

<b>IH 39/90: USH 14 TO STH 11 (ROCK COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>DIVERSION ROUTE: STH 11 - USH 14</b>	<b>AUGUST</b>
	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	622	0.0	101	0.0	1500	622	0	101	0.48	0	65.2	55.8	43.0	38.5	38.5
1-2 AM	515	0.0	83	0.0	1500	515	0	83	0.47	0	65.5	56.1	43.5	38.7	38.7
2-3 AM	443	0.0	72	0.0	1500	443	0	72	0.47	0	65.6	56.3	43.7	38.9	38.9
3-4 AM	435	0.0	70	0.0	1500	435	0	70	0.46	0	65.6	56.3	43.8	38.9	38.9
4-5 AM	558	0.0	91	0.0	1500	558	0	91	0.48	0	65.3	56.0	43.3	38.6	38.6
5-6 AM	1059	0.0	171	0.0	OFF	1059	0	171	0.00	0	64.4	64.4	64.4	37.6	37.6
6-7 AM	1604	0.0	259	0.0	OFF	1604	0	259	0.00	0	63.4	63.4	63.4	36.5	36.5
7-8 AM	1936	0.0	313	0.0	OFF	1936	0	313	0.00	0	62.8	62.8	62.8	35.8	35.8
8-9 AM	1976	0.0	319	0.0	OFF	1976	0	319	0.00	0	62.7	62.7	62.7	35.8	35.8
9-10 AM	2172	0.0	351	0.0	OFF	2172	0	351	0.00	0	62.3	62.3	62.3	35.4	35.4
10-11 AM	2525	0.0	409	0.0	OFF	2525	0	409	0.00	0	60.6	60.6	60.6	34.7	34.7
11A-NOON	2733	0.0	442	0.0	OFF	2733	0	442	0.00	0	58.5	58.5	58.5	34.3	34.3
NOON-1PM	2841	0.0	459	0.0	OFF	2841	0	459	0.00	0	57.4	57.4	57.4	34.0	34.0
1-2 PM	2884	0.0	466	0.0	OFF	2884	0	466	0.00	0	56.9	56.9	56.9	34.0	34.0
2-3 PM	3100	0.0	501	0.0	OFF	3100	0	501	0.00	0	54.8	54.8	54.8	33.5	33.5
3-4 PM	3368	0.0	545	0.0	OFF	3368	0	545	0.00	0	52.0	52.0	52.0	33.0	33.0
4-5 PM	3265	0.0	528	0.0	OFF	3265	0	528	0.00	0	53.0	53.0	53.0	33.2	33.2
5-6 PM	3148	0.0	509	0.0	OFF	3148	0	509	0.00	0	54.3	54.3	54.3	33.4	33.4
6-7 PM	2901	0.0	469	0.0	OFF	2901	0	469	0.00	0	56.8	56.8	56.8	33.9	33.9
7-8 PM	2524	0.0	409	0.0	1499	1874	650	1059	11.92	315	60.7	12.7	30.8	34.7	26.8
8-9 PM	2355	0.0	381	0.0	1500	1446	910	1291+	13.71	344	62.0	11.2	30.8	35.0	23.8
9-10 PM	2081	0.0	337	0.0	1500	1431	650	987	11.42	283	62.5	12.9	30.8	35.6	27.5
10-11 PM	1503	0.0	243	0.0	1500	1368	135	378	7.78	186	63.6	17.4	30.8	36.7	35.0
11PM-MID	848	0.0	137	0.0	1500	848	0	137	0.80	12	64.8	50.6	42.2	38.1	38.1

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0234
MAIN ROUTE WITH WORKS	0.0216
DIVERSION	0.0776

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$26,669
CONGESTED HOURS PER DAY*	0

