

<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>OCTOBER</b>
	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	455	0.0	33	0.0	3000	455	0	33	0.36	0	70.2	67.6	49.7	39.3	39.3
1-2 AM	334	0.0	24	0.0	3000	334	0	24	0.36	0	70.2	67.6	49.7	39.4	39.4
2-3 AM	261	0.0	19	0.0	3000	261	0	19	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	260	0.0	19	0.0	3000	260	0	19	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	287	0.0	21	0.0	3000	287	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
5-6 AM	499	0.0	37	0.0	3000	499	0	37	0.36	0	70.1	67.6	49.7	39.3	39.3
6-7 AM	733	0.0	54	0.0	3000	733	0	54	0.35	0	69.8	67.3	49.7	39.1	39.1
7-8 AM	1233	0.0	91	0.0	3000	1233	0	91	0.35	0	69.2	66.8	49.7	38.6	38.6
8-9 AM	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 AM	2081	0.0	153	0.0	3000	2081	0	153	0.33	0	68.1	65.9	49.7	37.8	37.8
10-11 AM	2339	0.0	172	0.0	3000	2339	0	172	0.33	0	67.8	65.6	49.7	37.6	37.6
11A-NOON	2248	0.0	166	0.0	3000	2248	0	166	0.33	0	67.9	65.7	49.7	37.7	37.7
NOON-1PM	2056	0.0	152	0.0	3000	2056	0	152	0.33	0	68.2	66.0	49.7	37.9	37.9
1-2 PM	1992	0.0	147	0.0	3000	1992	0	147	0.33	0	68.2	66.0	49.7	37.9	37.9
2-3 PM	1865	0.0	138	0.0	3000	1865	0	138	0.34	0	68.4	66.1	49.7	38.0	38.0
3-4 PM	1960	0.0	145	0.0	3000	1960	0	145	0.34	0	68.3	66.0	49.7	37.9	37.9
4-5 PM	1757	0.0	130	0.0	3000	1757	0	130	0.34	0	68.6	66.3	49.7	38.1	38.1
5-6 PM	1627	0.0	120	0.0	3000	1627	0	120	0.34	0	68.7	66.4	49.7	38.3	38.3
6-7 PM	1398	0.0	103	0.0	3000	1398	0	103	0.34	0	69.0	66.6	49.7	38.4	38.4
7-8 PM	1050	0.0	77	0.0	3000	1050	0	77	0.35	0	69.4	67.0	49.7	38.8	38.8
8-9 PM	821	0.0	61	0.0	3000	821	0	61	0.35	0	69.7	67.2	49.7	39.0	39.0
9-10 PM	656	0.0	49	0.0	3000	656	0	49	0.36	0	69.9	67.4	49.7	39.1	39.1
10-11 PM	500	0.0	37	0.0	3000	500	0	37	0.36	0	70.1	67.6	49.7	39.3	39.3
11PM-MID	343	0.0	25	0.0	3000	343	0	25	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	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	0.0503
MAIN ROUTE WITH WORKS	0.0484
DIVERSION	0.0683

