

IH 94: STH 35 TO STH 65 (ST CROIX COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 65 - USH 12	AUGUST
	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	361	0.0	72	0.0	1500	361	0	72	0.46	0	65.7	60.7	44.0	38.9	38.9
1-2 AM	300	0.0	60	0.0	1500	300	0	60	0.45	0	65.8	60.8	44.3	39.0	39.0
2-3 AM	314	0.0	63	0.0	1500	314	0	63	0.45	0	65.8	60.8	44.2	38.9	38.9
3-4 AM	364	0.0	72	0.0	1500	364	0	72	0.46	0	65.7	60.6	44.0	38.9	38.9
4-5 AM	606	0.0	121	0.0	1500	606	0	121	0.48	0	65.3	60.1	43.1	38.3	38.3
5-6 AM	965	0.0	193	0.0	OFF	965	0	193	0.00	0	64.6	64.6	64.6	37.3	37.3
6-7 AM	1126	0.0	225	0.0	OFF	1126	0	225	0.00	0	64.3	64.3	64.3	36.9	36.9
7-8 AM	1202	0.0	241	0.0	OFF	1202	0	241	0.00	0	64.1	64.1	64.1	36.8	36.8
8-9 AM	1172	0.0	234	0.0	OFF	1172	0	234	0.00	0	64.2	64.2	64.2	36.8	36.8
9-10 AM	1271	0.0	254	0.0	OFF	1271	0	254	0.00	0	64.0	64.0	64.0	36.6	36.6
10-11 AM	1480	0.0	296	0.0	OFF	1480	0	296	0.00	0	63.7	63.7	63.7	36.1	36.1
11A-NOON	1631	0.0	325	0.0	OFF	1631	0	325	0.00	0	63.3	63.3	63.3	35.7	35.7
NOON-1PM	1694	0.0	338	0.0	OFF	1694	0	338	0.00	0	63.2	63.2	63.2	35.5	35.5
1-2 PM	1962	0.0	391	0.0	OFF	1962	0	391	0.00	0	62.7	62.7	62.7	34.9	34.9
2-3 PM	2087	0.0	416	0.0	OFF	2087	0	416	0.00	0	62.5	62.5	62.5	34.6	34.6
3-4 PM	2091	0.0	417	0.0	OFF	2091	0	417	0.00	0	62.5	62.5	62.5	34.6	34.6
4-5 PM	2003	0.0	400	0.0	OFF	2003	0	400	0.00	0	62.7	62.7	62.7	34.8	34.8
5-6 PM	1922	0.0	384	0.0	OFF	1922	0	384	0.00	0	62.8	62.8	62.8	35.0	35.0
6-7 PM	1771	0.0	354	0.0	OFF	1771	0	354	0.00	0	63.1	63.1	63.1	35.3	35.3
7-8 PM	1481	0.0	296	0.0	1499	1481	0	296	1.31	9	63.7	51.6	31.5	36.1	36.1
8-9 PM	1241	0.0	248	0.0	1500	1241	0	248	0.69	0	64.1	57.1	37.2	36.6	36.6
9-10 PM	1165	0.0	232	0.0	1500	1165	0	232	0.59	0	64.2	58.1	39.6	36.9	36.9
10-11 PM	874	0.0	175	0.0	1500	874	0	175	0.51	0	64.8	59.4	42.1	37.6	37.6
11PM-MID	578	0.0	115	0.0	1500	578	0	115	0.48	0	65.3	60.1	43.2	38.3	38.3

"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	0.0283
MAIN ROUTE WITH WORKS	0.0279
DIVERSION	0.0696

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,210
CONGESTED HOURS PER DAY*	0