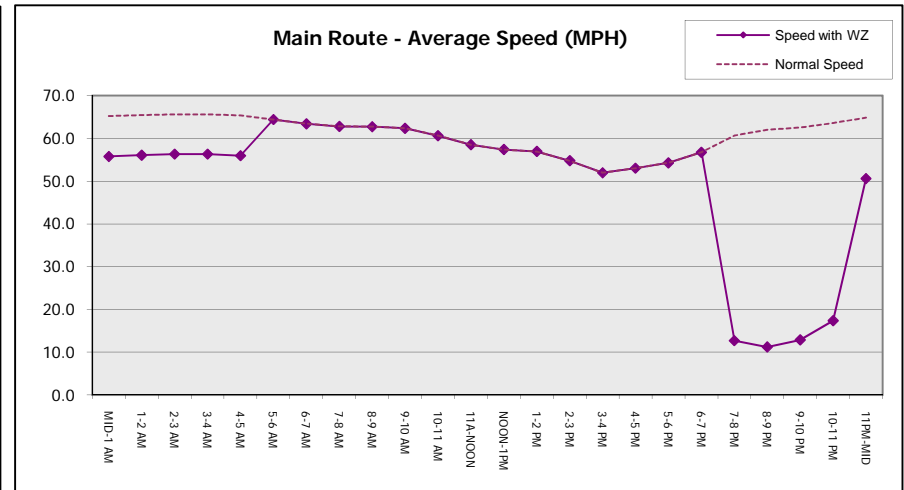
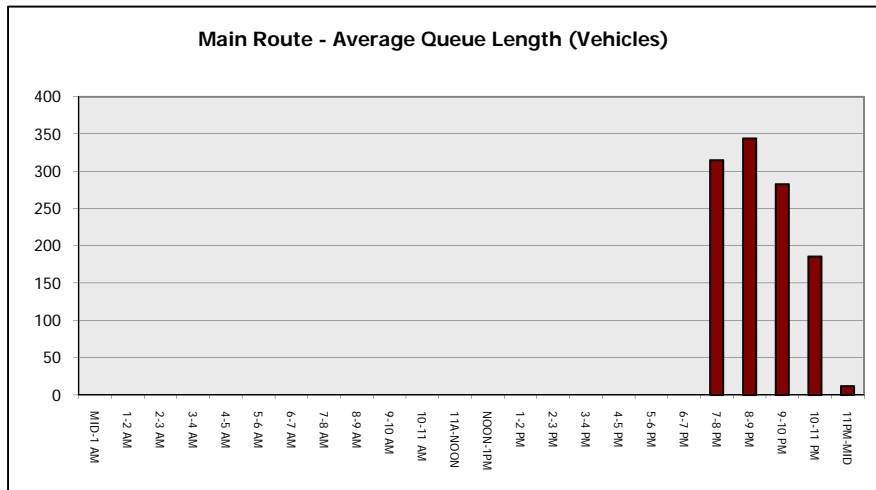
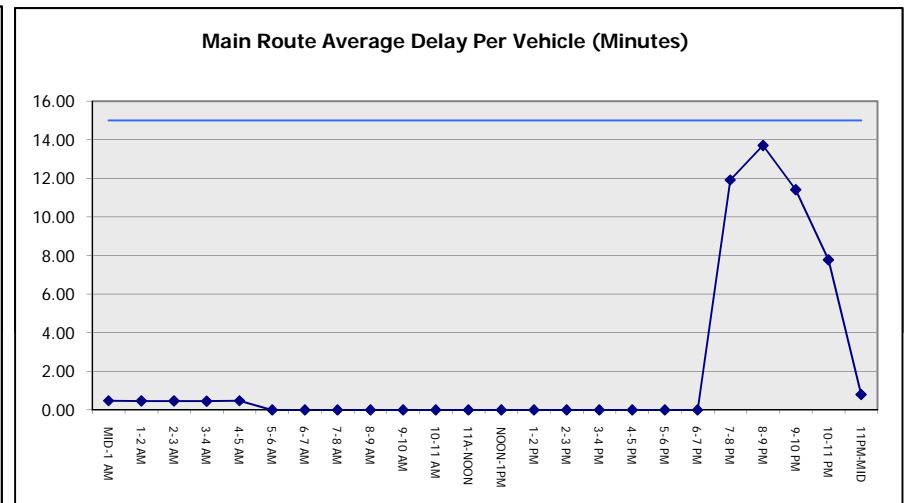
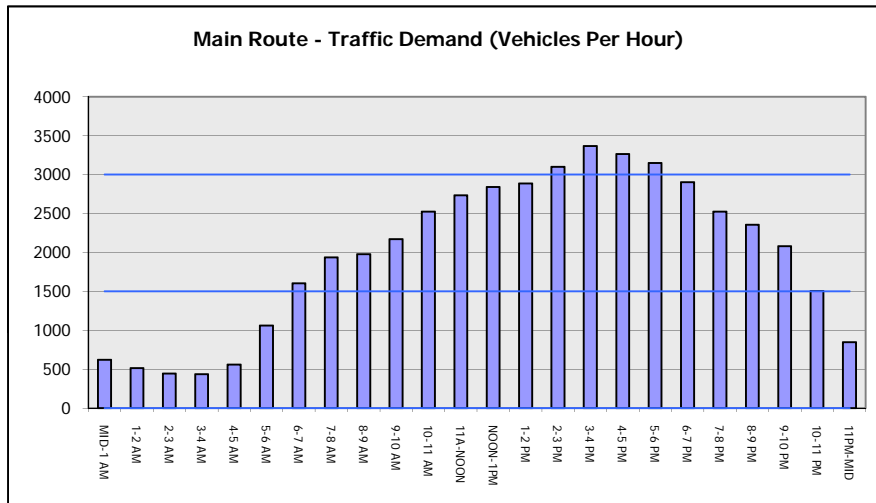
\*Delays Exceeding 15 Minutes

