0	39.0
7-8 AM	1224	0.0	90	0.0	OFF	1224	0	90	0.00	0	69.2	69.2	69.2	38.6	38.6
8-9 AM	1342	0.0	99	0.0	OFF	1342	0	99	0.00	0	69.1	69.1	69.1	38.5	38.5
9-10 AM	1400	0.0	104	0.0	OFF	1400	0	104	0.00	0	69.0	69.0	69.0	38.4	38.4
10-11 AM	1477	0.0	109	0.0	OFF	1477	0	109	0.00	0	68.9	68.9	68.9	38.4	38.4
11A-NOON	1495	0.0	111	0.0	OFF	1495	0	111	0.00	0	68.9	68.9	68.9	38.4	38.4
NOON-1PM	1559	0.0	115	0.0	OFF	1559	0	115	0.00	0	68.8	68.8	68.8	38.3	38.3
1-2 PM	1655	0.0	122	0.0	OFF	1655	0	122	0.00	0	68.7	68.7	68.7	38.3	38.3
2-3 PM	1722	0.0	127	0.0	OFF	1722	0	127	0.00	0	68.6	68.6	68.6	38.2	38.2
3-4 PM	1866	0.0	138	0.0	OFF	1866	0	138	0.00	0	68.4	68.4	68.4	38.0	38.0
4-5 PM	1999	0.0	147	0.0	OFF	1999	0	147	0.00	0	68.2	68.2	68.2	37.9	37.9
5-6 PM	1827	0.0	135	0.0	OFF	1827	0	135	0.00	0	68.4	68.4	68.4	38.1	38.1
6-7 PM	1358	0.0	99	0.0	OFF	1358	0	99	0.00	0	69.1	69.1	69.1	38.5	38.5
7-8 PM	1069	0.0	78	0.0	1500	1069	0	78	0.59	0	69.4	65.3	41.4	38.8	38.8
8-9 PM	905	0.0	67	0.0	1500	905	0	67	0.58	0	69.6	65.6	42.0	38.9	38.9
9-10 PM	792	0.0	58	0.0	1500	792	0	58	0.56	0	69.7	65.8	42.4	39.0	39.0
10-11 PM	617	0.0	46	0.0	1500	617	0	46	0.55	0	70.0	66.2	43.0	39.2	39.2
11PM-MID	484	0.0	36	0.0	1500	484	0	36	0.53	0	70.1	66.4	43.6	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	0.0448
MAIN ROUTE WITH WORKS	0.0445
DIVERSION	0.0609

