

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	MAY
	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	547	0.0	41	0.0	1500	547	0	41	0.54	0	70.0	66.3	43.3	39.2	39.2
1-2 AM	377	0.0	27	0.0	1500	377	0	27	0.52	0	70.2	66.5	44.0	39.4	39.4
2-3 AM	276	0.0	20	0.0	1500	276	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
3-4 AM	274	0.0	20	0.0	1500	274	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
4-5 AM	302	0.0	22	0.0	1500	302	0	22	0.51	0	70.2	66.6	44.3	39.5	39.5
5-6 AM	485	0.0	36	0.0	1500	485	0	36	0.53	0	70.1	66.4	43.6	39.3	39.3
6-7 AM	875	0.0	65	0.0	1500	875	0	65	0.57	0	69.7	65.7	42.1	38.9	38.9
7-8 AM	1498	0.0	111	0.0	1499	1498	0	111	1.63	18	68.9	58.9	32.5	38.4	38.4
8-9 AM	2061	0.0	152	0.0	1500	2061	0	152	11.94	322	68.2	30.7	30.8	37.9	37.9
9-10 AM	2471	0.0	183	0.0	1499	2145	326	509	38.78	1011	67.7	13.7	30.8	37.4	33.4
10-11 AM	2639	0.0	195	0.0	1499	1717	922	1117	54.34	1400	67.4	10.4	30.8	37.3	25.9
11A-NOON	2589	0.0	191	0.0	1499	1525	1064	1255+	58.90	1518	67.5	9.7	30.8	37.4	24.2
NOON-1PM	2408	0.0	178	0.0	1499	1387	1020	1198	56.98	1467	67.8	9.9	30.8	37.5	24.8
1-2 PM	2261	0.0	167	0.0	1499	1380	882	1049	52.39	1347	67.9	10.7	30.8	37.7	26.7
2-3 PM	2150	0.0	158	0.0	1499	1405	746	904	48.47	1243	68.1	11.4	30.8	37.8	28.5
3-4 PM	1896	0.0	140	0.0	1499	1348	548	688	43.52	1113	68.4	12.5	30.8	38.0	31.2
4-5 PM	1735	0.0	128	0.0	1499	1409	327	455	39.01	994	68.6	13.7	30.8	38.1	34.1
5-6 PM	1555	0.0	115	0.0	1499	1414	141	256	35.75	908	68.8	14.7	30.8	38.3	36.6
6-7 PM	1295	0.0	95	0.0	1499	1295	0	95	30.68	776	69.1	16.5	30.8	38.6	38.6
7-8 PM	1071	0.0	79	0.0	1499	1071	0	79	17.82	458	69.4	24.3	31.6	38.8	38.8
8-9 PM	829	0.0	61	0.0	1500	829	0	61	1.76	42	69.7	58.8	42.0	39.0	39.0
9-10 PM	702	0.0	52	0.0	1500	702	0	52	0.55	0	69.9	66.0	42.7	39.1	39.1
10-11 PM	568	0.0	42	0.0	1500	568	0	42	0.54	0	70.0	66.3	43.2	39.2	39.2
11PM-MID	383	0.0	28	0.0	1500	383	0	28	0.52	0	70.2	66.5	44.0	39.4	39.4

+ 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	0.0552
MAIN ROUTE WITH WORKS	0.0430
DIVERSION	0.2695

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$320,489
CONGESTED HOURS PER DAY*	11

