

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

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	323	0.0	65	0.0	1500	323	0	65	0.45	0	65.8	60.7	44.2	38.9	38.9
1-2 AM	280	0.0	57	0.0	1500	280	0	57	0.45	0	65.9	60.9	44.3	39.1	39.1
2-3 AM	283	0.0	57	0.0	1500	283	0	57	0.45	0	65.9	60.9	44.3	39.1	39.1
3-4 AM	395	0.0	78	0.0	1500	395	0	78	0.46	0	65.6	60.5	43.9	38.8	38.8
4-5 AM	723	0.0	144	0.0	1500	723	0	144	0.49	0	65.0	59.7	42.7	37.9	37.9
5-6 AM	1130	0.0	226	0.0	1500	1130	0	226	0.55	0	64.3	58.6	40.8	36.9	36.9
6-7 AM	1262	0.0	252	0.0	1500	1262	0	252	0.72	0	64.0	56.8	36.6	36.6	36.6
7-8 AM	1227	0.0	245	0.0	1500	1227	0	245	0.67	0	64.1	57.3	37.6	36.7	36.7
8-9 AM	1184	0.0	236	0.0	1500	1184	0	236	0.62	0	64.1	57.8	38.9	36.8	36.8
9-10 AM	1220	0.0	244	0.0	1500	1220	0	244	0.66	0	64.1	57.4	37.8	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	1332	0.0	266	0.0	1500	1332	0	266	0.81	0	63.9	55.9	34.7	36.5	36.5
NOON-1PM	1369	0.0	273	0.0	1499	1369	0	273	0.85	0	63.8	55.5	33.7	36.3	36.3
1-2 PM	1486	0.0	297	0.0	1499	1486	0	297	1.03	0	63.6	53.8	31.1	36.1	36.1
2-3 PM	1523	0.0	304	0.0	1500	1523	0	304	1.44	11	63.5	50.7	30.8	36.0	36.0
3-4 PM	1575	0.0	315	0.0	1500	1575	0	315	3.21	60	63.5	40.5	30.8	35.8	35.8
4-5 PM	1601	0.0	319	0.0	1500	1601	0	319	6.67	154	63.4	29.2	30.8	35.8	35.8
5-6 PM	1459	0.0	291	0.0	1499	1459	0	291	8.14	192	63.7	26.1	30.8	36.1	36.1
6-7 PM	1245	0.0	249	0.0	1499	1245	0	249	2.53	60	64.1	44.2	35.1	36.6	36.6
7-8 PM	1057	0.0	211	0.0	1500	1057	0	211	0.52	0	64.4	58.9	41.5	37.1	37.1
8-9 PM	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 PM	757	0.0	151	0.0	1500	757	0	151	0.50	0	65.0	59.6	42.5	37.9	37.9
10-11 PM	567	0.0	113	0.0	1500	567	0	113	0.48	0	65.3	60.1	43.2	38.3	38.3
11PM-MID	384	0.0	76	0.0	1500	384	0	76	0.46	0	65.6	60.6	44.0	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	0.0235
MAIN ROUTE WITH WORKS	0.0219
DIVERSION	0.0577

