

<b>IH 39/90: USH 14 TO STH 11 (ROCK COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 11 - USH 14</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SUNDAY 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		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	284	0.0	46	0.0	1500	284	0	46	0.45	0	65.8	56.8	44.3	39.2	39.2
1-2 AM	195	0.0	32	0.0	1500	195	0	32	0.44	0	66.0	57.1	44.7	39.4	39.4
2-3 AM	175	0.0	28	0.0	1500	175	0	28	0.44	0	66.1	57.1	44.8	39.4	39.4
3-4 AM	162	0.0	26	0.0	1500	162	0	26	0.44	0	66.1	57.2	44.8	39.4	39.4
4-5 AM	170	0.0	28	0.0	1500	170	0	28	0.44	0	66.1	57.1	44.8	39.4	39.4
5-6 AM	292	0.0	47	0.0	1500	292	0	47	0.45	0	65.8	56.8	44.3	39.2	39.2
6-7 AM	440	0.0	71	0.0	1500	440	0	71	0.47	0	65.6	56.3	43.7	38.9	38.9
7-8 AM	685	0.0	110	0.0	1500	685	0	110	0.49	0	65.1	55.6	42.8	38.4	38.4
8-9 AM	990	0.0	161	0.0	1500	990	0	161	0.52	0	64.5	54.7	41.7	37.8	37.8
9-10 AM	1328	0.0	215	0.0	1499	1328	0	215	0.80	0	63.9	50.2	34.9	37.1	37.1
10-11 AM	1689	0.0	273	0.0	1499	1689	0	273	3.52	80	63.2	28.8	30.8	36.3	36.3
11A-NOON	1790	0.0	289	0.0	1499	1535	256	545	9.05	217	63.0	15.5	30.8	36.1	33.0
NOON-1PM	1817	0.0	293	0.0	1500	1502	315	609	9.34	225	63.0	15.2	30.8	36.1	32.2
1-2 PM	1792	0.0	290	0.0	1499	1496	296	587	9.24	222	63.0	15.3	30.8	36.1	32.5
2-3 PM	1791	0.0	289	0.0	1500	1500	291	581	9.21	221	63.0	15.3	30.8	36.1	32.5
3-4 PM	1770	0.0	286	0.0	1500	1497	272	558	9.11	218	63.1	15.4	30.8	36.2	32.8
4-5 PM	1785	0.0	288	0.0	1500	1500	285	573	9.18	220	63.0	15.3	30.8	36.1	32.6
5-6 PM	1649	0.0	267	0.0	1499	1478	171	437	8.60	204	63.3	16.1	30.8	36.5	34.3
6-7 PM	1472	0.0	238	0.0	1500	1453	19	257	7.60	177	63.7	17.7	30.8	36.8	36.6
7-8 PM	1302	0.0	211	0.0	1499	1302	0	211	2.69	65	64.0	33.2	33.4	37.1	37.1
8-9 PM	1152	0.0	186	0.0	1500	1152	0	186	0.57	0	64.2	53.6	40.1	37.4	37.4
9-10 PM	846	0.0	137	0.0	1500	846	0	137	0.50	0	64.8	55.1	42.2	38.1	38.1
10-11 PM	644	0.0	104	0.0	1500	644	0	104	0.48	0	65.2	55.7	43.0	38.4	38.4
11PM-MID	447	0.0	72	0.0	1500	447	0	72	0.47	0	65.6	56.3	43.7	38.9	38.9

*----- 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	0.0122
MAIN ROUTE WITH WORKS	0.0097
DIVERSION	0.0457

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$42,253
CONGESTED HOURS PER DAY*	0

