

IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 128 - USH 12 - USH 63	AUGUST
	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	271	0.0	26	0.0	OFF	271	0	26	0.00	0	65.9	65.9	65.9	39.4	39.4
1-2 AM	225	0.0	21	0.0	OFF	225	0	21	0.00	0	66.0	66.0	66.0	39.5	39.5
2-3 AM	235	0.0	22	0.0	OFF	235	0	22	0.00	0	66.0	66.0	66.0	39.5	39.5
3-4 AM	273	0.0	26	0.0	OFF	273	0	26	0.00	0	65.9	65.9	65.9	39.4	39.4
4-5 AM	454	0.0	44	0.0	OFF	454	0	44	0.00	0	65.5	65.5	65.5	39.2	39.2
5-6 AM	723	0.0	70	0.0	OFF	723	0	70	0.00	0	65.0	65.0	65.0	38.9	38.9
6-7 AM	843	0.0	81	0.0	OFF	843	0	81	0.00	0	64.8	64.8	64.8	38.8	38.8
7-8 AM	901	0.0	86	0.0	OFF	901	0	86	0.00	0	64.7	64.7	64.7	38.7	38.7
8-9 AM	878	0.0	84	0.0	OFF	878	0	84	0.00	0	64.8	64.8	64.8	38.7	38.7
9-10 AM	952	0.0	91	0.0	1500	952	0	91	0.51	0	64.6	60.8	41.9	38.6	38.6
10-11 AM	1109	0.0	107	0.0	1500	1109	0	107	0.53	0	64.3	60.4	41.3	38.4	38.4
11A-NOON	1221	0.0	118	0.0	1500	1221	0	118	0.66	0	64.1	59.3	37.8	38.3	38.3
NOON-1PM	1268	0.0	122	0.0	1499	1268	0	122	0.72	0	64.0	58.9	36.4	38.3	38.3
1-2 PM	1469	0.0	141	0.0	1499	1469	0	141	1.01	0	63.7	56.8	31.5	38.0	38.0
2-3 PM	1563	0.0	150	0.0	1500	1563	0	150	2.13	31	63.5	50.5	30.8	37.9	37.9
3-4 PM	1566	0.0	150	0.0	1500	1566	0	150	4.70	100	63.5	40.6	30.8	37.9	37.9
4-5 PM	1500	0.0	144	0.0	OFF	1500	0	144	0.08	3	63.6	63.0	63.0	37.9	37.9
5-6 PM	1439	0.0	138	0.0	OFF	1439	0	138	0.00	0	63.7	63.7	63.7	38.0	38.0
6-7 PM	1326	0.0	128	0.0	OFF	1326	0	128	0.00	0	63.9	63.9	63.9	38.1	38.1
7-8 PM	1110	0.0	107	0.0	OFF	1110	0	107	0.00	0	64.3	64.3	64.3	38.4	38.4
8-9 PM	930	0.0	89	0.0	OFF	930	0	89	0.00	0	64.6	64.6	64.6	38.6	38.6
9-10 PM	872	0.0	84	0.0	OFF	872	0	84	0.00	0	64.8	64.8	64.8	38.7	38.7
10-11 PM	655	0.0	63	0.0	OFF	655	0	63	0.00	0	65.1	65.1	65.1	38.9	38.9
11PM-MID	433	0.0	42	0.0	OFF	433	0	42	0.00	0	65.6	65.6	65.6	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	0.0311
MAIN ROUTE WITH WORKS	0.0305
DIVERSION	0.0319

