

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	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	671	0.0	50	0.0	OFF	671	0	50	0.00	0	69.9	69.9	69.9	39.1	39.1
1-2 AM	385	0.0	28	0.0	OFF	385	0	28	0.00	0	70.2	70.2	70.2	39.4	39.4
2-3 AM	325	0.0	24	0.0	OFF	325	0	24	0.00	0	70.2	70.2	70.2	39.4	39.4
3-4 AM	261	0.0	19	0.0	OFF	261	0	19	0.00	0	70.2	70.2	70.2	39.5	39.5
4-5 AM	313	0.0	23	0.0	OFF	313	0	23	0.00	0	70.2	70.2	70.2	39.4	39.4
5-6 AM	487	0.0	36	0.0	OFF	487	0	36	0.00	0	70.1	70.1	70.1	39.3	39.3
6-7 AM	905	0.0	67	0.0	OFF	905	0	67	0.00	0	69.6	69.6	69.6	38.9	38.9
7-8 AM	1518	0.0	112	0.0	OFF	1518	0	112	0.00	0	68.9	68.9	68.9	38.4	38.4
8-9 AM	2448	0.0	181	0.0	2999	2448	0	181	0.42	0	67.7	64.9	46.4	37.5	37.5
9-10 AM	3290	0.0	242	0.0	2999	3290	0	242	2.44	104	66.6	53.5	37.3	36.8	36.8
10-11 AM	3753	0.0	277	0.0	3000	3753	0	277	11.82	655	65.2	30.2	37.3	36.3	36.3
11A-NOON	3646	0.0	269	0.0	2999	3646	0	269	25.51	1388	66.0	18.7	37.3	36.4	36.4
NOON-1PM	3061	0.0	226	0.0	3000	3061	0	226	32.40	1745	66.9	15.7	37.3	36.9	36.9
1-2 PM	2824	0.0	208	0.0	3000	2824	0	208	31.22	1679	67.3	16.2	37.3	37.1	37.1
2-3 PM	2524	0.0	187	0.0	3000	2524	0	187	25.22	1353	67.6	19.0	37.3	37.4	37.4
3-4 PM	2271	0.0	167	0.0	2999	2271	0	167	13.81	752	67.9	28.2	38.3	37.7	37.7
4-5 PM	1945	0.0	143	0.0	3000	1945	0	143	1.35	69	68.3	60.0	49.7	37.9	37.9
5-6 PM	1635	0.0	121	0.0	3000	1635	0	121	0.34	0	68.7	66.4	49.7	38.3	38.3
6-7 PM	1390	0.0	102	0.0	OFF	1390	0	102	0.00	0	69.0	69.0	69.0	38.5	38.5
7-8 PM	1115	0.0	82	0.0	OFF	1115	0	82	0.00	0	69.4	69.4	69.4	38.8	38.8
8-9 PM	944	0.0	70	0.0	OFF	944	0	70	0.00	0	69.6	69.6	69.6	38.9	38.9
9-10 PM	742	0.0	55	0.0	OFF	742	0	55	0.00	0	69.8	69.8	69.8	39.1	39.1
10-11 PM	574	0.0	43	0.0	OFF	574	0	43	0.00	0	70.0	70.0	70.0	39.2	39.2
11PM-MID	397	0.0	29	0.0	OFF	397	0	29	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	0.0661
MAIN ROUTE WITH WORKS	0.0643
DIVERSION	0.0899

