

IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 128 - USH 12 - USH 63	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	255	0.0	24	0.0	1500	255	0	24	0.45	0	65.9	62.4	44.5	39.4	39.4
1-2 AM	238	0.0	23	0.0	1500	238	0	23	0.45	0	66.0	62.5	44.5	39.4	39.4
2-3 AM	231	0.0	22	0.0	1500	231	0	22	0.44	0	66.0	62.5	44.6	39.5	39.5
3-4 AM	262	0.0	25	0.0	1500	262	0	25	0.45	0	65.9	62.4	44.4	39.4	39.4
4-5 AM	428	0.0	42	0.0	1500	428	0	42	0.46	0	65.6	62.0	43.8	39.2	39.2
5-6 AM	736	0.0	71	0.0	OFF	736	0	71	0.00	0	65.0	65.0	65.0	38.9	38.9
6-7 AM	983	0.0	94	0.0	OFF	983	0	94	0.00	0	64.6	64.6	64.6	38.6	38.6
7-8 AM	977	0.0	94	0.0	OFF	977	0	94	0.00	0	64.6	64.6	64.6	38.6	38.6
8-9 AM	897	0.0	86	0.0	OFF	897	0	86	0.00	0	64.7	64.7	64.7	38.7	38.7
9-10 AM	926	0.0	89	0.0	OFF	926	0	89	0.00	0	64.6	64.6	64.6	38.6	38.6
10-11 AM	961	0.0	92	0.0	OFF	961	0	92	0.00	0	64.6	64.6	64.6	38.6	38.6
11A-NOON	1049	0.0	100	0.0	OFF	1049	0	100	0.00	0	64.5	64.5	64.5	38.5	38.5
NOON-1PM	1173	0.0	113	0.0	OFF	1173	0	113	0.00	0	64.2	64.2	64.2	38.3	38.3
1-2 PM	1311	0.0	126	0.0	OFF	1311	0	126	0.00	0	64.0	64.0	64.0	38.2	38.2
2-3 PM	1353	0.0	130	0.0	OFF	1353	0	130	0.00	0	63.8	63.8	63.8	38.1	38.1
3-4 PM	1434	0.0	138	0.0	OFF	1434	0	138	0.00	0	63.7	63.7	63.7	38.0	38.0
4-5 PM	1449	0.0	139	0.0	OFF	1449	0	139	0.00	0	63.7	63.7	63.7	38.0	38.0
5-6 PM	1388	0.0	134	0.0	OFF	1388	0	134	0.00	0	63.8	63.8	63.8	38.1	38.1
6-7 PM	1208	0.0	117	0.0	OFF	1208	0	117	0.00	0	64.1	64.1	64.1	38.3	38.3
7-8 PM	1004	0.0	96	0.0	1500	1004	0	96	0.52	0	64.5	60.7	41.7	38.6	38.6
8-9 PM	913	0.0	88	0.0	1500	913	0	88	0.51	0	64.7	60.9	42.0	38.6	38.6
9-10 PM	776	0.0	75	0.0	1500	776	0	75	0.50	0	65.0	61.2	42.5	38.8	38.8
10-11 PM	621	0.0	60	0.0	1500	621	0	60	0.48	0	65.2	61.5	43.0	39.0	39.0
11PM-MID	405	0.0	39	0.0	1500	405	0	39	0.46	0	65.6	62.0	43.9	39.2	39.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0294
MAIN ROUTE WITH WORKS	0.0290
DIVERSION	0.0301

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$533
CONGESTED HOURS PER DAY*	0

