

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

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	512	0.0	82	0.0	1500	512	0	82	0.47	0	65.5	56.1	43.5	38.8	38.8
1-2 AM	390	0.0	63	0.0	1500	390	0	63	0.46	0	65.6	56.4	43.9	38.9	38.9
2-3 AM	404	0.0	65	0.0	1500	404	0	65	0.46	0	65.6	56.4	43.9	38.9	38.9
3-4 AM	393	0.0	64	0.0	1500	393	0	64	0.46	0	65.6	56.4	43.9	38.9	38.9
4-5 AM	534	0.0	86	0.0	1500	534	0	86	0.47	0	65.4	56.0	43.3	38.7	38.7
5-6 AM	1046	0.0	169	0.0	1499	1046	0	169	0.56	0	64.5	54.0	40.5	37.6	37.6
6-7 AM	1621	0.0	263	0.0	1499	1621	0	263	2.24	39	63.3	35.9	30.8	36.5	36.5
7-8 AM	1721	0.0	278	0.0	1500	1591	130	408	8.17	195	63.2	16.8	30.8	36.3	34.7
8-9 AM	1696	0.0	275	0.0	1500	1498	198	473	8.74	208	63.2	15.9	30.8	36.3	33.8
9-10 AM	1831	0.0	296	0.0	1500	1521	310	607	9.33	224	63.0	15.2	30.8	36.1	32.2
10-11 AM	1902	0.0	308	0.0	1499	1509	393	701	9.79	237	62.8	14.6	30.8	35.9	31.1
11A-NOON	1937	0.0	313	0.0	1499	1506	431	744	10.01	243	62.8	14.3	30.8	35.8	30.5
NOON-1PM	2022	0.0	327	0.0	1500	1515	506	834	10.50	256	62.6	13.8	30.8	35.7	29.4
1-2 PM	2073	0.0	336	0.0	1499	1510	564	899	10.88	267	62.5	13.4	30.8	35.6	28.6
2-3 PM	2158	0.0	349	0.0	1500	1518	640	989	11.43	282	62.3	12.9	30.8	35.4	27.4
3-4 PM	2243	0.0	362	0.0	1500	1519	724	1087	12.09	300	62.2	12.4	30.8	35.3	26.3
4-5 PM	2329	0.0	377	0.0	1500	1515	813	1190	12.86	321	62.0	11.7	30.8	35.1	25.0
5-6 PM	2206	0.0	357	0.0	1499	1470	736	1093	12.14	301	62.3	12.3	30.8	35.3	26.1
6-7 PM	2244	0.0	362	0.0	1500	1507	737	1100	12.18	302	62.2	12.2	30.8	35.3	26.1
7-8 PM	2072	0.0	336	0.0	1499	1460	612	948	11.17	275	62.5	13.2	30.8	35.6	27.9
8-9 PM	1898	0.0	307	0.0	1500	1465	433	740	9.99	243	62.8	14.3	30.8	36.0	30.6
9-10 PM	1461	0.0	236	0.0	1499	1392	69	305	7.49	176	63.7	17.9	30.8	36.8	36.0
10-11 PM	1038	0.0	168	0.0	1500	1038	0	168	1.01	18	64.5	47.8	40.2	37.6	37.6
11PM-MID	687	0.0	111	0.0	1500	687	0	111	0.49	0	65.1	55.6	42.8	38.4	38.4

----- 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	0.0180
MAIN ROUTE WITH WORKS	0.0124
DIVERSION	0.1022

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$82,672
CONGESTED HOURS PER DAY*	0

