

<b>IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 128 - USH 12 - USH 63</b>	<b>AUGUST</b>
	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	243	0.0	23	0.0	1500	243	0	23	0.45	0	66.0	62.5	44.5	39.4	39.4
1-2 AM	210	0.0	20	0.0	1500	210	0	20	0.44	0	66.0	62.5	44.6	39.5	39.5
2-3 AM	211	0.0	20	0.0	1500	211	0	20	0.44	0	66.0	62.5	44.6	39.5	39.5
3-4 AM	295	0.0	28	0.0	1500	295	0	28	0.45	0	65.8	62.3	44.3	39.4	39.4
4-5 AM	541	0.0	52	0.0	1500	541	0	52	0.47	0	65.4	61.7	43.3	39.1	39.1
5-6 AM	846	0.0	81	0.0	1500	846	0	81	0.50	0	64.8	61.0	42.2	38.8	38.8
6-7 AM	944	0.0	91	0.0	1500	944	0	91	0.51	0	64.6	60.8	41.9	38.6	38.6
7-8 AM	918	0.0	88	0.0	1500	918	0	88	0.51	0	64.6	60.9	42.0	38.6	38.6
8-9 AM	886	0.0	85	0.0	1500	886	0	85	0.51	0	64.7	60.9	42.1	38.7	38.7
9-10 AM	913	0.0	88	0.0	1500	913	0	88	0.51	0	64.7	60.9	42.0	38.6	38.6
10-11 AM	961	0.0	92	0.0	1500	961	0	92	0.52	0	64.6	60.7	41.8	38.6	38.6
11A-NOON	997	0.0	96	0.0	1500	997	0	96	0.52	0	64.5	60.7	41.7	38.6	38.6
NOON-1PM	1025	0.0	98	0.0	1500	1025	0	98	0.52	0	64.5	60.6	41.6	38.5	38.5
1-2 PM	1113	0.0	108	0.0	1500	1113	0	108	0.53	0	64.3	60.4	41.3	38.4	38.4
2-3 PM	1140	0.0	110	0.0	1500	1140	0	110	0.56	0	64.3	60.2	40.5	38.4	38.4
3-4 PM	1180	0.0	114	0.0	1500	1180	0	114	0.61	0	64.2	59.7	39.1	38.3	38.3
4-5 PM	1198	0.0	116	0.0	1500	1198	0	116	0.63	0	64.1	59.6	38.5	38.3	38.3
5-6 PM	1093	0.0	106	0.0	1500	1093	0	106	0.53	0	64.3	60.5	41.4	38.4	38.4
6-7 PM	933	0.0	89	0.0	1500	933	0	89	0.51	0	64.6	60.8	41.9	38.6	38.6
7-8 PM	793	0.0	76	0.0	1500	793	0	76	0.50	0	64.9	61.2	42.4	38.8	38.8
8-9 PM	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 PM	569	0.0	55	0.0	1500	569	0	55	0.48	0	65.3	61.7	43.2	39.1	39.1
10-11 PM	425	0.0	41	0.0	1500	425	0	41	0.46	0	65.6	62.0	43.8	39.2	39.2
11PM-MID	288	0.0	27	0.0	1500	288	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	0.0258
MAIN ROUTE WITH WORKS	0.0246
DIVERSION	0.0264

