

IH 94: STH 35 TO STH 65 (ST CROIX COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 65 - USH 12	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	340	0.0	68	0.0	1500	340	0	68	0.46	0	65.8	60.7	44.2	38.9	38.9
1-2 AM	318	0.0	64	0.0	1500	318	0	64	0.45	0	65.8	60.7	44.2	38.9	38.9
2-3 AM	307	0.0	62	0.0	1500	307	0	62	0.45	0	65.8	60.8	44.3	39.0	39.0
3-4 AM	350	0.0	70	0.0	1500	350	0	70	0.46	0	65.7	60.7	44.1	38.9	38.9
4-5 AM	572	0.0	114	0.0	1500	572	0	114	0.48	0	65.3	60.1	43.2	38.3	38.3
5-6 AM	982	0.0	196	0.0	OFF	982	0	196	0.00	0	64.6	64.6	64.6	37.3	37.3
6-7 AM	1313	0.0	263	0.0	OFF	1313	0	263	0.00	0	64.0	64.0	64.0	36.5	36.5
7-8 AM	1305	0.0	261	0.0	OFF	1305	0	261	0.00	0	64.0	64.0	64.0	36.5	36.5
8-9 AM	1197	0.0	239	0.0	OFF	1197	0	239	0.00	0	64.1	64.1	64.1	36.8	36.8
9-10 AM	1238	0.0	247	0.0	OFF	1238	0	247	0.00	0	64.1	64.1	64.1	36.7	36.7
10-11 AM	1283	0.0	256	0.0	OFF	1283	0	256	0.00	0	64.0	64.0	64.0	36.6	36.6
11A-NOON	1400	0.0	279	0.0	OFF	1400	0	279	0.00	0	63.8	63.8	63.8	36.3	36.3
NOON-1PM	1567	0.0	313	0.0	OFF	1567	0	313	0.00	0	63.5	63.5	63.5	35.8	35.8
1-2 PM	1751	0.0	350	0.0	OFF	1751	0	350	0.00	0	63.1	63.1	63.1	35.4	35.4
2-3 PM	1806	0.0	361	0.0	OFF	1806	0	361	0.00	0	63.0	63.0	63.0	35.3	35.3
3-4 PM	1915	0.0	382	0.0	OFF	1915	0	382	0.00	0	62.8	62.8	62.8	35.0	35.0
4-5 PM	1936	0.0	386	0.0	OFF	1936	0	386	0.00	0	62.8	62.8	62.8	35.0	35.0
5-6 PM	1853	0.0	371	0.0	OFF	1853	0	371	0.00	0	62.9	62.9	62.9	35.1	35.1
6-7 PM	1614	0.0	322	0.0	OFF	1614	0	322	0.00	0	63.4	63.4	63.4	35.8	35.8
7-8 PM	1339	0.0	268	0.0	1500	1339	0	268	0.82	0	63.9	55.8	34.5	36.4	36.4
8-9 PM	1220	0.0	244	0.0	1500	1220	0	244	0.66	0	64.1	57.4	37.8	36.7	36.7
9-10 PM	1037	0.0	207	0.0	1500	1037	0	207	0.52	0	64.5	58.9	41.5	37.2	37.2
10-11 PM	829	0.0	165	0.0	1500	829	0	165	0.50	0	64.8	59.4	42.3	37.7	37.7
11PM-MID	541	0.0	108	0.0	1500	541	0	108	0.47	0	65.4	60.2	43.3	38.4	38.4

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

----- 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	0.0268
MAIN ROUTE WITH WORKS	0.0263
DIVERSION	0.0657

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$942
CONGESTED HOURS PER DAY*	0

