

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

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	516	0.0	83	0.0	1500	516	0	83	0.47	0	65.5	56.1	43.5	38.7	38.7
1-2 AM	383	0.0	62	0.0	1500	383	0	62	0.46	0	65.7	56.5	44.0	39.0	39.0
2-3 AM	357	0.0	58	0.0	1500	357	0	58	0.46	0	65.7	56.6	44.0	39.0	39.0
3-4 AM	313	0.0	50	0.0	1500	313	0	50	0.45	0	65.8	56.7	44.2	39.1	39.1
4-5 AM	408	0.0	66	0.0	1500	408	0	66	0.46	0	65.6	56.4	43.8	38.9	38.9
5-6 AM	670	0.0	108	0.0	1500	670	0	108	0.49	0	65.1	55.6	42.8	38.4	38.4
6-7 AM	1050	0.0	170	0.0	1500	1050	0	170	0.52	0	64.5	54.5	41.5	37.6	37.6
7-8 AM	1380	0.0	223	0.0	1499	1380	0	223	0.87	0	63.8	49.2	33.6	36.9	36.9
8-9 AM	1732	0.0	280	0.0	1499	1732	0	280	3.96	97	63.2	26.9	30.8	36.3	36.3
9-10 AM	1997	0.0	323	0.0	1499	1532	465	788	10.24	250	62.7	14.1	30.8	35.7	29.9
10-11 AM	2167	0.0	350	0.0	1500	1525	642	992	11.45	282	62.3	12.9	30.8	35.4	27.4
11A-NOON	2102	0.0	340	0.0	1499	1478	624	964	11.27	277	62.5	13.0	30.8	35.5	27.8
NOON-1PM	1904	0.0	308	0.0	1499	1466	438	746	10.02	243	62.8	14.3	30.8	35.9	30.5
1-2 PM	1879	0.0	304	0.0	1500	1497	381	685	9.71	235	62.9	14.7	30.8	36.0	31.2
2-3 PM	1742	0.0	282	0.0	1499	1478	264	546	9.06	217	63.2	15.5	30.8	36.3	33.0
3-4 PM	1600	0.0	258	0.0	1500	1484	116	374	8.34	197	63.4	16.5	30.8	36.5	35.1
4-5 PM	1595	0.0	258	0.0	1500	1499	96	354	8.26	195	63.4	16.6	30.8	36.5	35.3
5-6 PM	1409	0.0	228	0.0	1499	1405	5	232	6.64	153	63.8	19.4	30.8	36.9	36.9
6-7 PM	1225	0.0	198	0.0	1500	1225	0	198	1.25	20	64.1	44.8	36.8	37.3	37.3
7-8 PM	1027	0.0	166	0.0	1500	1027	0	166	0.52	0	64.5	54.6	41.6	37.7	37.7
8-9 PM	903	0.0	146	0.0	1500	903	0	146	0.51	0	64.7	55.0	42.0	37.9	37.9
9-10 PM	760	0.0	123	0.0	1500	760	0	123	0.50	0	65.0	55.4	42.5	38.2	38.2
10-11 PM	536	0.0	86	0.0	1500	536	0	86	0.47	0	65.4	56.0	43.3	38.7	38.7
11PM-MID	416	0.0	67	0.0	1500	416	0	67	0.46	0	65.6	56.4	43.8	38.9	38.9

----- 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	0.0139
MAIN ROUTE WITH WORKS	0.0107
DIVERSION	0.0587

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$51,075
CONGESTED HOURS PER DAY*	0