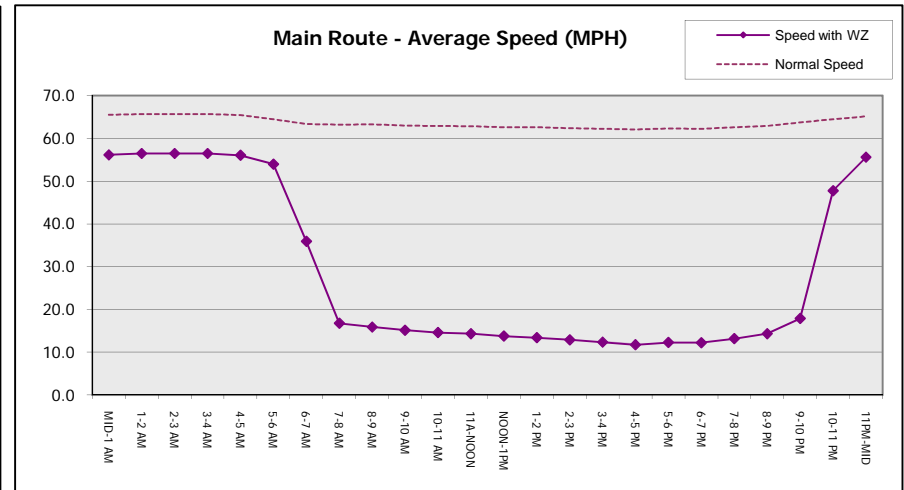
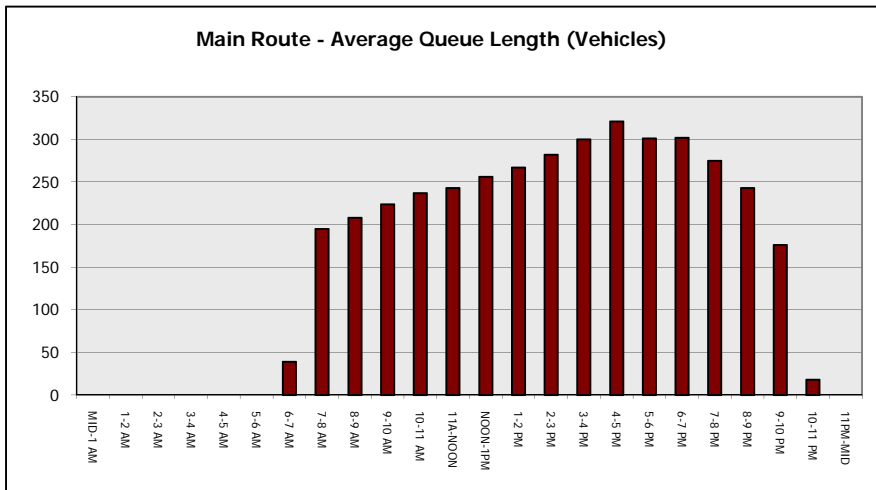
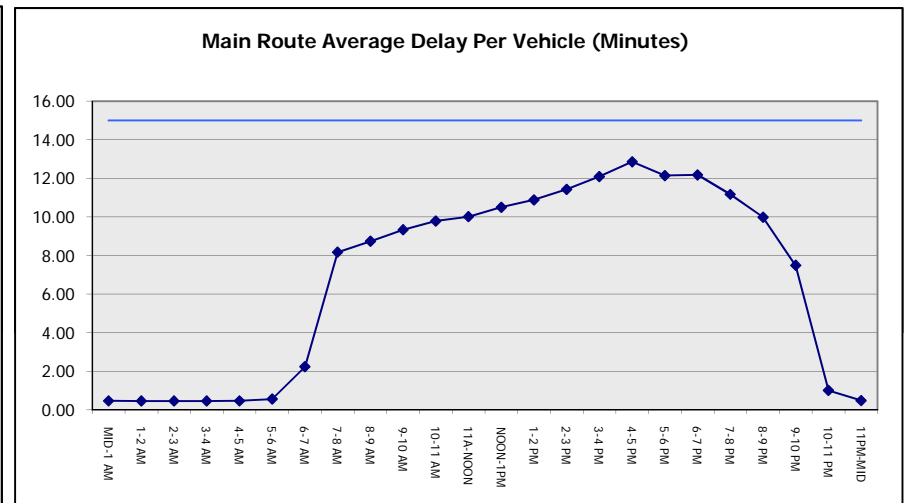
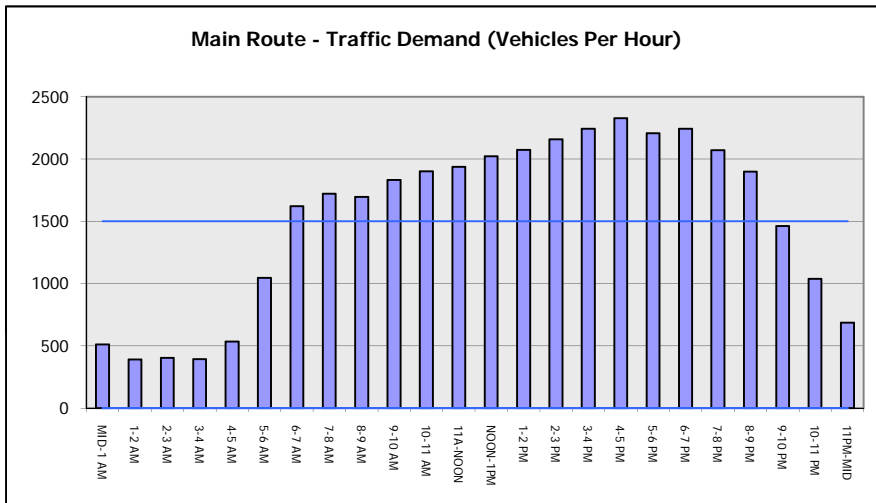
*Delays Exceeding 15 Minutes

