

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	OCTOBER
	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	405	0.0	29	0.0	3000	405	0	29	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	335	0.0	24	0.0	3000	335	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	293	0.0	21	0.0	3000	293	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	306	0.0	22	0.0	3000	306	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	345	0.0	25	0.0	3000	345	0	25	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	545	0.0	41	0.0	3000	545	0	41	0.36	0	70.0	67.5	49.7	39.2	39.2
6-7 AM	892	0.0	66	0.0	3000	892	0	66	0.35	0	69.6	67.1	49.7	38.9	38.9
7-8 AM	1332	0.0	98	0.0	3000	1332	0	98	0.35	0	69.1	66.7	49.7	38.5	38.5
8-9 AM	1569	0.0	116	0.0	3000	1569	0	116	0.34	0	68.8	66.4	49.7	38.3	38.3
9-10 AM	1821	0.0	134	0.0	3000	1821	0	134	0.34	0	68.5	66.2	49.7	38.1	38.1
10-11 AM	2072	0.0	153	0.0	3000	2072	0	153	0.33	0	68.2	65.9	49.7	37.8	37.8
11A-NOON	2262	0.0	167	0.0	3000	2262	0	167	0.33	0	67.9	65.7	49.7	37.7	37.7
NOON-1PM	2327	0.0	171	0.0	3000	2327	0	171	0.33	0	67.8	65.6	49.7	37.6	37.6
1-2 PM	2544	0.0	188	0.0	3000	2544	0	188	0.43	0	67.6	64.8	45.8	37.4	37.4
2-3 PM	2701	0.0	200	0.0	3000	2701	0	200	0.53	0	67.4	63.9	42.4	37.3	37.3
3-4 PM	2833	0.0	209	0.0	3000	2833	0	209	0.62	0	67.2	63.3	40.0	37.1	37.1
4-5 PM	2941	0.0	217	0.0	2999	2941	0	217	0.69	0	67.1	62.7	38.2	37.1	37.1
5-6 PM	3003	0.0	221	0.0	2999	3003	0	221	0.85	6	67.0	61.7	37.3	37.0	37.0
6-7 PM	2768	0.0	204	0.0	3000	2768	0	204	0.58	0	67.3	63.6	41.2	37.2	37.2
7-8 PM	2351	0.0	173	0.0	3000	2351	0	173	0.33	0	67.8	65.6	49.7	37.6	37.6
8-9 PM	1893	0.0	140	0.0	3000	1893	0	140	0.34	0	68.4	66.1	49.7	38.0	38.0
9-10 PM	1402	0.0	103	0.0	3000	1402	0	103	0.34	0	69.0	66.6	49.7	38.4	38.4
10-11 PM	1010	0.0	74	0.0	3000	1010	0	74	0.35	0	69.5	67.0	49.7	38.8	38.8
11PM-MID	671	0.0	50	0.0	3000	671	0	50	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 (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	0.0682
MAIN ROUTE WITH WORKS	0.0657
DIVERSION	0.0927

