

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

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		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	211	0.0	42	0.0	1500	211	0	42	0.44	0	66.0	61.0	44.6	39.2	39.2
1-2 AM	175	0.0	35	0.0	1500	175	0	35	0.44	0	66.1	61.1	44.8	39.3	39.3
2-3 AM	127	0.0	25	0.0	1500	127	0	25	0.43	0	66.1	61.2	45.0	39.4	39.4
3-4 AM	127	0.0	25	0.0	1500	127	0	25	0.43	0	66.1	61.2	45.0	39.4	39.4
4-5 AM	140	0.0	28	0.0	1500	140	0	28	0.44	0	66.1	61.2	44.9	39.4	39.4
5-6 AM	185	0.0	37	0.0	1500	185	0	37	0.44	0	66.0	61.1	44.8	39.3	39.3
6-7 AM	263	0.0	52	0.0	1500	263	0	52	0.45	0	65.9	60.9	44.4	39.1	39.1
7-8 AM	407	0.0	82	0.0	1500	407	0	82	0.46	0	65.6	60.5	43.8	38.8	38.8
8-9 AM	631	0.0	126	0.0	1500	631	0	126	0.48	0	65.2	59.9	43.0	38.2	38.2
9-10 AM	883	0.0	177	0.0	OFF	883	0	177	0.00	0	64.8	64.8	64.8	37.6	37.6
10-11 AM	1193	0.0	239	0.0	OFF	1193	0	239	0.00	0	64.1	64.1	64.1	36.8	36.8
11A-NOON	1477	0.0	295	0.0	OFF	1477	0	295	0.00	0	63.7	63.7	63.7	36.1	36.1
NOON-1PM	1598	0.0	319	0.0	OFF	1598	0	319	0.00	0	63.4	63.4	63.4	35.8	35.8
1-2 PM	1772	0.0	354	0.0	OFF	1772	0	354	0.00	0	63.1	63.1	63.1	35.3	35.3
2-3 PM	2034	0.0	406	0.0	OFF	2034	0	406	0.00	0	62.6	62.6	62.6	34.7	34.7
3-4 PM	2249	0.0	449	0.0	OFF	2249	0	449	0.00	0	62.2	62.2	62.2	34.2	34.2
4-5 PM	2309	0.0	462	0.0	OFF	2309	0	462	0.00	0	62.1	62.1	62.1	34.0	34.0
5-6 PM	2265	0.0	452	0.0	OFF	2265	0	452	0.00	0	62.2	62.2	62.2	34.2	34.2
6-7 PM	2053	0.0	410	0.0	OFF	2053	0	410	0.00	0	62.5	62.5	62.5	34.7	34.7
7-8 PM	1791	0.0	358	0.0	1499	1791	0	358	6.37	160	63.0	29.8	30.8	35.3	35.3
8-9 PM	1558	0.0	311	0.0	1499	1475	83	394	11.53	284	63.5	20.9	30.8	35.9	34.8
9-10 PM	1203	0.0	241	0.0	1499	1203	0	241	5.05	139	64.1	33.7	34.2	36.8	36.8
10-11 PM	896	0.0	179	0.0	1500	896	0	179	0.51	0	64.7	59.3	42.0	37.5	37.5
11PM-MID	511	0.0	103	0.0	1500	511	0	103	0.47	0	65.5	60.2	43.5	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	0.0249
MAIN ROUTE WITH WORKS	0.0243
DIVERSION	0.0621

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$10,348
CONGESTED HOURS PER DAY*	0

