

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY) OFF-PEAK DAY 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	OFF	247	0	18	0.00	0	70.2	70.2	70.2	39.5	39.5
1-2 AM	188	0.0	14	0.0	OFF	188	0	14	0.00	0	70.2	70.2	70.2	39.6	39.6
2-3 AM	134	0.0	10	0.0	OFF	134	0	10	0.00	0	70.2	70.2	70.2	39.6	39.6
3-4 AM	129	0.0	9	0.0	OFF	129	0	9	0.00	0	70.2	70.2	70.2	39.6	39.6
4-5 AM	131	0.0	10	0.0	OFF	131	0	10	0.00	0	70.2	70.2	70.2	39.6	39.6
5-6 AM	205	0.0	15	0.0	OFF	205	0	15	0.00	0	70.2	70.2	70.2	39.6	39.6
6-7 AM	306	0.0	22	0.0	OFF	306	0	22	0.00	0	70.2	70.2	70.2	39.5	39.5
7-8 AM	556	0.0	41	0.0	OFF	556	0	41	0.00	0	70.0	70.0	70.0	39.2	39.2
8-9 AM	913	0.0	67	0.0	OFF	913	0	67	0.00	0	69.6	69.6	69.6	38.9	38.9
9-10 AM	1376	0.0	101	0.0	3000	1376	0	101	0.34	0	69.0	66.6	49.7	38.5	38.5
10-11 AM	1823	0.0	135	0.0	3000	1823	0	135	0.34	0	68.5	66.2	49.7	38.1	38.1
11A-NOON	2120	0.0	156	0.0	3000	2120	0	156	0.33	0	68.1	65.8	49.7	37.8	37.8
NOON-1PM	2214	0.0	163	0.0	3000	2214	0	163	0.33	0	68.0	65.8	49.7	37.7	37.7
1-2 PM	2310	0.0	170	0.0	3000	2310	0	170	0.33	0	67.9	65.6	49.7	37.6	37.6
2-3 PM	2303	0.0	170	0.0	3000	2303	0	170	0.33	0	67.9	65.6	49.7	37.6	37.6
3-4 PM	2241	0.0	165	0.0	3000	2241	0	165	0.33	0	67.9	65.7	49.7	37.7	37.7
4-5 PM	2159	0.0	159	0.0	3000	2159	0	159	0.33	0	68.1	65.8	49.7	37.8	37.8
5-6 PM	1901	0.0	140	0.0	3000	1901	0	140	0.34	0	68.4	66.1	49.7	38.0	38.0
6-7 PM	1552	0.0	115	0.0	3000	1552	0	115	0.34	0	68.8	66.4	49.7	38.3	38.3
7-8 PM	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 PM	909	0.0	67	0.0	OFF	909	0	67	0.00	0	69.6	69.6	69.6	38.9	38.9
9-10 PM	658	0.0	49	0.0	OFF	658	0	49	0.00	0	69.9	69.9	69.9	39.1	39.1
10-11 PM	478	0.0	35	0.0	OFF	478	0	35	0.00	0	70.1	70.1	70.1	39.3	39.3
11PM-MID	336	0.0	24	0.0	OFF	336	0	24	0.00	0	70.2	70.2	70.2	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	0.0453
DIVERSION	0.0634

