

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	MAY
	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	492	0.0	58	0.0	3000	492	0	58	0.36	0	70.1	55.5	49.7	19.4	19.4
1-2 AM	425	0.0	50	0.0	3000	425	0	50	0.36	0	70.2	55.6	49.7	19.5	19.5
2-3 AM	454	0.0	53	0.0	3000	454	0	53	0.36	0	70.2	55.6	49.7	19.4	19.4
3-4 AM	651	0.0	76	0.0	3000	651	0	76	0.36	0	69.9	55.5	49.7	19.3	19.3
4-5 AM	1197	0.0	141	0.0	3000	1197	0	141	0.35	0	69.2	55.3	49.7	18.8	18.8
5-6 AM	1988	0.0	234	0.0	3000	1988	0	234	0.33	0	68.2	55.1	49.7	18.0	18.0
6-7 AM	2174	0.0	256	0.0	3000	2174	0	256	0.33	0	68.1	55.1	49.7	17.9	17.9
7-8 AM	2135	0.0	251	0.0	3000	2135	0	251	0.33	0	68.1	55.1	49.7	17.9	17.9
8-9 AM	1916	0.0	226	0.0	3000	1916	0	226	0.34	0	68.4	55.1	49.7	18.1	18.1
9-10 AM	1929	0.0	227	0.0	3000	1929	0	227	0.34	0	68.3	55.1	49.7	18.1	18.1
10-11 AM	2002	0.0	235	0.0	3000	2002	0	235	0.33	0	68.2	55.1	49.7	18.0	18.0
11A-NOON	2080	0.0	245	0.0	3000	2080	0	245	0.33	0	68.1	55.1	49.7	17.9	17.9
NOON-1PM	2197	0.0	258	0.0	3000	2197	0	258	0.33	0	68.0	55.0	49.7	17.8	17.8
1-2 PM	2403	0.0	282	0.0	3000	2403	0	282	0.34	0	67.8	54.6	49.2	17.6	17.6
2-3 PM	2496	0.0	294	0.0	3000	2496	0	294	0.40	0	67.6	52.7	46.9	17.6	17.6
3-4 PM	2664	0.0	314	0.0	3000	2664	0	314	0.51	0	67.4	49.6	43.2	17.4	17.4
4-5 PM	2692	0.0	317	0.0	3000	2692	0	317	0.53	0	67.4	49.1	42.6	17.4	17.4
5-6 PM	2317	0.0	273	0.0	3000	2317	0	273	0.33	0	67.9	55.0	49.7	17.7	17.7
6-7 PM	1987	0.0	234	0.0	3000	1987	0	234	0.33	0	68.2	55.1	49.7	18.0	18.0
7-8 PM	1705	0.0	201	0.0	3000	1705	0	201	0.34	0	68.6	55.2	49.7	18.3	18.3
8-9 PM	1496	0.0	176	0.0	3000	1496	0	176	0.34	0	68.9	55.3	49.7	18.5	18.5
9-10 PM	1200	0.0	141	0.0	3000	1200	0	141	0.35	0	69.2	55.3	49.7	18.8	18.8
10-11 PM	903	0.0	107	0.0	3000	903	0	107	0.35	0	69.6	55.4	49.7	19.0	19.0
11PM-MID	594	0.0	70	0.0	3000	594	0	70	0.36	0	70.0	55.5	49.7	19.3	19.3

----- 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	0.0102
MAIN ROUTE WITH WORKS	0.0075
DIVERSION	0.0154

