

<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39</b>	<b>AUGUST</b>
	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	537	0.0	40	0.0	3000	537	0	40	0.36	0	70.0	67.5	49.7	39.2	39.2
1-2 AM	422	0.0	31	0.0	3000	422	0	31	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	353	0.0	26	0.0	3000	353	0	26	0.36	0	70.2	67.6	49.7	39.4	39.4
3-4 AM	326	0.0	24	0.0	3000	326	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
4-5 AM	375	0.0	27	0.0	3000	375	0	27	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	565	0.0	42	0.0	3000	565	0	42	0.36	0	70.0	67.5	49.7	39.2	39.2
6-7 AM	985	0.0	73	0.0	3000	985	0	73	0.35	0	69.5	67.1	49.7	38.8	38.8
7-8 AM	1498	0.0	111	0.0	3000	1498	0	111	0.34	0	68.9	66.5	49.7	38.4	38.4
8-9 AM	1987	0.0	147	0.0	3000	1987	0	147	0.33	0	68.2	66.0	49.7	37.9	37.9
9-10 AM	2553	0.0	189	0.0	2999	2553	0	189	0.44	0	67.6	64.7	45.7	37.4	37.4
10-11 AM	2958	0.0	218	0.0	2999	2958	0	218	0.76	4	67.1	62.3	38.2	37.0	37.0
11A-NOON	3166	0.0	233	0.0	3000	3166	0	233	2.28	89	66.8	54.3	37.3	36.8	36.8
NOON-1PM	3318	0.0	245	0.0	3000	3318	0	245	6.67	337	66.6	39.9	37.3	36.7	36.7
1-2 PM	3333	0.0	246	0.0	2999	3333	0	246	12.45	655	66.6	29.7	37.3	36.7	36.7
2-3 PM	3732	0.0	276	0.0	3000	3732	0	276	21.45	1175	65.4	21.1	37.3	36.3	36.3
3-4 PM	4130	0.0	304	0.0	3000	3953	177	481	37.39	2077	62.7	13.8	37.3	36.0	33.8
4-5 PM	4046	0.0	298	0.0	3000	3380	666	964	49.60	2729	63.2	11.6	37.3	36.0	28.0
5-6 PM	3978	0.0	293	0.0	3000	3156	822	1115	54.24	2980	63.7	11.2	37.3	36.1	26.3
6-7 PM	4083	0.0	301	0.0	3000	3170	913	1214+	57.51	3169	63.0	10.9	37.3	36.0	25.2
7-8 PM	3238	0.0	238	0.0	3000	2384	854	1092	54.09	2946	66.7	11.2	37.3	36.8	26.6
8-9 PM	2514	0.0	186	0.0	3000	2173	341	526	40.18	2185	67.6	13.3	37.3	37.4	33.2
9-10 PM	2018	0.0	149	0.0	3000	2018	0	149	24.22	1322	68.2	19.6	37.4	37.9	37.9
10-11 PM	1450	0.0	108	0.0	2999	1450	0	108	3.12	223	68.9	52.1	49.7	38.4	38.4
11PM-MID	1014	0.0	75	0.0	3000	1014	0	75	0.35	0	69.5	67.0	49.7	38.8	38.8

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0929
MAIN ROUTE WITH WORKS	0.0830
DIVERSION	0.2490