PIA: Personal Injury Accidents

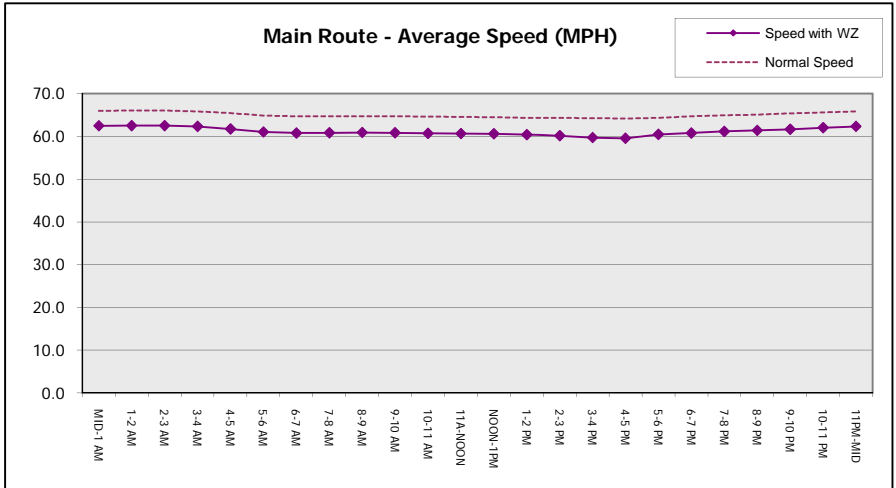
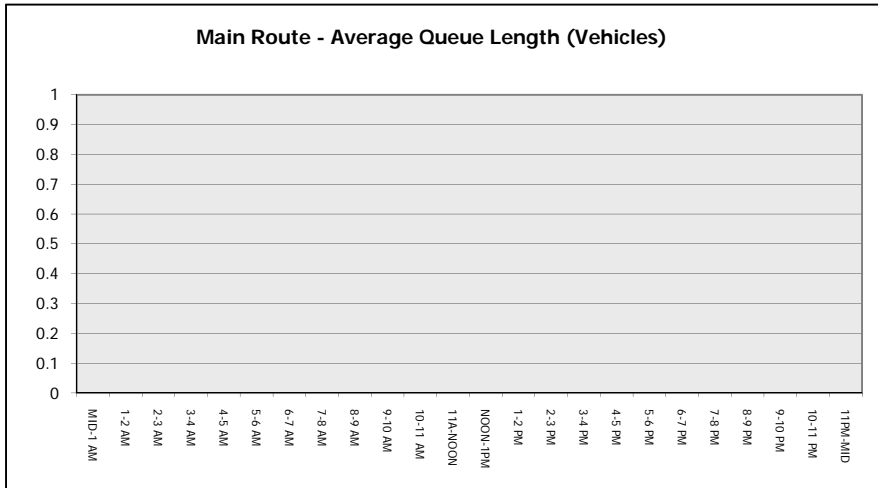
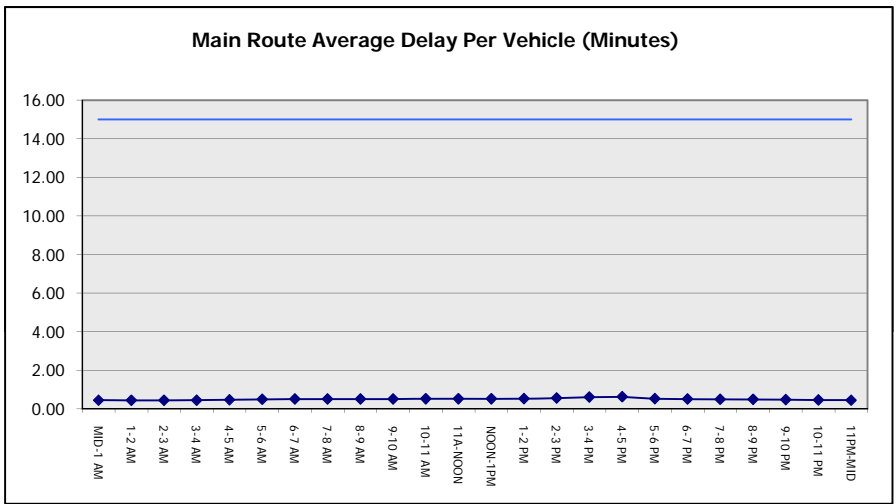
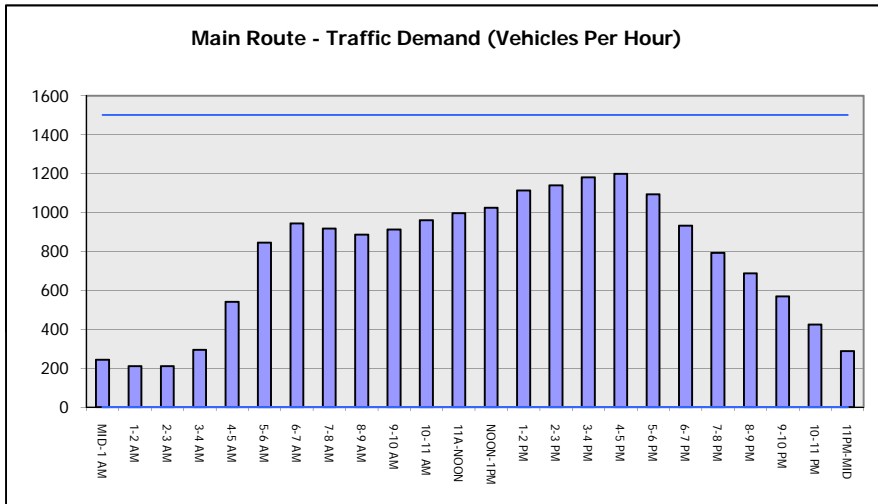
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,945
CONGESTED HOURS PER DAY*	0

