

IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 128 - USH 12 - USH 63	OCTOBER
	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	250	0.0	24	0.0	1500	250	0	24	0.45	0	65.9	62.4	44.5	39.4	39.4
1-2 AM	187	0.0	18	0.0	1500	187	0	18	0.44	0	66.0	62.6	44.7	39.5	39.5
2-3 AM	171	0.0	16	0.0	1500	171	0	16	0.44	0	66.1	62.6	44.8	39.6	39.6
3-4 AM	169	0.0	16	0.0	1500	169	0	16	0.44	0	66.1	62.7	44.8	39.6	39.6
4-5 AM	205	0.0	19	0.0	1500	205	0	19	0.44	0	66.0	62.5	44.6	39.5	39.5
5-6 AM	269	0.0	25	0.0	1500	269	0	25	0.45	0	65.9	62.4	44.4	39.4	39.4
6-7 AM	323	0.0	31	0.0	1500	323	0	31	0.45	0	65.8	62.3	44.2	39.4	39.4
7-8 AM	481	0.0	47	0.0	1500	481	0	47	0.47	0	65.5	61.9	43.6	39.2	39.2
8-9 AM	653	0.0	63	0.0	1500	653	0	63	0.49	0	65.1	61.5	42.9	38.9	38.9
9-10 AM	908	0.0	87	0.0	1500	908	0	87	0.51	0	64.7	60.9	42.0	38.7	38.7
10-11 AM	1083	0.0	105	0.0	1500	1083	0	105	0.53	0	64.4	60.5	41.4	38.4	38.4
11A-NOON	1136	0.0	110	0.0	1500	1136	0	110	0.55	0	64.3	60.2	40.6	38.4	38.4
NOON-1PM	1060	0.0	103	0.0	1500	1060	0	103	0.52	0	64.4	60.5	41.5	38.4	38.4
1-2 PM	1030	0.0	99	0.0	1500	1030	0	99	0.52	0	64.5	60.6	41.5	38.5	38.5
2-3 PM	1074	0.0	104	0.0	1500	1074	0	104	0.53	0	64.4	60.5	41.4	38.4	38.4
3-4 PM	1086	0.0	105	0.0	1500	1086	0	105	0.53	0	64.3	60.5	41.4	38.4	38.4
4-5 PM	1122	0.0	108	0.0	1500	1122	0	108	0.54	0	64.3	60.4	41.1	38.4	38.4
5-6 PM	997	0.0	96	0.0	1500	997	0	96	0.52	0	64.5	60.7	41.7	38.6	38.6
6-7 PM	851	0.0	82	0.0	1500	851	0	82	0.50	0	64.8	61.0	42.2	38.8	38.8
7-8 PM	799	0.0	77	0.0	1500	799	0	77	0.50	0	64.9	61.2	42.4	38.8	38.8
8-9 PM	652	0.0	63	0.0	1500	652	0	63	0.49	0	65.1	61.5	42.9	38.9	38.9
9-10 PM	589	0.0	57	0.0	1500	589	0	57	0.48	0	65.3	61.6	43.2	39.1	39.1
10-11 PM	445	0.0	43	0.0	1500	445	0	43	0.47	0	65.6	62.0	43.7	39.2	39.2
11PM-MID	287	0.0	27	0.0	1500	287	0	27	0.45	0	65.8	62.3	44.3	39.4	39.4

----- 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	0.0222
MAIN ROUTE WITH WORKS	0.0211
DIVERSION	0.0228