PIA: Personal Injury Accidents

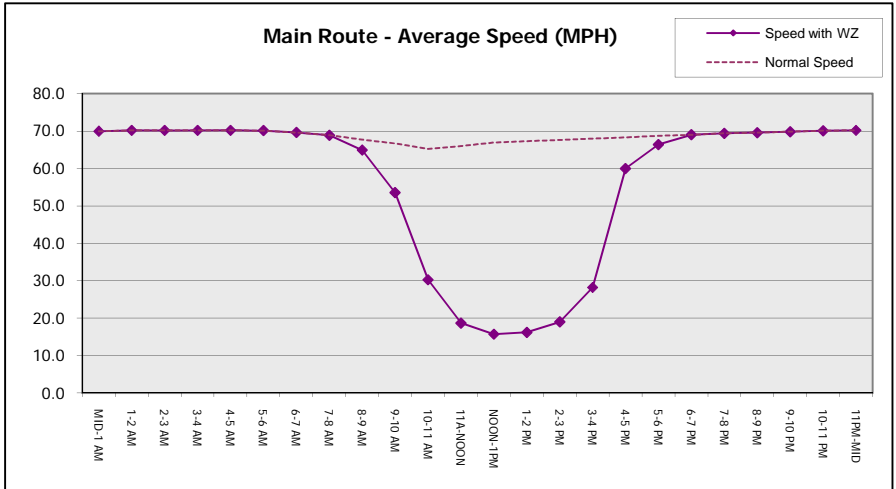
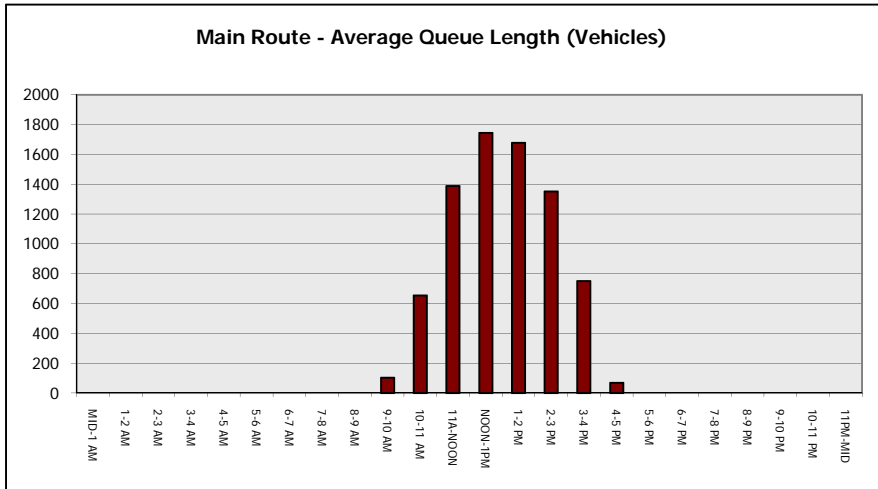
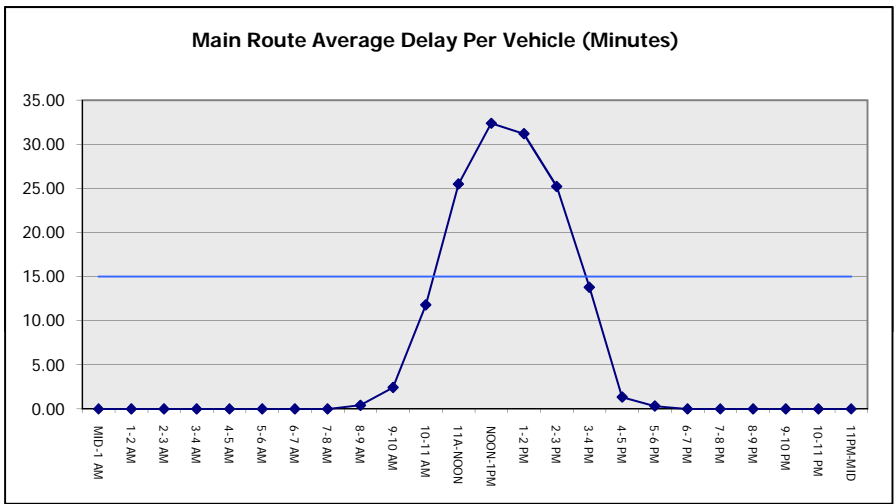
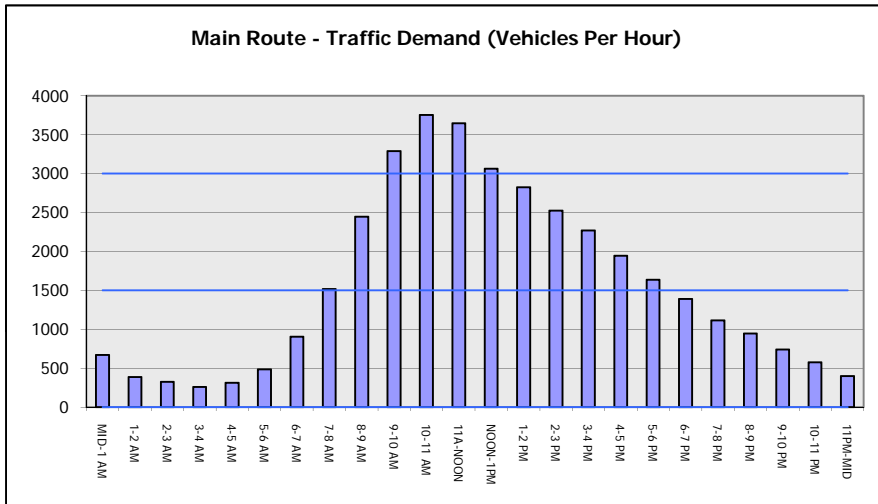
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$121,492
CONGESTED HOURS PER DAY*	4

