

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

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	430	0.0	31	0.0	OFF	430	0	31	0.00	0	70.2	70.2	70.2	39.4	39.4
1-2 AM	327	0.0	24	0.0	OFF	327	0	24	0.00	0	70.2	70.2	70.2	39.4	39.4
2-3 AM	308	0.0	22	0.0	OFF	308	0	22	0.00	0	70.2	70.2	70.2	39.5	39.5
3-4 AM	284	0.0	21	0.0	OFF	284	0	21	0.00	0	70.2	70.2	70.2	39.5	39.5
4-5 AM	366	0.0	27	0.0	OFF	366	0	27	0.00	0	70.2	70.2	70.2	39.4	39.4
5-6 AM	592	0.0	44	0.0	OFF	592	0	44	0.00	0	70.0	70.0	70.0	39.2	39.2
6-7 AM	1001	0.0	74	0.0	OFF	1001	0	74	0.00	0	69.5	69.5	69.5	38.8	38.8
7-8 AM	1550	0.0	115	0.0	OFF	1550	0	115	0.00	0	68.8	68.8	68.8	38.3	38.3
8-9 AM	1780	0.0	131	0.0	OFF	1780	0	131	0.00	0	68.5	68.5	68.5	38.1	38.1
9-10 AM	2042	0.0	151	0.0	1499	2042	0	151	9.45	256	68.2	34.7	30.8	37.9	37.9
10-11 AM	2249	0.0	166	0.0	1500	2088	162	328	33.16	864	67.9	15.5	30.8	37.7	35.6
11A-NOON	2430	0.0	180	0.0	1499	1707	723	903	48.41	1244	67.7	11.4	30.8	37.5	28.5
NOON-1PM	2501	0.0	185	0.0	1499	1596	906	1090	53.56	1378	67.6	10.5	30.8	37.4	26.2
1-2 PM	2843	0.0	210	0.0	1499	1761	1082	1292+	60.20	1555	67.2	9.5	30.8	37.1	23.7
2-3 PM	3222	0.0	237	0.0	1499	1881	1341	1578+	72.48	1880	66.8	8.1	30.8	36.8	20.1
3-4 PM	3474	0.0	257	0.0	1499	1500	1974	2231+	79.14	2052	66.4	7.5	30.8	36.6	18.6
4-5 PM	3739	0.0	276	0.0	OFF	3739	0	276	12.34	951	65.3	29.6	29.6	36.3	36.3
5-6 PM	3794	0.0	280	0.0	OFF	3794	0	280	0.00	0	65.0	65.0	65.0	36.3	36.3
6-7 PM	3530	0.0	261	0.0	OFF	3530	0	261	0.00	0	66.3	66.3	66.3	36.5	36.5
7-8 PM	3003	0.0	221	0.0	OFF	3003	0	221	0.00	0	67.0	67.0	67.0	37.0	37.0
8-9 PM	2260	0.0	166	0.0	OFF	2260	0	166	0.00	0	67.9	67.9	67.9	37.7	37.7
9-10 PM	1747	0.0	129	0.0	OFF	1747	0	129	0.00	0	68.6	68.6	68.6	38.1	38.1
10-11 PM	1248	0.0	92	0.0	OFF	1248	0	92	0.00	0	69.2	69.2	69.2	38.6	38.6
11PM-MID	856	0.0	63	0.0	OFF	856	0	63	0.00	0	69.7	69.7	69.7	38.9	38.9

"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	0.0805
MAIN ROUTE WITH WORKS	0.0687
DIVERSION	0.3109

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$243,197
CONGESTED HOURS PER DAY*	6