PIA: Personal Injury Accidents

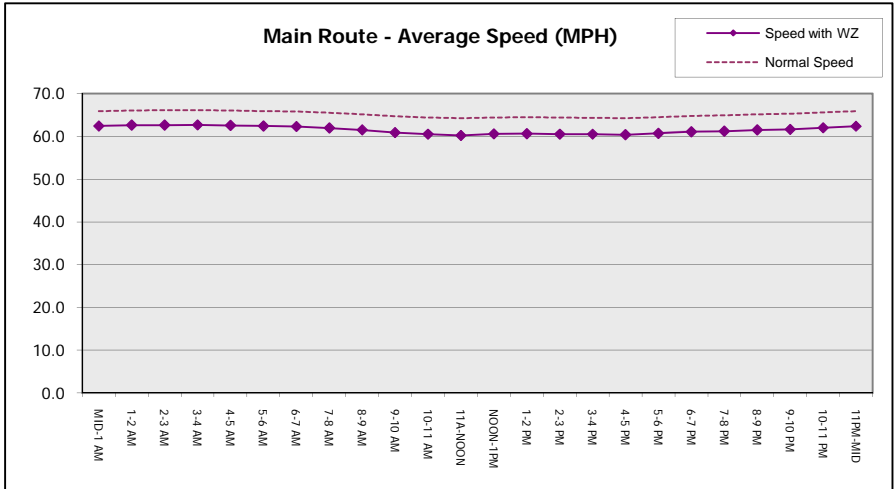
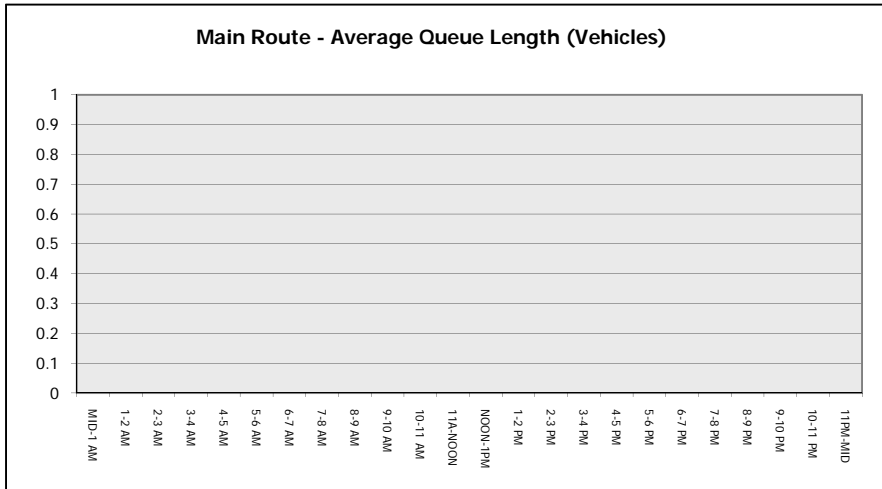
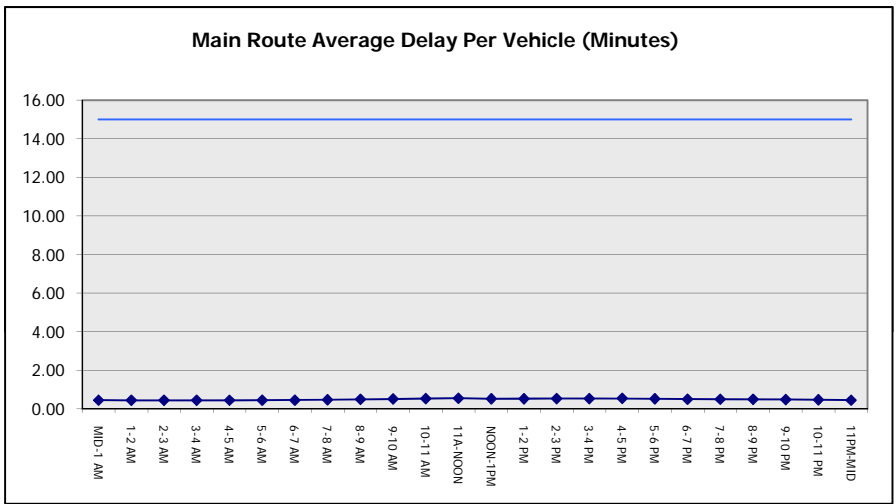
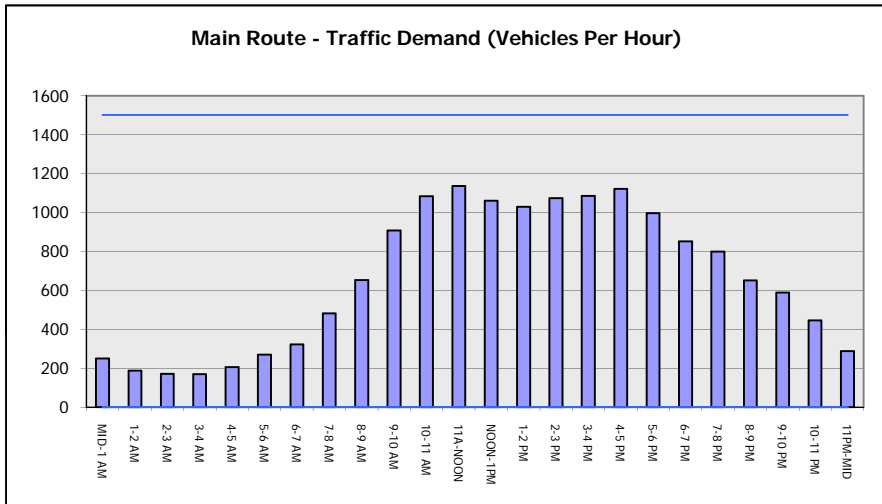
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,036
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 128 - USH 12 - USH 63