PIA: Personal Injury Accidents

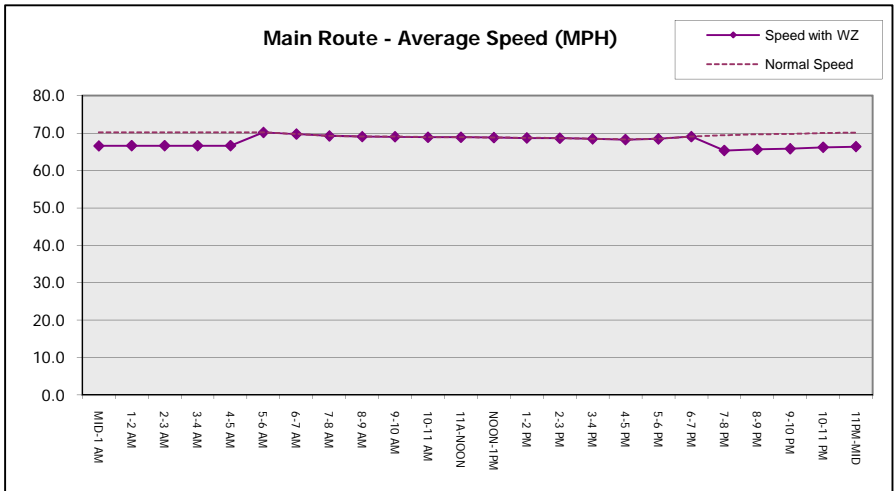
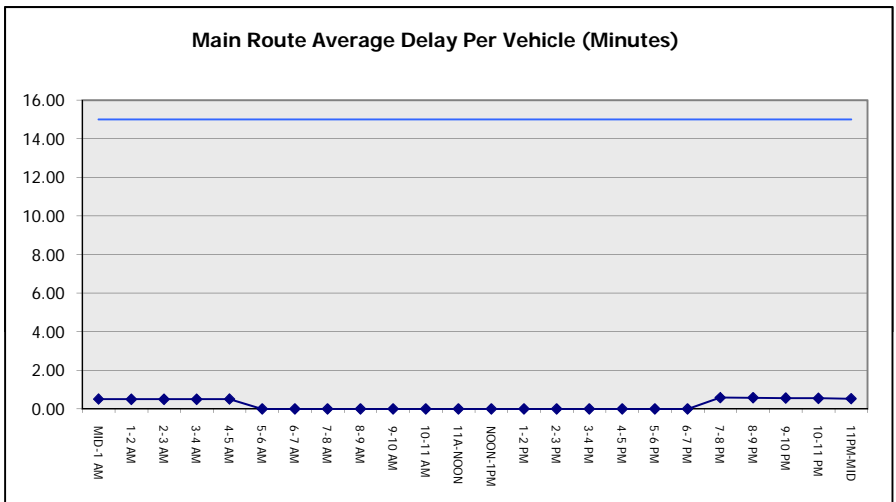
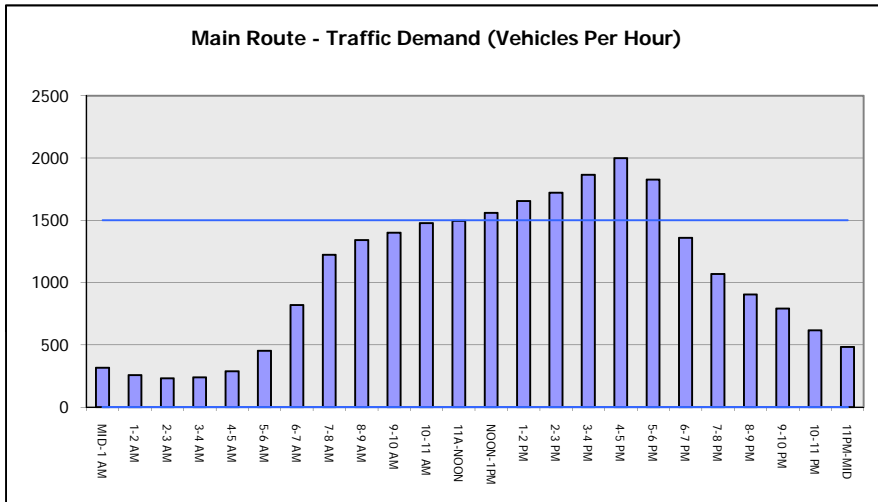
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$583
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)
NIGHTTIME 2 LANE CLOSURE
DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY) NIGHTTIME 2 LANE CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	303	0.0	22	0.0	1500	303	0	22	0.51	0	70.2	66.6	44.3	39.5	39.5
1-2 AM	247	0.0	18	0.0	1500	247	0	18	0.50	0	70.2	66.6	44.5	39.5	39.5
2-3 AM	245	0.0	18	0.0	1500	245	0	18	0.50	0	70.2	66.6	44.5	39.5	39.5
3-4 AM	275	0.0	20	0.0	1500	275	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
4-5 AM	375	0.0	27	0.0	1500	375	0	27	0.52	0	70.2	66.5	44.0	39.4	39.4
5-6 AM	762	0.0	56	0.0	OFF	762	0	56	0.00	0	69.8	69.8	69.8	39.1	39.1
6-7 AM	1176	0.0	87	0.0	OFF	1176	0	87	0.00	0	69.2	69.2	69.2	38.7	38.7
7-8 AM	1242	0.0	91	0.0	OFF	1242	0	91	0.00	0	69.2	69.2	69.2	38.6	38.6
8-9 AM	1222	0.0	90	0.0	OFF	1222	0	90	0.00	0	69.2	69.2	69.2	38.6	38.6
9-10 AM	1354	0.0	99	0.0	OFF	1354	0	99	0.00	0	69.1	69.1	69.1	38.5	38.5
10-11 AM	1510	0.0	111	0.0	OFF	1510	0	111	0.00	0	68.9	68.9	68.9	38.4	38.4
11A-NOON	1628	0.0	119	0.0	OFF	1628	0	119	0.00	0	68.7	68.7	68.7	38.3	38.3
NOON-1PM	1700	0.0	124	0.0	OFF	1700	0	124	0.00	0	68.6	68.6	68.6	38.2	38.2
1-2 PM	1737	0.0	127	0.0	OFF	1737	0	127	0.00	0	68.6	68.6	68.6	38.2	38.2
2-3 PM	1862	0.0	136	0.0	OFF	1862	0	136	0.00	0	68.4	68.4	68.4	38.1	38.1
3-4 PM	1936	0.0	142	0.0	OFF	1936	0	142	0.00	0	68.3	68.3	68.3	38.0	38.0
4-5 PM	1971	0.0	145	0.0	OFF	1971	0	145	0.00	0	68.3	68.3	68.3	37.9	37.9
5-6 PM	1737	0.0	127	0.0	OFF	1737	0	127	0.00	0	68.6	68.6	68.6	38.2	38.2
6-7 PM	1425	0.0	105	0.0	OFF	1425	0	105	0.00	0	69.0	69.0	69.0	38.4	38.4
7-8 PM	1156	0.0	84	0.0	1500	1156	0	84	0.65	0	69.3	64.9	39.9	38.7	38.7
8-9 PM	968	0.0	71	0.0	1500	968	0	71	0.58	0	69.6	65.5	41.8	38.9	38.9
9-10 PM	796	0.0	59	0.0	1500	796	0	59	0.56	0	69.7	65.8	42.4	39.0	39.0
10-11 PM	620	0.0	46	0.0	1500	620	0	46	0.55	0	70.0	66.1	43.0	39.2	39.2
11PM-MID	413	0.0	30	0.0	1500	413	0	30	0.52	0	70.2	66.5	43.8	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	0.0471
MAIN ROUTE WITH WORKS	0.0467
DIVERSION	0.0636

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$620
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)
NIGHTTIME 2 LANE CLOSURE
DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