PIA: Personal Injury Accidents

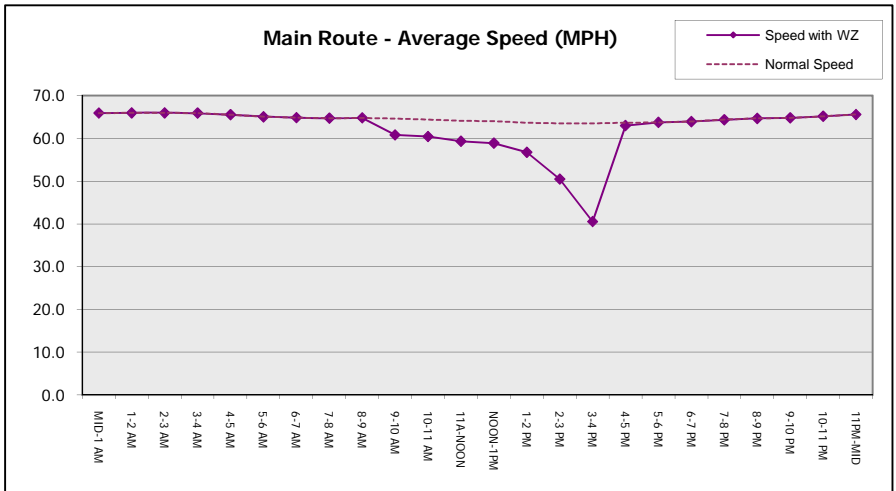
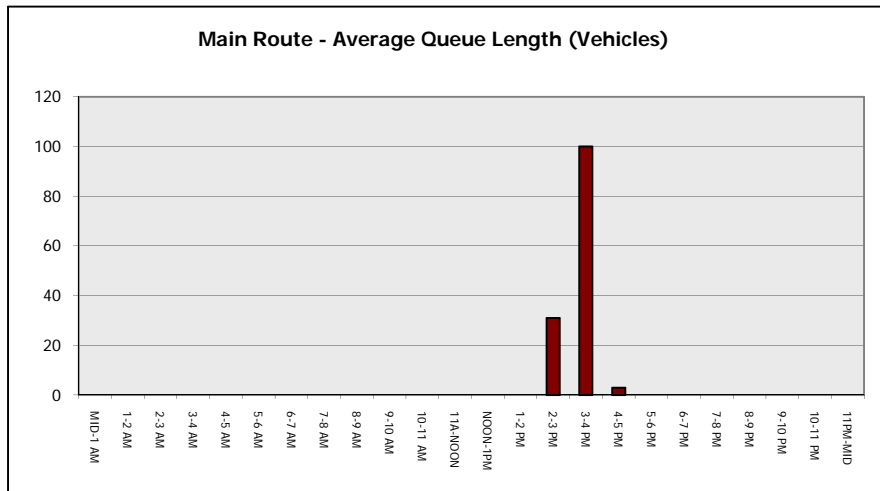
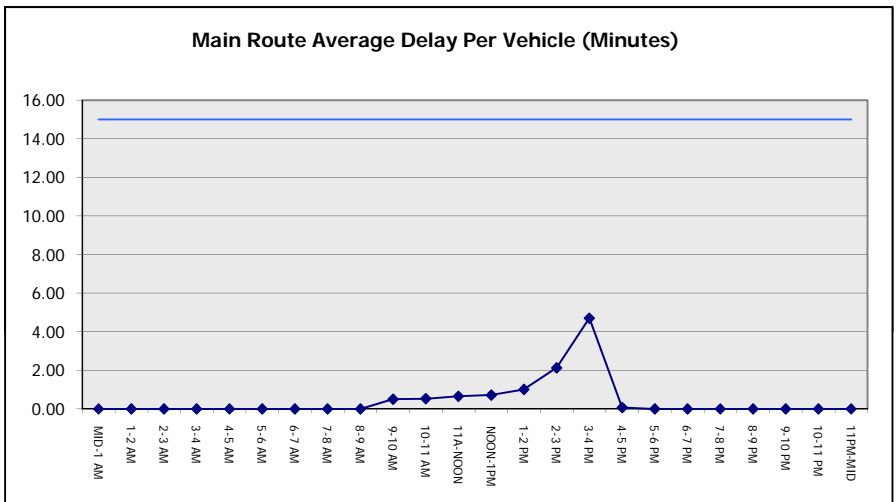
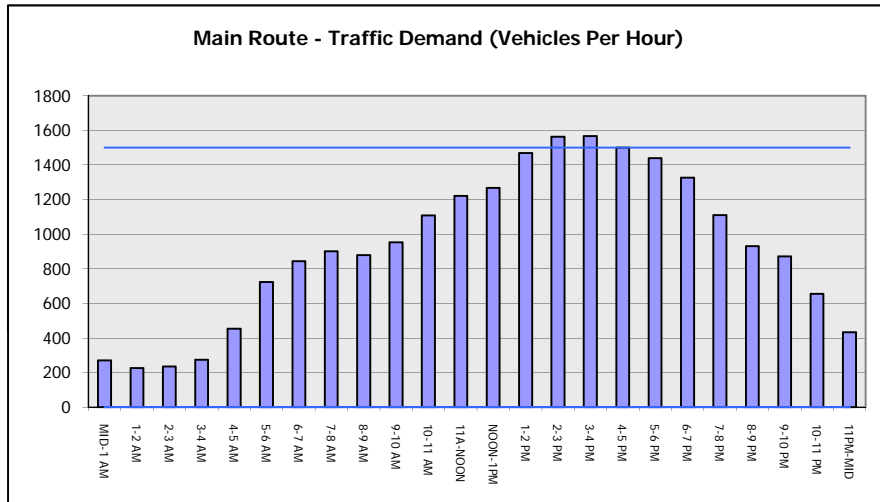
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,441
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 128 - USH 12 - USH 63