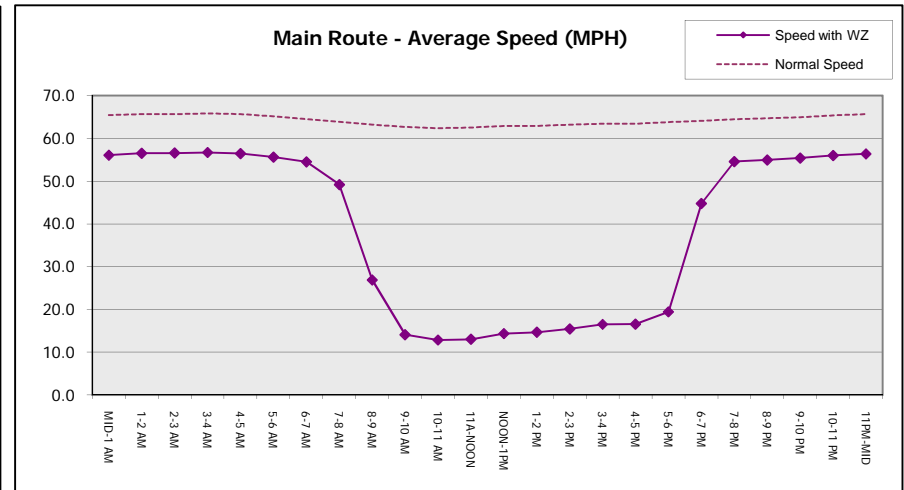
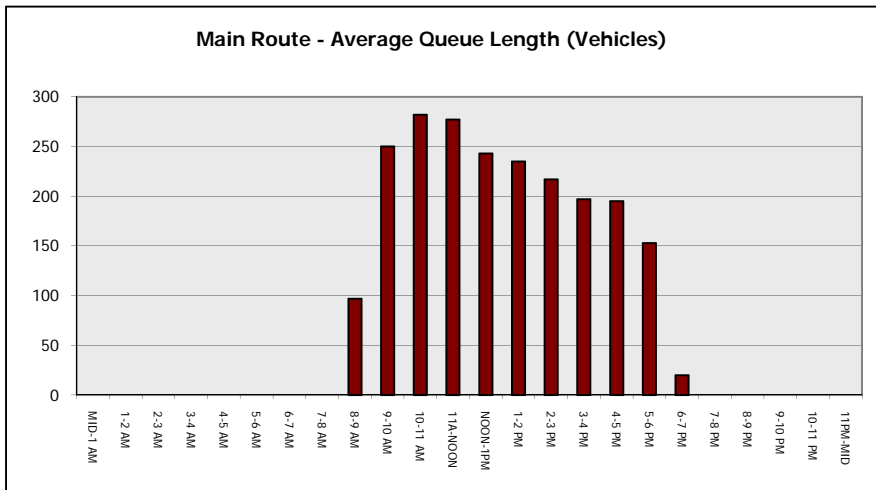
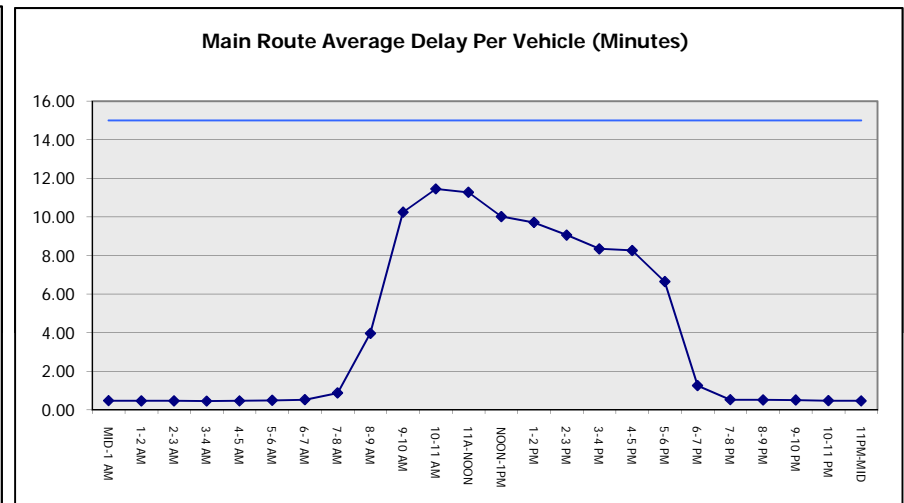
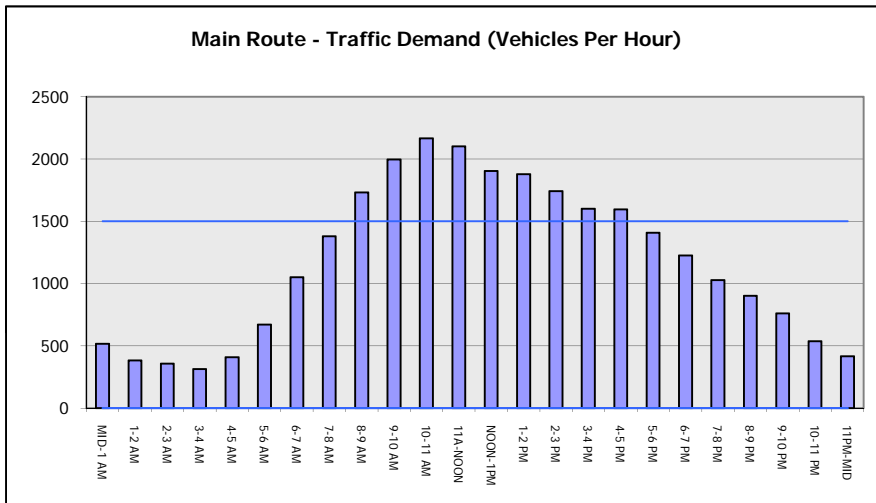
*Delays Exceeding 15 Minutes