PIA: Personal Injury Accidents

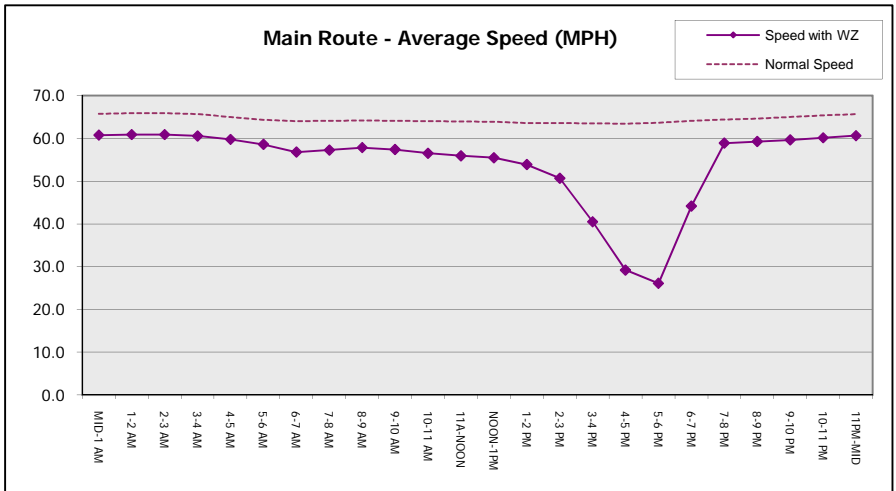
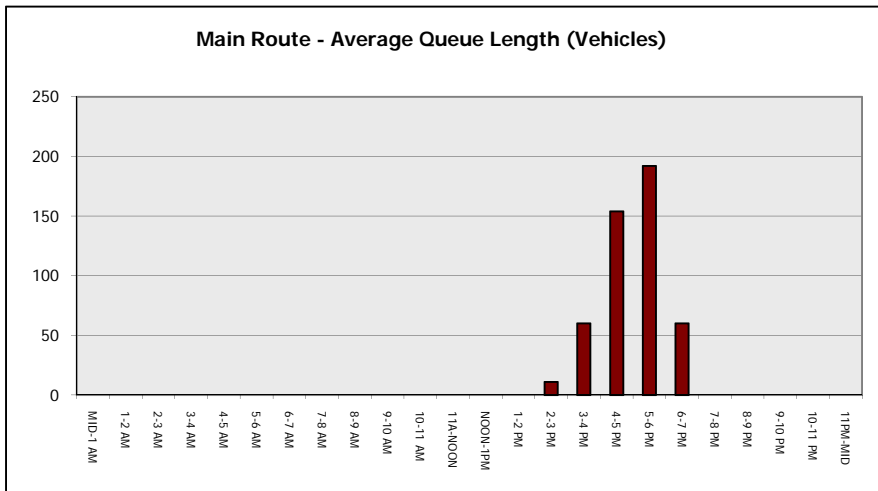
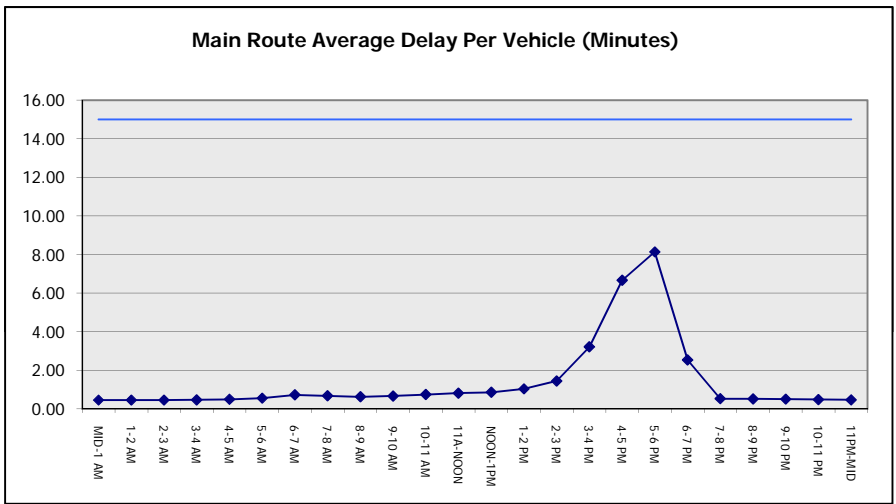
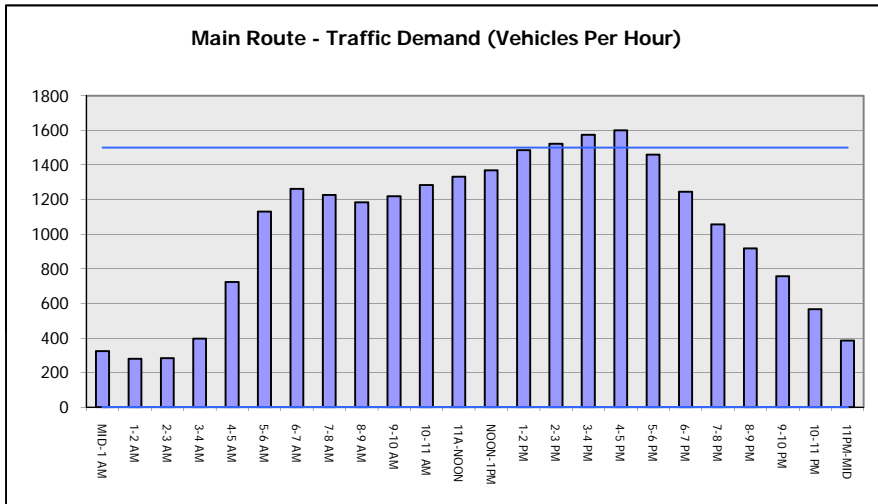
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$9,980
CONGESTED HOURS PER DAY*	0