PIA: Personal Injury Accidents

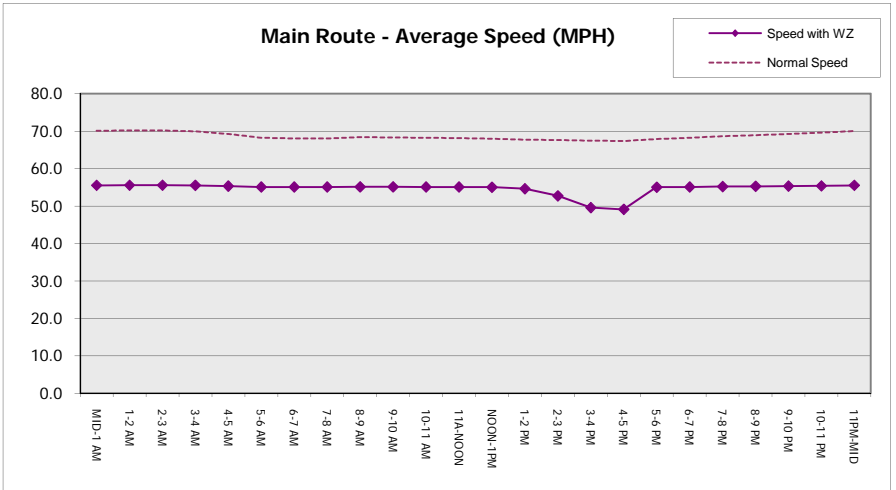
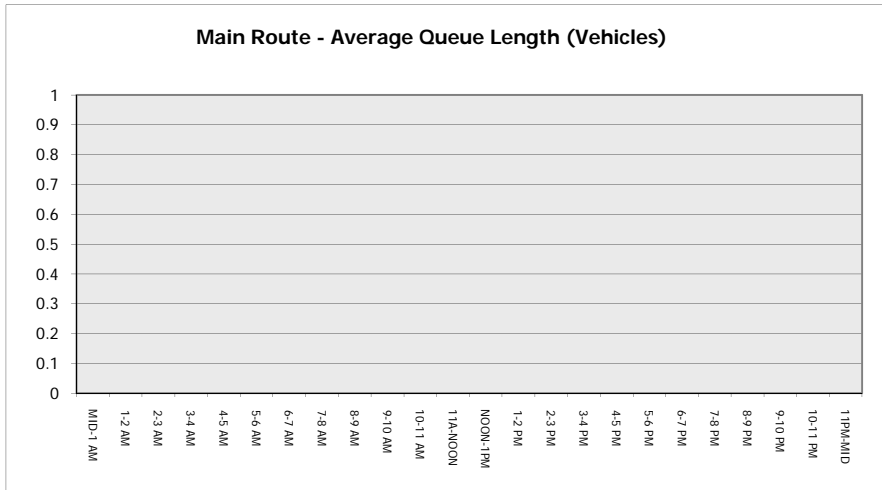
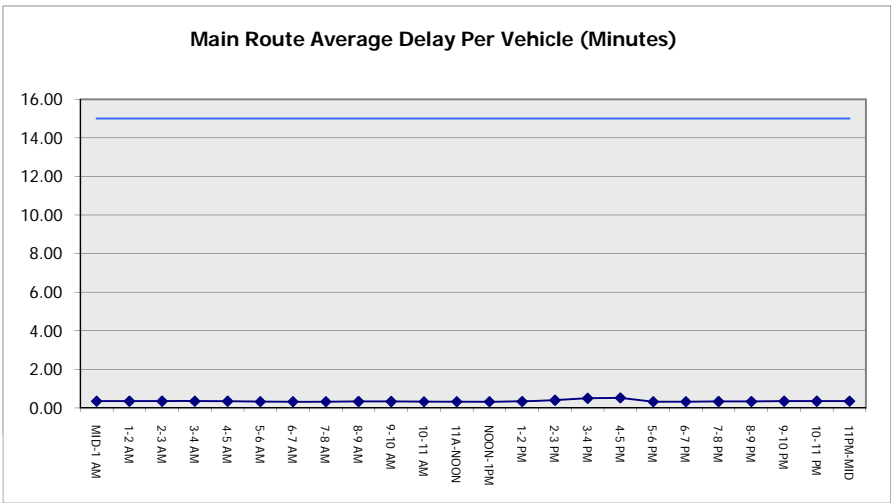
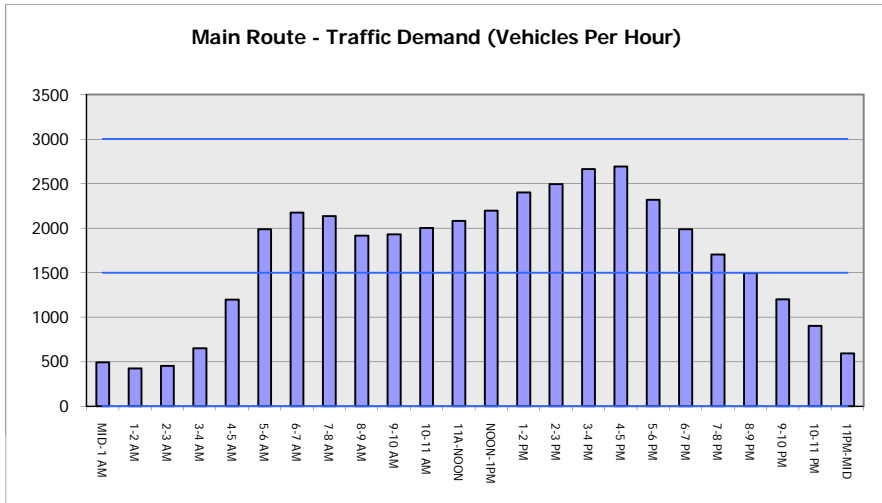
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,856
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