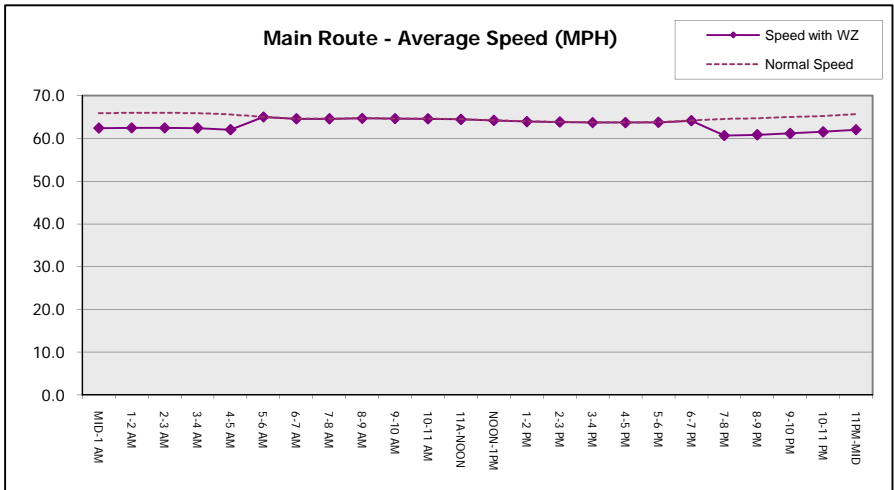
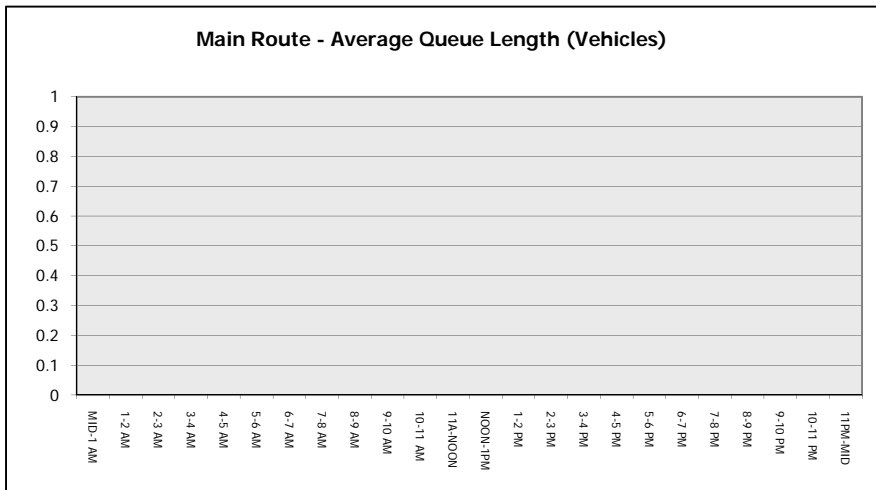
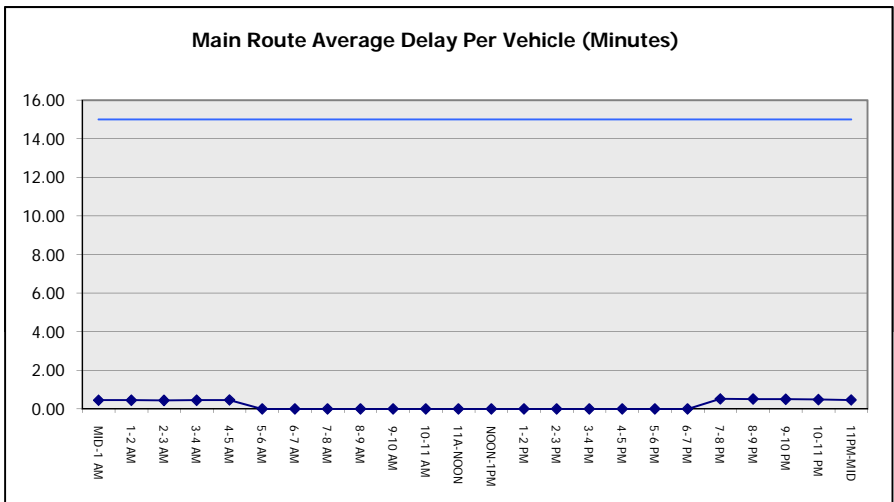
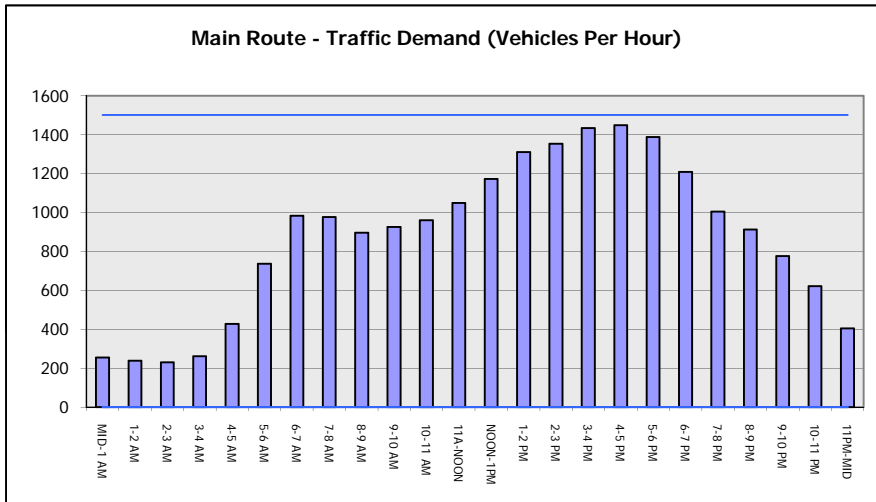
*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 128 - USH 12 - USH 63