*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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT	
SATURDAY	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	474	0.0	34	0.0	OFF	474	0	34	0.00	0	70.2	70.2	70.2	39.3	39.3
1-2 AM	357	0.0	26	0.0	OFF	357	0	26	0.00	0	70.2	70.2	70.2	39.4	39.4
2-3 AM	342	0.0	25	0.0	OFF	342	0	25	0.00	0	70.2	70.2	70.2	39.4	39.4
3-4 AM	324	0.0	24	0.0	OFF	324	0	24	0.00	0	70.2	70.2	70.2	39.4	39.4
4-5 AM	316	0.0	23	0.0	OFF	316	0	23	0.00	0	70.2	70.2	70.2	39.4	39.4
5-6 AM	385	0.0	28	0.0	OFF	385	0	28	0.00	0	70.2	70.2	70.2	39.4	39.4
6-7 AM	548	0.0	41	0.0	OFF	548	0	41	0.00	0	70.0	70.0	70.0	39.2	39.2
7-8 AM	837	0.0	62	0.0	OFF	837	0	62	0.00	0	69.7	69.7	69.7	39.0	39.0
8-9 AM	1206	0.0	89	0.0	3000	1206	0	89	0.35	0	69.2	66.8	49.7	38.6	38.6
9-10 AM	1765	0.0	130	0.0	3000	1765	0	130	0.34	0	68.6	66.3	49.7	38.1	38.1
10-11 AM	2510	0.0	186	0.0	2999	2510	0	186	0.42	0	67.6	64.9	46.5	37.4	37.4
11A-NOON	2952	0.0	218	0.0	2999	2952	0	218	0.74	2	67.1	62.4	38.2	37.0	37.0
NOON-1PM	3061	0.0	226	0.0	3000	3061	0	226	1.39	37	66.9	58.7	37.3	36.9	36.9
1-2 PM	3090	0.0	228	0.0	3000	3090	0	228	2.86	118	66.9	52.0	37.3	36.9	36.9
2-3 PM	3012	0.0	222	0.0	2999	3012	0	222	3.99	179	67.0	47.8	37.3	37.0	37.0
3-4 PM	2722	0.0	201	0.0	2999	2722	0	201	1.65	62	67.4	57.8	40.4	37.3	37.3
4-5 PM	2681	0.0	198	0.0	3000	2681	0	198	0.52	0	67.4	64.0	42.8	37.3	37.3
5-6 PM	2303	0.0	170	0.0	3000	2303	0	170	0.33	0	67.9	65.6	49.7	37.6	37.6
6-7 PM	2003	0.0	148	0.0	OFF	2003	0	148	0.00	0	68.2	68.2	68.2	37.9	37.9
7-8 PM	1762	0.0	130	0.0	OFF	1762	0	130	0.00	0	68.6	68.6	68.6	38.1	38.1
8-9 PM	1488	0.0	110	0.0	OFF	1488	0	110	0.00	0	68.9	68.9	68.9	38.4	38.4
9-10 PM	1260	0.0	93	0.0	OFF	1260	0	93	0.00	0	69.2	69.2	69.2	38.6	38.6
10-11 PM	1008	0.0	74	0.0	OFF	1008	0	74	0.00	0	69.5	69.5	69.5	38.8	38.8
11PM-MID	669	0.0	50	0.0	OFF	669	0	50	0.00	0	69.9	69.9	69.9	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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0655
MAIN ROUTE WITH WORKS	0.0638
DIVERSION	0.0891

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$10,130
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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