**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

FRIDAY WESTBOUND DIRECTION



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

SUMMARY OF TRAFFIC MODEL OUTPUT

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	437	0.0	71	0.0	1500	437	0	71	0.46	0	65.6	56.3	43.7	38.9	38.9
1-2 AM	381	0.0	62	0.0	1500	381	0	62	0.46	0	65.7	56.5	44.0	39.0	39.0
2-3 AM	375	0.0	61	0.0	1500	375	0	61	0.46	0	65.7	56.5	44.0	39.0	39.0
3-4 AM	416	0.0	67	0.0	1500	416	0	67	0.46	0	65.6	56.4	43.8	38.9	38.9
4-5 AM	455	0.0	73	0.0	1500	455	0	73	0.47	0	65.5	56.3	43.7	38.8	38.8
5-6 AM	575	0.0	93	0.0	1500	575	0	93	0.48	0	65.3	55.9	43.2	38.6	38.6
6-7 AM	897	0.0	145	0.0	1500	897	0	145	0.51	0	64.7	55.0	42.0	37.9	37.9
7-8 AM	1213	0.0	196	0.0	1500	1213	0	196	0.65	0	64.1	52.4	38.1	37.3	37.3
8-9 AM	1328	0.0	215	0.0	1500	1328	0	215	0.80	0	63.9	50.1	34.8	37.1	37.1
9-10 AM	1446	0.0	234	0.0	1499	1446	0	234	0.95	0	63.7	48.0	31.9	36.8	36.8
10-11 AM	1494	0.0	242	0.0	1499	1494	0	242	1.09	2	63.6	46.3	31.1	36.8	36.8
11A-NOON	1648	0.0	267	0.0	1500	1648	0	267	3.60	77	63.3	28.4	30.8	36.5	36.5
NOON-1PM	1680	0.0	272	0.0	1499	1552	128	400	8.34	198	63.3	16.5	30.8	36.4	34.8
1-2 PM	1849	0.0	299	0.0	1500	1526	323	622	9.40	226	63.0	15.0	30.8	36.0	32.0
2-3 PM	1920	0.0	311	0.0	1499	1508	412	723	9.90	240	62.8	14.5	30.8	35.9	30.7
3-4 PM	1917	0.0	310	0.0	1499	1501	416	725	9.92	240	62.8	14.5	30.8	35.9	30.7
4-5 PM	2068	0.0	335	0.0	1500	1524	544	878	10.75	263	62.5	13.5	30.8	35.6	28.8
5-6 PM	1954	0.0	316	0.0	1499	1473	481	797	10.30	251	62.7	14.0	30.8	35.8	29.9
6-7 PM	1797	0.0	290	0.0	1500	1472	325	616	9.38	226	63.0	15.1	30.8	36.1	32.1
7-8 PM	1484	0.0	240	0.0	1499	1433	52	291	7.72	181	63.6	17.5	30.8	36.8	36.1
8-9 PM	1250	0.0	202	0.0	1499	1250	0	202	2.10	52	64.1	37.1	35.2	37.3	37.3
9-10 PM	1043	0.0	169	0.0	1500	1043	0	169	0.52	0	64.5	54.5	41.5	37.6	37.6
10-11 PM	871	0.0	141	0.0	1500	871	0	141	0.51	0	64.8	55.0	42.2	38.0	38.0
11PM-MID	659	0.0	107	0.0	1500	659	0	107	0.49	0	65.1	55.6	42.9	38.4	38.4

----- 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	0.0144
MAIN ROUTE WITH WORKS	0.0113
DIVERSION	0.0573

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$40,018
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 11 - USH 14**

MAY
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

