

IH 94: STH 35 N TO CARMICHAEL RD (ST CROIX COUNTY) CONTINUOUS (24 HOUR) 1 LANE CLOSURE DIVERSION ROUTE: STH 35 - COULEE RD - CARMICHAEL RD	OCTOBER
	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	472	0.0	55	0.0	3000	472	0	55	0.36	0	70.2	55.5	49.7	19.4	19.4
1-2 AM	439	0.0	51	0.0	3000	439	0	51	0.36	0	70.2	55.6	49.7	19.5	19.5
2-3 AM	470	0.0	55	0.0	3000	470	0	55	0.36	0	70.2	55.5	49.7	19.4	19.4
3-4 AM	627	0.0	74	0.0	3000	627	0	74	0.36	0	69.9	55.5	49.7	19.3	19.3
4-5 AM	1133	0.0	134	0.0	3000	1133	0	134	0.35	0	69.3	55.3	49.7	18.8	18.8
5-6 AM	1974	0.0	232	0.0	3000	1974	0	232	0.34	0	68.3	55.1	49.7	18.1	18.1
6-7 AM	2237	0.0	264	0.0	3000	2237	0	264	0.33	0	67.9	55.0	49.7	17.8	17.8
7-8 AM	2139	0.0	252	0.0	3000	2139	0	252	0.33	0	68.1	55.1	49.7	17.9	17.9
8-9 AM	1961	0.0	231	0.0	3000	1961	0	231	0.34	0	68.3	55.1	49.7	18.1	18.1
9-10 AM	1850	0.0	218	0.0	3000	1850	0	218	0.34	0	68.4	55.1	49.7	18.1	18.1
10-11 AM	1906	0.0	224	0.0	3000	1906	0	224	0.34	0	68.4	55.1	49.7	18.1	18.1
11A-NOON	1976	0.0	232	0.0	3000	1976	0	232	0.34	0	68.2	55.1	49.7	18.1	18.1
NOON-1PM	2017	0.0	238	0.0	3000	2017	0	238	0.33	0	68.2	55.1	49.7	18.0	18.0
1-2 PM	2216	0.0	261	0.0	3000	2216	0	261	0.33	0	68.0	55.0	49.7	17.8	17.8
2-3 PM	2252	0.0	265	0.0	3000	2252	0	265	0.33	0	67.9	55.0	49.7	17.8	17.8
3-4 PM	2389	0.0	282	0.0	3000	2389	0	282	0.33	0	67.8	55.0	49.6	17.6	17.6
4-5 PM	2405	0.0	284	0.0	3000	2405	0	284	0.34	0	67.8	54.6	49.2	17.6	17.6
5-6 PM	2225	0.0	262	0.0	3000	2225	0	262	0.33	0	68.0	55.0	49.7	17.8	17.8
6-7 PM	1853	0.0	218	0.0	3000	1853	0	218	0.34	0	68.4	55.1	49.7	18.1	18.1
7-8 PM	1524	0.0	179	0.0	3000	1524	0	179	0.34	0	68.9	55.3	49.7	18.4	18.4
8-9 PM	1267	0.0	150	0.0	3000	1267	0	150	0.35	0	69.2	55.3	49.7	18.7	18.7
9-10 PM	1079	0.0	127	0.0	3000	1079	0	127	0.35	0	69.4	55.4	49.7	18.9	18.9
10-11 PM	804	0.0	94	0.0	3000	804	0	94	0.35	0	69.7	55.5	49.7	19.1	19.1
11PM-MID	564	0.0	66	0.0	3000	564	0	66	0.36	0	70.0	55.5	49.7	19.4	19.4

----- 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	0.0096
MAIN ROUTE WITH WORKS	0.0071
DIVERSION	0.0145