PIA: Personal Injury Accidents

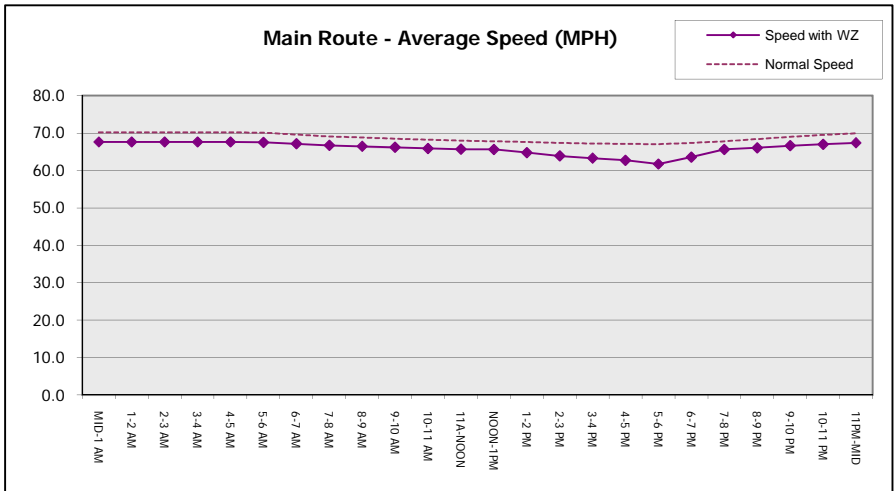
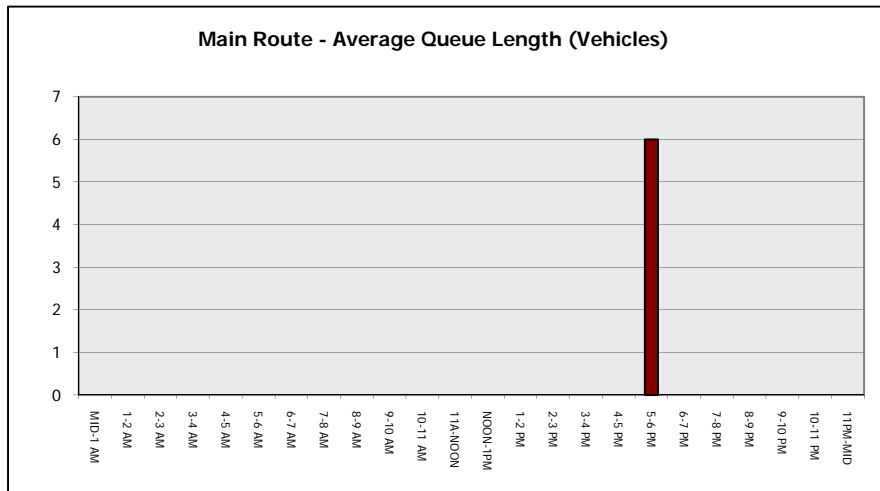
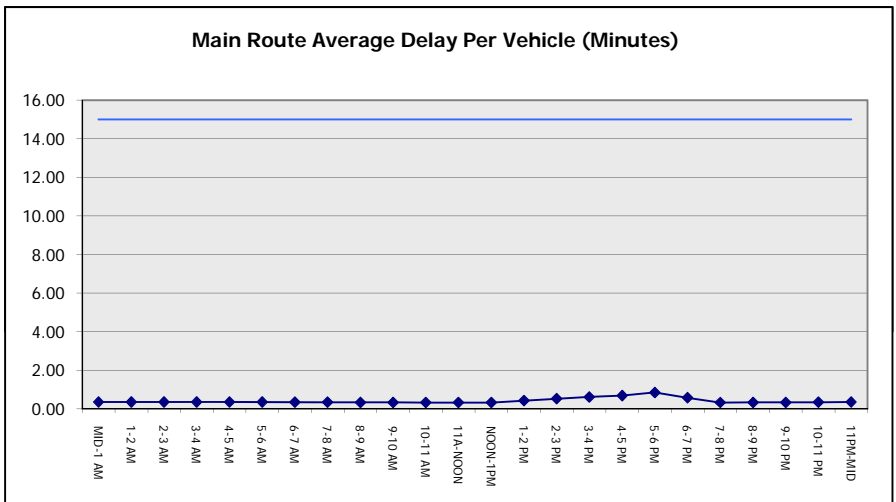
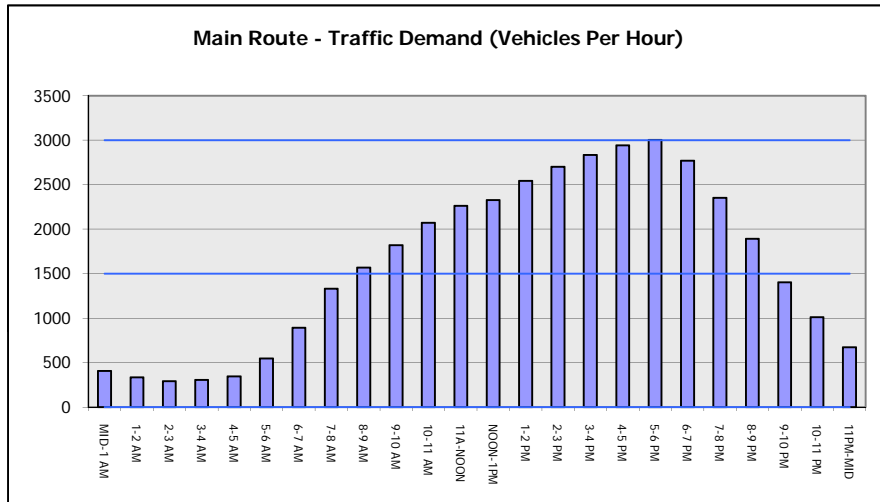
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,607
CONGESTED HOURS PER DAY*	0

