

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	MAY
	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	208	0.0	20	0.0	1500	208	0	20	0.44	0	66.0	62.5	44.6	39.5	39.5
1-2 AM	180	0.0	17	0.0	1500	180	0	17	0.44	0	66.1	62.6	44.8	39.6	39.6
2-3 AM	192	0.0	18	0.0	1500	192	0	18	0.44	0	66.0	62.6	44.7	39.5	39.5
3-4 AM	276	0.0	26	0.0	1500	276	0	26	0.45	0	65.9	62.3	44.4	39.4	39.4
4-5 AM	507	0.0	49	0.0	1500	507	0	49	0.47	0	65.5	61.9	43.5	39.1	39.1
5-6 AM	843	0.0	81	0.0	1500	843	0	81	0.50	0	64.8	61.0	42.2	38.8	38.8
6-7 AM	921	0.0	88	0.0	1500	921	0	88	0.51	0	64.6	60.9	42.0	38.6	38.6
7-8 AM	906	0.0	87	0.0	1500	906	0	87	0.51	0	64.7	60.9	42.0	38.7	38.7
8-9 AM	812	0.0	78	0.0	1500	812	0	78	0.50	0	64.9	61.1	42.4	38.8	38.8
9-10 AM	816	0.0	78	0.0	1500	816	0	78	0.50	0	64.9	61.1	42.4	38.8	38.8
10-11 AM	847	0.0	81	0.0	1500	847	0	81	0.50	0	64.8	61.0	42.2	38.8	38.8
11A-NOON	881	0.0	85	0.0	1500	881	0	85	0.51	0	64.8	60.9	42.1	38.7	38.7
NOON-1PM	932	0.0	89	0.0	1500	932	0	89	0.51	0	64.6	60.9	41.9	38.6	38.6
1-2 PM	1020	0.0	97	0.0	1500	1020	0	97	0.52	0	64.5	60.6	41.6	38.6	38.6
2-3 PM	1060	0.0	101	0.0	1500	1060	0	101	0.52	0	64.4	60.5	41.5	38.5	38.5
3-4 PM	1130	0.0	109	0.0	1500	1130	0	109	0.55	0	64.3	60.2	40.8	38.4	38.4
4-5 PM	1142	0.0	110	0.0	1500	1142	0	110	0.56	0	64.3	60.2	40.4	38.4	38.4
5-6 PM	983	0.0	94	0.0	1500	983	0	94	0.52	0	64.6	60.7	41.7	38.6	38.6
6-7 PM	843	0.0	81	0.0	1500	843	0	81	0.50	0	64.8	61.0	42.2	38.8	38.8
7-8 PM	723	0.0	69	0.0	1500	723	0	69	0.49	0	65.0	61.3	42.7	38.9	38.9
8-9 PM	634	0.0	61	0.0	1500	634	0	61	0.48	0	65.2	61.5	43.0	39.0	39.0
9-10 PM	510	0.0	49	0.0	1500	510	0	49	0.47	0	65.5	61.8	43.5	39.1	39.1
10-11 PM	382	0.0	37	0.0	1500	382	0	37	0.46	0	65.7	62.1	44.0	39.3	39.3
11PM-MID	253	0.0	24	0.0	1500	253	0	24	0.45	0	65.9	62.4	44.5	39.4	39.4

----- 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	0.0238
MAIN ROUTE WITH WORKS	0.0227
DIVERSION	0.0244

