

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	MAY
	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	250	0.0	18	0.0	3000	250	0	18	0.36	0	70.2	67.6	49.7	39.5	39.5
1-2 AM	165	0.0	12	0.0	3000	165	0	12	0.36	0	70.2	67.6	49.7	39.6	39.6
2-3 AM	113	0.0	8	0.0	3000	113	0	8	0.36	0	70.2	67.6	49.7	39.6	39.6
3-4 AM	111	0.0	8	0.0	3000	111	0	8	0.36	0	70.2	67.6	49.7	39.6	39.6
4-5 AM	124	0.0	9	0.0	3000	124	0	9	0.36	0	70.2	67.6	49.7	39.6	39.6
5-6 AM	177	0.0	13	0.0	3000	177	0	13	0.36	0	70.2	67.6	49.7	39.6	39.6
6-7 AM	315	0.0	23	0.0	3000	315	0	23	0.36	0	70.2	67.6	49.7	39.4	39.4
7-8 AM	595	0.0	44	0.0	3000	595	0	44	0.36	0	70.0	67.4	49.7	39.2	39.2
8-9 AM	971	0.0	72	0.0	3000	971	0	72	0.35	0	69.6	67.1	49.7	38.9	38.9
9-10 AM	1452	0.0	108	0.0	3000	1452	0	108	0.34	0	68.9	66.6	49.7	38.4	38.4
10-11 AM	1904	0.0	141	0.0	3000	1904	0	141	0.34	0	68.4	66.1	49.7	38.0	38.0
11A-NOON	2140	0.0	158	0.0	3000	2140	0	158	0.33	0	68.1	65.8	49.7	37.8	37.8
NOON-1PM	2161	0.0	159	0.0	3000	2161	0	159	0.33	0	68.1	65.8	49.7	37.8	37.8
1-2 PM	2182	0.0	161	0.0	3000	2182	0	161	0.33	0	68.0	65.8	49.7	37.8	37.8
2-3 PM	2230	0.0	164	0.0	3000	2230	0	164	0.33	0	67.9	65.8	49.7	37.7	37.7
3-4 PM	2158	0.0	159	0.0	3000	2158	0	159	0.33	0	68.1	65.8	49.7	37.8	37.8
4-5 PM	2064	0.0	152	0.0	3000	2064	0	152	0.33	0	68.2	65.9	49.7	37.9	37.9
5-6 PM	2032	0.0	150	0.0	3000	2032	0	150	0.33	0	68.2	66.0	49.7	37.9	37.9
6-7 PM	1781	0.0	132	0.0	3000	1781	0	132	0.34	0	68.5	66.2	49.7	38.1	38.1
7-8 PM	1377	0.0	101	0.0	3000	1377	0	101	0.34	0	69.0	66.6	49.7	38.5	38.5
8-9 PM	1020	0.0	75	0.0	3000	1020	0	75	0.35	0	69.5	67.0	49.7	38.8	38.8
9-10 PM	726	0.0	54	0.0	3000	726	0	54	0.35	0	69.8	67.3	49.7	39.1	39.1
10-11 PM	480	0.0	36	0.0	3000	480	0	36	0.36	0	70.1	67.6	49.7	39.3	39.3
11PM-MID	363	0.0	26	0.0	3000	363	0	26	0.36	0	70.2	67.6	49.7	39.4	39.4

----- 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	0.0475
MAIN ROUTE WITH WORKS	0.0457
DIVERSION	0.0646

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,512
CONGESTED HOURS PER DAY*	0