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

SATURDAY 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

SATURDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	442	0.0	71	0.0	1500	442	0	71	0.47	0	65.6	56.3	43.7	38.9	38.9
1-2 AM	322	0.0	53	0.0	1500	322	0	53	0.45	0	65.8	56.7	44.2	39.1	39.1
2-3 AM	310	0.0	50	0.0	1500	310	0	50	0.45	0	65.8	56.7	44.2	39.1	39.1
3-4 AM	327	0.0	53	0.0	1500	327	0	53	0.45	0	65.8	56.7	44.2	39.1	39.1
4-5 AM	332	0.0	54	0.0	1500	332	0	54	0.45	0	65.8	56.6	44.2	39.1	39.1
5-6 AM	376	0.0	61	0.0	1500	376	0	61	0.46	0	65.7	56.5	44.0	39.0	39.0
6-7 AM	577	0.0	94	0.0	1500	577	0	94	0.48	0	65.3	55.9	43.2	38.6	38.6
7-8 AM	902	0.0	146	0.0	1500	902	0	146	0.51	0	64.7	55.0	42.0	37.9	37.9
8-9 AM	1231	0.0	199	0.0	1499	1231	0	199	0.67	0	64.1	52.0	37.6	37.3	37.3
9-10 AM	1489	0.0	241	0.0	1499	1489	0	241	1.14	4	63.6	45.7	31.4	36.8	36.8
10-11 AM	1619	0.0	261	0.0	1500	1619	0	261	3.47	71	63.3	29.1	30.8	36.5	36.5
11A-NOON	1705	0.0	276	0.0	1500	1572	133	409	8.30	198	63.2	16.5	30.8	36.3	34.7
NOON-1PM	1668	0.0	270	0.0	1500	1494	173	443	8.62	205	63.3	16.1	30.8	36.4	34.2
1-2 PM	1671	0.0	271	0.0	1500	1500	170	441	8.61	205	63.3	16.1	30.8	36.4	34.3
2-3 PM	1634	0.0	265	0.0	1500	1494	139	404	8.46	200	63.3	16.3	30.8	36.5	34.7
3-4 PM	1584	0.0	256	0.0	1500	1494	90	346	8.23	194	63.4	16.6	30.8	36.6	35.5
4-5 PM	1575	0.0	254	0.0	1500	1496	79	333	8.18	193	63.5	16.7	30.8	36.6	35.6
5-6 PM	1381	0.0	223	0.0	1499	1380	1	225	6.03	139	63.8	20.8	31.1	36.9	36.9
6-7 PM	1221	0.0	198	0.0	1500	1221	0	198	0.96	10	64.1	48.2	37.3	37.3	37.3
7-8 PM	1076	0.0	174	0.0	1500	1076	0	174	0.53	0	64.4	54.5	41.4	37.6	37.6
8-9 PM	972	0.0	158	0.0	1500	972	0	158	0.52	0	64.6	54.8	41.8	37.8	37.8
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	684	0.0	110	0.0	1500	684	0	110	0.49	0	65.1	55.6	42.8	38.4	38.4
11PM-MID	500	0.0	81	0.0	1500	500	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	0.0121
MAIN ROUTE WITH WORKS	0.0101
DIVERSION	0.0367

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$31,061
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY EASTBOUND DIRECTION