MAY
 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	MAY
	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	455	0.0	53	0.0	3000	455	0	53	0.36	0	70.2	55.6	49.7	19.4	19.4
1-2 AM	325	0.0	39	0.0	3000	325	0	39	0.36	0	70.2	55.6	49.7	19.6	19.6
2-3 AM	284	0.0	33	0.0	3000	284	0	33	0.36	0	70.2	55.6	49.7	19.6	19.6
3-4 AM	327	0.0	39	0.0	3000	327	0	39	0.36	0	70.2	55.6	49.7	19.6	19.6
4-5 AM	491	0.0	58	0.0	3000	491	0	58	0.36	0	70.1	55.5	49.7	19.4	19.4
5-6 AM	855	0.0	100	0.0	3000	855	0	100	0.35	0	69.7	55.5	49.7	19.1	19.1
6-7 AM	1437	0.0	169	0.0	3000	1437	0	169	0.34	0	68.9	55.3	49.7	18.6	18.6
7-8 AM	1694	0.0	200	0.0	3000	1694	0	200	0.34	0	68.6	55.2	49.7	18.3	18.3
8-9 AM	1879	0.0	221	0.0	3000	1879	0	221	0.34	0	68.4	55.1	49.7	18.1	18.1
9-10 AM	2223	0.0	262	0.0	3000	2223	0	262	0.33	0	68.0	55.0	49.7	17.8	17.8
10-11 AM	2324	0.0	274	0.0	3000	2324	0	274	0.33	0	67.9	55.0	49.7	17.7	17.7
11A-NOON	2311	0.0	272	0.0	3000	2311	0	272	0.33	0	67.9	55.0	49.7	17.8	17.8
NOON-1PM	2338	0.0	275	0.0	3000	2338	0	275	0.33	0	67.8	55.0	49.7	17.7	17.7
1-2 PM	2466	0.0	291	0.0	3000	2466	0	291	0.38	0	67.7	53.3	47.6	17.6	17.6
2-3 PM	2681	0.0	316	0.0	2999	2681	0	316	0.52	0	67.4	49.4	42.8	17.4	17.4
3-4 PM	3014	0.0	355	0.0	2999	3014	0	355	0.80	4	67.0	43.0	37.3	17.1	17.1
4-5 PM	2831	0.0	334	0.0	3000	2831	0	334	0.64	1	67.2	46.3	40.0	17.3	17.3
5-6 PM	2374	0.0	279	0.0	3000	2374	0	279	0.33	0	67.8	55.0	49.7	17.7	17.7
6-7 PM	2067	0.0	244	0.0	3000	2067	0	244	0.33	0	68.2	55.1	49.7	17.9	17.9
7-8 PM	1708	0.0	201	0.0	3000	1708	0	201	0.34	0	68.6	55.2	49.7	18.3	18.3
8-9 PM	1338	0.0	158	0.0	3000	1338	0	158	0.35	0	69.1	55.3	49.7	18.6	18.6
9-10 PM	1146	0.0	135	0.0	3000	1146	0	135	0.35	0	69.3	55.3	49.7	18.8	18.8
10-11 PM	917	0.0	108	0.0	3000	917	0	108	0.35	0	69.6	55.4	49.7	19.0	19.0
11PM-MID	587	0.0	69	0.0	3000	587	0	69	0.36	0	70.0	55.5	49.7	19.3	19.3

----- 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	0.0097
MAIN ROUTE WITH WORKS	0.0072
DIVERSION	0.0146

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,061
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 DIVERSION ROUTE: STH 35 - COULEE RD - CARMICHAEL RD**

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 Construction Season

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