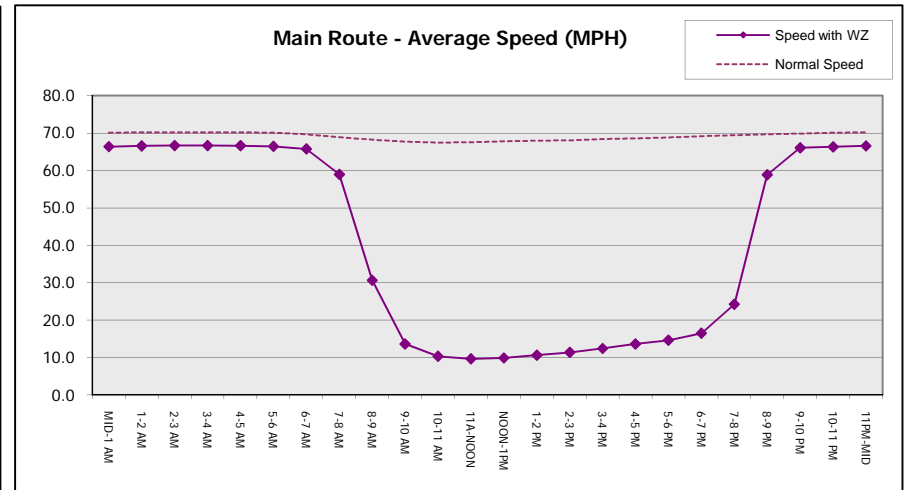
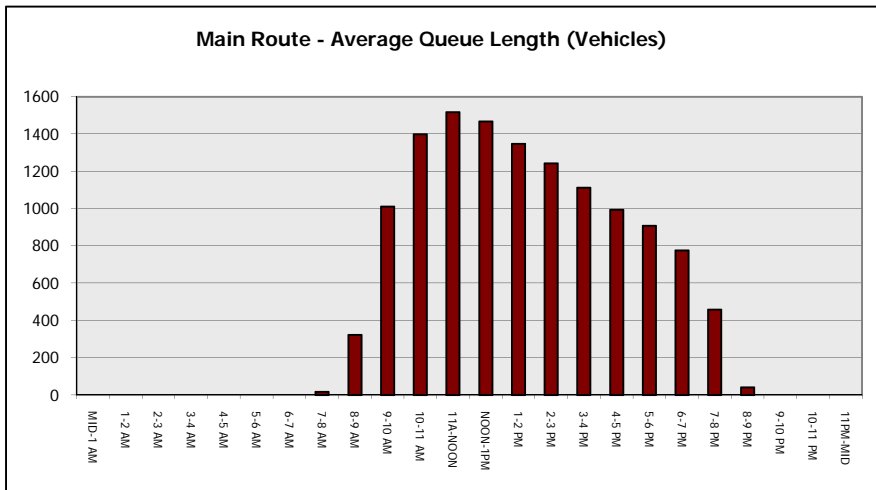
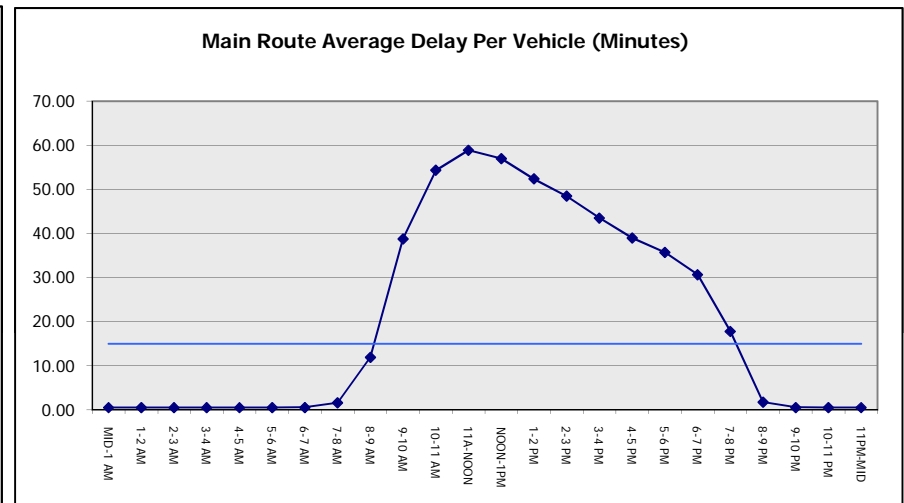
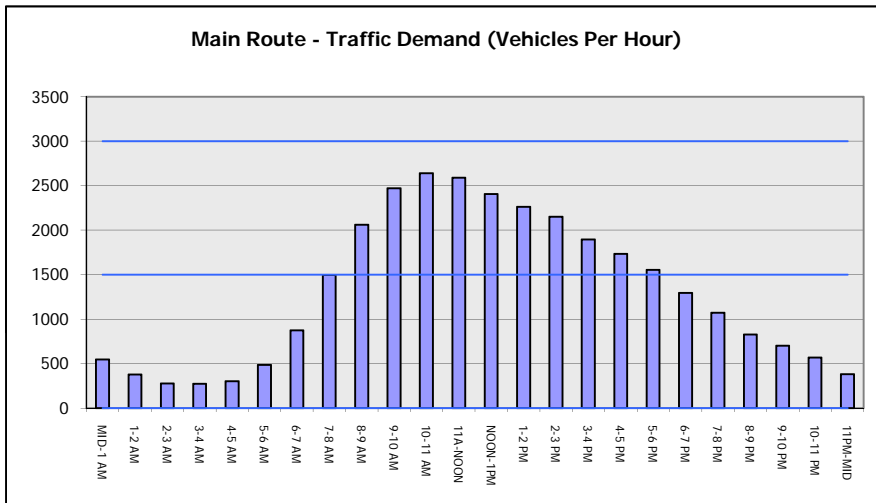
*Delays Exceeding 15 Minutes

