

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

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	248	0.0	24	0.0	1500	248	0	24	0.45	0	66.0	62.4	44.5	39.4	39.4
1-2 AM	214	0.0	20	0.0	1500	214	0	20	0.44	0	66.0	62.5	44.6	39.5	39.5
2-3 AM	235	0.0	22	0.0	1500	235	0	22	0.45	0	66.0	62.5	44.5	39.5	39.5
3-4 AM	272	0.0	26	0.0	1500	272	0	26	0.45	0	65.9	62.4	44.4	39.4	39.4
4-5 AM	412	0.0	40	0.0	1500	412	0	40	0.46	0	65.6	62.0	43.8	39.2	39.2
5-6 AM	739	0.0	71	0.0	1500	739	0	71	0.49	0	65.0	61.3	42.6	38.9	38.9
6-7 AM	861	0.0	83	0.0	1500	861	0	83	0.51	0	64.8	61.0	42.2	38.7	38.7
7-8 AM	932	0.0	89	0.0	1500	932	0	89	0.51	0	64.6	60.9	41.9	38.6	38.6
8-9 AM	867	0.0	83	0.0	1500	867	0	83	0.51	0	64.8	61.0	42.2	38.7	38.7
9-10 AM	902	0.0	86	0.0	1500	902	0	86	0.51	0	64.7	60.9	42.0	38.7	38.7
10-11 AM	1018	0.0	97	0.0	1500	1018	0	97	0.52	0	64.5	60.6	41.6	38.6	38.6
11A-NOON	1143	0.0	110	0.0	1500	1143	0	110	0.56	0	64.3	60.1	40.4	38.4	38.4
NOON-1PM	1224	0.0	118	0.0	1500	1224	0	118	0.67	0	64.1	59.3	37.7	38.3	38.3
1-2 PM	1413	0.0	136	0.0	1499	1413	0	136	0.91	0	63.8	57.4	32.7	38.1	38.1
2-3 PM	1555	0.0	149	0.0	1499	1555	0	149	1.86	23	63.5	51.9	30.8	37.9	37.9
3-4 PM	1551	0.0	149	0.0	1499	1551	0	149	4.03	81	63.5	42.8	30.8	37.9	37.9
4-5 PM	1533	0.0	147	0.0	1500	1533	0	147	5.71	126	63.5	37.6	30.8	37.9	37.9
5-6 PM	1431	0.0	138	0.0	1499	1431	0	138	5.22	113	63.7	39.1	30.8	38.0	38.0
6-7 PM	1235	0.0	119	0.0	1500	1235	0	119	1.08	11	64.1	56.6	36.9	38.3	38.3
7-8 PM	1028	0.0	98	0.0	1500	1028	0	98	0.52	0	64.5	60.6	41.6	38.5	38.5
8-9 PM	876	0.0	84	0.0	1500	876	0	84	0.51	0	64.8	61.0	42.1	38.7	38.7
9-10 PM	673	0.0	65	0.0	1500	673	0	65	0.49	0	65.1	61.4	42.8	38.9	38.9
10-11 PM	532	0.0	51	0.0	1500	532	0	51	0.47	0	65.4	61.8	43.4	39.1	39.1
11PM-MID	328	0.0	31	0.0	1500	328	0	31	0.45	0	65.8	62.2	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	0.0297
MAIN ROUTE WITH WORKS	0.0283
DIVERSION	0.0304

