

<b>IH 94: STH 35 TO STH 65 (ST CROIX COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  DIVERSION ROUTE: STH 65 - USH 12</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SATURDAY 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	402	0.0	81	0.0	1500	402	0	81	0.46	0	65.6	60.5	43.9	38.8	38.8
1-2 AM	287	0.0	58	0.0	1500	287	0	58	0.45	0	65.8	60.9	44.3	39.0	39.0
2-3 AM	237	0.0	47	0.0	1500	237	0	47	0.45	0	66.0	61.0	44.5	39.2	39.2
3-4 AM	255	0.0	51	0.0	1500	255	0	51	0.45	0	65.9	60.9	44.5	39.1	39.1
4-5 AM	317	0.0	63	0.0	1500	317	0	63	0.45	0	65.8	60.7	44.2	38.9	38.9
5-6 AM	378	0.0	75	0.0	1500	378	0	75	0.46	0	65.7	60.6	44.0	38.8	38.8
6-7 AM	431	0.0	86	0.0	1500	431	0	86	0.46	0	65.6	60.5	43.8	38.7	38.7
7-8 AM	673	0.0	134	0.0	1500	673	0	134	0.49	0	65.1	59.9	42.8	38.1	38.1
8-9 AM	918	0.0	183	0.0	1500	918	0	183	0.51	0	64.6	59.2	42.0	37.4	37.4
9-10 AM	1255	0.0	250	0.0	1499	1255	0	250	0.71	0	64.0	56.9	36.9	36.6	36.6
10-11 AM	1619	0.0	323	0.0	1499	1619	0	323	2.56	45	63.3	43.7	30.8	35.7	35.7
11A-NOON	1696	0.0	339	0.0	1500	1690	6	345	8.75	215	63.2	24.9	30.8	35.5	35.5
NOON-1PM	1644	0.0	329	0.0	1499	1489	155	484	12.09	299	63.3	20.2	30.8	35.6	33.7
1-2 PM	1756	0.0	351	0.0	1500	1525	232	582	12.74	317	63.1	19.5	30.8	35.4	32.5
2-3 PM	1704	0.0	340	0.0	1499	1485	218	559	12.58	312	63.2	19.7	30.8	35.5	32.8
3-4 PM	1703	0.0	340	0.0	1500	1499	204	544	12.48	309	63.2	19.8	30.8	35.5	33.0
4-5 PM	1611	0.0	321	0.0	1499	1476	135	456	11.91	294	63.4	20.4	30.8	35.8	34.1
5-6 PM	1440	0.0	288	0.0	1499	1429	10	298	10.45	254	63.7	22.4	30.8	36.1	36.0
6-7 PM	1266	0.0	253	0.0	1499	1266	0	253	4.31	108	64.0	36.3	33.1	36.6	36.6
7-8 PM	1070	0.0	213	0.0	1500	1070	0	213	0.53	0	64.4	58.9	41.4	37.1	37.1
8-9 PM	938	0.0	187	0.0	1500	938	0	187	0.51	0	64.6	59.2	41.9	37.4	37.4
9-10 PM	841	0.0	167	0.0	1500	841	0	167	0.50	0	64.8	59.4	42.2	37.7	37.7
10-11 PM	629	0.0	126	0.0	1500	629	0	126	0.48	0	65.2	60.0	43.0	38.2	38.2
11PM-MID	410	0.0	82	0.0	1500	410	0	82	0.46	0	65.6	60.5	43.8	38.8	38.8

*----- 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	0.0224
MAIN ROUTE WITH WORKS	0.0200
DIVERSION	0.0663

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$43,996
CONGESTED HOURS PER DAY*	0