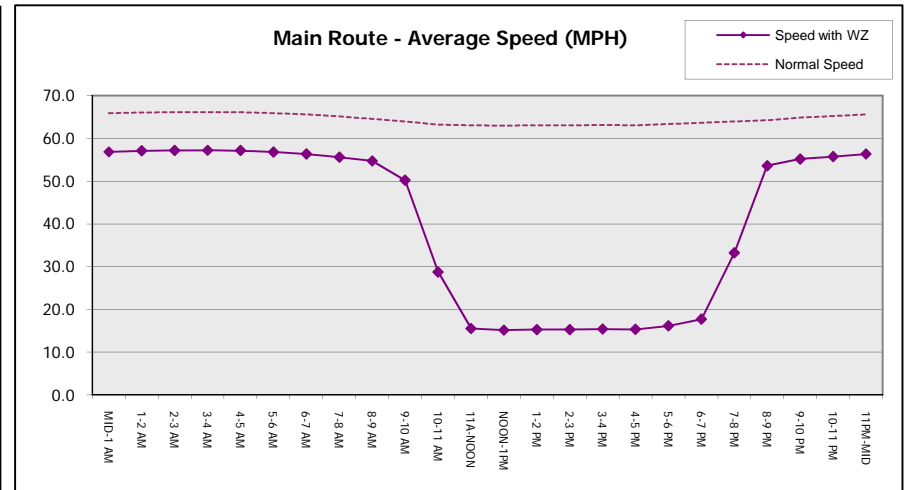
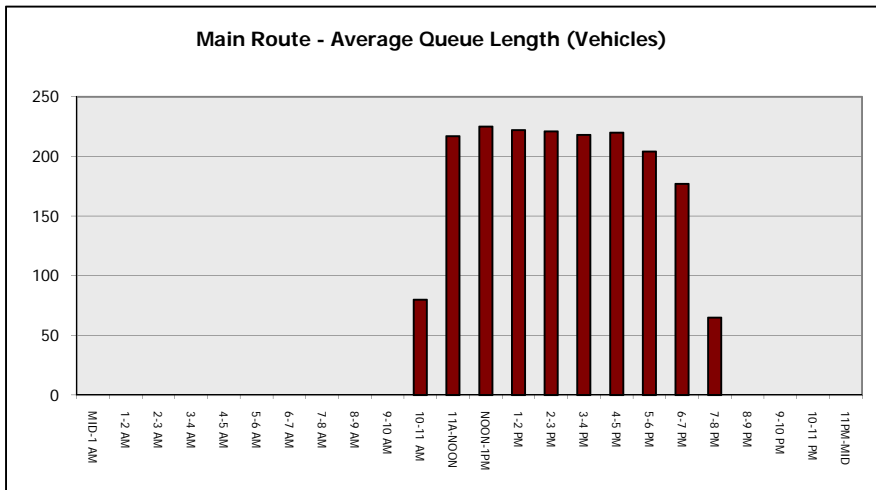
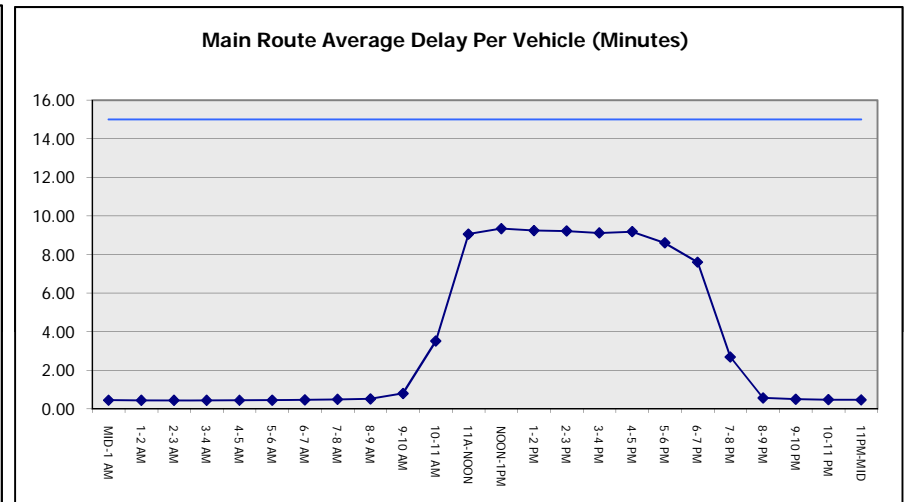
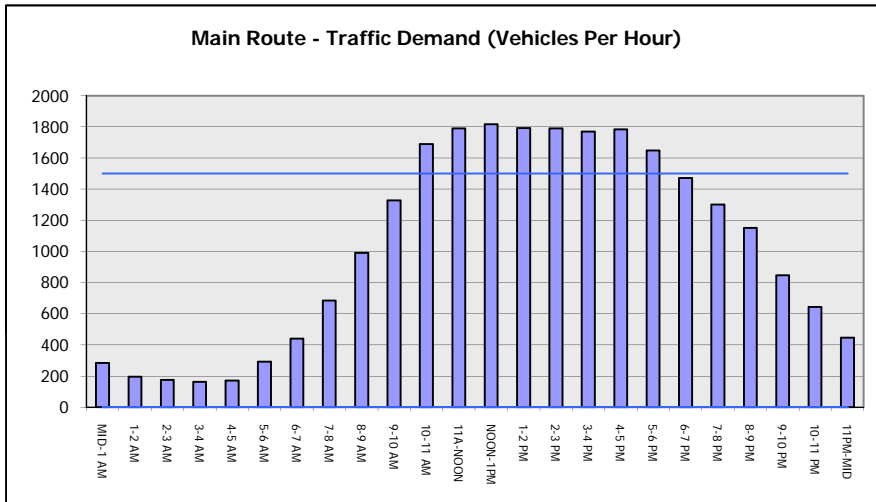
\*Delays Exceeding 15 Minutes