PIA: Personal Injury Accidents

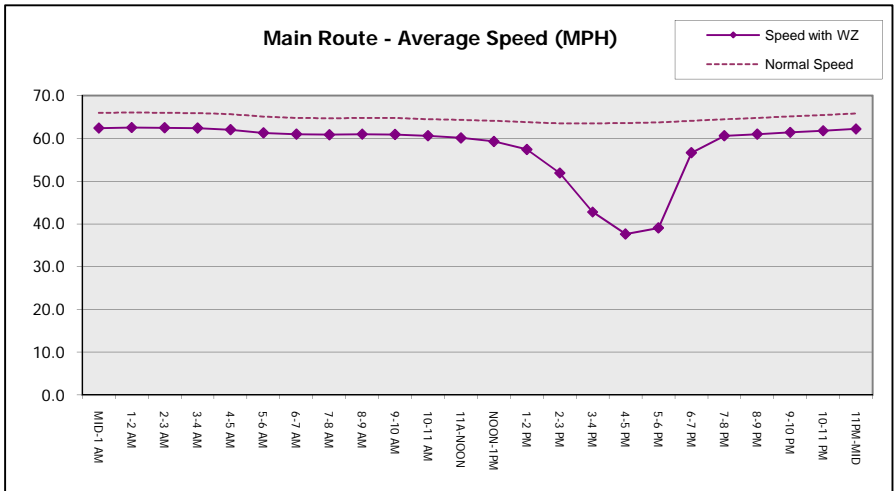
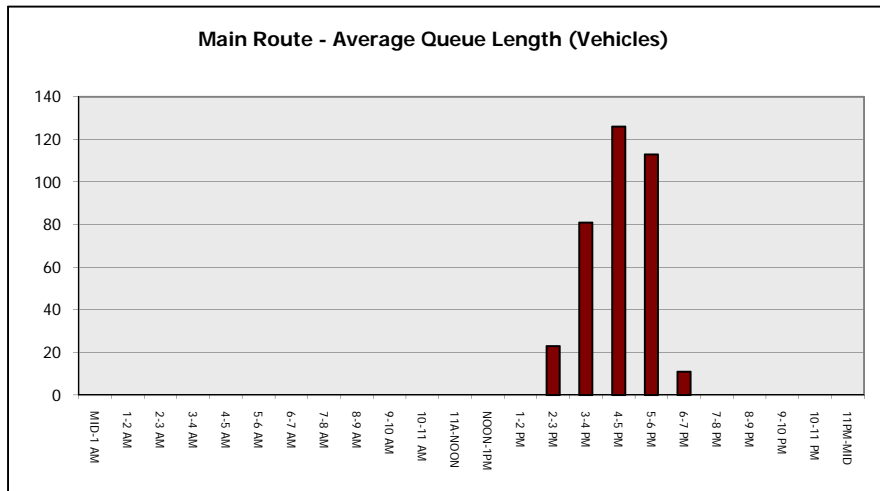
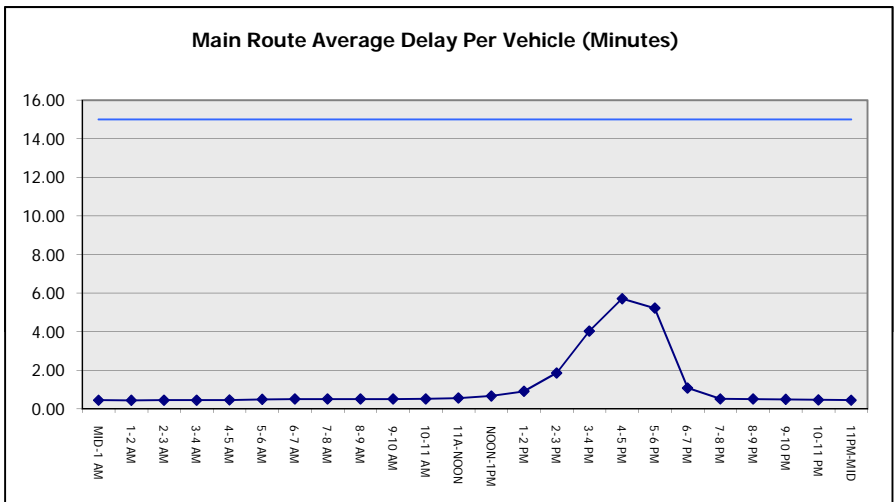
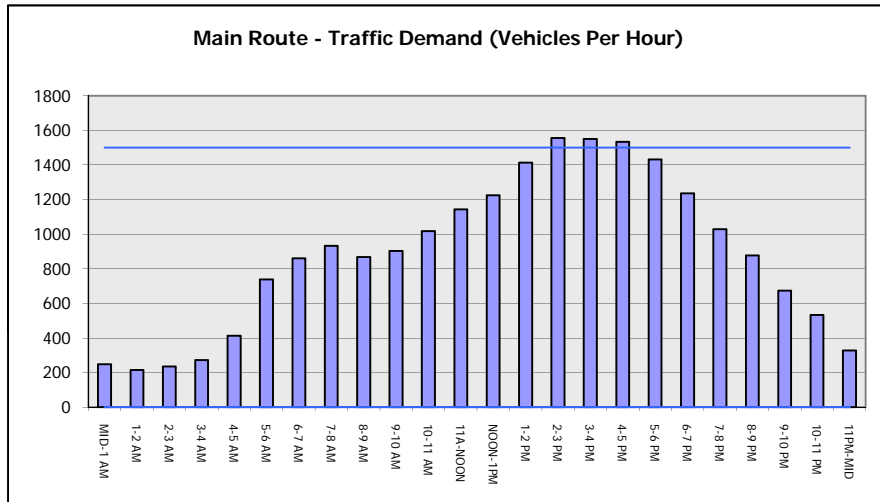
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$8,096
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