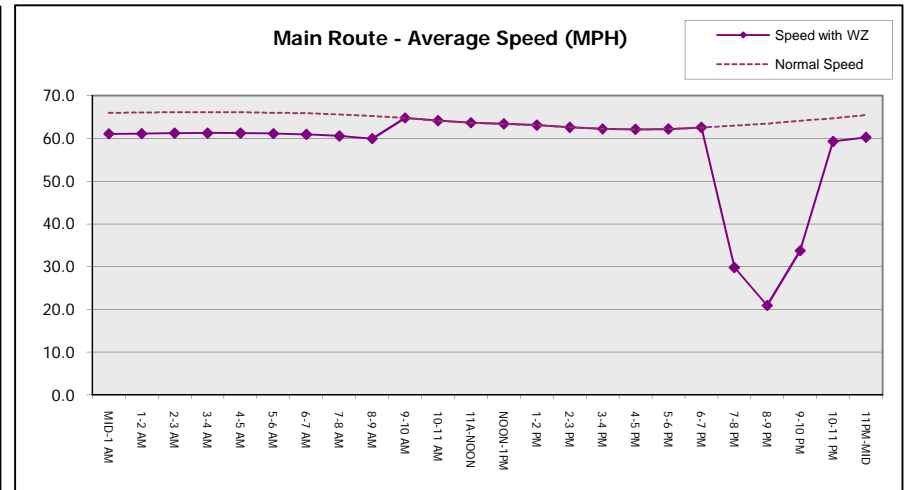
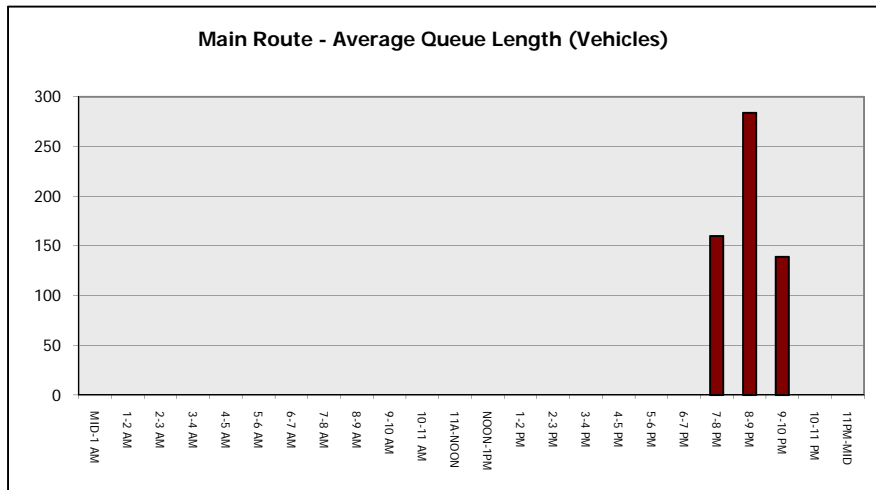
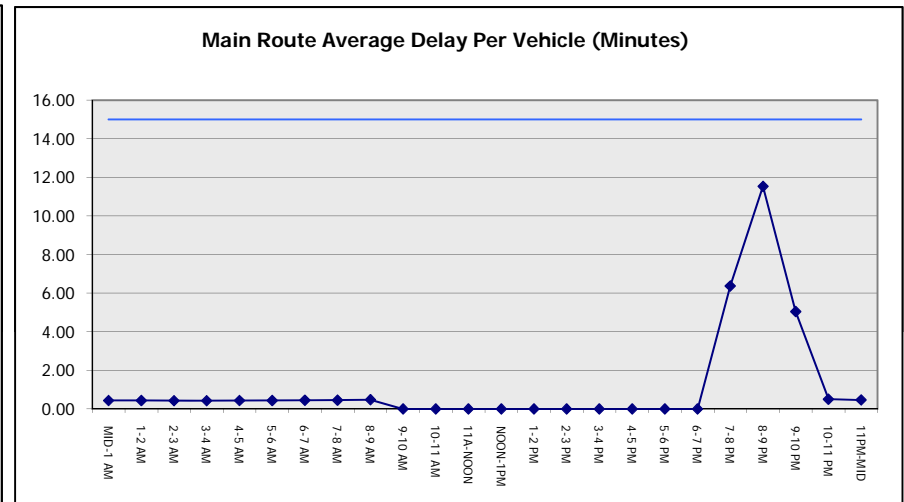
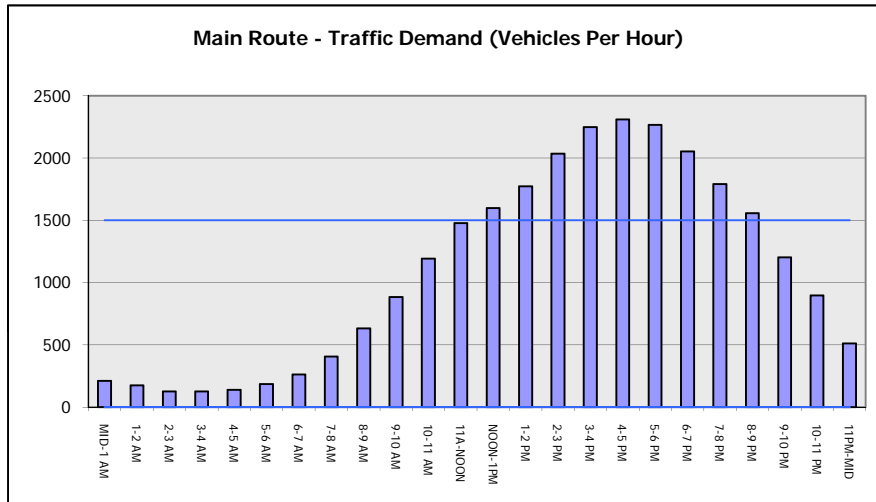
*Delays Exceeding 15 Minutes