PIA: Personal Injury Accidents

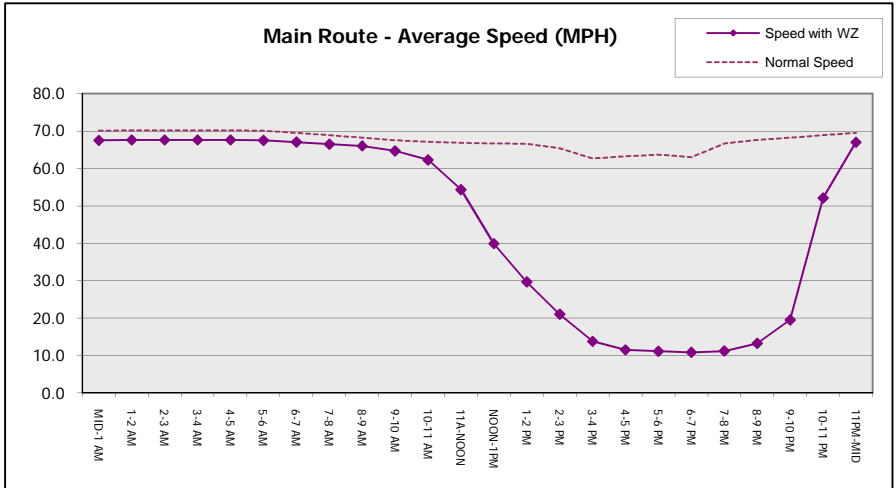
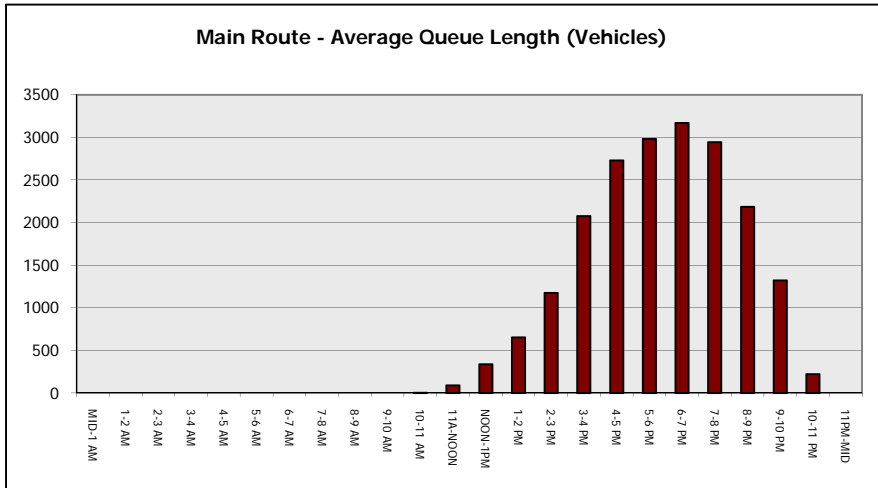
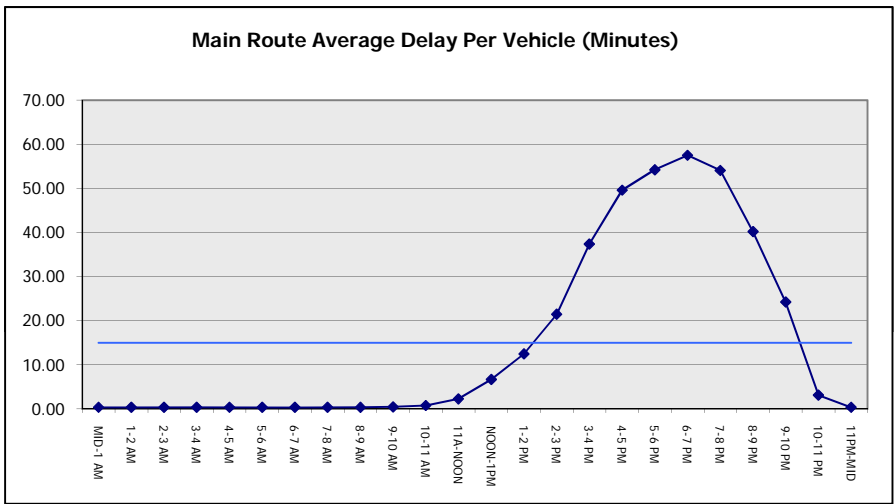
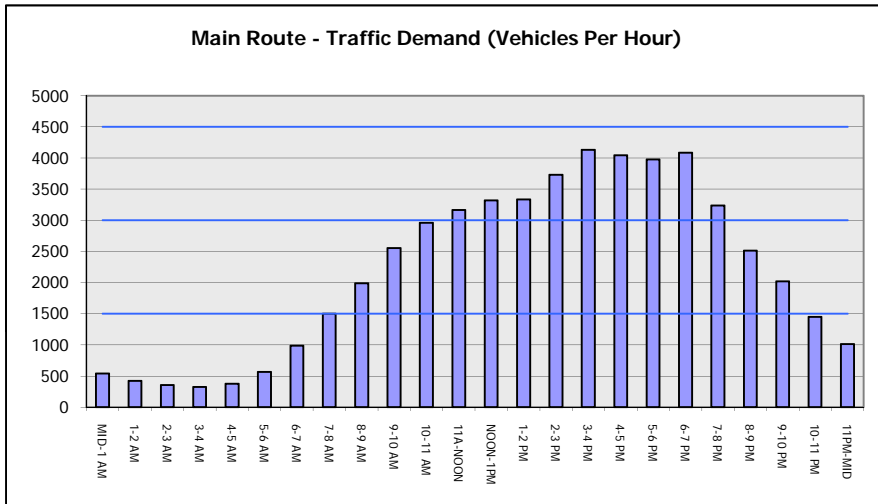
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$320,627
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)**  
**CONTINUOUS (24 HOUR) 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**  
**FRIDAY WESTBOUND DIRECTION**



