

<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE 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**

MON-THUR                      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	411	0.0	30	0.0	1500	411	0	30	0.52	0	70.2	66.5	43.8	39.4	39.4
1-2 AM	330	0.0	24	0.0	1500	330	0	24	0.51	0	70.2	66.6	44.2	39.4	39.4
2-3 AM	268	0.0	20	0.0	1500	268	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
3-4 AM	268	0.0	20	0.0	1500	268	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
4-5 AM	308	0.0	22	0.0	1500	308	0	22	0.51	0	70.2	66.6	44.3	39.5	39.5
5-6 AM	479	0.0	36	0.0	1500	479	0	36	0.53	0	70.1	66.4	43.6	39.3	39.3
6-7 AM	843	0.0	62	0.0	1500	843	0	62	0.57	0	69.7	65.8	42.2	39.0	39.0
7-8 AM	1289	0.0	95	0.0	1499	1289	0	95	0.82	0	69.1	63.7	36.0	38.6	38.6
8-9 AM	1523	0.0	113	0.0	1499	1523	0	113	1.44	10	68.9	59.9	31.2	38.3	38.3
9-10 AM	1758	0.0	130	0.0	1500	1758	0	130	6.72	158	68.6	40.5	30.8	38.1	38.1
10-11 AM	1884	0.0	139	0.0	1500	1884	0	139	18.94	483	68.4	23.2	30.8	38.0	38.0
11A-NOON	1996	0.0	147	0.0	1499	1855	141	288	34.76	890	68.2	15.0	30.8	37.9	36.1
NOON-1PM	2002	0.0	148	0.0	1499	1551	451	599	41.67	1064	68.2	12.9	30.8	37.9	32.3
1-2 PM	2141	0.0	158	0.0	1499	1578	563	721	44.19	1131	68.1	12.4	30.8	37.8	30.8
2-3 PM	2160	0.0	159	0.0	1499	1524	635	795	45.83	1173	68.1	12.0	30.8	37.8	29.9
3-4 PM	2372	0.0	175	0.0	1499	1622	750	925	48.96	1257	67.8	11.3	30.8	37.6	28.3
4-5 PM	2335	0.0	172	0.0	1499	1495	839	1012	51.31	1318	67.8	10.9	30.8	37.6	27.2
5-6 PM	2138	0.0	157	0.0	1499	1372	766	924	48.97	1257	68.1	11.3	30.8	37.8	28.3
6-7 PM	1608	0.0	119	0.0	1499	1211	397	516	40.15	1027	68.7	13.4	30.8	38.3	33.3
7-8 PM	1300	0.0	95	0.0	1499	1292	8	104	31.66	802	69.1	16.1	30.8	38.6	38.4
8-9 PM	1075	0.0	79	0.0	1499	1075	0	79	18.88	484	69.4	23.3	31.3	38.8	38.8
9-10 PM	872	0.0	64	0.0	1500	872	0	64	2.22	57	69.7	56.5	41.5	38.9	38.9
10-11 PM	675	0.0	50	0.0	1500	675	0	50	0.55	0	69.9	66.1	42.8	39.1	39.1
11PM-MID	548	0.0	41	0.0	1500	548	0	41	0.54	0	70.0	66.3	43.3	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	0.0540
MAIN ROUTE WITH WORKS	0.0443
DIVERSION	0.2215