PIA: Personal Injury Accidents

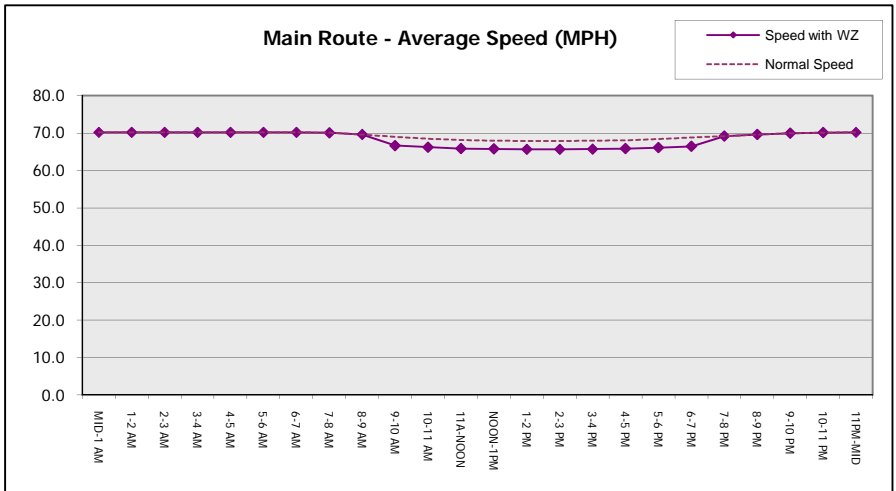
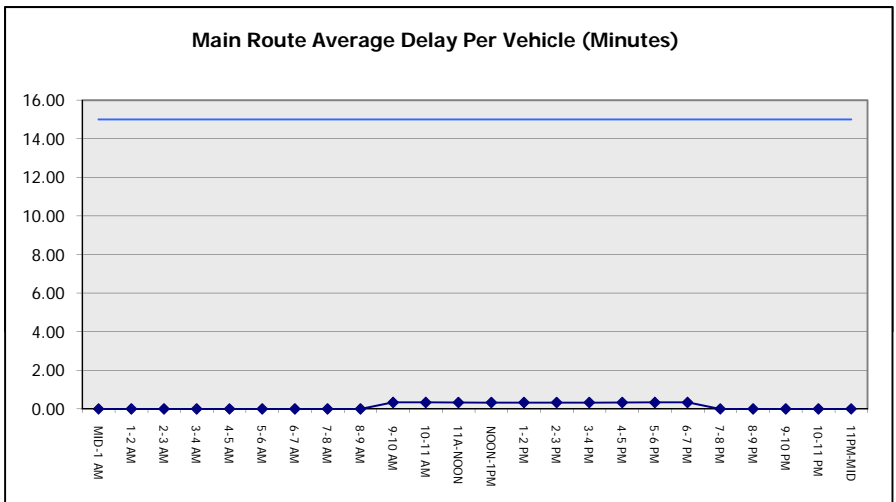
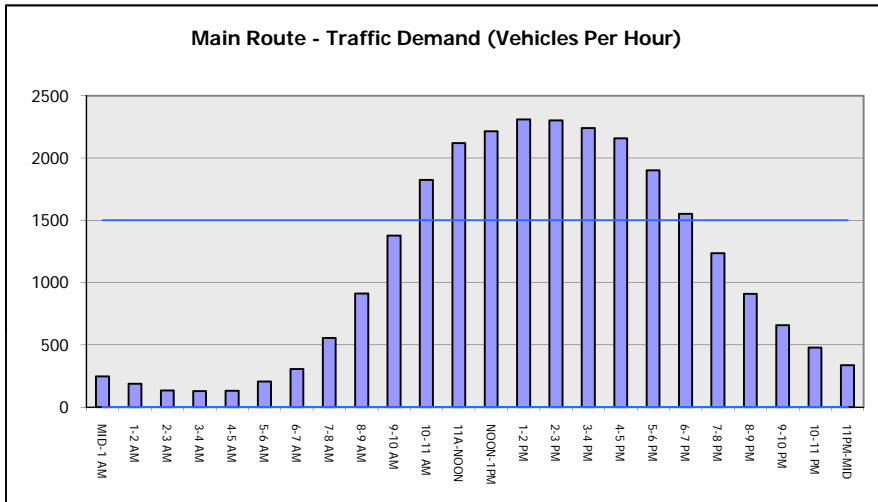
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,858
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)
OFF-PEAK DAY 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) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	OCTOBER
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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	OFF	329	0	24	0.00	0	70.2	70.2	70.2	39.4	39.4
1-2 AM	232	0.0	17	0.0	OFF	232	0	17	0.00	0	70.2	70.2	70.2	39.6	39.6
2-3 AM	211	0.0	15	0.0	OFF	211	0	15	0.00	0	70.2	70.2	70.2	39.6	39.6
3-4 AM	153	0.0	11	0.0	OFF	153	0	11	0.00	0	70.2	70.2	70.2	39.6	39.6
4-5 AM	178	0.0	13	0.0	OFF	178	0	13	0.00	0	70.2	70.2	70.2	39.6	39.6
5-6 AM	215	0.0	16	0.0	OFF	215	0	16	0.00	0	70.2	70.2	70.2	39.6	39.6
6-7 AM	297	0.0	22	0.0	OFF	297	0	22	0.00	0	70.2	70.2	70.2	39.5	39.5
7-8 AM	490	0.0	37	0.0	OFF	490	0	37	0.00	0	70.1	70.1	70.1	39.3	39.3
8-9 AM	863	0.0	64	0.0	OFF	863	0	64	0.00	0	69.7	69.7	69.7	38.9	38.9
9-10 AM	1593	0.0	118	0.0	3000	1593	0	118	0.34	0	68.7	66.4	49.7	38.3	38.3
10-11 AM	2494	0.0	184	0.0	2999	2494	0	184	0.43	0	67.6	64.8	46.1	37.4	37.4
11A-NOON	3253	0.0	240	0.0	2999	3253	0	240	2.26	91	66.7	54.4	37.3	36.8	36.8
NOON-1PM	3597	0.0	266	0.0	3000	3597	0	266	9.87	530	66.3	33.4	37.3	36.5	36.5
1-2 PM	3908	0.0	288	0.0	3000	3908	0	288	23.19	1289	64.1	19.8	37.3	36.1	36.1
2-3 PM	4044	0.0	298	0.0	3000	3801	243	541	39.78	2198	63.2	13.2	37.3	36.0	33.0
3-4 PM	4147	0.0	306	0.0	3000	3448	700	1006	50.68	2796	62.5	11.4	37.3	36.0	27.5
4-5 PM	4148	0.0	306	0.0	3000	3247	901	1207+	57.18	3155	62.5	10.9	37.3	36.0	25.3
5-6 PM	3620	0.0	267	0.0	3000	2692	928	1195	57.41	3132	66.1	10.9	37.3	36.5	25.4
6-7 PM	2872	0.0	212	0.0	3000	2231	641	853	47.32	2573	67.2	11.9	37.3	37.1	29.2
7-8 PM	2237	0.0	165	0.0	OFF	2237	0	165	7.47	629	67.9	38.6	38.6	37.7	37.7
8-9 PM	1660	0.0	123	0.0	OFF	1660	0	123	0.00	0	68.7	68.7	68.7	38.2	38.2
9-10 PM	1076	0.0	79	0.0	OFF	1076	0	79	0.00	0	69.4	69.4	69.4	38.8	38.8
10-11 PM	673	0.0	50	0.0	OFF	673	0	50	0.00	0	69.9	69.9	69.9	39.1	39.1
11PM-MID	427	0.0	31	0.0	OFF	427	0	31	0.00	0	70.2	70.2	70.2	39.4	39.4

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

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

----- 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	0.0674
DIVERSION	0.2137

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$307,630
CONGESTED HOURS PER DAY*	6

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

