

<b>IH 39/90: STH 11 TO STATE LINE (ROCK COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: IH 43 - STH 140 - USH 14 - STH 11</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	405	0.0	59	0.0	OFF	405	0	59	0.00	0	65.6	65.6	65.6	39.0	39.0
1-2 AM	313	0.0	45	0.0	OFF	313	0	45	0.00	0	65.8	65.8	65.8	39.2	39.2
2-3 AM	326	0.0	47	0.0	OFF	326	0	47	0.00	0	65.8	65.8	65.8	39.2	39.2
3-4 AM	318	0.0	46	0.0	OFF	318	0	46	0.00	0	65.8	65.8	65.8	39.2	39.2
4-5 AM	500	0.0	73	0.0	OFF	500	0	73	0.00	0	65.5	65.5	65.5	38.8	38.8
5-6 AM	930	0.0	135	0.0	OFF	930	0	135	0.00	0	64.6	64.6	64.6	38.1	38.1
6-7 AM	1371	0.0	200	0.0	OFF	1371	0	200	0.00	0	63.8	63.8	63.8	37.3	37.3
7-8 AM	1504	0.0	218	0.0	OFF	1504	0	218	0.00	0	63.6	63.6	63.6	37.0	37.0
8-9 AM	1381	0.0	201	0.0	OFF	1381	0	201	0.00	0	63.8	63.8	63.8	37.3	37.3
9-10 AM	1449	0.0	211	0.0	1499	1449	0	211	0.96	0	63.7	57.8	31.9	37.1	37.1
10-11 AM	1646	0.0	239	0.0	1499	1646	0	239	3.27	65	63.3	47.1	30.8	36.8	36.8
11A-NOON	1704	0.0	247	0.0	1500	1704	0	247	9.86	245	63.2	31.0	30.8	36.7	36.7
NOON-1PM	1736	0.0	252	0.0	1500	1733	3	255	18.05	466	63.2	21.7	30.8	36.6	36.6
1-2 PM	1739	0.0	252	0.0	1499	1551	188	440	23.75	614	63.2	18.0	30.8	36.6	34.3
2-3 PM	1853	0.0	269	0.0	1500	1546	307	576	25.43	661	62.9	17.1	30.8	36.4	32.6
3-4 PM	1850	0.0	269	0.0	1499	1495	354	623	26.08	678	63.0	16.8	30.8	36.4	32.0
4-5 PM	1792	0.0	260	0.0	OFF	1792	0	260	1.83	103	63.0	52.8	52.8	36.5	36.5
5-6 PM	1562	0.0	226	0.0	OFF	1562	0	226	0.00	0	63.5	63.5	63.5	36.9	36.9
6-7 PM	1251	0.0	182	0.0	OFF	1251	0	182	0.00	0	64.0	64.0	64.0	37.5	37.5
7-8 PM	1084	0.0	157	0.0	OFF	1084	0	157	0.00	0	64.3	64.3	64.3	37.8	37.8
8-9 PM	957	0.0	139	0.0	OFF	957	0	139	0.00	0	64.6	64.6	64.6	38.0	38.0
9-10 PM	817	0.0	118	0.0	OFF	817	0	118	0.00	0	64.8	64.8	64.8	38.3	38.3
10-11 PM	671	0.0	98	0.0	OFF	671	0	98	0.00	0	65.1	65.1	65.1	38.5	38.5
11PM-MID	475	0.0	69	0.0	OFF	475	0	69	0.00	0	65.5	65.5	65.5	38.9	38.9

"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	0.0440
MAIN ROUTE WITH WORKS	0.0419
DIVERSION	0.1086

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$42,011
CONGESTED HOURS PER DAY*	4