<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39</b>	<b>AUGUST</b>
	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						
	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	393	0.0	29	0.0	3000	393	0	29	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	347	0.0	25	0.0	3000	347	0	25	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	305	0.0	22	0.0	3000	305	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	331	0.0	24	0.0	3000	331	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
4-5 AM	417	0.0	30	0.0	3000	417	0	30	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	726	0.0	54	0.0	3000	726	0	54	0.35	0	69.8	67.3	49.7	39.1	39.1
6-7 AM	1093	0.0	81	0.0	3000	1093	0	81	0.35	0	69.4	66.9	49.7	38.8	38.8
7-8 AM	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 AM	1292	0.0	95	0.0	3000	1292	0	95	0.35	0	69.1	66.8	49.7	38.6	38.6
9-10 AM	1573	0.0	116	0.0	3000	1573	0	116	0.34	0	68.8	66.4	49.7	38.3	38.3
10-11 AM	2007	0.0	148	0.0	3000	2007	0	148	0.33	0	68.2	66.0	49.7	37.9	37.9
11A-NOON	2228	0.0	164	0.0	3000	2228	0	164	0.33	0	67.9	65.8	49.7	37.7	37.7
NOON-1PM	2249	0.0	166	0.0	3000	2249	0	166	0.33	0	67.9	65.7	49.7	37.7	37.7
1-2 PM	2548	0.0	188	0.0	3000	2548	0	188	0.43	0	67.6	64.7	45.7	37.4	37.4
2-3 PM	2853	0.0	211	0.0	3000	2853	0	211	0.63	0	67.2	63.2	39.6	37.1	37.1
3-4 PM	2783	0.0	205	0.0	3000	2783	0	205	0.59	0	67.3	63.5	40.9	37.2	37.2
4-5 PM	2725	0.0	201	0.0	3000	2725	0	201	0.55	0	67.4	63.8	42.0	37.3	37.3
5-6 PM	2480	0.0	183	0.0	3000	2480	0	183	0.39	0	67.6	65.1	47.3	37.4	37.4
6-7 PM	2125	0.0	157	0.0	3000	2125	0	157	0.33	0	68.1	65.8	49.7	37.8	37.8
7-8 PM	1836	0.0	136	0.0	3000	1836	0	136	0.34	0	68.4	66.1	49.7	38.1	38.1
8-9 PM	1618	0.0	120	0.0	3000	1618	0	120	0.34	0	68.7	66.4	49.7	38.3	38.3
9-10 PM	1338	0.0	98	0.0	3000	1338	0	98	0.35	0	69.1	66.7	49.7	38.5	38.5
10-11 PM	1017	0.0	75	0.0	3000	1017	0	75	0.35	0	69.5	67.0	49.7	38.8	38.8
11PM-MID	690	0.0	51	0.0	3000	690	0	51	0.36	0	69.9	67.4	49.7	39.1	39.1

*----- 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	0.0640
MAIN ROUTE WITH WORKS	0.0616
DIVERSION	0.0870

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,670
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39**

**AUGUST**  
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 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