PIA: Personal Injury Accidents

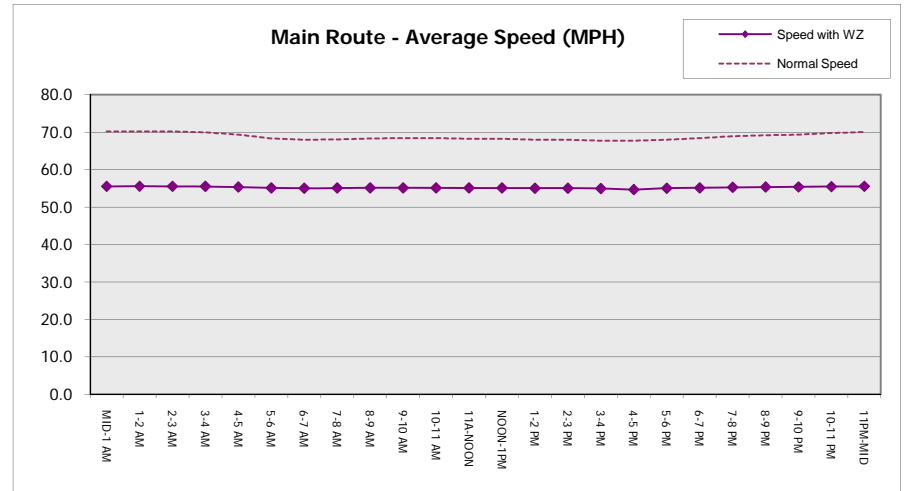
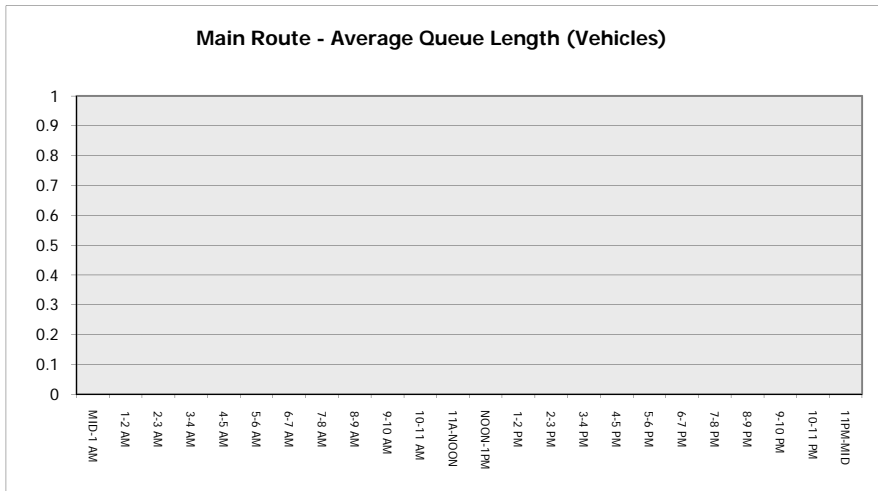
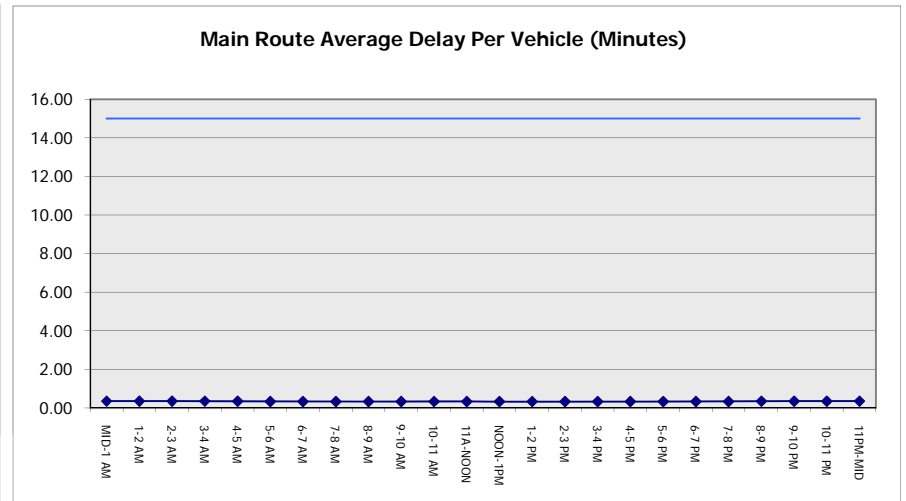
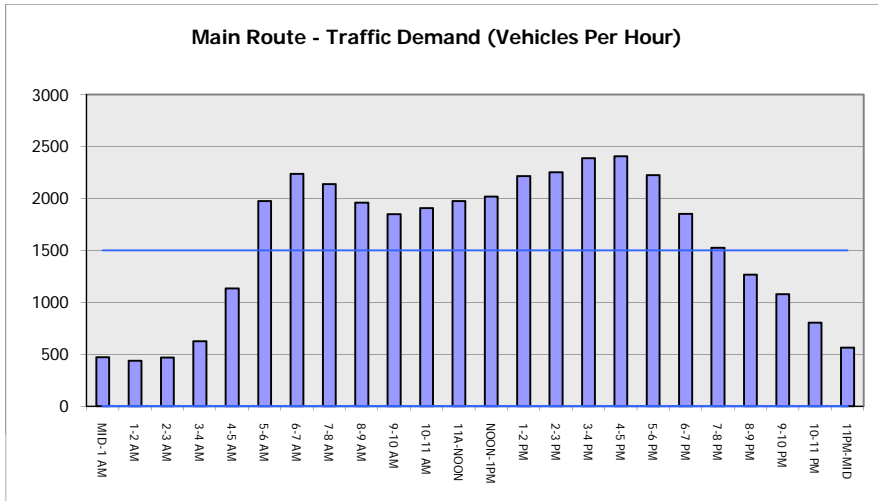
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,669
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) 1 LANE CLOSURE
 DIVERSION ROUTE: STH 35 - COULEE RD - CARMICHAEL RD**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 94: STH 35 N TO CARMICHAEL RD (ST CROIX COUNTY) CONTINUOUS (24 HOUR) 1 LANE CLOSURE DIVERSION ROUTE: STH 35 - COULEE RD - CARMICHAEL RD	OCTOBER
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR WESTBOUND 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	472	0.0	55	0.0	3000	472	0	55	0.36	0	70.2	55.5	49.7	19.4	19.4
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----- 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	0.0096
MAIN ROUTE WITH WORKS	0.0071
DIVERSION	0.0145

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,669
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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