

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

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	OFF	340	0	68	0.00	0	65.8	65.8	65.8	38.9	38.9
1-2 AM	318	0.0	64	0.0	OFF	318	0	64	0.00	0	65.8	65.8	65.8	38.9	38.9
2-3 AM	307	0.0	62	0.0	OFF	307	0	62	0.00	0	65.8	65.8	65.8	39.0	39.0
3-4 AM	350	0.0	70	0.0	OFF	350	0	70	0.00	0	65.7	65.7	65.7	38.9	38.9
4-5 AM	572	0.0	114	0.0	OFF	572	0	114	0.00	0	65.3	65.3	65.3	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	1500	1238	0	247	0.69	0	64.1	57.1	37.3	36.7	36.7
10-11 AM	1283	0.0	256	0.0	1500	1283	0	256	0.74	0	64.0	56.5	36.0	36.6	36.6
11A-NOON	1400	0.0	279	0.0	1499	1400	0	279	0.89	0	63.8	55.0	33.0	36.3	36.3
NOON-1PM	1567	0.0	313	0.0	1499	1567	0	313	1.79	22	63.5	48.2	30.8	35.8	35.8
1-2 PM	1751	0.0	350	0.0	1500	1751	0	350	7.39	184	63.1	27.5	30.8	35.4	35.4
2-3 PM	1806	0.0	361	0.0	1499	1520	286	647	13.19	329	63.0	19.1	30.8	35.3	31.7
3-4 PM	1915	0.0	382	0.0	1500	1527	388	770	14.13	355	62.8	18.1	30.8	35.0	30.2
4-5 PM	1936	0.0	386	0.0	OFF	1936	0	386	0.55	32	62.8	57.3	57.3	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	OFF	1339	0	268	0.00	0	63.9	63.9	63.9	36.4	36.4
8-9 PM	1220	0.0	244	0.0	OFF	1220	0	244	0.00	0	64.1	64.1	64.1	36.7	36.7
9-10 PM	1037	0.0	207	0.0	OFF	1037	0	207	0.00	0	64.5	64.5	64.5	37.2	37.2
10-11 PM	829	0.0	165	0.0	OFF	829	0	165	0.00	0	64.8	64.8	64.8	37.7	37.7
11PM-MID	541	0.0	108	0.0	OFF	541	0	108	0.00	0	65.4	65.4	65.4	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	0.0268
MAIN ROUTE WITH WORKS	0.0254
DIVERSION	0.0736

PIA: Personal Injury Accidents

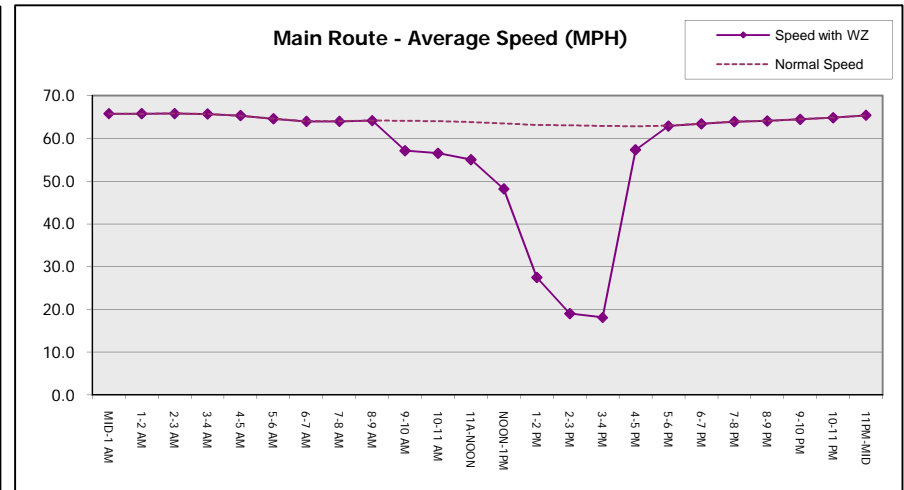
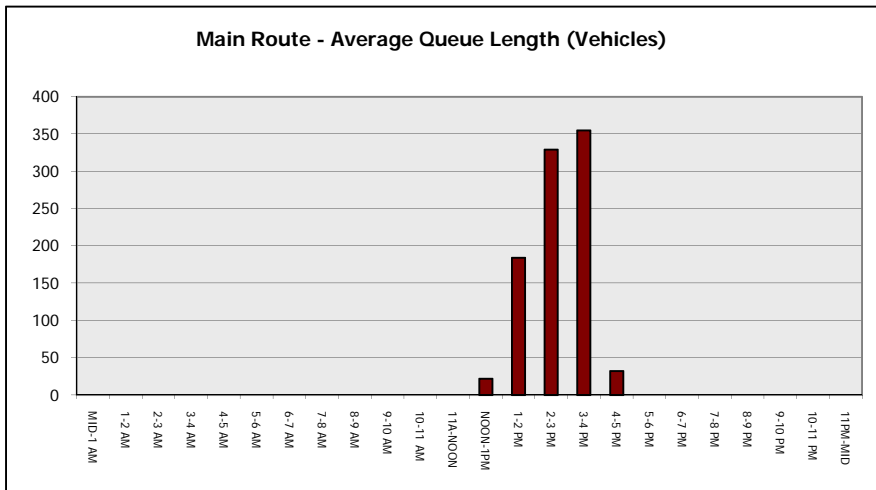
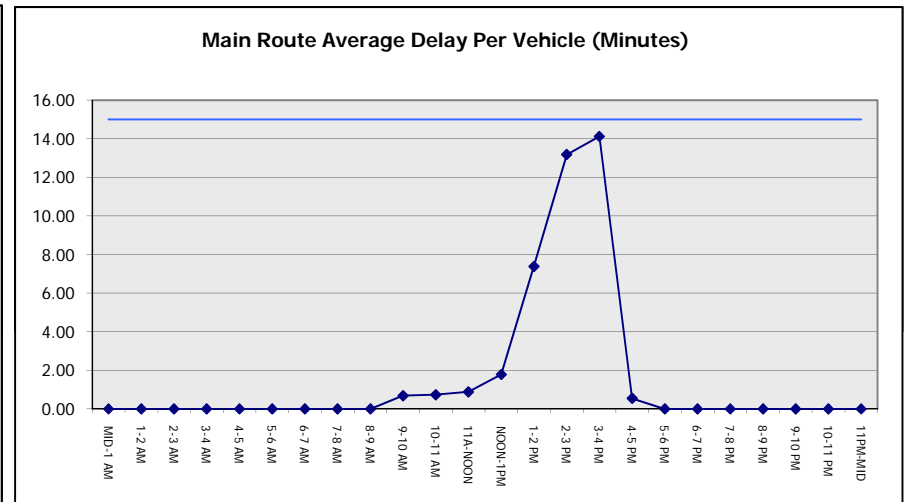
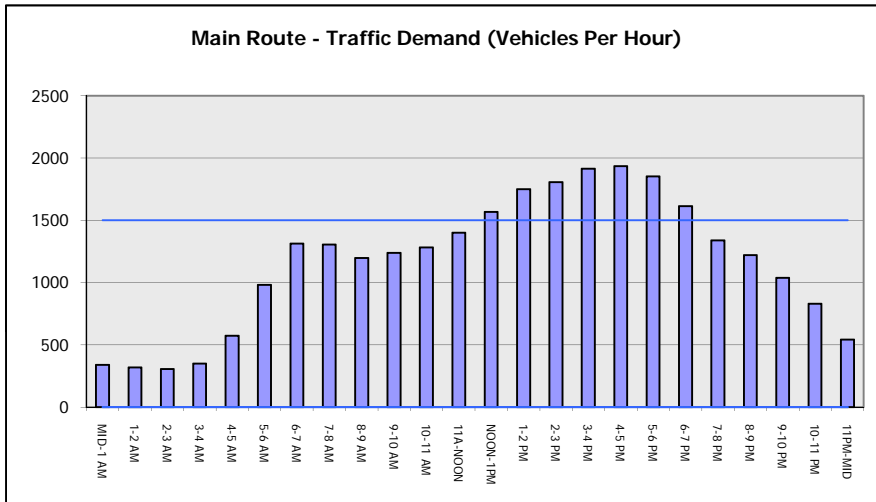
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$16,874
CONGESTED HOURS PER DAY*	0