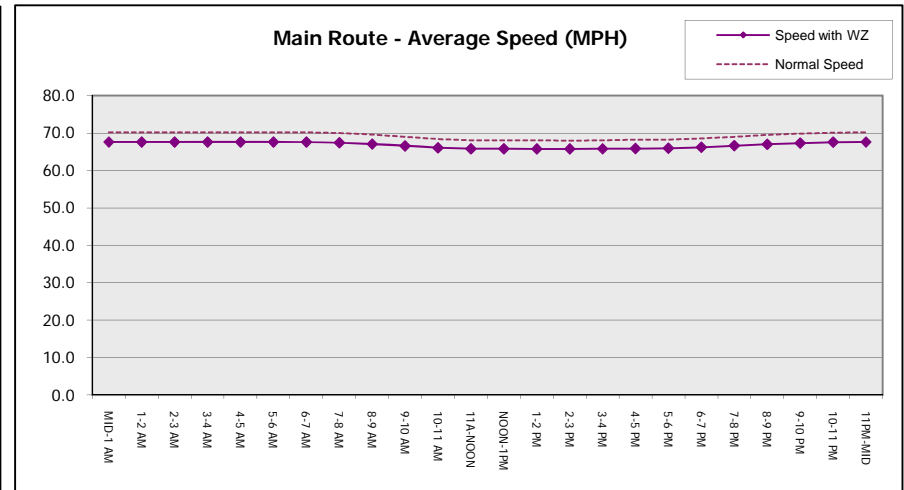
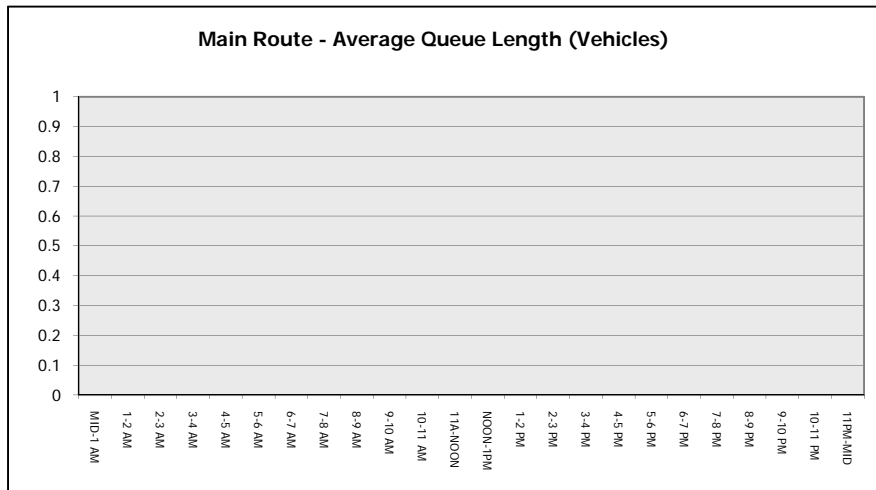
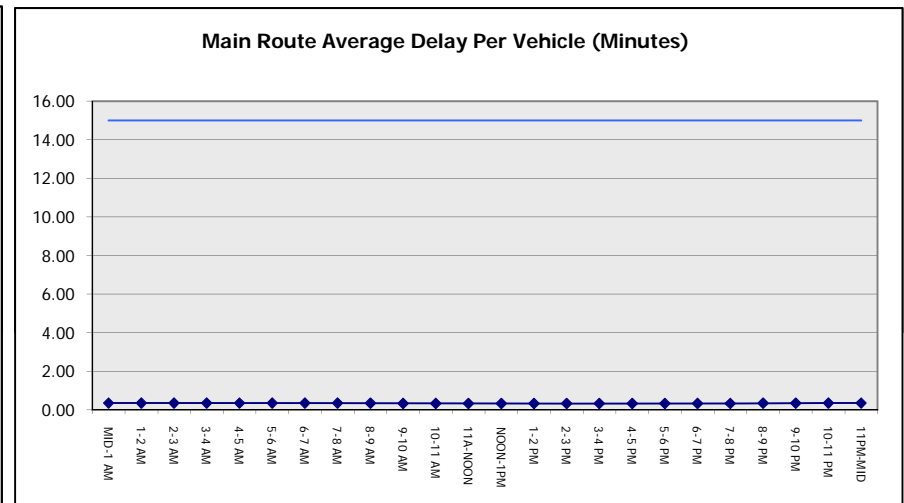
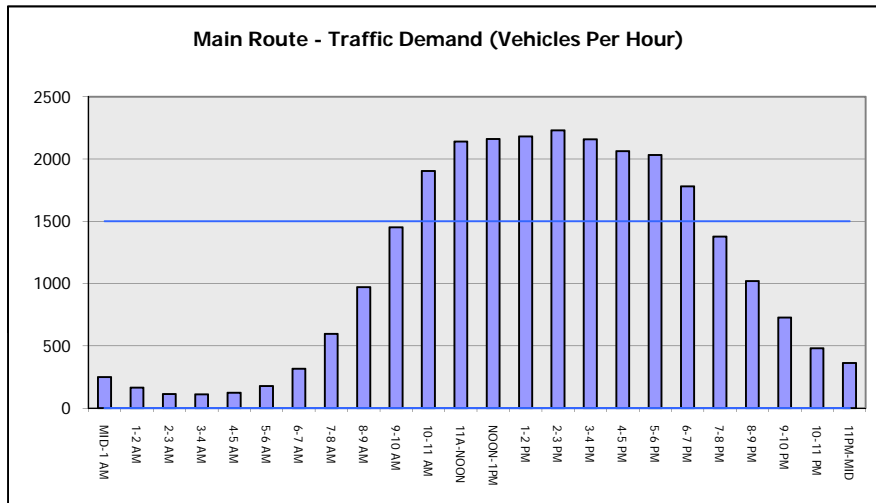
*Delays Exceeding 15 Minutes