*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

OCTOBER
 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) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	OCTOBER
	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	325	0.0	24	0.0	3000	325	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	270	0.0	20	0.0	3000	270	0	20	0.36	0	70.2	67.6	49.7	39.5	39.5
2-3 AM	291	0.0	21	0.0	3000	291	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	311	0.0	23	0.0	3000	311	0	23	0.36	0	70.2	67.6	49.7	39.4	39.4
4-5 AM	407	0.0	30	0.0	3000	407	0	30	0.36	0	70.2	67.6	49.7	39.4	39.4
5-6 AM	687	0.0	51	0.0	3000	687	0	51	0.36	0	69.9	67.4	49.7	39.1	39.1
6-7 AM	1075	0.0	79	0.0	3000	1075	0	79	0.35	0	69.4	66.9	49.7	38.8	38.8
7-8 AM	1205	0.0	89	0.0	3000	1205	0	89	0.35	0	69.2	66.8	49.7	38.6	38.6
8-9 AM	1234	0.0	91	0.0	3000	1234	0	91	0.35	0	69.2	66.8	49.7	38.6	38.6
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	1646	0.0	122	0.0	3000	1646	0	122	0.34	0	68.7	66.4	49.7	38.3	38.3
11A-NOON	1834	0.0	135	0.0	3000	1834	0	135	0.34	0	68.4	66.1	49.7	38.1	38.1
NOON-1PM	1988	0.0	147	0.0	3000	1988	0	147	0.33	0	68.2	66.0	49.7	37.9	37.9
1-2 PM	2215	0.0	163	0.0	3000	2215	0	163	0.33	0	68.0	65.8	49.7	37.7	37.7
2-3 PM	2422	0.0	178	0.0	3000	2422	0	178	0.35	0	67.8	65.4	48.7	37.5	37.5
3-4 PM	2408	0.0	177	0.0	3000	2408	0	177	0.34	0	67.8	65.5	49.1	37.6	37.6
4-5 PM	2674	0.0	198	0.0	3000	2674	0	198	0.52	0	67.4	64.1	43.0	37.3	37.3
5-6 PM	2378	0.0	175	0.0	3000	2378	0	175	0.33	0	67.8	65.6	49.7	37.6	37.6
6-7 PM	2002	0.0	148	0.0	3000	2002	0	148	0.33	0	68.2	66.0	49.7	37.9	37.9
7-8 PM	1678	0.0	124	0.0	3000	1678	0	124	0.34	0	68.6	66.3	49.7	38.2	38.2
8-9 PM	1380	0.0	101	0.0	3000	1380	0	101	0.34	0	69.0	66.6	49.7	38.5	38.5
9-10 PM	1055	0.0	78	0.0	3000	1055	0	78	0.35	0	69.4	67.0	49.7	38.8	38.8
10-11 PM	792	0.0	59	0.0	3000	792	0	59	0.35	0	69.7	67.3	49.7	39.0	39.0
11PM-MID	506	0.0	38	0.0	3000	506	0	38	0.36	0	70.1	67.6	49.7	39.2	39.2

----- 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	0.0568
MAIN ROUTE WITH WORKS	0.0547
DIVERSION	0.0773

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,311
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

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