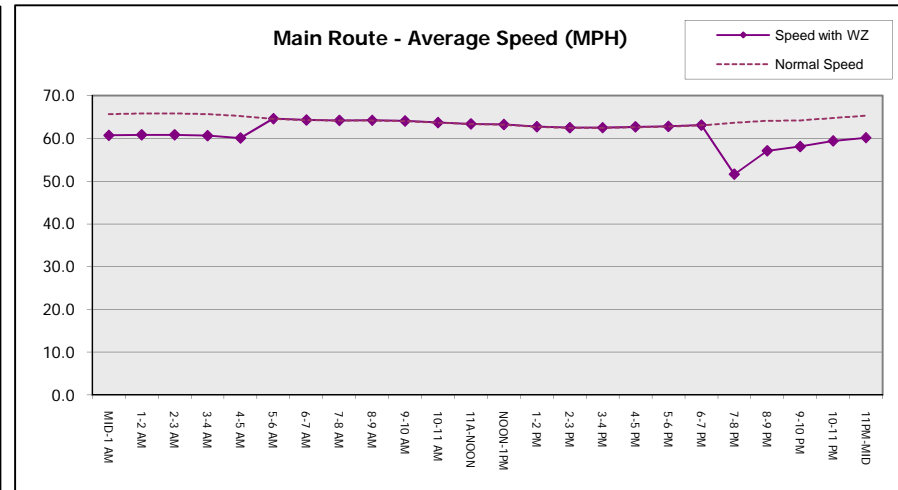
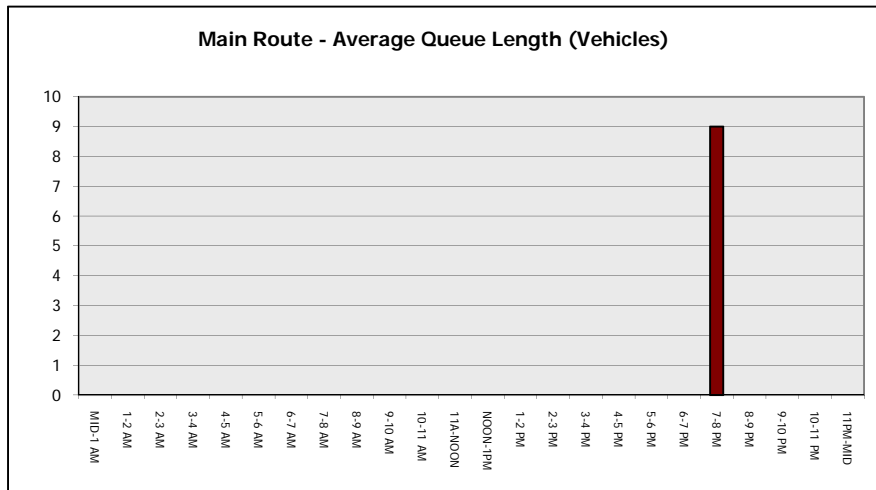
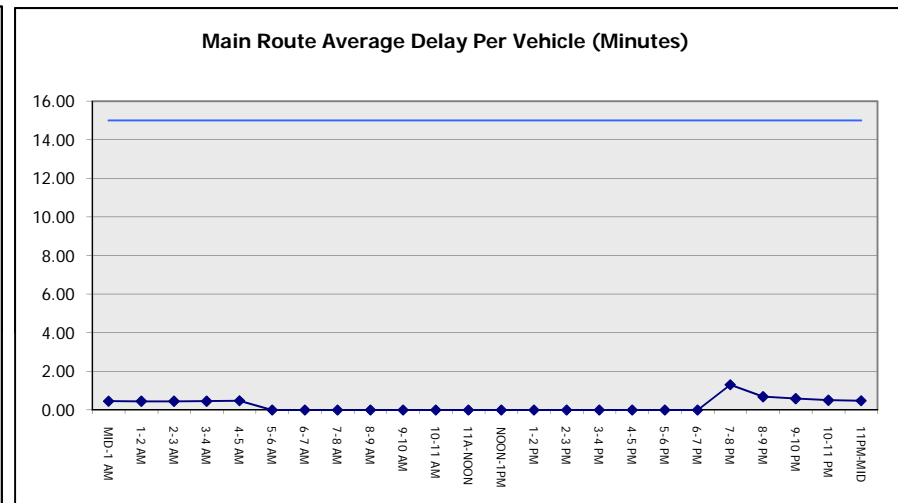
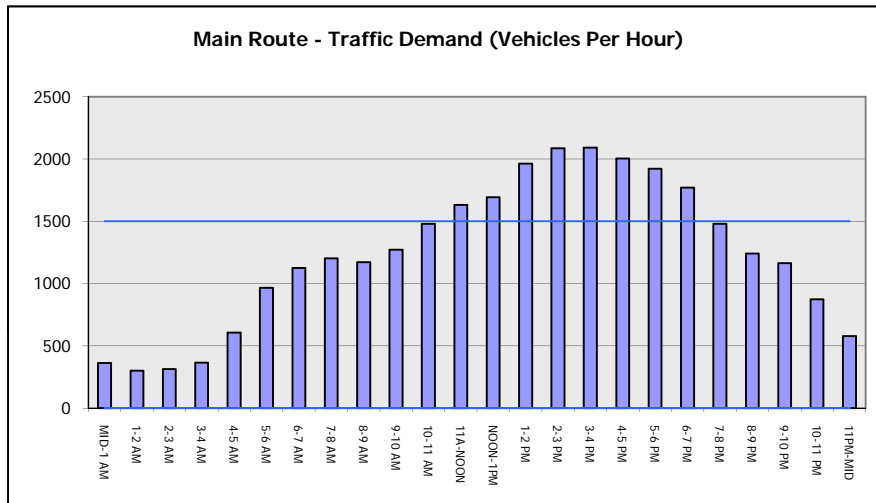
*Delays Exceeding 15 Minutes