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

SATURDAY WESTBOUND DIRECTION



IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE DIVERSION ROUTE: STH 60 - USH 51 - STH 16 - IH 39	MAY
	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			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	378	0.0	27	0.0	1500	378	0	27	0.52	0	70.2	66.5	44.0	39.4	39.4
1-2 AM	279	0.0	20	0.0	1500	279	0	20	0.51	0	70.2	66.6	44.3	39.5	39.5
2-3 AM	276	0.0	20	0.0	1500	276	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
3-4 AM	287	0.0	21	0.0	1500	287	0	21	0.51	0	70.2	66.6	44.3	39.5	39.5
4-5 AM	269	0.0	20	0.0	1500	269	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
5-6 AM	331	0.0	24	0.0	1500	331	0	24	0.51	0	70.2	66.6	44.2	39.4	39.4
6-7 AM	498	0.0	37	0.0	1500	498	0	37	0.53	0	70.1	66.4	43.5	39.3	39.3
7-8 AM	744	0.0	55	0.0	1500	744	0	55	0.56	0	69.8	66.0	42.6	39.1	39.1
8-9 AM	1084	0.0	80	0.0	1499	1084	0	80	0.63	0	69.4	65.1	40.6	38.8	38.8
9-10 AM	1422	0.0	105	0.0	1499	1422	0	105	1.02	0	69.0	62.3	32.7	38.4	38.4
10-11 AM	1763	0.0	130	0.0	1500	1763	0	130	5.23	120	68.6	44.6	30.8	38.1	38.1
11A-NOON	1888	0.0	139	0.0	1500	1888	0	139	17.92	457	68.4	24.1	30.8	38.0	38.0
NOON-1PM	1862	0.0	137	0.0	1499	1811	51	188	32.25	822	68.4	15.8	30.8	38.1	37.4
1-2 PM	1882	0.0	139	0.0	1499	1553	328	467	39.21	999	68.4	13.6	30.8	38.0	34.0
2-3 PM	1845	0.0	136	0.0	1499	1486	358	494	39.71	1012	68.4	13.5	30.8	38.1	33.6
3-4 PM	1809	0.0	134	0.0	1499	1480	328	462	39.13	997	68.5	13.6	30.8	38.1	34.0
4-5 PM	1702	0.0	126	0.0	1499	1448	254	380	37.72	959	68.6	14.0	30.8	38.2	35.0
5-6 PM	1562	0.0	116	0.0	1499	1435	126	242	35.54	902	68.8	14.7	30.8	38.3	36.8
6-7 PM	1353	0.0	99	0.0	1499	1353	0	99	31.85	805	69.1	16.0	30.8	38.5	38.5
7-8 PM	1201	0.0	88	0.0	1499	1201	0	88	23.01	580	69.2	20.4	30.8	38.6	38.6
8-9 PM	1075	0.0	79	0.0	1499	1075	0	79	8.07	218	69.4	37.7	34.7	38.8	38.8
9-10 PM	901	0.0	67	0.0	1500	901	0	67	0.58	0	69.6	65.6	42.0	38.9	38.9
10-11 PM	748	0.0	55	0.0	1500	748	0	55	0.56	0	69.8	66.0	42.6	39.1	39.1
11PM-MID	489	0.0	37	0.0	1500	489	0	37	0.53	0	70.1	66.4	43.5	39.3	39.3

----- 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	0.0453
MAIN ROUTE WITH WORKS	0.0411
DIVERSION	0.1086

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$160,664
CONGESTED HOURS PER DAY*	9

*Delays Exceeding 15 Minutes

IH 39/90/94: IH 39 & IH 90/94 TO STH 60 (COLUMBIA COUNTY)
CONTINUOUS (24 HOUR) 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
SATURDAY EASTBOUND DIRECTION

