

IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	275	0.0	37	0.0	1500	275	0	37	0.45	0	65.9	62.5	44.4	34.4	34.4
1-2 AM	178	0.0	24	0.0	1500	178	0	24	0.44	0	66.1	62.7	44.8	34.5	34.5
2-3 AM	136	0.0	18	0.0	1500	136	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
3-4 AM	98	0.0	14	0.0	1500	98	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	139	0.0	19	0.0	1500	139	0	19	0.44	0	66.1	62.8	44.9	34.6	34.6
5-6 AM	272	0.0	37	0.0	1500	272	0	37	0.45	0	65.9	62.5	44.4	34.4	34.4
6-7 AM	502	0.0	67	0.0	1500	502	0	67	0.47	0	65.5	62.0	43.5	34.0	34.0
7-8 AM	917	0.0	122	0.0	1500	917	0	122	0.51	0	64.7	61.0	42.0	33.4	33.4
8-9 AM	1377	0.0	183	0.0	OFF	1377	0	183	0.00	0	63.8	63.8	63.8	32.8	32.8
9-10 AM	1787	0.0	239	0.0	OFF	1787	0	239	0.00	0	63.0	63.0	63.0	32.2	32.2
10-11 AM	1940	0.0	258	0.0	OFF	1940	0	258	0.00	0	62.8	62.8	62.8	31.9	31.9
11A-NOON	1804	0.0	241	0.0	OFF	1804	0	241	0.00	0	63.0	63.0	63.0	32.2	32.2
NOON-1PM	1617	0.0	216	0.0	OFF	1617	0	216	0.00	0	63.4	63.4	63.4	32.4	32.4
1-2 PM	1499	0.0	200	0.0	OFF	1499	0	200	0.00	0	63.6	63.6	63.6	32.6	32.6
2-3 PM	1417	0.0	188	0.0	OFF	1417	0	188	0.00	0	63.7	63.7	63.7	32.7	32.7
3-4 PM	1353	0.0	180	0.0	OFF	1353	0	180	0.00	0	63.8	63.8	63.8	32.8	32.8
4-5 PM	1370	0.0	182	0.0	OFF	1370	0	182	0.00	0	63.8	63.8	63.8	32.8	32.8
5-6 PM	1199	0.0	160	0.0	OFF	1199	0	160	0.00	0	64.1	64.1	64.1	33.0	33.0
6-7 PM	1025	0.0	137	0.0	1500	1025	0	137	0.52	0	64.5	60.7	41.6	33.3	33.3
7-8 PM	876	0.0	116	0.0	1500	876	0	116	0.51	0	64.8	61.1	42.1	33.5	33.5
8-9 PM	806	0.0	108	0.0	1500	806	0	108	0.50	0	64.9	61.2	42.4	33.6	33.6
9-10 PM	780	0.0	104	0.0	1500	780	0	104	0.50	0	65.0	61.3	42.5	33.7	33.7
10-11 PM	718	0.0	95	0.0	1500	718	0	95	0.49	0	65.0	61.4	42.7	33.7	33.7
11PM-MID	486	0.0	65	0.0	1500	486	0	65	0.47	0	65.5	62.0	43.5	34.1	34.1

"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	0.0327
MAIN ROUTE WITH WORKS	0.0322
DIVERSION	0.0891

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$842
CONGESTED HOURS PER DAY*	0