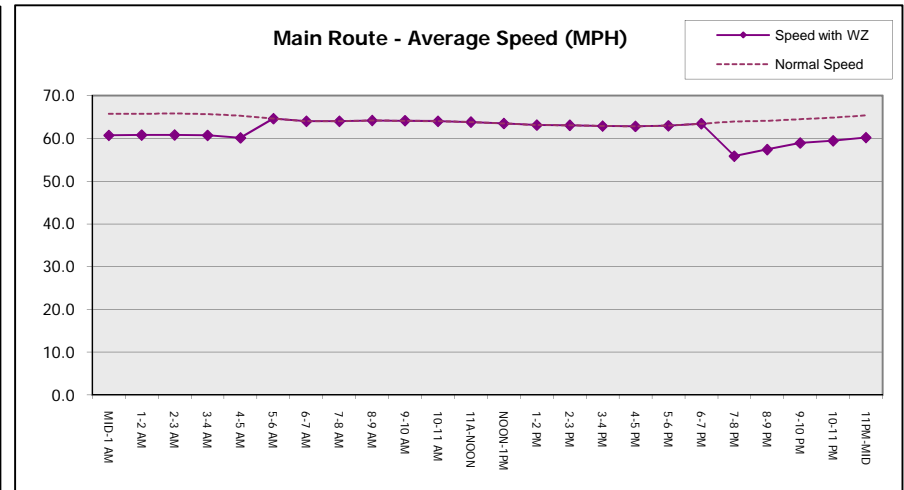
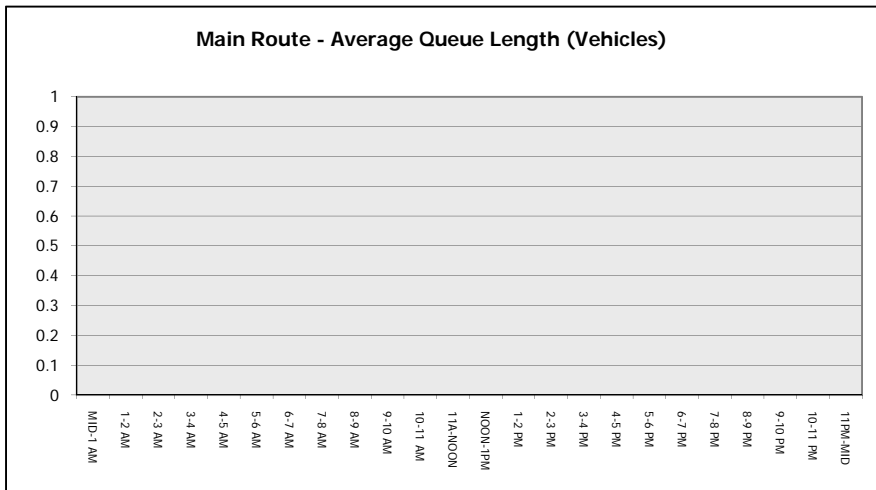
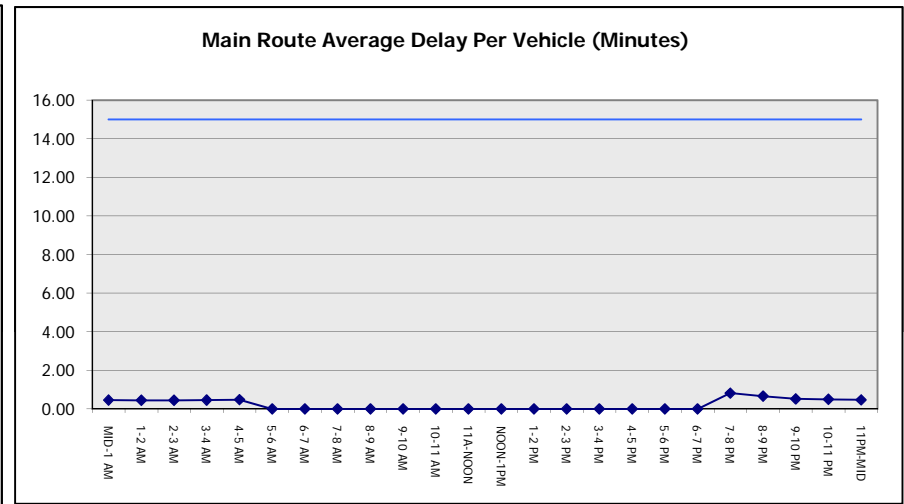
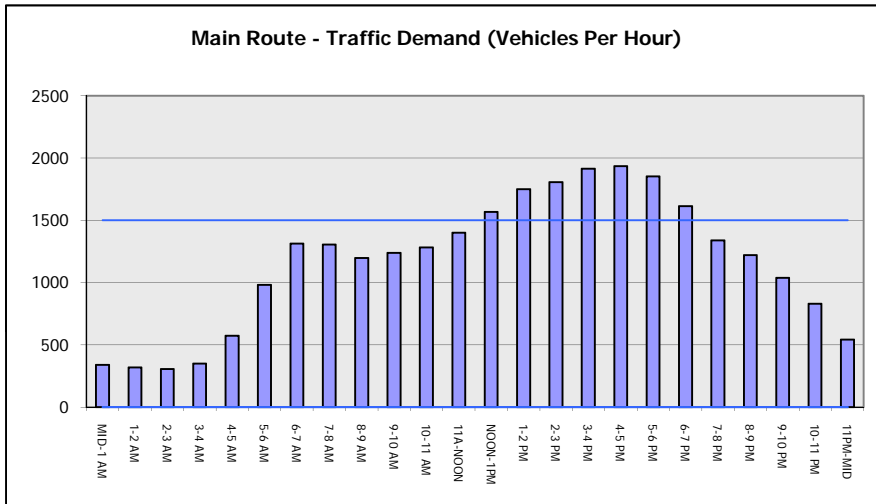
*Delays Exceeding 15 Minutes