PIA: Personal Injury Accidents

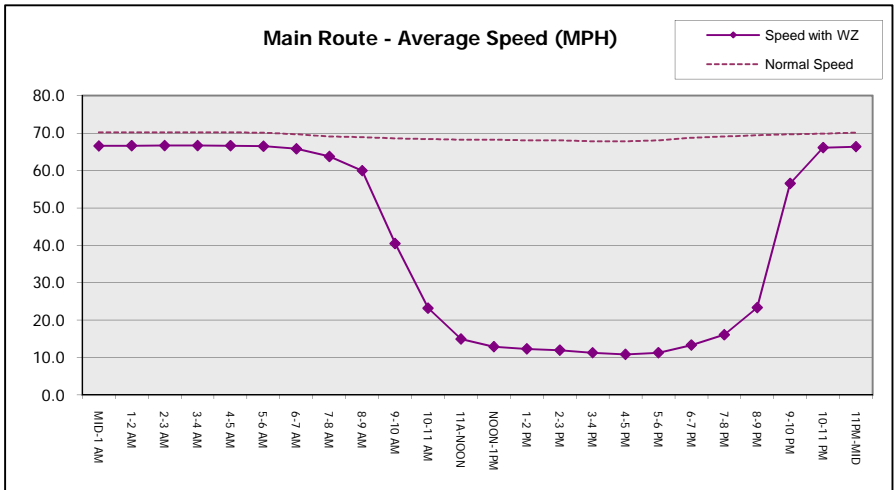
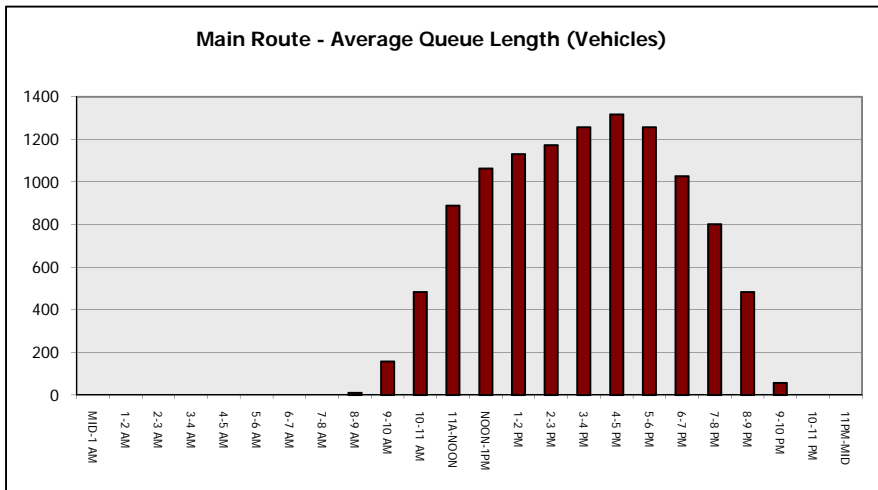
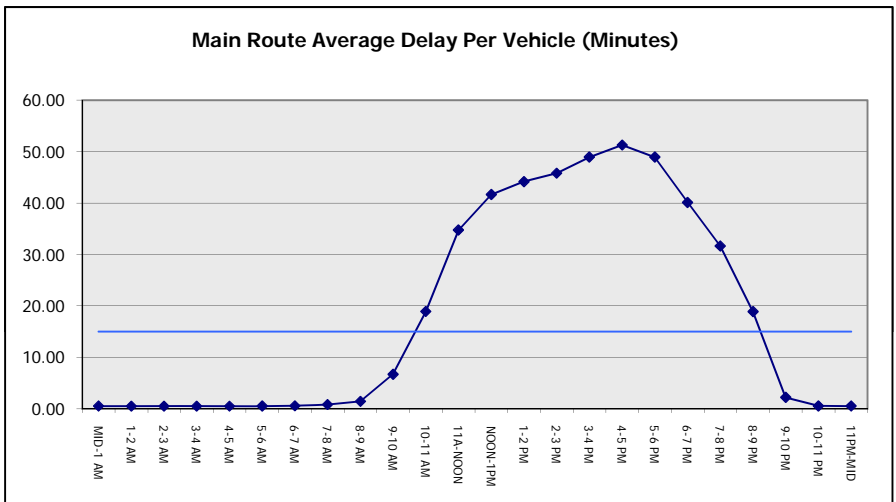
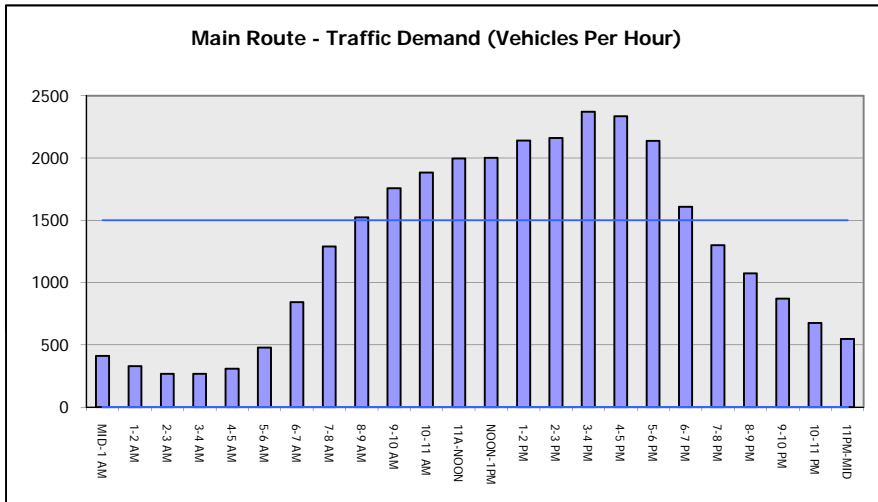
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$217,455
CONGESTED HOURS PER DAY*	11