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



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

FRIDAY 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	246	0.0	23	0.0	1500	246	0	23	0.45	0	66.0	62.5	44.5	39.4	39.4	
1-2 AM	160	0.0	15	0.0	1500	160	0	15	0.44	0	66.1	62.7	44.8	39.6	39.6	
2-3 AM	156	0.0	15	0.0	1500	156	0	15	0.44	0	66.1	62.7	44.8	39.6	39.6	
3-4 AM	152	0.0	14	0.0	1500	152	0	14	0.44	0	66.1	62.7	44.9	39.6	39.6	
4-5 AM	226	0.0	21	0.0	1500	226	0	21	0.44	0	66.0	62.5	44.6	39.5	39.5	
5-6 AM	350	0.0	33	0.0	OFF	350	0	33	0.00	0	65.8	65.8	65.8	39.3	39.3	
6-7 AM	592	0.0	57	0.0	OFF	592	0	57	0.00	0	65.3	65.3	65.3	39.1	39.1	
7-8 AM	886	0.0	85	0.0	OFF	886	0	85	0.00	0	64.7	64.7	64.7	38.7	38.7	
8-9 AM	999	0.0	96	0.0	OFF	999	0	96	0.00	0	64.5	64.5	64.5	38.6	38.6	
9-10 AM	1248	0.0	120	0.0	OFF	1248	0	120	0.00	0	64.1	64.1	64.1	38.3	38.3	
10-11 AM	1381	0.0	133	0.0	OFF	1381	0	133	0.00	0	63.8	63.8	63.8	38.1	38.1	
11A-NOON	1439	0.0	138	0.0	OFF	1439	0	138	0.00	0	63.7	63.7	63.7	38.0	38.0	
NOON-1PM	1529	0.0	147	0.0	OFF	1529	0	147	0.00	0	63.5	63.5	63.5	37.9	37.9	
1-2 PM	1758	0.0	169	0.0	OFF	1758	0	169	0.00	0	63.1	63.1	63.1	37.6	37.6	
2-3 PM	1772	0.0	171	0.0	OFF	1772	0	171	0.00	0	63.1	63.1	63.1	37.6	37.6	
3-4 PM	1948	0.0	188	0.0	OFF	1948	0	188	0.00	0	62.8	62.8	62.8	37.4	37.4	
4-5 PM	1985	0.0	191	0.0	OFF	1985	0	191	0.00	0	62.7	62.7	62.7	37.4	37.4	
5-6 PM	1905	0.0	184	0.0	OFF	1905	0	184	0.00	0	62.8	62.8	62.8	37.4	37.4	
6-7 PM	1828	0.0	176	0.0	OFF	1828	0	176	0.00	0	63.0	63.0	63.0	37.6	37.6	
7-8 PM	1271	0.0	123	0.0	1500	1271	0	123	0.73	0	64.0	58.8	36.3	38.2	38.2	
8-9 PM	852	0.0	82	0.0	1500	852	0	82	0.50	0	64.8	61.0	42.2	38.8	38.8	
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	517	0.0	50	0.0	1500	517	0	50	0.47	0	65.4	61.8	43.5	39.1	39.1	
11PM-MID	388	0.0	38	0.0	1500	388	0	38	0.46	0	65.6	62.1	44.0	39.2	39.2	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0339
MAIN ROUTE WITH WORKS	0.0336
DIVERSION	0.0348

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$532
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 128 - USH 12 - USH 63

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