**IH 39/90: USH 14 TO STH 11 (ROCK COUNTY)  
NIGHTTIME CLOSURE  
DIVERSION ROUTE: STH 11 - USH 14**

**AUGUST**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**FRIDAY WESTBOUND DIRECTION**



<b>IH 39/90: USH 14 TO STH 11 (ROCK COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 11 - USH 14</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
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	544	0.0	88	0.0	1500	544	0	88	0.48	0	65.4	56.0	43.3	38.6	38.6
1-2 AM	442	0.0	71	0.0	1500	442	0	71	0.47	0	65.6	56.3	43.7	38.9	38.9
2-3 AM	445	0.0	72	0.0	1500	445	0	72	0.47	0	65.6	56.3	43.7	38.9	38.9
3-4 AM	503	0.0	81	0.0	1500	503	0	81	0.47	0	65.5	56.1	43.5	38.8	38.8
4-5 AM	531	0.0	85	0.0	1500	531	0	85	0.47	0	65.4	56.1	43.4	38.7	38.7
5-6 AM	651	0.0	105	0.0	OFF	651	0	105	0.00	0	65.1	65.1	65.1	38.4	38.4
6-7 AM	896	0.0	145	0.0	OFF	896	0	145	0.00	0	64.7	64.7	64.7	37.9	37.9
7-8 AM	1359	0.0	220	0.0	OFF	1359	0	220	0.00	0	63.8	63.8	63.8	37.0	37.0
8-9 AM	1547	0.0	250	0.0	OFF	1547	0	250	0.00	0	63.5	63.5	63.5	36.6	36.6
9-10 AM	1817	0.0	293	0.0	OFF	1817	0	293	0.00	0	63.0	63.0	63.0	36.1	36.1
10-11 AM	2042	0.0	330	0.0	OFF	2042	0	330	0.00	0	62.6	62.6	62.6	35.6	35.6
11A-NOON	2264	0.0	366	0.0	OFF	2264	0	366	0.00	0	62.2	62.2	62.2	35.2	35.2
NOON-1PM	2395	0.0	387	0.0	OFF	2395	0	387	0.00	0	61.9	61.9	61.9	35.0	35.0
1-2 PM	2613	0.0	423	0.0	OFF	2613	0	423	0.00	0	59.7	59.7	59.7	34.5	34.5
2-3 PM	2745	0.0	444	0.0	OFF	2745	0	444	0.00	0	58.4	58.4	58.4	34.2	34.2
3-4 PM	2815	0.0	455	0.0	OFF	2815	0	455	0.00	0	57.6	57.6	57.6	34.1	34.1
4-5 PM	2871	0.0	464	0.0	OFF	2871	0	464	0.00	0	57.1	57.1	57.1	34.0	34.0
5-6 PM	2757	0.0	446	0.0	OFF	2757	0	446	0.00	0	58.2	58.2	58.2	34.2	34.2
6-7 PM	2226	0.0	360	0.0	OFF	2226	0	360	0.00	0	62.2	62.2	62.2	35.3	35.3
7-8 PM	1986	0.0	321	0.0	1499	1739	247	568	7.91	196	62.7	17.1	30.8	35.8	32.7
8-9 PM	1586	0.0	256	0.0	1500	1445	141	398	8.44	200	63.4	16.3	30.8	36.6	34.8
9-10 PM	1354	0.0	219	0.0	1499	1354	0	219	5.32	124	63.8	22.6	31.6	37.0	37.0
10-11 PM	1141	0.0	184	0.0	1500	1141	0	184	0.66	2	64.3	52.3	39.7	37.4	37.4
11PM-MID	814	0.0	132	0.0	1500	814	0	132	0.50	0	64.9	55.2	42.4	38.1	38.1

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0189
MAIN ROUTE WITH WORKS	0.0181
DIVERSION	0.0511

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$10,328
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 39/90: USH 14 TO STH 11 (ROCK COUNTY)  
NIGHTTIME CLOSURE  
DIVERSION ROUTE: STH 11 - USH 14**

**AUGUST**  
Analyzed for 2009  
Construction Season

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