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 128 - USH 12 - USH 63	OCTOBER
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	266	0.0	25	0.0	1500	266	0	25	0.45	0	65.9	62.4	44.4	39.4	39.4
1-2 AM	169	0.0	16	0.0	1500	169	0	16	0.44	0	66.1	62.7	44.8	39.6	39.6
2-3 AM	129	0.0	12	0.0	1500	129	0	12	0.43	0	66.1	62.7	45.0	39.6	39.6
3-4 AM	138	0.0	13	0.0	1500	138	0	13	0.44	0	66.1	62.7	45.0	39.6	39.6
4-5 AM	174	0.0	16	0.0	1500	174	0	16	0.44	0	66.1	62.6	44.8	39.6	39.6
5-6 AM	259	0.0	25	0.0	1500	259	0	25	0.45	0	65.9	62.4	44.5	39.4	39.4
6-7 AM	443	0.0	43	0.0	1500	443	0	43	0.47	0	65.6	62.0	43.7	39.2	39.2
7-8 AM	689	0.0	66	0.0	1500	689	0	66	0.49	0	65.1	61.4	42.8	38.9	38.9
8-9 AM	934	0.0	90	0.0	1500	934	0	90	0.51	0	64.6	60.8	41.9	38.6	38.6
9-10 AM	1178	0.0	114	0.0	1500	1178	0	114	0.61	0	64.2	59.8	39.2	38.3	38.3
10-11 AM	1302	0.0	125	0.0	1500	1302	0	125	0.77	0	64.0	58.5	35.5	38.2	38.2
11A-NOON	1261	0.0	122	0.0	1500	1261	0	122	0.72	0	64.0	58.9	36.6	38.3	38.3
NOON-1PM	1143	0.0	110	0.0	1500	1143	0	110	0.56	0	64.3	60.1	40.4	38.4	38.4
1-2 PM	1093	0.0	106	0.0	1500	1093	0	106	0.53	0	64.3	60.5	41.4	38.4	38.4
2-3 PM	1079	0.0	104	0.0	1500	1079	0	104	0.53	0	64.4	60.5	41.4	38.4	38.4
3-4 PM	1046	0.0	100	0.0	1500	1046	0	100	0.52	0	64.5	60.5	41.5	38.5	38.5
4-5 PM	1049	0.0	100	0.0	1500	1049	0	100	0.52	0	64.5	60.5	41.5	38.5	38.5
5-6 PM	957	0.0	92	0.0	1500	957	0	92	0.51	0	64.6	60.8	41.9	38.6	38.6
6-7 PM	803	0.0	77	0.0	1500	803	0	77	0.50	0	64.9	61.1	42.4	38.8	38.8
7-8 PM	687	0.0	66	0.0	1500	687	0	66	0.49	0	65.1	61.4	42.8	38.9	38.9
8-9 PM	562	0.0	54	0.0	1500	562	0	54	0.48	0	65.3	61.7	43.3	39.1	39.1
9-10 PM	476	0.0	46	0.0	1500	476	0	46	0.47	0	65.5	61.9	43.6	39.2	39.2
10-11 PM	397	0.0	39	0.0	1500	397	0	39	0.46	0	65.6	62.1	43.9	39.2	39.2
11PM-MID	291	0.0	28	0.0	1500	291	0	28	0.45	0	65.8	62.3	44.3	39.4	39.4

----- 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	0.0231
MAIN ROUTE WITH WORKS	0.0220
DIVERSION	0.0237

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,299
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 128 - USH 12 - USH 63

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

