

<b>IH 94: STH 35 TO STH 65 (ST CROIX COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 65 - USH 12</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		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	OFF	211	0	42	0.00	0	66.0	66.0	66.0	39.2	39.2
1-2 AM	175	0.0	35	0.0	OFF	175	0	35	0.00	0	66.1	66.1	66.1	39.3	39.3
2-3 AM	127	0.0	25	0.0	OFF	127	0	25	0.00	0	66.1	66.1	66.1	39.4	39.4
3-4 AM	127	0.0	25	0.0	OFF	127	0	25	0.00	0	66.1	66.1	66.1	39.4	39.4
4-5 AM	140	0.0	28	0.0	OFF	140	0	28	0.00	0	66.1	66.1	66.1	39.4	39.4
5-6 AM	185	0.0	37	0.0	OFF	185	0	37	0.00	0	66.0	66.0	66.0	39.3	39.3
6-7 AM	263	0.0	52	0.0	OFF	263	0	52	0.00	0	65.9	65.9	65.9	39.1	39.1
7-8 AM	407	0.0	82	0.0	OFF	407	0	82	0.00	0	65.6	65.6	65.6	38.8	38.8
8-9 AM	631	0.0	126	0.0	OFF	631	0	126	0.00	0	65.2	65.2	65.2	38.2	38.2
9-10 AM	883	0.0	177	0.0	1500	883	0	177	0.51	0	64.8	59.3	42.1	37.6	37.6
10-11 AM	1193	0.0	239	0.0	1499	1193	0	239	0.63	0	64.1	57.7	38.8	36.8	36.8
11A-NOON	1477	0.0	295	0.0	1499	1477	0	295	1.10	3	63.7	53.3	31.5	36.1	36.1
NOON-1PM	1598	0.0	319	0.0	1500	1598	0	319	2.90	53	63.4	41.9	30.8	35.8	35.8
1-2 PM	1772	0.0	354	0.0	1500	1724	48	402	8.98	225	63.1	24.5	30.8	35.3	34.8
2-3 PM	2034	0.0	406	0.0	1499	1574	460	866	14.93	378	62.6	17.4	30.8	34.7	29.0
3-4 PM	2249	0.0	449	0.0	1500	1567	682	1131	17.55	449	62.2	15.4	30.8	34.2	25.7
4-5 PM	2309	0.0	462	0.0	1499	1517	792	1253+	19.00	488	62.1	14.5	30.8	34.0	24.2
5-6 PM	2265	0.0	452	0.0	1499	1475	790	1242+	18.87	484	62.2	14.6	30.8	34.2	24.3
6-7 PM	2053	0.0	410	0.0	1499	1420	633	1043	16.62	424	62.5	16.1	30.8	34.7	26.8
7-8 PM	1791	0.0	358	0.0	OFF	1791	0	358	0.58	34	63.0	57.3	57.3	35.3	35.3
8-9 PM	1558	0.0	311	0.0	OFF	1558	0	311	0.00	0	63.5	63.5	63.5	35.9	35.9
9-10 PM	1203	0.0	241	0.0	OFF	1203	0	241	0.00	0	64.1	64.1	64.1	36.8	36.8
10-11 PM	896	0.0	179	0.0	OFF	896	0	179	0.00	0	64.7	64.7	64.7	37.5	37.5
11PM-MID	511	0.0	103	0.0	OFF	511	0	103	0.00	0	65.5	65.5	65.5	38.4	38.4

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

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0207
DIVERSION	0.1011

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$64,841
CONGESTED HOURS PER DAY*	4