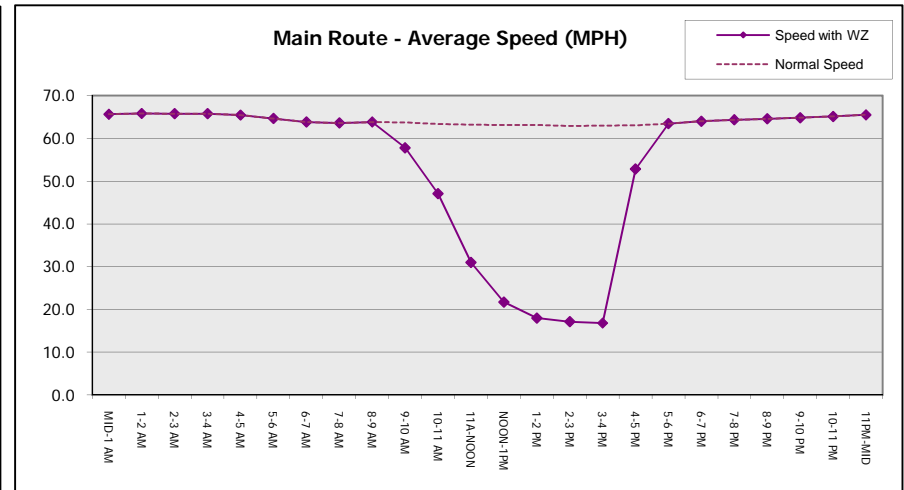
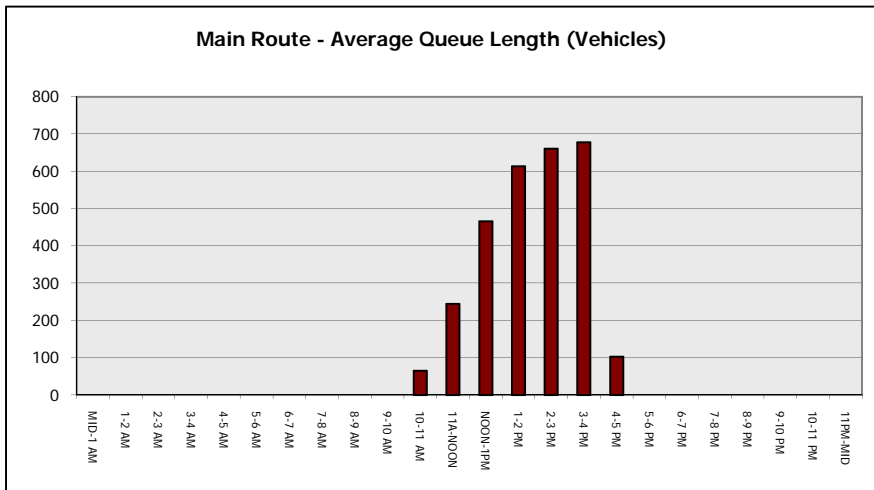
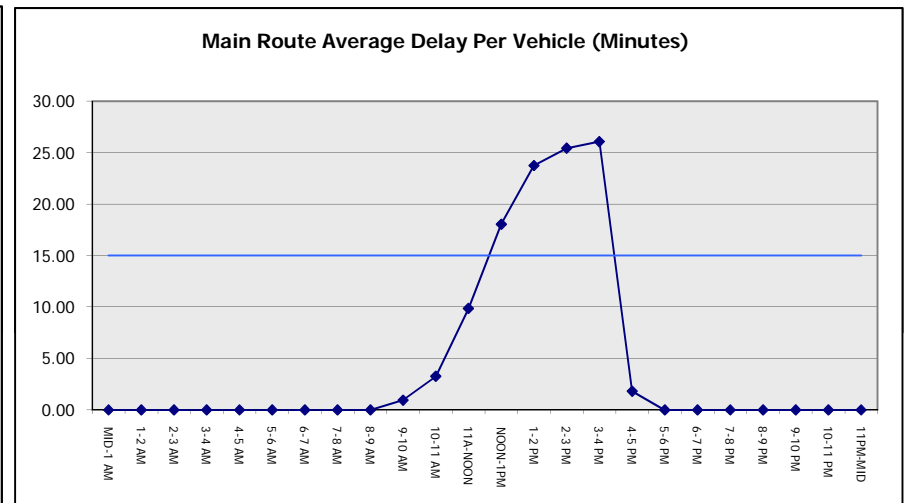
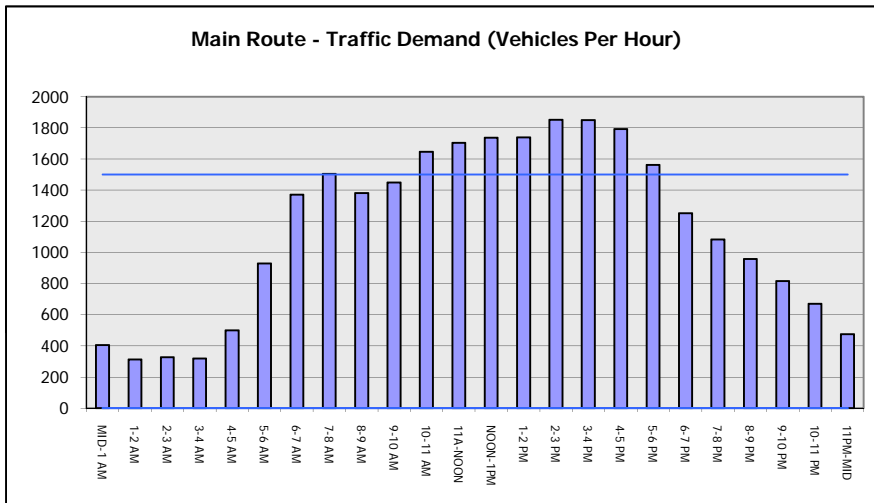
\*Delays Exceeding 15 Minutes