**IH 94: STH 35 TO STH 65 (ST CROIX COUNTY)
NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 65 - USH 12**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



IH 94: STH 35 TO STH 65 (ST CROIX COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 65 - USH 12	MAY
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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	329	0.0	66	0.0	1500	329	0	66	0.45	0	65.8	60.7	44.2	38.9	38.9
1-2 AM	213	0.0	43	0.0	1500	213	0	43	0.44	0	66.0	61.0	44.6	39.2	39.2
2-3 AM	209	0.0	42	0.0	1500	209	0	42	0.44	0	66.0	61.0	44.6	39.2	39.2
3-4 AM	203	0.0	41	0.0	1500	203	0	41	0.44	0	66.0	61.0	44.6	39.2	39.2
4-5 AM	301	0.0	61	0.0	1500	301	0	61	0.45	0	65.8	60.8	44.3	39.0	39.0
5-6 AM	468	0.0	93	0.0	OFF	468	0	93	0.00	0	65.5	65.5	65.5	38.6	38.6
6-7 AM	789	0.0	158	0.0	OFF	789	0	158	0.00	0	64.9	64.9	64.9	37.8	37.8
7-8 AM	1183	0.0	237	0.0	OFF	1183	0	237	0.00	0	64.2	64.2	64.2	36.8	36.8
8-9 AM	1335	0.0	267	0.0	OFF	1335	0	267	0.00	0	63.9	63.9	63.9	36.5	36.5
9-10 AM	1666	0.0	333	0.0	OFF	1666	0	333	0.00	0	63.3	63.3	63.3	35.6	35.6
10-11 AM	1845	0.0	368	0.0	OFF	1845	0	368	0.00	0	63.0	63.0	63.0	35.1	35.1
11A-NOON	1922	0.0	384	0.0	OFF	1922	0	384	0.00	0	62.8	62.8	62.8	35.0	35.0
NOON-1PM	2041	0.0	407	0.0	OFF	2041	0	407	0.00	0	62.6	62.6	62.6	34.7	34.7
1-2 PM	2348	0.0	469	0.0	OFF	2348	0	469	0.00	0	62.0	62.0	62.0	33.9	33.9
2-3 PM	2366	0.0	472	0.0	OFF	2366	0	472	0.00	0	62.0	62.0	62.0	33.9	33.9
3-4 PM	2600	0.0	519	0.0	OFF	2600	0	519	0.00	0	59.9	59.9	59.9	33.3	33.3
4-5 PM	2650	0.0	530	0.0	OFF	2650	0	530	0.00	0	59.4	59.4	59.4	33.2	33.2
5-6 PM	2545	0.0	509	0.0	OFF	2545	0	509	0.00	0	60.4	60.4	60.4	33.4	33.4
6-7 PM	2442	0.0	488	0.0	OFF	2442	0	488	0.00	0	61.5	61.5	61.5	33.7	33.7
7-8 PM	1698	0.0	339	0.0	1499	1698	0	339	5.91	140	63.2	31.0	30.8	35.5	35.5
8-9 PM	1138	0.0	227	0.0	1499	1138	0	227	2.65	72	64.3	43.6	37.0	36.9	36.9
9-10 PM	840	0.0	167	0.0	1500	840	0	167	0.50	0	64.8	59.4	42.2	37.7	37.7
10-11 PM	690	0.0	138	0.0	1500	690	0	138	0.49	0	65.1	59.8	42.8	38.0	38.0
11PM-MID	518	0.0	104	0.0	1500	518	0	104	0.47	0	65.4	60.2	43.4	38.4	38.4

"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	0.0309
MAIN ROUTE WITH WORKS	0.0305
DIVERSION	0.0759

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,453
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 65 - USH 12**

MAY
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