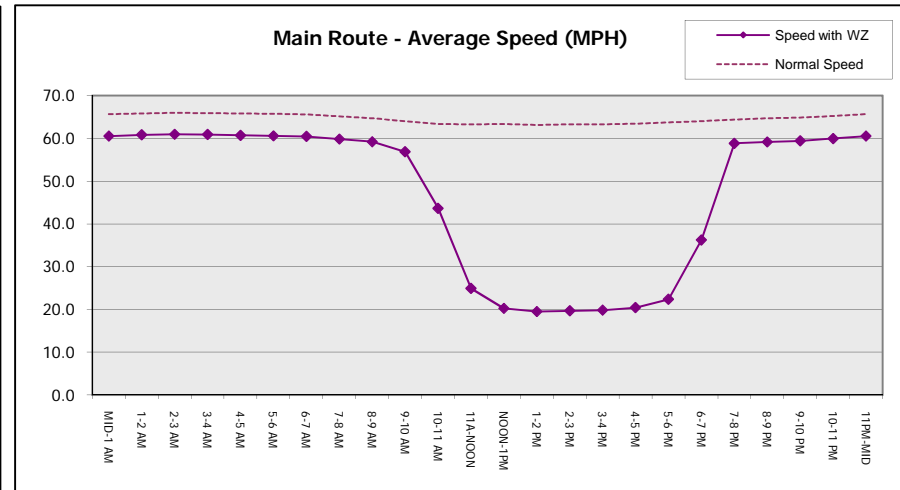
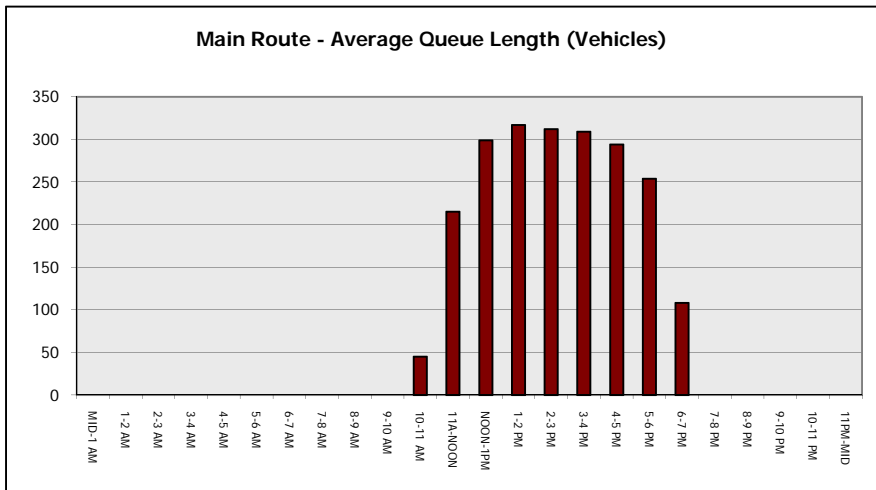
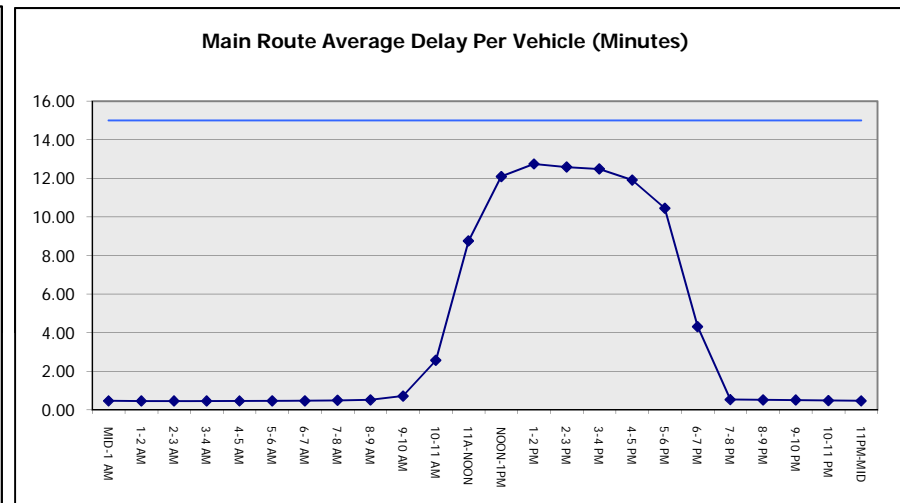
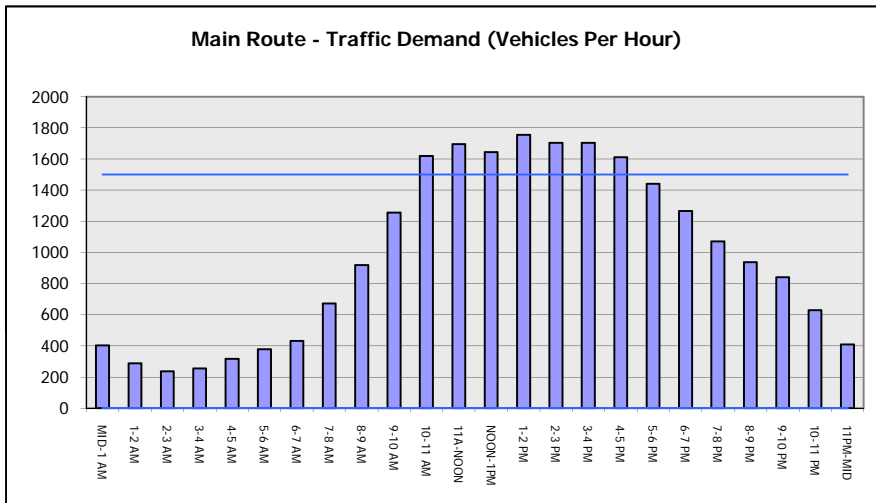
\*Delays Exceeding 15 Minutes