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

MAY
 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) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	MAY
	Analyzed for 2009 Construction Season

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	312	0.0	23	0.0	3000	312	0	23	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	230	0.0	17	0.0	3000	230	0	17	0.36	0	70.2	67.6	49.7	39.6	39.6
2-3 AM	213	0.0	15	0.0	3000	213	0	15	0.36	0	70.2	67.6	49.7	39.6	39.6
3-4 AM	169	0.0	12	0.0	3000	169	0	12	0.36	0	70.2	67.6	49.7	39.6	39.6
4-5 AM	159	0.0	12	0.0	3000	159	0	12	0.36	0	70.2	67.6	49.7	39.6	39.6
5-6 AM	220	0.0	16	0.0	3000	220	0	16	0.36	0	70.2	67.6	49.7	39.6	39.6
6-7 AM	306	0.0	22	0.0	3000	306	0	22	0.36	0	70.2	67.6	49.7	39.5	39.5
7-8 AM	561	0.0	42	0.0	3000	561	0	42	0.36	0	70.0	67.5	49.7	39.2	39.2
8-9 AM	1007	0.0	74	0.0	3000	1007	0	74	0.35	0	69.5	67.0	49.7	38.8	38.8
9-10 AM	1634	0.0	121	0.0	3000	1634	0	121	0.34	0	68.7	66.4	49.7	38.3	38.3
10-11 AM	2324	0.0	172	0.0	3000	2324	0	172	0.33	0	67.9	65.6	49.7	37.6	37.6
11A-NOON	2808	0.0	207	0.0	3000	2808	0	207	0.60	0	67.3	63.4	40.4	37.2	37.2
NOON-1PM	2933	0.0	216	0.0	3000	2933	0	216	0.68	0	67.1	62.8	38.3	37.1	37.1
1-2 PM	2955	0.0	218	0.0	2999	2955	0	218	0.70	0	67.1	62.7	37.9	37.0	37.0
2-3 PM	3234	0.0	238	0.0	2999	3234	0	238	2.49	103	66.7	53.4	37.3	36.8	36.8
3-4 PM	3386	0.0	250	0.0	3000	3386	0	250	8.22	426	66.5	36.5	37.3	36.6	36.6
4-5 PM	3260	0.0	241	0.0	2999	3260	0	241	14.47	762	66.7	27.2	37.3	36.8	36.8
5-6 PM	2965	0.0	219	0.0	2999	2965	0	219	16.80	885	67.1	24.9	37.3	37.0	37.0
6-7 PM	2511	0.0	186	0.0	2999	2511	0	186	11.88	628	67.6	30.6	37.6	37.4	37.4
7-8 PM	2026	0.0	149	0.0	3000	2026	0	149	1.40	72	68.2	59.7	49.4	37.9	37.9
8-9 PM	1702	0.0	126	0.0	3000	1702	0	126	0.34	0	68.6	66.3	49.7	38.2	38.2
9-10 PM	1216	0.0	89	0.0	3000	1216	0	89	0.35	0	69.2	66.8	49.7	38.6	38.6
10-11 PM	853	0.0	63	0.0	3000	853	0	63	0.35	0	69.7	67.2	49.7	38.9	38.9
11PM-MID	514	0.0	38	0.0	3000	514	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	0.0662
MAIN ROUTE WITH WORKS	0.0637
DIVERSION	0.0900

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$48,502
CONGESTED HOURS PER DAY*	1

*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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

