

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	AUGUST
	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	301	0.0	29	0.0	1500	301	0	29	0.45	0	65.8	62.3	44.3	39.4	39.4
1-2 AM	215	0.0	20	0.0	1500	215	0	20	0.44	0	66.0	62.5	44.6	39.5	39.5
2-3 AM	178	0.0	17	0.0	1500	178	0	17	0.44	0	66.1	62.6	44.8	39.6	39.6
3-4 AM	191	0.0	18	0.0	1500	191	0	18	0.44	0	66.0	62.6	44.7	39.5	39.5
4-5 AM	237	0.0	22	0.0	1500	237	0	22	0.45	0	66.0	62.5	44.5	39.5	39.5
5-6 AM	283	0.0	27	0.0	1500	283	0	27	0.45	0	65.9	62.3	44.3	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	503	0.0	49	0.0	1500	503	0	49	0.47	0	65.5	61.9	43.5	39.1	39.1
8-9 AM	688	0.0	66	0.0	1500	688	0	66	0.49	0	65.1	61.4	42.8	38.9	38.9
9-10 AM	940	0.0	90	0.0	1500	940	0	90	0.51	0	64.6	60.8	41.9	38.6	38.6
10-11 AM	1213	0.0	117	0.0	1500	1213	0	117	0.65	0	64.1	59.4	38.1	38.3	38.3
11A-NOON	1270	0.0	122	0.0	1500	1270	0	122	0.73	0	64.0	58.8	36.3	38.3	38.3
NOON-1PM	1231	0.0	119	0.0	1500	1231	0	119	0.68	0	64.1	59.2	37.5	38.3	38.3
1-2 PM	1316	0.0	127	0.0	1500	1316	0	127	0.79	0	64.0	58.4	35.1	38.2	38.2
2-3 PM	1276	0.0	123	0.0	1500	1276	0	123	0.74	0	64.0	58.7	36.1	38.2	38.2
3-4 PM	1274	0.0	123	0.0	1500	1274	0	123	0.73	0	64.0	58.8	36.2	38.2	38.2
4-5 PM	1206	0.0	116	0.0	1500	1206	0	116	0.64	0	64.1	59.5	38.3	38.3	38.3
5-6 PM	1078	0.0	104	0.0	1500	1078	0	104	0.53	0	64.4	60.5	41.4	38.4	38.4
6-7 PM	949	0.0	91	0.0	1500	949	0	91	0.51	0	64.6	60.8	41.9	38.6	38.6
7-8 PM	802	0.0	77	0.0	1500	802	0	77	0.50	0	64.9	61.1	42.4	38.8	38.8
8-9 PM	702	0.0	68	0.0	1500	702	0	68	0.49	0	65.1	61.4	42.7	38.9	38.9
9-10 PM	630	0.0	61	0.0	1500	630	0	61	0.48	0	65.2	61.5	43.0	39.0	39.0
10-11 PM	471	0.0	46	0.0	1500	471	0	46	0.47	0	65.5	61.9	43.6	39.2	39.2
11PM-MID	307	0.0	29	0.0	1500	307	0	29	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	0.0246
MAIN ROUTE WITH WORKS	0.0235
DIVERSION	0.0253