**IH 94: STH 35 TO STH 65 (ST CROIX COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: STH 65 - USH 12**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: STH 35 TO STH 65 (ST CROIX COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 65 - USH 12</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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	413	0.0	83	0.0	1500	413	0	83	0.46	0	65.6	60.5	43.8	38.7	38.7
1-2 AM	245	0.0	49	0.0	1500	245	0	49	0.45	0	66.0	60.9	44.5	39.1	39.1
2-3 AM	202	0.0	41	0.0	1500	202	0	41	0.44	0	66.0	61.0	44.6	39.2	39.2
3-4 AM	184	0.0	37	0.0	1500	184	0	37	0.44	0	66.0	61.1	44.8	39.3	39.3
4-5 AM	229	0.0	46	0.0	1500	229	0	46	0.44	0	66.0	61.0	44.6	39.2	39.2
5-6 AM	343	0.0	68	0.0	1500	343	0	68	0.46	0	65.8	60.7	44.1	38.9	38.9
6-7 AM	630	0.0	126	0.0	1500	630	0	126	0.48	0	65.2	60.0	43.0	38.2	38.2
7-8 AM	1066	0.0	213	0.0	1499	1066	0	213	0.56	0	64.4	58.5	40.5	37.1	37.1
8-9 AM	1522	0.0	304	0.0	1499	1522	0	304	1.48	15	63.5	50.4	31.6	36.0	36.0
9-10 AM	1875	0.0	375	0.0	1500	1802	74	448	8.35	217	62.9	25.6	30.8	35.1	34.2
10-11 AM	2119	0.0	423	0.0	1499	1563	556	978	15.96	406	62.4	16.6	30.8	34.5	27.6
11A-NOON	2013	0.0	402	0.0	1499	1456	557	959	15.79	400	62.7	16.7	30.8	34.8	27.8
NOON-1PM	1851	0.0	369	0.0	1499	1453	398	767	14.12	355	62.9	18.1	30.8	35.1	30.2
1-2 PM	1657	0.0	331	0.0	1500	1457	200	530	12.39	307	63.3	19.9	30.8	35.6	33.2
2-3 PM	1560	0.0	312	0.0	1500	1484	76	387	11.49	282	63.5	21.0	30.8	35.9	35.0
3-4 PM	1506	0.0	300	0.0	1500	1483	23	323	11.06	270	63.6	21.5	30.8	36.0	35.7
4-5 PM	1323	0.0	265	0.0	1499	1323	0	265	7.38	178	63.9	27.6	31.2	36.5	36.5
5-6 PM	1263	0.0	252	0.0	1500	1263	0	252	1.27	16	64.0	52.2	35.8	36.6	36.6
6-7 PM	1082	0.0	216	0.0	1500	1082	0	216	0.53	0	64.4	58.8	41.4	37.1	37.1
7-8 PM	941	0.0	187	0.0	1500	941	0	187	0.51	0	64.6	59.2	41.9	37.4	37.4
8-9 PM	829	0.0	165	0.0	1500	829	0	165	0.50	0	64.8	59.4	42.3	37.7	37.7
9-10 PM	699	0.0	139	0.0	1500	699	0	139	0.49	0	65.1	59.8	42.8	38.0	38.0
10-11 PM	554	0.0	111	0.0	1500	554	0	111	0.48	0	65.3	60.2	43.3	38.4	38.4
11PM-MID	414	0.0	83	0.0	1500	414	0	83	0.46	0	65.6	60.5	43.8	38.7	38.7

*----- 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	0.0234
MAIN ROUTE WITH WORKS	0.0201
DIVERSION	0.0796

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$53,404
CONGESTED HOURS PER DAY*	2

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: STH 65 - USH 12**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