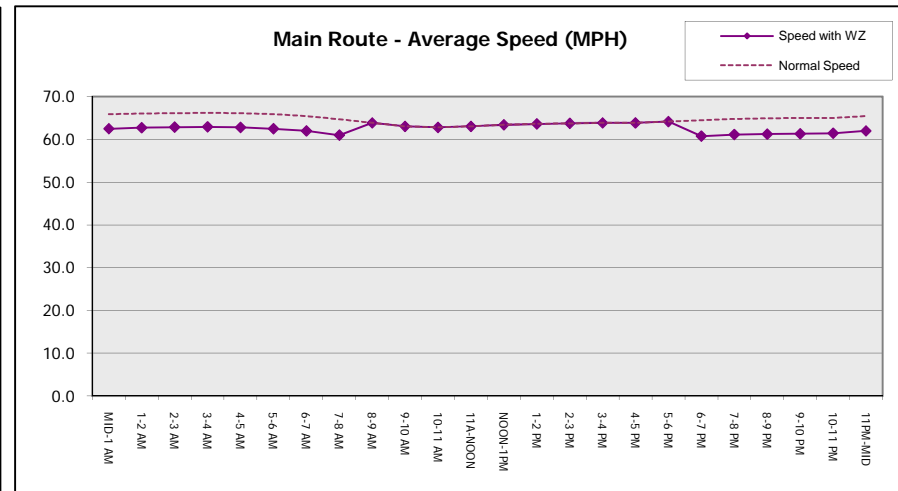
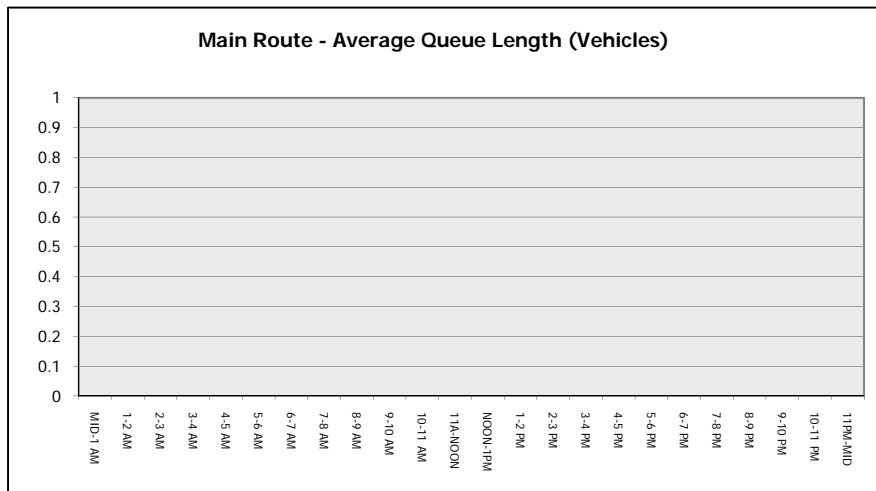
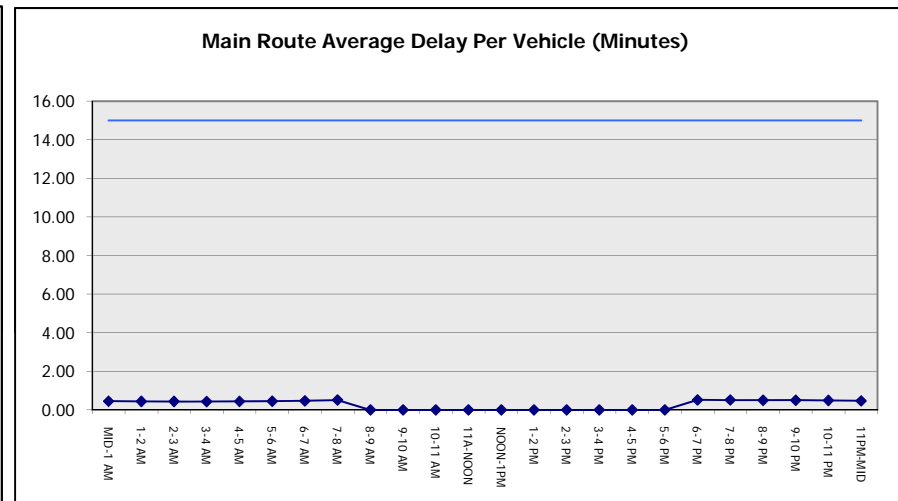
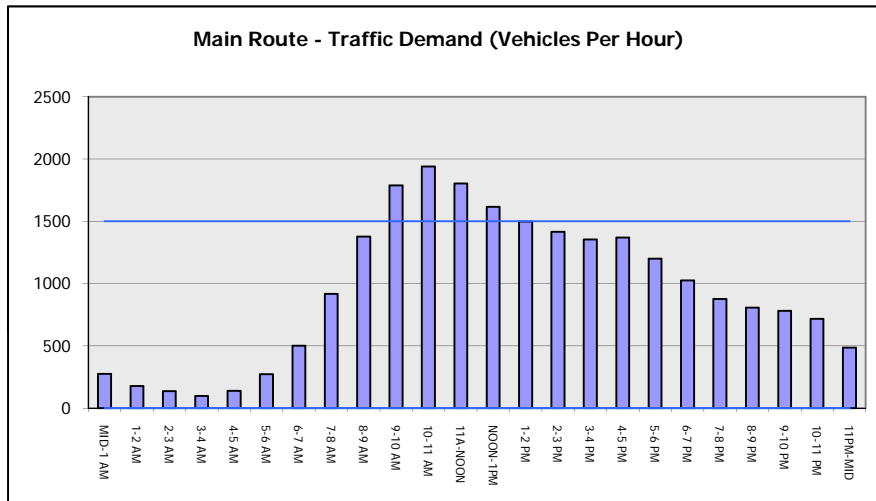
*Delays Exceeding 15 Minutes

IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)
NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY WESTBOUND DIRECTION



IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	248	0.0	33	0.0	1500	248	0	33	0.45	0	66.0	62.5	44.5	34.4	34.4
1-2 AM	127	0.0	17	0.0	1500	127	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
2-3 AM	113	0.0	15	0.0	1500	113	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
3-4 AM	108	0.0	15	0.0	1500	108	0	15	0.43	0	66.2	62.9	45.1	34.6	34.6
4-5 AM	143	0.0	19	0.0	1500	143	0	19	0.44	0	66.1	62.8	44.9	34.6	34.6
5-6 AM	206	0.0	27	0.0	1500	206	0	27	0.44	0	66.0	62.7	44.6	34.5	34.5
6-7 AM	318	0.0	43	0.0	1500	318	0	43	0.45	0	65.8	62.4	44.2	34.3	34.3
7-8 AM	509	0.0	68	0.0	1500	509	0	68	0.47	0	65.5	61.9	43.5	34.0	34.0
8-9 AM	764	0.0	102	0.0	OFF	764	0	102	0.00	0	65.0	65.0	65.0	33.7	33.7
9-10 AM	1038	0.0	138	0.0	OFF	1038	0	138	0.00	0	64.5	64.5	64.5	33.3	33.3
10-11 AM	1314	0.0	175	0.0	OFF	1314	0	175	0.00	0	64.0	64.0	64.0	32.9	32.9
11A-NOON	1503	0.0	200	0.0	OFF	1503	0	200	0.00	0	63.6	63.6	63.6	32.6	32.6
NOON-1PM	1653	0.0	220	0.0	OFF	1653	0	220	0.00	0	63.3	63.3	63.3	32.4	32.4
1-2 PM	1709	0.0	228	0.0	OFF	1709	0	228	0.00	0	63.2	63.2	63.2	32.3	32.3
2-3 PM	1671	0.0	223	0.0	OFF	1671	0	223	0.00	0	63.3	63.3	63.3	32.4	32.4
3-4 PM	1559	0.0	207	0.0	OFF	1559	0	207	0.00	0	63.5	63.5	63.5	32.5	32.5
4-5 PM	1698	0.0	226	0.0	OFF	1698	0	226	0.00	0	63.2	63.2	63.2	32.3	32.3
5-6 PM	1428	0.0	190	0.0	OFF	1428	0	190	0.00	0	63.7	63.7	63.7	32.7	32.7
6-7 PM	1157	0.0	154	0.0	1500	1157	0	154	0.58	0	64.2	60.1	39.9	33.1	33.1
7-8 PM	1024	0.0	136	0.0	1500	1024	0	136	0.52	0	64.5	60.7	41.6	33.3	33.3
8-9 PM	956	0.0	128	0.0	1500	956	0	128	0.51	0	64.6	60.9	41.9	33.3	33.3
9-10 PM	830	0.0	111	0.0	1500	830	0	111	0.50	0	64.8	61.2	42.3	33.5	33.5
10-11 PM	645	0.0	86	0.0	1500	645	0	86	0.48	0	65.2	61.6	43.0	33.8	33.8
11PM-MID	466	0.0	62	0.0	1500	466	0	62	0.47	0	65.5	62.0	43.7	34.1	34.1

"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	0.0307
MAIN ROUTE WITH WORKS	0.0302
DIVERSION	0.0835

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$815
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