*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
MON-THUR WESTBOUND DIRECTION



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

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	299	0.0	60	0.0	1500	299	0	60	0.45	0	65.8	60.8	44.3	39.0	39.0
1-2 AM	200	0.0	40	0.0	1500	200	0	40	0.44	0	66.0	61.0	44.7	39.2	39.2
2-3 AM	176	0.0	36	0.0	1500	176	0	36	0.44	0	66.1	61.1	44.8	39.3	39.3
3-4 AM	203	0.0	41	0.0	1500	203	0	41	0.44	0	66.0	61.0	44.6	39.2	39.2
4-5 AM	292	0.0	59	0.0	1500	292	0	59	0.45	0	65.8	60.8	44.3	39.0	39.0
5-6 AM	495	0.0	99	0.0	1500	495	0	99	0.47	0	65.5	60.3	43.5	38.5	38.5
6-7 AM	869	0.0	174	0.0	1500	869	0	174	0.51	0	64.8	59.4	42.2	37.6	37.6
7-8 AM	1089	0.0	218	0.0	1500	1089	0	218	0.53	0	64.3	58.8	41.4	37.0	37.0
8-9 AM	1201	0.0	240	0.0	1499	1201	0	240	0.64	0	64.1	57.6	38.4	36.8	36.8
9-10 AM	1459	0.0	291	0.0	1499	1459	0	291	0.99	0	63.7	54.2	31.7	36.1	36.1
10-11 AM	1578	0.0	315	0.0	1500	1578	0	315	2.41	39	63.5	44.5	30.8	35.8	35.8
11A-NOON	1540	0.0	308	0.0	1499	1540	0	308	4.82	103	63.5	34.3	30.8	35.9	35.9
NOON-1PM	1510	0.0	301	0.0	1499	1510	0	301	5.66	124	63.6	31.8	30.8	36.0	36.0
1-2 PM	1570	0.0	313	0.0	1500	1570	0	313	6.92	160	63.5	28.6	30.8	35.8	35.8
2-3 PM	1681	0.0	336	0.0	1500	1609	72	408	10.90	269	63.3	21.7	30.8	35.6	34.7
3-4 PM	1765	0.0	353	0.0	1499	1516	250	602	12.88	320	63.1	19.4	30.8	35.3	32.3
4-5 PM	1736	0.0	346	0.0	1500	1485	252	598	12.85	320	63.2	19.4	30.8	35.5	32.3
5-6 PM	1490	0.0	297	0.0	1499	1431	58	355	11.12	273	63.6	21.4	30.8	36.1	35.3
6-7 PM	1297	0.0	258	0.0	1499	1297	0	258	6.28	153	64.0	30.2	32.0	36.5	36.5
7-8 PM	1041	0.0	208	0.0	1500	1041	0	208	0.58	1	64.5	58.4	41.5	37.1	37.1
8-9 PM	883	0.0	176	0.0	1500	883	0	176	0.51	0	64.8	59.3	42.1	37.6	37.6
9-10 PM	735	0.0	146	0.0	1500	735	0	146	0.49	0	65.0	59.7	42.6	37.9	37.9
10-11 PM	618	0.0	123	0.0	1500	618	0	123	0.48	0	65.2	60.0	43.0	38.2	38.2
11PM-MID	407	0.0	82	0.0	1500	407	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	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	0.0231
MAIN ROUTE WITH WORKS	0.0209
DIVERSION	0.0640

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$28,040
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
MON-THUR EASTBOUND DIRECTION