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

AUGUST
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	AUGUST
	Analyzed for 2009 Construction Season

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	407	0.0	82	0.0	1500	407	0	82	0.46	0	65.6	60.5	43.8	38.8	38.8
1-2 AM	265	0.0	52	0.0	1500	265	0	52	0.45	0	65.9	60.9	44.4	39.1	39.1
2-3 AM	232	0.0	46	0.0	1500	232	0	46	0.45	0	66.0	61.0	44.5	39.2	39.2
3-4 AM	231	0.0	46	0.0	1500	231	0	46	0.44	0	66.0	61.0	44.6	39.2	39.2
4-5 AM	291	0.0	59	0.0	1500	291	0	59	0.45	0	65.8	60.9	44.3	39.0	39.0
5-6 AM	491	0.0	98	0.0	OFF	491	0	98	0.00	0	65.5	65.5	65.5	38.5	38.5
6-7 AM	820	0.0	163	0.0	OFF	820	0	163	0.00	0	64.8	64.8	64.8	37.7	37.7
7-8 AM	1203	0.0	241	0.0	OFF	1203	0	241	0.00	0	64.1	64.1	64.1	36.8	36.8
8-9 AM	1435	0.0	287	0.0	OFF	1435	0	287	0.00	0	63.7	63.7	63.7	36.2	36.2
9-10 AM	1833	0.0	366	0.0	OFF	1833	0	366	0.00	0	63.0	63.0	63.0	35.2	35.2
10-11 AM	2255	0.0	450	0.0	OFF	2255	0	450	0.00	0	62.2	62.2	62.2	34.2	34.2
11A-NOON	2286	0.0	456	0.0	OFF	2286	0	456	0.00	0	62.1	62.1	62.1	34.1	34.1
NOON-1PM	2284	0.0	456	0.0	OFF	2284	0	456	0.00	0	62.1	62.1	62.1	34.1	34.1
1-2 PM	2641	0.0	527	0.0	OFF	2641	0	527	0.00	0	59.4	59.4	59.4	33.2	33.2
2-3 PM	2741	0.0	547	0.0	OFF	2741	0	547	0.00	0	58.4	58.4	58.4	33.0	33.0
3-4 PM	2655	0.0	530	0.0	OFF	2655	0	530	0.00	0	59.3	59.3	59.3	33.2	33.2
4-5 PM	2691	0.0	537	0.0	OFF	2691	0	537	0.00	0	58.9	58.9	58.9	33.1	33.1
5-6 PM	2582	0.0	516	0.0	OFF	2582	0	516	0.00	0	60.1	60.1	60.1	33.3	33.3
6-7 PM	2465	0.0	492	0.0	OFF	2465	0	492	0.00	0	61.2	61.2	61.2	33.7	33.7
7-8 PM	1772	0.0	354	0.0	1499	1772	0	354	6.96	173	63.1	28.4	30.8	35.3	35.3
8-9 PM	1248	0.0	249	0.0	1499	1248	0	249	6.68	172	64.1	29.2	33.0	36.6	36.6
9-10 PM	923	0.0	184	0.0	1500	923	0	184	0.52	0	64.6	59.1	41.9	37.4	37.4
10-11 PM	788	0.0	157	0.0	1500	788	0	157	0.50	0	64.9	59.6	42.4	37.8	37.8
11PM-MID	595	0.0	118	0.0	1500	595	0	118	0.48	0	65.3	60.1	43.2	38.3	38.3

"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	0.0336
MAIN ROUTE WITH WORKS	0.0331
DIVERSION	0.0824

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$5,325
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**

AUGUST
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