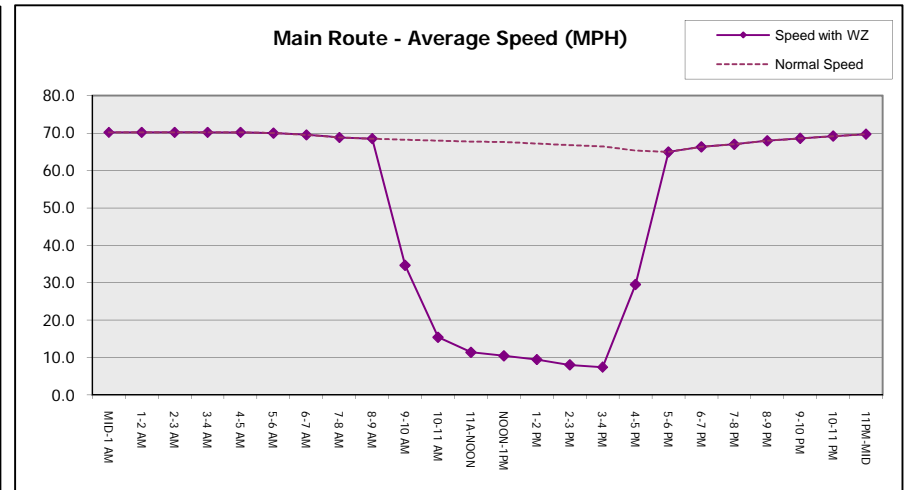
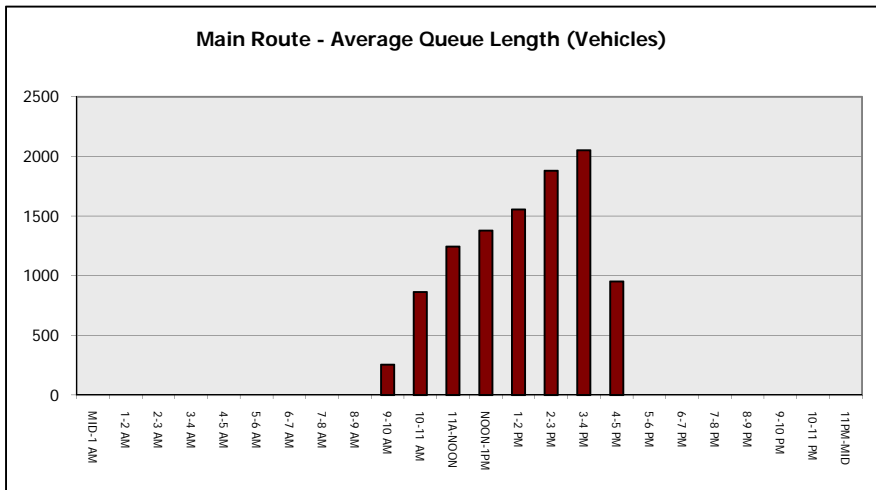
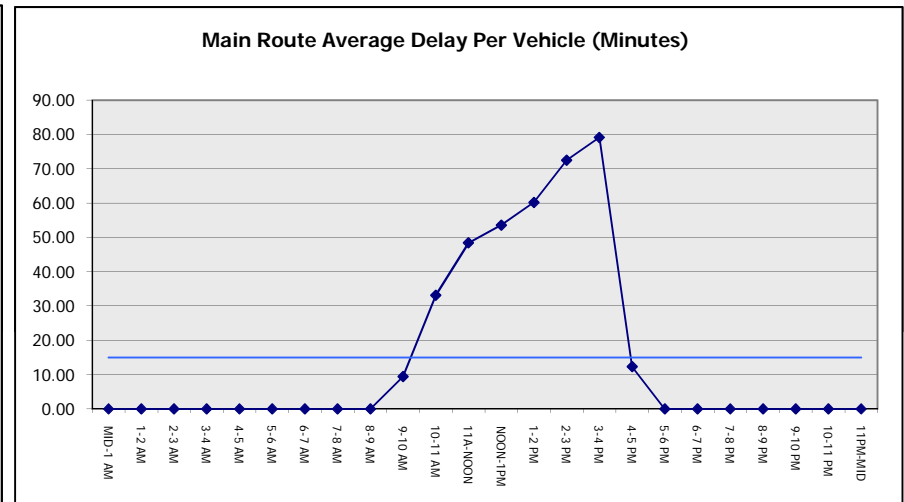
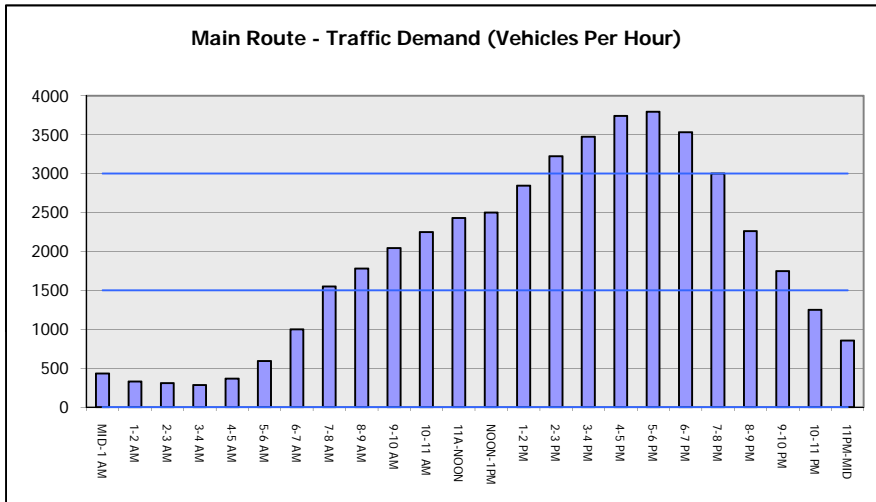
*Delays Exceeding 15 Minutes