PIA: Personal Injury Accidents

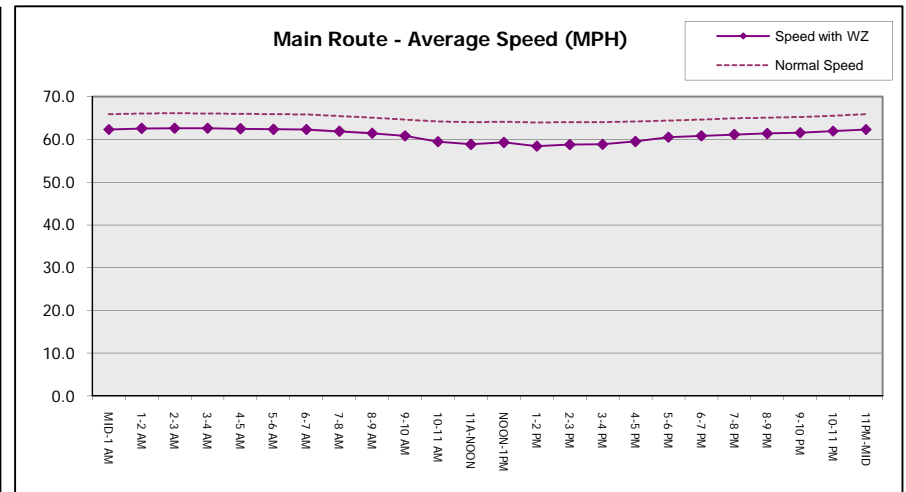
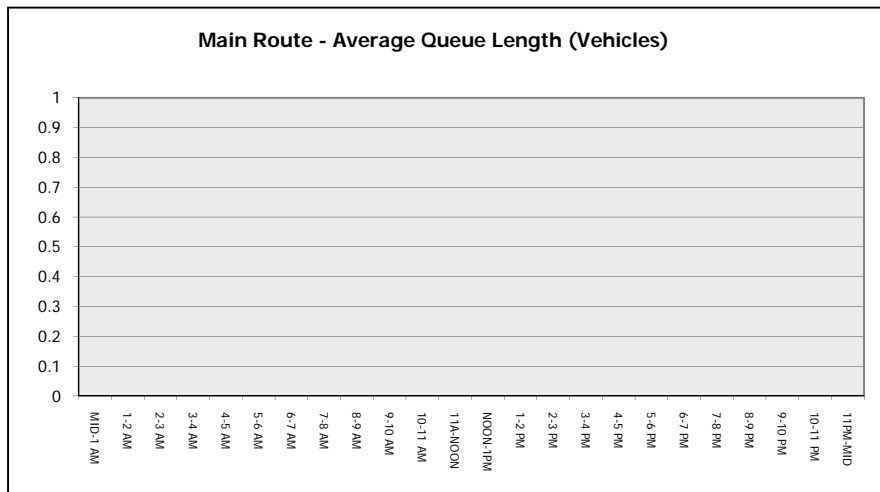
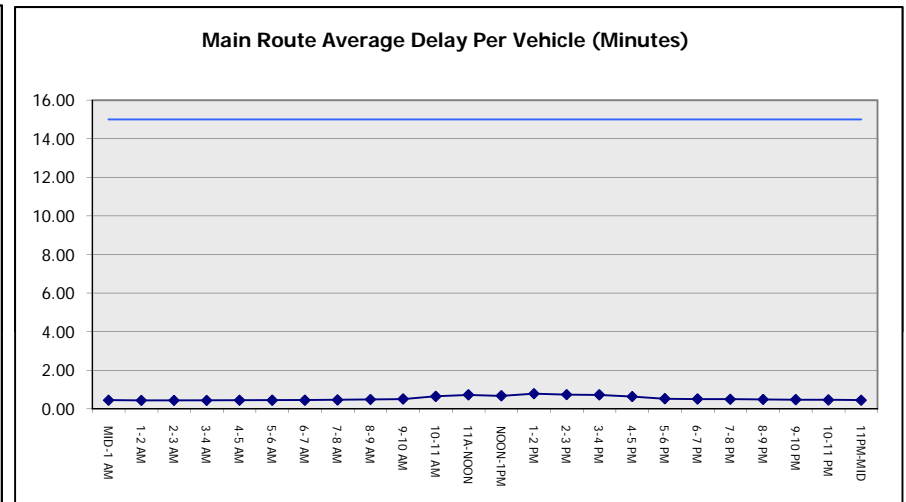
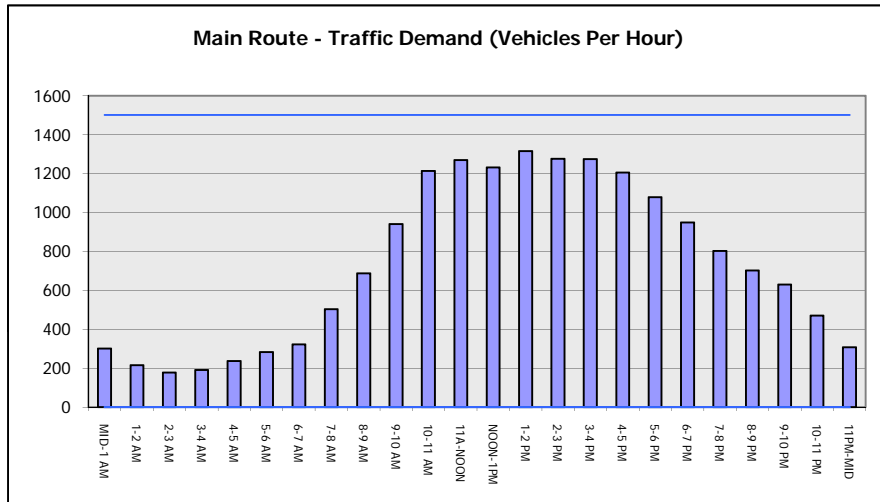
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,795
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
 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	AUGUST
	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						
	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	310	0.0	29	0.0	1500	310	0	29	0.45	0	65.8	62.3	44.2	39.4	39.4
1-2 AM	183	0.0	17	0.0	1500	183	0	17	0.44	0	66.1	62.6	44.8	39.6	39.6
2-3 AM	151	0.0	14	0.0	1500	151	0	14	0.44	0	66.1	62.7	44.9	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	172	0.0	16	0.0	1500	172	0	16	0.44	0	66.1	62.6	44.8	39.6	39.6
5-6 AM	256	0.0	24	0.0	1500	256	0	24	0.45	0	65.9	62.4	44.5	39.4	39.4
6-7 AM	472	0.0	46	0.0	1500	472	0	46	0.47	0	65.5	61.9	43.6	39.2	39.2
7-8 AM	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 AM	1141	0.0	110	0.0	1500	1141	0	110	0.56	0	64.3	60.2	40.4	38.4	38.4
9-10 AM	1404	0.0	135	0.0	1499	1404	0	135	0.90	0	63.8	57.5	32.9	38.1	38.1
10-11 AM	1586	0.0	152	0.0	1499	1586	0	152	2.43	39	63.4	49.1	30.8	37.9	37.9