PIA: Personal Injury Accidents

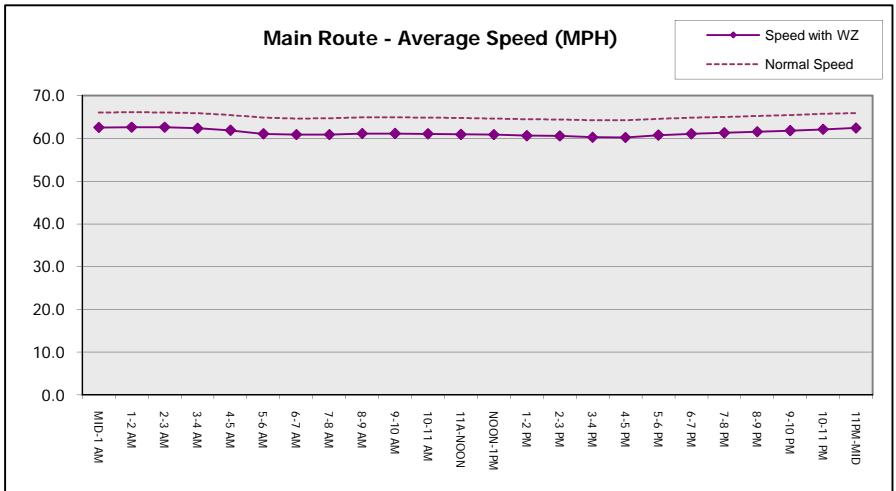
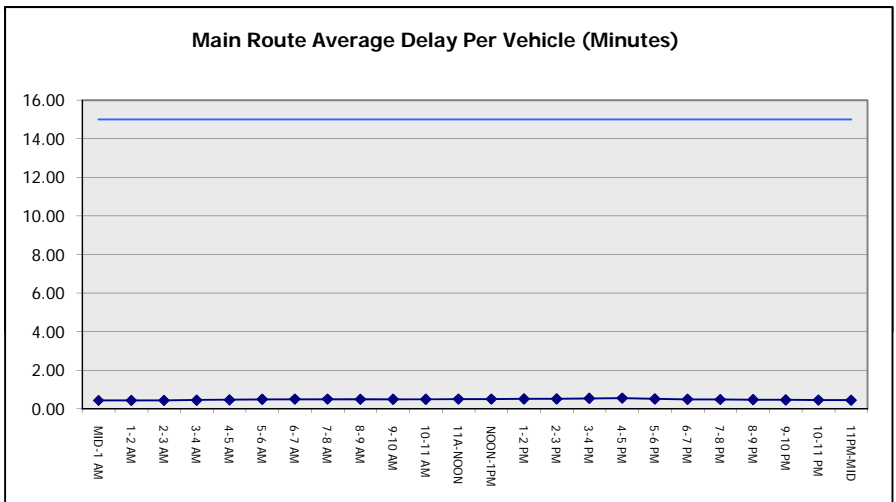
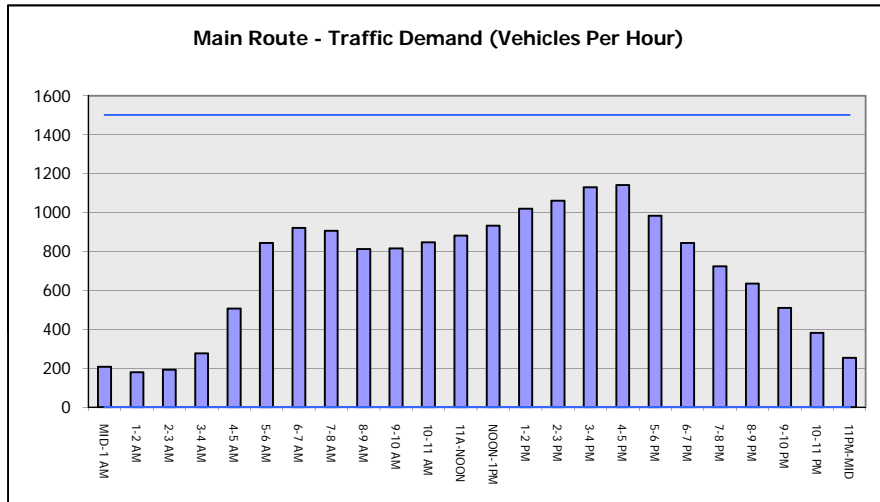
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,727
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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	MAY
	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	192	0.0	18	0.0	1500	192	0	18	0.44	0	66.0	62.6	44.7	39.5	39.5
1-2 AM	138	0.0	13	0.0	1500	138	0	13	0.44	0	66.1	62.7	45.0	39.6	39.6
2-3 AM	120	0.0	11	0.0	1500	120	0	11	0.43	0	66.1	62.7	45.0	39.6	39.6
3-4 AM	139	0.0	13	0.0	1500	139	0	13	0.44	0	66.1	62.7	45.0	39.6	39.6
4-5 AM	208	0.0	20	0.0	1500	208	0	20	0.44	0	66.0	62.5	44.6	39.5	39.5
5-6 AM	362	0.0	35	0.0	1500	362	0	35	0.46	0	65.7	62.2	44.0	39.3	39.3
6-7 AM	608	0.0	59	0.0	1500	608	0	59	0.48	0	65.3	61.6	43.1	39.0	39.0
7-8 AM	716	0.0	69	0.0	1500	716	0	69	0.49	0	65.1	61.4	42.7	38.9	38.9
8-9 AM	796	0.0	76	0.0	1500	796	0	76	0.50	0	64.9	61.2	42.4	38.8	38.8
9-10 AM	941	0.0	90	0.0	1500	941	0	90	0.51	0	64.6	60.8	41.9	38.6	38.6
10-11 AM	985	0.0	94	0.0	1500	985	0	94	0.52	0	64.5	60.7	41.7	38.6	38.6
11A-NOON	979	0.0	94	0.0	1500	979	0	94	0.52	0	64.6	60.7	41.7	38.6	38.6
NOON-1PM	990	0.0	95	0.0	1500	990	0	95	0.52	0	64.5	60.7	41.7	38.6	38.6
1-2 PM	1045	0.0	100	0.0	1500	1045	0	100	0.52	0	64.5	60.5	41.5	38.5	38.5
2-3 PM	1135	0.0	110	0.0	1500	1135	0	110	0.55	0	64.3	60.2	40.6	38.4	38.4
3-4 PM	1276	0.0	123	0.0	1500	1276	0	123	0.74	0	64.0	58.7	36.1	38.2	38.2
4-5 PM	1199	0.0	116	0.0	1500	1199	0	116	0.64	0	64.1	59.6	38.5	38.3	38.3
5-6 PM	1007	0.0	96	0.0	1500	1007	0	96	0.52	0	64.5	60.7	41.7	38.6	38.6
6-7 PM	877	0.0	84	0.0	1500	877	0	84	0.51	0	64.8	61.0	42.1	38.7	38.7
7-8 PM	727	0.0	70	0.0	1500	727	0	70	0.49	0	65.0	61.3	42.7	38.9	38.9
8-9 PM	568	0.0	55	0.0	1500	568	0	55	0.48	0	65.3	61.7	43.2	39.1	39.1
9-10 PM	487	0.0	47	0.0	1500	487	0	47	0.47	0	65.5	61.9	43.5	39.2	39.2
10-11 PM	390	0.0	38	0.0	1500	390	0	38	0.46	0	65.6	62.1	43.9	39.2	39.2
11PM-MID	248	0.0	24	0.0	1500	248	0	24	0.45	0	66.0	62.4	44.5	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	0.0226
MAIN ROUTE WITH WORKS	0.0215
DIVERSION	0.0232

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,722
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**

MAY
 Analyzed for 2009
 Construction Season

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