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)
OFF-PEAK DAY 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

FRIDAY WESTBOUND DIRECTION



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

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	336	0.0	24	0.0	OFF	336	0	24	0.00	0	70.2	70.2	70.2	39.4	39.4
1-2 AM	281	0.0	20	0.0	OFF	281	0	20	0.00	0	70.2	70.2	70.2	39.5	39.5
2-3 AM	280	0.0	20	0.0	OFF	280	0	20	0.00	0	70.2	70.2	70.2	39.5	39.5
3-4 AM	306	0.0	22	0.0	OFF	306	0	22	0.00	0	70.2	70.2	70.2	39.5	39.5
4-5 AM	391	0.0	28	0.0	OFF	391	0	28	0.00	0	70.2	70.2	70.2	39.4	39.4
5-6 AM	705	0.0	52	0.0	OFF	705	0	52	0.00	0	69.9	69.9	69.9	39.1	39.1
6-7 AM	1091	0.0	80	0.0	OFF	1091	0	80	0.00	0	69.4	69.4	69.4	38.8	38.8
7-8 AM	1209	0.0	89	0.0	OFF	1209	0	89	0.00	0	69.2	69.2	69.2	38.6	38.6
8-9 AM	1202	0.0	88	0.0	OFF	1202	0	88	0.00	0	69.2	69.2	69.2	38.6	38.6
9-10 AM	1365	0.0	100	0.0	1499	1365	0	100	0.92	0	69.1	63.0	33.8	38.5	38.5
10-11 AM	1601	0.0	118	0.0	1499	1601	0	118	2.53	39	68.7	54.5	30.8	38.3	38.3
11A-NOON	1705	0.0	126	0.0	1500	1705	0	126	8.30	195	68.6	36.9	30.8	38.2	38.2
NOON-1PM	1842	0.0	136	0.0	1500	1842	0	136	18.45	467	68.4	23.6	30.8	38.1	38.1
1-2 PM	1988	0.0	147	0.0	1500	1886	102	249	33.23	851	68.2	15.5	30.8	37.9	36.6
2-3 PM	2273	0.0	167	0.0	1499	1698	575	742	44.61	1144	67.9	12.2	30.8	37.7	30.6
3-4 PM	2261	0.0	167	0.0	1499	1524	738	905	48.49	1244	67.9	11.4	30.8	37.7	28.5
4-5 PM	2308	0.0	170	0.0	OFF	2308	0	170	2.36	213	67.9	54.7	54.7	37.6	37.6
5-6 PM	2174	0.0	160	0.0	OFF	2174	0	160	0.00	0	68.1	68.1	68.1	37.8	37.8
6-7 PM	1822	0.0	135	0.0	OFF	1822	0	135	0.00	0	68.5	68.5	68.5	38.1	38.1
7-8 PM	1603	0.0	119	0.0	OFF	1603	0	119	0.00	0	68.7	68.7	68.7	38.3	38.3
8-9 PM	1364	0.0	100	0.0	OFF	1364	0	100	0.00	0	69.1	69.1	69.1	38.5	38.5
9-10 PM	1198	0.0	88	0.0	OFF	1198	0	88	0.00	0	69.2	69.2	69.2	38.6	38.6
10-11 PM	887	0.0	66	0.0	OFF	887	0	66	0.00	0	69.6	69.6	69.6	38.9	38.9
11PM-MID	541	0.0	40	0.0	OFF	541	0	40	0.00	0	70.0	70.0	70.0	39.2	39.2

"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	0.0543
MAIN ROUTE WITH WORKS	0.0510
DIVERSION	0.1198

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$76,278
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 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
FRIDAY EASTBOUND DIRECTION