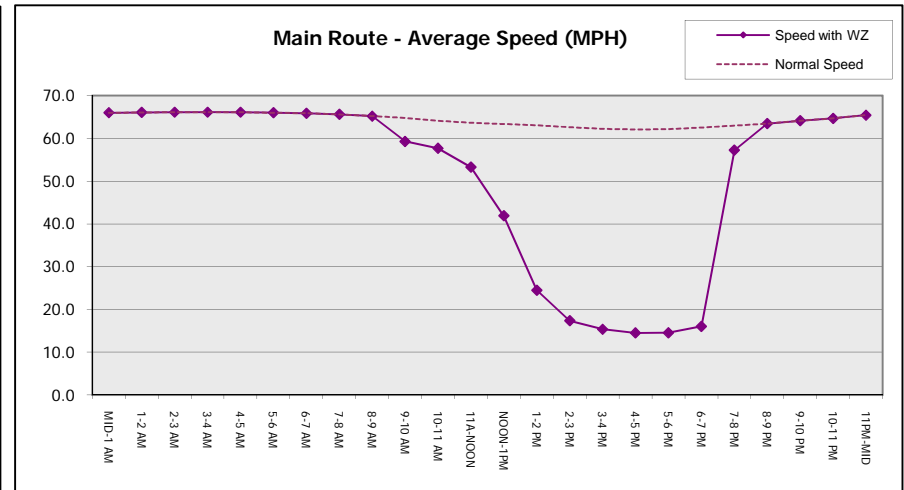
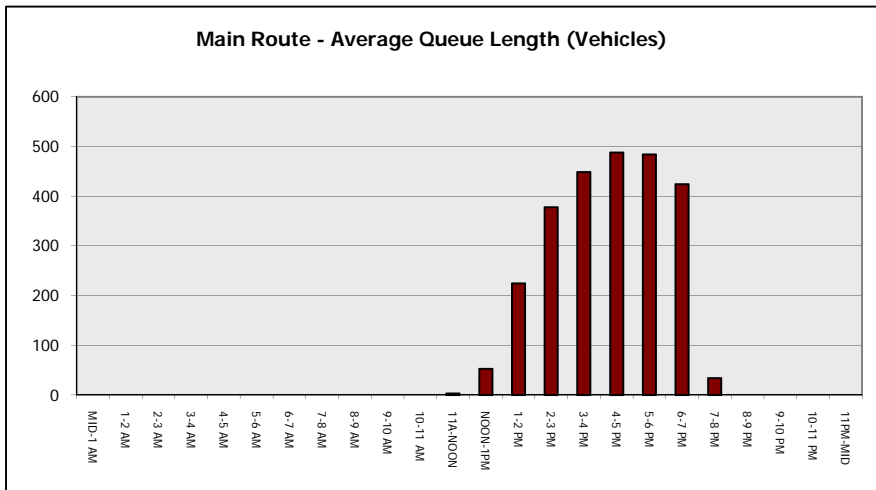
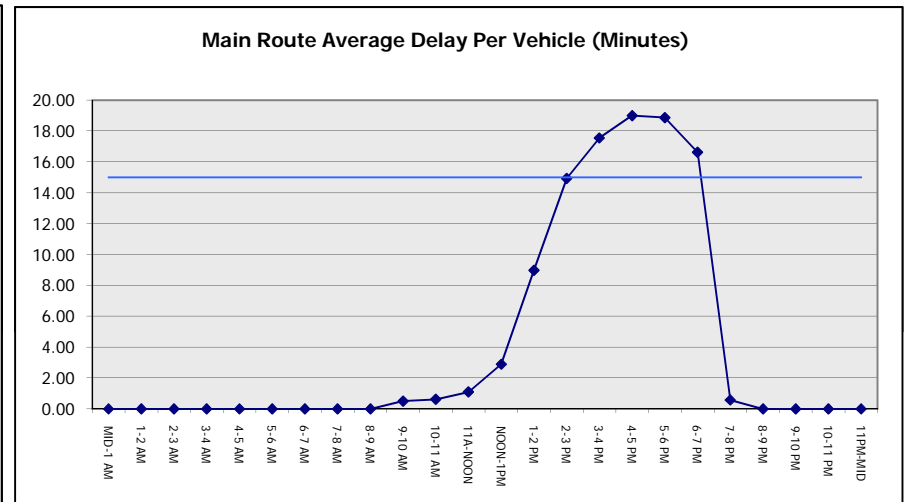
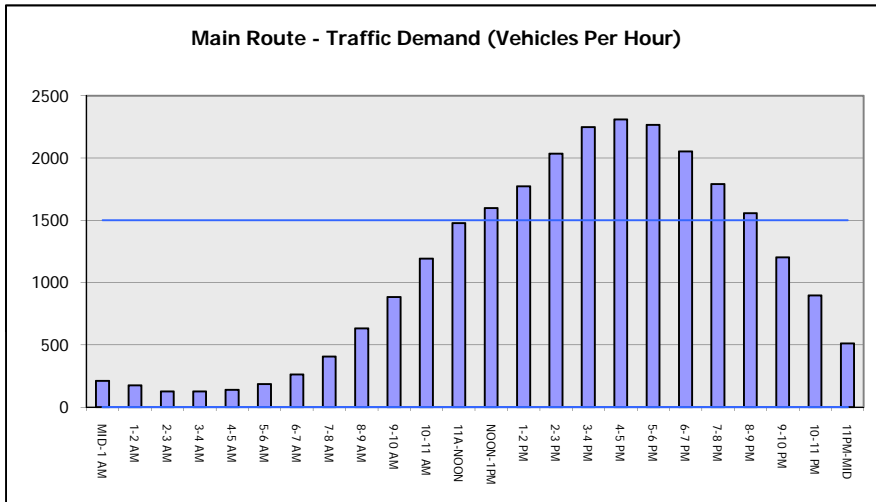
\*Delays Exceeding 15 Minutes