**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

SUNDAY WESTBOUND DIRECTION



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	
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		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	206	0.0	41	0.0	1500	206	0	41	0.44	0	66.0	61.0	44.6	39.2	39.2
1-2 AM	133	0.0	26	0.0	1500	133	0	26	0.44	0	66.1	61.2	45.0	39.4	39.4
2-3 AM	109	0.0	22	0.0	1500	109	0	22	0.43	0	66.2	61.3	45.1	39.5	39.5
3-4 AM	99	0.0	20	0.0	1500	99	0	20	0.43	0	66.2	61.4	45.1	39.5	39.5
4-5 AM	124	0.0	25	0.0	1500	124	0	25	0.43	0	66.1	61.3	45.0	39.4	39.4
5-6 AM	190	0.0	38	0.0	1500	190	0	38	0.44	0	66.0	61.1	44.7	39.2	39.2
6-7 AM	347	0.0	69	0.0	1500	347	0	69	0.46	0	65.8	60.7	44.1	38.9	38.9
7-8 AM	554	0.0	111	0.0	1500	554	0	111	0.48	0	65.3	60.2	43.3	38.4	38.4
8-9 AM	831	0.0	166	0.0	1500	831	0	166	0.50	0	64.8	59.4	42.3	37.7	37.7
9-10 AM	1202	0.0	240	0.0	OFF	1202	0	240	0.00	0	64.1	64.1	64.1	36.8	36.8
10-11 AM	1559	0.0	312	0.0	OFF	1559	0	312	0.00	0	63.5	63.5	63.5	35.9	35.9
11A-NOON	1661	0.0	332	0.0	OFF	1661	0	332	0.00	0	63.3	63.3	63.3	35.6	35.6
NOON-1PM	1715	0.0	342	0.0	OFF	1715	0	342	0.00	0	63.2	63.2	63.2	35.5	35.5
1-2 PM	1727	0.0	344	0.0	OFF	1727	0	344	0.00	0	63.2	63.2	63.2	35.5	35.5
2-3 PM	1694	0.0	338	0.0	OFF	1694	0	338	0.00	0	63.2	63.2	63.2	35.5	35.5
3-4 PM	1665	0.0	333	0.0	OFF	1665	0	333	0.00	0	63.3	63.3	63.3	35.6	35.6
4-5 PM	1643	0.0	329	0.0	OFF	1643	0	329	0.00	0	63.3	63.3	63.3	35.6	35.6
5-6 PM	1489	0.0	297	0.0	OFF	1489	0	297	0.00	0	63.6	63.6	63.6	36.1	36.1
6-7 PM	1265	0.0	253	0.0	OFF	1265	0	253	0.00	0	64.0	64.0	64.0	36.6	36.6
7-8 PM	1061	0.0	211	0.0	1500	1061	0	211	0.52	0	64.4	58.9	41.5	37.1	37.1
8-9 PM	819	0.0	163	0.0	1500	819	0	163	0.50	0	64.8	59.5	42.4	37.7	37.7
9-10 PM	615	0.0	122	0.0	1500	615	0	122	0.48	0	65.3	60.0	43.1	38.3	38.3
10-11 PM	434	0.0	87	0.0	1500	434	0	87	0.46	0	65.6	60.5	43.8	38.7	38.7
11PM-MID	351	0.0	70	0.0	1500	351	0	70	0.46	0	65.7	60.7	44.1	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 (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	0.0205
MAIN ROUTE WITH WORKS	0.0201
DIVERSION	0.0504

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$789
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 65 - USH 12

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