**IH 39/90: STH 11 TO STATE LINE (ROCK COUNTY)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: IH 43 - STH 140 - USH 14 - STH 11**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

**MON-THUR WESTBOUND DIRECTION**



<b>IH 39/90: STH 11 TO STATE LINE (ROCK COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: IH 43 - STH 140 - USH 14 - STH 11</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	398	0.0	58	0.0	OFF	398	0	58	0.00	0	65.6	65.6	65.6	39.0	39.0
1-2 AM	323	0.0	47	0.0	OFF	323	0	47	0.00	0	65.8	65.8	65.8	39.2	39.2
2-3 AM	341	0.0	49	0.0	OFF	341	0	49	0.00	0	65.8	65.8	65.8	39.1	39.1
3-4 AM	392	0.0	57	0.0	OFF	392	0	57	0.00	0	65.6	65.6	65.6	39.1	39.1
4-5 AM	486	0.0	71	0.0	OFF	486	0	71	0.00	0	65.5	65.5	65.5	38.9	38.9
5-6 AM	638	0.0	93	0.0	OFF	638	0	93	0.00	0	65.2	65.2	65.2	38.6	38.6
6-7 AM	934	0.0	136	0.0	OFF	934	0	136	0.00	0	64.6	64.6	64.6	38.1	38.1
7-8 AM	1259	0.0	183	0.0	OFF	1259	0	183	0.00	0	64.0	64.0	64.0	37.4	37.4
8-9 AM	1340	0.0	195	0.0	OFF	1340	0	195	0.00	0	63.9	63.9	63.9	37.3	37.3
9-10 AM	1478	0.0	215	0.0	1499	1478	0	215	1.05	1	63.7	57.3	31.4	37.1	37.1
10-11 AM	1632	0.0	237	0.0	1500	1632	0	237	3.24	63	63.3	47.2	30.8	36.8	36.8
11A-NOON	1778	0.0	258	0.0	1500	1778	0	258	10.66	271	63.1	29.7	30.8	36.5	36.5
NOON-1PM	1825	0.0	266	0.0	1500	1735	90	355	21.34	555	63.0	19.4	30.8	36.5	35.3
1-2 PM	1901	0.0	276	0.0	1499	1552	349	625	26.09	679	62.8	16.8	30.8	36.3	32.0
2-3 PM	2052	0.0	299	0.0	1500	1572	479	778	28.29	740	62.5	15.8	30.8	36.0	30.1
3-4 PM	2207	0.0	320	0.0	1500	1578	629	949	31.14	818	62.3	14.7	30.8	35.8	27.9
4-5 PM	2243	0.0	326	0.0	OFF	2243	0	326	4.42	207	62.2	42.7	42.7	35.7	35.7
5-6 PM	2073	0.0	302	0.0	OFF	2073	0	302	0.00	0	62.5	62.5	62.5	36.0	36.0
6-7 PM	1602	0.0	233	0.0	OFF	1602	0	233	0.00	0	63.4	63.4	63.4	36.8	36.8
7-8 PM	1296	0.0	188	0.0	OFF	1296	0	188	0.00	0	64.0	64.0	64.0	37.4	37.4
8-9 PM	1129	0.0	164	0.0	OFF	1129	0	164	0.00	0	64.3	64.3	64.3	37.7	37.7
9-10 PM	939	0.0	136	0.0	OFF	939	0	136	0.00	0	64.6	64.6	64.6	38.1	38.1
10-11 PM	718	0.0	104	0.0	OFF	718	0	104	0.00	0	65.0	65.0	65.0	38.4	38.4
11PM-MID	484	0.0	70	0.0	OFF	484	0	70	0.00	0	65.5	65.5	65.5	38.9	38.9

"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	0.0469
MAIN ROUTE WITH WORKS	0.0437
DIVERSION	0.1301

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$54,120
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding 15 Minutes

**IH 39/90: STH 11 TO STATE LINE (ROCK COUNTY)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: IH 43 - STH 140 - USH 14 - STH 11**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