11A-NOON	1508	0.0	145	0.0	1499	1508	0	145	4.60	96	63.6	40.9	30.8	37.9	37.9
NOON-1PM	1387	0.0	133	0.0	1499	1387	0	133	2.58	47	63.8	48.6	32.0	38.1	38.1
1-2 PM	1240	0.0	120	0.0	1500	1240	0	120	0.69	0	64.1	59.1	37.2	38.3	38.3
2-3 PM	1167	0.0	113	0.0	1500	1167	0	113	0.59	0	64.2	59.9	39.5	38.3	38.3
3-4 PM	1128	0.0	109	0.0	1500	1128	0	109	0.54	0	64.3	60.3	40.9	38.4	38.4
4-5 PM	991	0.0	95	0.0	1500	991	0	95	0.52	0	64.5	60.7	41.7	38.6	38.6
5-6 PM	946	0.0	91	0.0	1500	946	0	91	0.51	0	64.6	60.8	41.9	38.6	38.6
6-7 PM	810	0.0	78	0.0	1500	810	0	78	0.50	0	64.9	61.1	42.4	38.8	38.8
7-8 PM	704	0.0	68	0.0	1500	704	0	68	0.49	0	65.1	61.4	42.7	38.9	38.9
8-9 PM	621	0.0	60	0.0	1500	621	0	60	0.48	0	65.2	61.5	43.0	39.0	39.0
9-10 PM	524	0.0	51	0.0	1500	524	0	51	0.47	0	65.4	61.8	43.4	39.1	39.1
10-11 PM	415	0.0	40	0.0	1500	415	0	40	0.46	0	65.6	62.0	43.8	39.2	39.2
11PM-MID	310	0.0	29	0.0	1500	310	0	29	0.45	0	65.8	62.3	44.2	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	0.0257
MAIN ROUTE WITH WORKS	0.0245
DIVERSION	0.0264

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$5,897
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**

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