*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
FRIDAY WESTBOUND DIRECTION



IH 94: STH 35 TO STH 65 (ST CROIX COUNTY) OFF-PEAK DAY 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							TOTAL			AVERAGE SPEEDS IN MPH				
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	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	329	0.0	66	0.0	OFF	329	0	66	0.00	0	65.8	65.8	65.8	38.9	38.9
1-2 AM	213	0.0	43	0.0	OFF	213	0	43	0.00	0	66.0	66.0	66.0	39.2	39.2
2-3 AM	209	0.0	42	0.0	OFF	209	0	42	0.00	0	66.0	66.0	66.0	39.2	39.2
3-4 AM	203	0.0	41	0.0	OFF	203	0	41	0.00	0	66.0	66.0	66.0	39.2	39.2
4-5 AM	301	0.0	61	0.0	OFF	301	0	61	0.00	0	65.8	65.8	65.8	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	1499	1666	0	333	3.22	67	63.3	40.4	30.8	35.6	35.6
10-11 AM	1845	0.0	368	0.0	1500	1683	161	530	11.56	292	63.0	20.8	30.8	35.1	33.2
11A-NOON	1922	0.0	384	0.0	1499	1520	402	786	14.27	359	62.8	18.0	30.8	35.0	30.0
NOON-1PM	2041	0.0	407	0.0	1500	1541	500	907	15.30	387	62.6	17.1	30.8	34.7	28.5
1-2 PM	2348	0.0	469	0.0	1500	1606	742	1210+	18.46	475	62.0	14.8	30.8	33.9	24.7
2-3 PM	2366	0.0	472	0.0	1499	1510	856	1328+	19.98	515	62.0	14.0	30.8	33.9	23.2
3-4 PM	2600	0.0	519	0.0	1500	1612	989	1508+	22.51	590	59.9	12.6	30.8	33.3	21.0
4-5 PM	2650	0.0	530	0.0	OFF	2650	0	530	3.02	151	59.4	39.6	39.6	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	OFF	1698	0	339	0.00	0	63.2	63.2	63.2	35.5	35.5
8-9 PM	1138	0.0	227	0.0	OFF	1138	0	227	0.00	0	64.3	64.3	64.3	36.9	36.9
9-10 PM	840	0.0	167	0.0	OFF	840	0	167	0.00	0	64.8	64.8	64.8	37.7	37.7
10-11 PM	690	0.0	138	0.0	OFF	690	0	138	0.00	0	65.1	65.1	65.1	38.0	38.0
11PM-MID	518	0.0	104	0.0	OFF	518	0	104	0.00	0	65.4	65.4	65.4	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	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	0.0267
DIVERSION	0.1187

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$57,843
CONGESTED HOURS PER DAY*	4

*Delays Exceeding 15 Minutes

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

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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