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

**MAY**  
Analyzed for 2009  
Construction Season

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

**SUNDAY WESTBOUND DIRECTION**



<b>IH 94: STH 35 TO STH 65 (ST CROIX COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 65 - USH 12</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	206	0.0	41	0.0	OFF	206	0	41	0.00	0	66.0	66.0	66.0	39.2	39.2
1-2 AM	133	0.0	26	0.0	OFF	133	0	26	0.00	0	66.1	66.1	66.1	39.4	39.4
2-3 AM	109	0.0	22	0.0	OFF	109	0	22	0.00	0	66.2	66.2	66.2	39.5	39.5
3-4 AM	99	0.0	20	0.0	OFF	99	0	20	0.00	0	66.2	66.2	66.2	39.5	39.5
4-5 AM	124	0.0	25	0.0	OFF	124	0	25	0.00	0	66.1	66.1	66.1	39.4	39.4
5-6 AM	190	0.0	38	0.0	OFF	190	0	38	0.00	0	66.0	66.0	66.0	39.2	39.2
6-7 AM	347	0.0	69	0.0	OFF	347	0	69	0.00	0	65.8	65.8	65.8	38.9	38.9
7-8 AM	554	0.0	111	0.0	OFF	554	0	111	0.00	0	65.3	65.3	65.3	38.4	38.4
8-9 AM	831	0.0	166	0.0	OFF	831	0	166	0.00	0	64.8	64.8	64.8	37.7	37.7
9-10 AM	1202	0.0	240	0.0	1499	1202	0	240	0.64	0	64.1	57.6	38.5	36.8	36.8
10-11 AM	1559	0.0	312	0.0	1499	1559	0	312	1.55	15	63.5	49.9	30.8	35.9	35.9
11A-NOON	1661	0.0	332	0.0	1500	1661	0	332	5.80	135	63.3	31.3	30.8	35.6	35.6
NOON-1PM	1715	0.0	342	0.0	1499	1594	121	463	11.69	290	63.2	20.7	30.8	35.5	34.0
1-2 PM	1727	0.0	344	0.0	1500	1500	226	571	12.66	314	63.2	19.6	30.8	35.5	32.7
2-3 PM	1694	0.0	338	0.0	1499	1492	203	541	12.46	309	63.2	19.8	30.8	35.5	33.0
3-4 PM	1665	0.0	333	0.0	1500	1494	171	504	12.22	302	63.3	20.1	30.8	35.6	33.5
4-5 PM	1643	0.0	329	0.0	1500	1492	150	479	12.06	298	63.3	20.3	30.8	35.6	33.8
5-6 PM	1489	0.0	297	0.0	1499	1452	38	335	11.02	270	63.6	21.5	30.8	36.1	35.6
6-7 PM	1265	0.0	253	0.0	1499	1265	0	253	5.60	140	64.0	32.1	32.6	36.6	36.6
7-8 PM	1061	0.0	211	0.0	OFF	1061	0	211	0.00	0	64.4	64.4	64.4	37.1	37.1
8-9 PM	819	0.0	163	0.0	OFF	819	0	163	0.00	0	64.8	64.8	64.8	37.7	37.7
9-10 PM	615	0.0	122	0.0	OFF	615	0	122	0.00	0	65.3	65.3	65.3	38.3	38.3
10-11 PM	434	0.0	87	0.0	OFF	434	0	87	0.00	0	65.6	65.6	65.6	38.7	38.7
11PM-MID	351	0.0	70	0.0	OFF	351	0	70	0.00	0	65.7	65.7	65.7	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	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	0.0205
MAIN ROUTE WITH WORKS	0.0187
DIVERSION	0.0611

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$42,073
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE  
DIVERSION ROUTE: STH 65 - USH 12**

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

**SUNDAY EASTBOUND DIRECTION**