AUGUST
 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) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 128 - USH 12 - USH 63	AUGUST
	Analyzed for 2009 Construction Season

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	305	0.0	29	0.0	OFF	305	0	29	0.00	0	65.8	65.8	65.8	39.4	39.4
1-2 AM	198	0.0	19	0.0	OFF	198	0	19	0.00	0	66.0	66.0	66.0	39.5	39.5
2-3 AM	174	0.0	16	0.0	OFF	174	0	16	0.00	0	66.1	66.1	66.1	39.6	39.6
3-4 AM	173	0.0	16	0.0	OFF	173	0	16	0.00	0	66.1	66.1	66.1	39.6	39.6
4-5 AM	218	0.0	21	0.0	OFF	218	0	21	0.00	0	66.0	66.0	66.0	39.5	39.5
5-6 AM	367	0.0	36	0.0	OFF	367	0	36	0.00	0	65.7	65.7	65.7	39.3	39.3
6-7 AM	615	0.0	59	0.0	OFF	615	0	59	0.00	0	65.3	65.3	65.3	39.0	39.0
7-8 AM	901	0.0	86	0.0	OFF	901	0	86	0.00	0	64.7	64.7	64.7	38.7	38.7
8-9 AM	1075	0.0	104	0.0	OFF	1075	0	104	0.00	0	64.4	64.4	64.4	38.4	38.4
9-10 AM	1373	0.0	132	0.0	1499	1373	0	132	0.86	0	63.8	57.8	33.7	38.1	38.1
10-11 AM	1688	0.0	162	0.0	1499	1688	0	162	3.84	83	63.2	43.3	30.8	37.8	37.8
11A-NOON	1712	0.0	164	0.0	1499	1645	67	232	11.22	279	63.2	27.0	30.8	37.7	36.9
NOON-1PM	1710	0.0	164	0.0	1499	1508	202	366	13.29	332	63.2	24.4	30.8	37.7	35.2
1-2 PM	1977	0.0	191	0.0	1500	1570	408	598	15.16	384	62.7	22.4	30.8	37.4	32.3
2-3 PM	2053	0.0	198	0.0	1499	1513	539	737	16.47	420	62.5	21.2	30.8	37.3	30.6
3-4 PM	1989	0.0	192	0.0	1499	1480	508	700	16.11	410	62.7	21.5	30.8	37.4	31.1
4-5 PM	2015	0.0	194	0.0	OFF	2015	0	194	0.74	41	62.7	57.6	57.6	37.3	37.3
5-6 PM	1933	0.0	186	0.0	OFF	1933	0	186	0.00	0	62.8	62.8	62.8	37.4	37.4
6-7 PM	1846	0.0	178	0.0	OFF	1846	0	178	0.00	0	63.0	63.0	63.0	37.5	37.5
7-8 PM	1327	0.0	128	0.0	OFF	1327	0	128	0.00	0	63.9	63.9	63.9	38.1	38.1
8-9 PM	935	0.0	90	0.0	OFF	935	0	90	0.00	0	64.6	64.6	64.6	38.6	38.6
9-10 PM	692	0.0	67	0.0	OFF	692	0	67	0.00	0	65.1	65.1	65.1	38.9	38.9
10-11 PM	590	0.0	57	0.0	OFF	590	0	57	0.00	0	65.3	65.3	65.3	39.1	39.1
11PM-MID	445	0.0	43	0.0	OFF	445	0	43	0.00	0	65.6	65.6	65.6	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	0.0368
MAIN ROUTE WITH WORKS	0.0337
DIVERSION	0.0635

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$33,515
CONGESTED HOURS PER DAY*	3

*Delays Exceeding 15 Minutes

IH 94: STH 65 TO USH 12/STH 29 (DUNN AND ST CROIX COUNTIES)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 128 - USH 12 - USH 63

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