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) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 128 - USH 12 - USH 63	OCTOBER
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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	238	0.0	23	0.0	1500	238	0	23	0.45	0	66.0	62.5	44.5	39.4	39.4
1-2 AM	175	0.0	17	0.0	1500	175	0	17	0.44	0	66.1	62.6	44.8	39.6	39.6
2-3 AM	136	0.0	13	0.0	1500	136	0	13	0.44	0	66.1	62.7	45.0	39.6	39.6
3-4 AM	157	0.0	15	0.0	1500	157	0	15	0.44	0	66.1	62.7	44.8	39.6	39.6
4-5 AM	194	0.0	18	0.0	1500	194	0	18	0.44	0	66.0	62.6	44.7	39.5	39.5
5-6 AM	344	0.0	33	0.0	1500	344	0	33	0.46	0	65.8	62.2	44.1	39.3	39.3
6-7 AM	531	0.0	51	0.0	1500	531	0	51	0.47	0	65.4	61.8	43.4	39.1	39.1
7-8 AM	831	0.0	80	0.0	1500	831	0	80	0.50	0	64.8	61.0	42.3	38.8	38.8
8-9 AM	936	0.0	90	0.0	1500	936	0	90	0.51	0	64.6	60.8	41.9	38.6	38.6
9-10 AM	1182	0.0	114	0.0	1500	1182	0	114	0.61	0	64.2	59.7	39.1	38.3	38.3
10-11 AM	1395	0.0	134	0.0	1500	1395	0	134	0.89	0	63.8	57.6	33.1	38.1	38.1
11A-NOON	1425	0.0	137	0.0	1500	1425	0	137	0.93	0	63.7	57.3	32.4	38.1	38.1
NOON-1PM	1450	0.0	140	0.0	1499	1450	0	140	0.96	0	63.7	57.1	31.9	38.0	38.0
1-2 PM	1713	0.0	164	0.0	1499	1713	0	164	4.19	94	63.2	42.0	30.8	37.7	37.7
2-3 PM	1819	0.0	176	0.0	1500	1652	167	343	12.69	320	63.0	25.0	30.8	37.6	35.5
3-4 PM	1912	0.0	184	0.0	1500	1521	392	575	14.96	378	62.8	22.6	30.8	37.4	32.6
4-5 PM	1886	0.0	182	0.0	1499	1486	399	581	15.02	380	62.8	22.5	30.8	37.5	32.5
5-6 PM	1718	0.0	165	0.0	1499	1457	261	427	13.76	345	63.2	23.8	30.8	37.7	34.5
6-7 PM	1580	0.0	152	0.0	1500	1466	114	267	12.59	312	63.5	25.2	30.8	37.9	36.5
7-8 PM	1213	0.0	117	0.0	1499	1213	0	117	6.74	174	64.1	35.3	33.5	38.3	38.3
8-9 PM	793	0.0	76	0.0	1500	792	0	76	0.50	0	64.9	61.2	42.4	38.8	38.8
9-10 PM	626	0.0	60	0.0	1500	626	0	60	0.48	0	65.2	61.5	43.0	39.0	39.0
10-11 PM	507	0.0	49	0.0	1500	507	0	49	0.47	0	65.5	61.9	43.5	39.1	39.1
11PM-MID	380	0.0	37	0.0	1500	380	0	37	0.46	0	65.7	62.1	44.0	39.3	39.3

----- 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	0.0324
MAIN ROUTE WITH WORKS	0.0291
DIVERSION	0.0531

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$34,366
CONGESTED HOURS PER DAY*	1

*Delays Exceeding 15 Minutes

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

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