PIA: Personal Injury Accidents

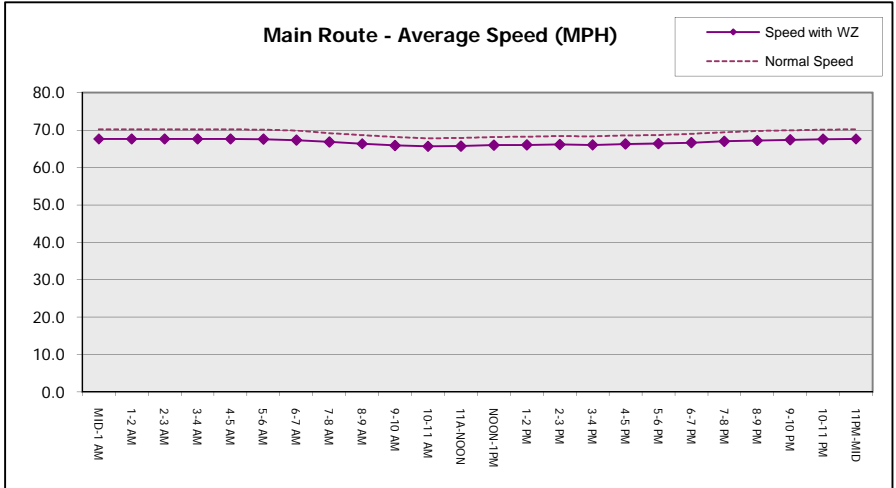
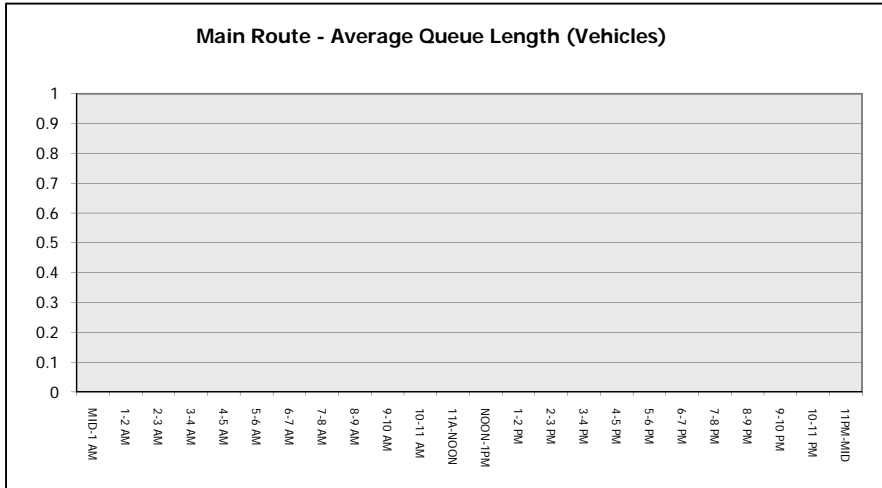
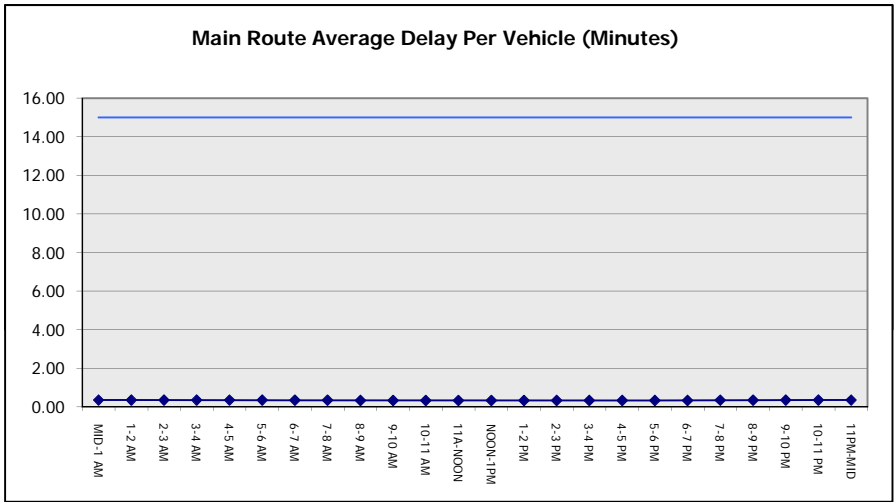
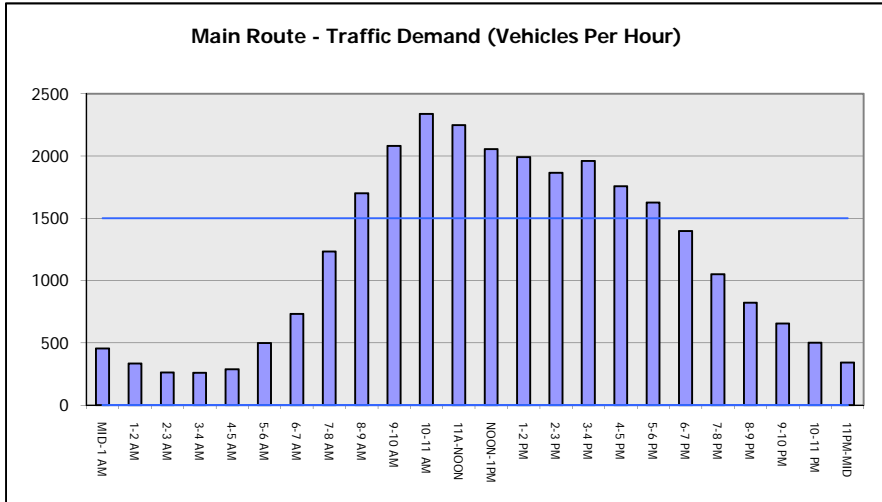
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,348
CONGESTED HOURS PER DAY*	0