\*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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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



<b>IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 128 - USH 12 - USH 63</b>	<b>AUGUST</b>
	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	223	0.0	21	0.0	1500	223	0	21	0.44	0	66.0	62.5	44.6	39.5	39.5
1-2 AM	150	0.0	14	0.0	1500	150	0	14	0.44	0	66.1	62.7	44.9	39.6	39.6
2-3 AM	133	0.0	12	0.0	1500	133	0	12	0.44	0	66.1	62.7	45.0	39.6	39.6
3-4 AM	151	0.0	14	0.0	1500	151	0	14	0.44	0	66.1	62.7	44.9	39.6	39.6
4-5 AM	219	0.0	21	0.0	1500	219	0	21	0.44	0	66.0	62.5	44.6	39.5	39.5
5-6 AM	371	0.0	36	0.0	1500	371	0	36	0.46	0	65.7	62.2	44.0	39.3	39.3
6-7 AM	651	0.0	63	0.0	1500	651	0	63	0.49	0	65.1	61.5	42.9	38.9	38.9
7-8 AM	815	0.0	78	0.0	1500	815	0	78	0.50	0	64.9	61.1	42.4	38.8	38.8
8-9 AM	901	0.0	86	0.0	1500	901	0	86	0.51	0	64.7	60.9	42.0	38.7	38.7
9-10 AM	1092	0.0	106	0.0	1500	1092	0	106	0.53	0	64.3	60.5	41.4	38.4	38.4
10-11 AM	1182	0.0	114	0.0	1500	1182	0	114	0.61	0	64.2	59.7	39.1	38.3	38.3
11A-NOON	1156	0.0	111	0.0	1500	1156	0	111	0.58	0	64.2	60.0	39.9	38.4	38.4
NOON-1PM	1131	0.0	109	0.0	1500	1131	0	109	0.55	0	64.3	60.2	40.8	38.4	38.4
1-2 PM	1177	0.0	113	0.0	1500	1177	0	113	0.61	0	64.2	59.8	39.2	38.3	38.3
2-3 PM	1260	0.0	121	0.0	1500	1260	0	121	0.71	0	64.0	58.9	36.6	38.3	38.3
3-4 PM	1323	0.0	127	0.0	1500	1323	0	127	0.80	0	63.9	58.3	34.9	38.2	38.2
4-5 PM	1301	0.0	125	0.0	1500	1301	0	125	0.77	0	64.0	58.5	35.5	38.2	38.2
5-6 PM	1117	0.0	108	0.0	1500	1117	0	108	0.53	0	64.3	60.4	41.3	38.4	38.4
6-7 PM	974	0.0	93	0.0	1500	974	0	93	0.52	0	64.6	60.7	41.8	38.6	38.6
7-8 PM	782	0.0	75	0.0	1500	782	0	75	0.50	0	65.0	61.2	42.5	38.8	38.8
8-9 PM	663	0.0	64	0.0	1500	663	0	64	0.49	0	65.1	61.5	42.9	38.9	38.9
9-10 PM	551	0.0	53	0.0	1500	551	0	53	0.48	0	65.3	61.7	43.3	39.1	39.1
10-11 PM	463	0.0	45	0.0	1500	463	0	45	0.47	0	65.5	61.9	43.7	39.2	39.2
11PM-MID	306	0.0	29	0.0	1500	306	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	0.0253
MAIN ROUTE WITH WORKS	0.0241
DIVERSION	0.0259

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,112
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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