**IH 39/90: USH 14 TO STH 11 (ROCK COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: STH 11 - USH 14**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**SUNDAY WESTBOUND DIRECTION**



<b>IH 39/90: USH 14 TO STH 11 (ROCK COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  DIVERSION ROUTE: STH 11 - USH 14</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	315	0.0	50	0.0	1500	315	0	50	0.45	0	65.8	56.7	44.2	39.1	39.1
1-2 AM	212	0.0	34	0.0	1500	212	0	34	0.44	0	66.0	57.0	44.6	39.3	39.3
2-3 AM	174	0.0	28	0.0	1500	174	0	28	0.44	0	66.1	57.1	44.8	39.4	39.4
3-4 AM	148	0.0	24	0.0	1500	148	0	24	0.44	0	66.1	57.2	44.9	39.4	39.4
4-5 AM	154	0.0	25	0.0	1500	154	0	25	0.44	0	66.1	57.2	44.8	39.4	39.4
5-6 AM	212	0.0	34	0.0	1500	212	0	34	0.44	0	66.0	57.0	44.6	39.3	39.3
6-7 AM	373	0.0	61	0.0	1500	373	0	61	0.46	0	65.7	56.5	44.0	39.0	39.0
7-8 AM	629	0.0	102	0.0	1500	629	0	102	0.48	0	65.2	55.8	43.0	38.5	38.5
8-9 AM	1008	0.0	163	0.0	1499	1008	0	163	0.52	0	64.5	54.6	41.7	37.7	37.7
9-10 AM	1426	0.0	231	0.0	1499	1426	0	231	0.97	1	63.7	47.8	32.7	36.9	36.9
10-11 AM	1710	0.0	277	0.0	1500	1710	0	277	4.03	95	63.2	26.7	30.8	36.3	36.3
11A-NOON	1934	0.0	313	0.0	1499	1533	401	714	9.86	239	62.8	14.5	30.8	35.8	30.9
NOON-1PM	1961	0.0	317	0.0	1499	1501	460	778	10.19	248	62.7	14.2	30.8	35.8	30.1
1-2 PM	2007	0.0	324	0.0	1500	1510	497	821	10.43	254	62.7	13.9	30.8	35.7	29.6
2-3 PM	2124	0.0	344	0.0	1500	1521	603	947	11.16	275	62.4	13.2	30.8	35.5	28.0
3-4 PM	2102	0.0	340	0.0	1499	1491	611	950	11.19	275	62.5	13.1	30.8	35.5	27.9
4-5 PM	2040	0.0	330	0.0	1499	1488	552	883	10.78	264	62.6	13.5	30.8	35.6	28.8
5-6 PM	2009	0.0	325	0.0	1500	1493	517	842	10.54	258	62.7	13.8	30.8	35.7	29.3
6-7 PM	1875	0.0	304	0.0	1499	1476	399	703	9.80	237	62.9	14.6	30.8	36.0	31.0
7-8 PM	1740	0.0	281	0.0	1500	1476	264	545	9.06	217	63.2	15.5	30.8	36.3	33.0
8-9 PM	1353	0.0	219	0.0	1499	1339	14	233	5.79	138	63.8	21.4	31.7	37.0	36.8
9-10 PM	1105	0.0	178	0.0	1500	1104	0	178	0.66	2	64.3	52.4	40.2	37.5	37.5
10-11 PM	736	0.0	119	0.0	1500	736	0	119	0.49	0	65.0	55.5	42.6	38.3	38.3
11PM-MID	501	0.0	81	0.0	1500	501	0	81	0.47	0	65.5	56.1	43.5	38.8	38.8

*----- 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	0.0137
MAIN ROUTE WITH WORKS	0.0101
DIVERSION	0.0684

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$62,376
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 39/90: USH 14 TO STH 11 (ROCK COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: STH 11 - USH 14**

**MAY**  
Analyzed for 2009  
Construction Season

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

**SUNDAY EASTBOUND DIRECTION**