\*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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR WESTBOUND DIRECTION**



<b>IH 39/90/94: IH 39 &amp; IH 90/94 TO STH 60 (COLUMBIA COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE 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**

MON-THUR 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	364	0.0	27	0.0	1500	364	0	27	0.52	0	70.2	66.6	44.0	39.4	39.4
1-2 AM	291	0.0	21	0.0	1500	291	0	21	0.51	0	70.2	66.6	44.3	39.5	39.5
2-3 AM	278	0.0	20	0.0	1500	278	0	20	0.51	0	70.2	66.6	44.4	39.5	39.5
3-4 AM	307	0.0	22	0.0	1500	307	0	22	0.51	0	70.2	66.6	44.3	39.5	39.5
4-5 AM	421	0.0	31	0.0	1500	421	0	31	0.52	0	70.2	66.5	43.8	39.4	39.4
5-6 AM	785	0.0	58	0.0	1500	785	0	58	0.56	0	69.7	65.9	42.4	39.0	39.0
6-7 AM	1173	0.0	86	0.0	1500	1173	0	86	0.67	0	69.3	64.8	39.4	38.7	38.7
7-8 AM	1319	0.0	97	0.0	1500	1319	0	97	0.86	0	69.1	63.4	35.0	38.6	38.6
8-9 AM	1295	0.0	95	0.0	1499	1295	0	95	0.83	0	69.1	63.7	35.6	38.6	38.6
9-10 AM	1528	0.0	113	0.0	1499	1528	0	113	1.49	11	68.8	59.7	31.2	38.3	38.3
10-11 AM	1804	0.0	133	0.0	1500	1804	0	133	7.51	182	68.5	38.6	30.8	38.1	38.1
11A-NOON	2002	0.0	148	0.0	1500	2002	0	148	22.87	593	68.2	20.4	30.8	37.9	37.9
NOON-1PM	2010	0.0	149	0.0	1500	1722	288	437	38.66	987	68.2	13.7	30.8	37.9	34.3
1-2 PM	2137	0.0	157	0.0	1500	1590	547	704	43.81	1121	68.1	12.4	30.8	37.8	31.0
2-3 PM	2218	0.0	163	0.0	1500	1556	663	826	46.55	1193	68.0	11.8	30.8	37.7	29.5
3-4 PM	2243	0.0	165	0.0	1500	1523	720	886	48.00	1231	67.9	11.5	30.8	37.7	28.8
4-5 PM	2256	0.0	166	0.0	1500	1506	750	917	48.78	1251	67.9	11.4	30.8	37.7	28.4
5-6 PM	2052	0.0	151	0.0	1500	1378	674	825	46.56	1193	68.2	11.8	30.8	37.9	29.5
6-7 PM	1688	0.0	125	0.0	1500	1302	386	511	40.04	1022	68.6	13.4	30.8	38.2	33.4
7-8 PM	1414	0.0	105	0.0	1500	1358	56	161	33.87	858	69.0	15.3	30.8	38.4	37.8
8-9 PM	1167	0.0	86	0.0	1500	1167	0	86	25.00	633	69.3	19.3	30.8	38.7	38.7
9-10 PM	964	0.0	71	0.0	1499	964	0	71	6.73	204	69.6	40.8	37.1	38.9	38.9
10-11 PM	735	0.0	54	0.0	1500	735	0	54	0.56	0	69.8	66.0	42.6	39.1	39.1
11PM-MID	515	0.0	38	0.0	1500	515	0	38	0.53	0	70.1	66.4	43.5	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	0.0547
MAIN ROUTE WITH WORKS	0.0457
DIVERSION	0.2073

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$201,821
CONGESTED HOURS PER DAY*	10

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) 2 LANE 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**  
**MON-THUR EASTBOUND DIRECTION**