\*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**  
**SATURDAY 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>OCTOBER</b>
	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						
	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	366	0.0	27	0.0	3000	366	0	27	0.36	0	70.2	67.6	49.7	39.4	39.4
1-2 AM	285	0.0	21	0.0	3000	285	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
2-3 AM	283	0.0	21	0.0	3000	283	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
3-4 AM	270	0.0	20	0.0	3000	270	0	20	0.36	0	70.2	67.6	49.7	39.5	39.5
4-5 AM	283	0.0	21	0.0	3000	283	0	21	0.36	0	70.2	67.6	49.7	39.5	39.5
5-6 AM	337	0.0	25	0.0	3000	337	0	25	0.36	0	70.2	67.6	49.7	39.4	39.4
6-7 AM	455	0.0	33	0.0	3000	455	0	33	0.36	0	70.2	67.6	49.7	39.3	39.3
7-8 AM	837	0.0	62	0.0	3000	837	0	62	0.35	0	69.7	67.2	49.7	39.0	39.0
8-9 AM	1381	0.0	101	0.0	3000	1381	0	101	0.34	0	69.0	66.6	49.7	38.5	38.5
9-10 AM	1661	0.0	123	0.0	3000	1661	0	123	0.34	0	68.7	66.3	49.7	38.2	38.2
10-11 AM	1704	0.0	126	0.0	3000	1704	0	126	0.34	0	68.6	66.3	49.7	38.2	38.2
11A-NOON	1823	0.0	135	0.0	3000	1823	0	135	0.34	0	68.5	66.2	49.7	38.1	38.1
NOON-1PM	1767	0.0	131	0.0	3000	1767	0	131	0.34	0	68.6	66.2	49.7	38.1	38.1
1-2 PM	1804	0.0	133	0.0	3000	1804	0	133	0.34	0	68.5	66.2	49.7	38.1	38.1
2-3 PM	1830	0.0	135	0.0	3000	1830	0	135	0.34	0	68.4	66.1	49.7	38.1	38.1
3-4 PM	1908	0.0	141	0.0	3000	1908	0	141	0.34	0	68.4	66.1	49.7	38.0	38.0
4-5 PM	1930	0.0	142	0.0	3000	1930	0	142	0.34	0	68.3	66.1	49.7	38.0	38.0
5-6 PM	1792	0.0	132	0.0	3000	1792	0	132	0.34	0	68.5	66.2	49.7	38.1	38.1
6-7 PM	1523	0.0	113	0.0	3000	1523	0	113	0.34	0	68.9	66.5	49.7	38.3	38.3
7-8 PM	1324	0.0	97	0.0	3000	1324	0	97	0.35	0	69.1	66.7	49.7	38.6	38.6
8-9 PM	1086	0.0	80	0.0	3000	1086	0	80	0.35	0	69.4	66.9	49.7	38.8	38.8
9-10 PM	889	0.0	66	0.0	3000	889	0	66	0.35	0	69.6	67.1	49.7	38.9	38.9
10-11 PM	721	0.0	53	0.0	3000	721	0	53	0.36	0	69.9	67.3	49.7	39.1	39.1
11PM-MID	434	0.0	32	0.0	3000	434	0	32	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	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	0.0471
MAIN ROUTE WITH WORKS	0.0454
DIVERSION	0.0642

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,228
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**

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 Construction Season

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

