

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

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	221	0.0	29	0.0	1500	221	0	29	0.44	0	66.0	62.6	44.6	34.5	34.5
1-2 AM	113	0.0	15	0.0	1500	113	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
2-3 AM	80	0.0	10	0.0	1500	80	0	10	0.43	0	66.3	63.0	45.1	34.7	34.7
3-4 AM	64	0.0	8	0.0	1500	64	0	8	0.43	0	66.3	63.0	45.2	34.7	34.7
4-5 AM	84	0.0	12	0.0	1500	84	0	12	0.43	0	66.2	63.0	45.1	34.7	34.7
5-6 AM	116	0.0	16	0.0	1500	116	0	16	0.43	0	66.2	62.8	45.0	34.6	34.6
6-7 AM	200	0.0	26	0.0	1500	200	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5
7-8 AM	325	0.0	43	0.0	1500	325	0	43	0.45	0	65.8	62.3	44.2	34.3	34.3
8-9 AM	558	0.0	74	0.0	1500	558	0	74	0.48	0	65.3	61.8	43.3	34.0	34.0
9-10 AM	882	0.0	117	0.0	OFF	882	0	117	0.00	0	64.8	64.8	64.8	33.5	33.5
10-11 AM	1205	0.0	160	0.0	OFF	1205	0	160	0.00	0	64.1	64.1	64.1	33.0	33.0
11A-NOON	1372	0.0	183	0.0	OFF	1372	0	183	0.00	0	63.8	63.8	63.8	32.8	32.8
NOON-1PM	1390	0.0	185	0.0	OFF	1390	0	185	0.00	0	63.8	63.8	63.8	32.7	32.7
1-2 PM	1401	0.0	186	0.0	OFF	1401	0	186	0.00	0	63.8	63.8	63.8	32.7	32.7
2-3 PM	1359	0.0	181	0.0	OFF	1359	0	181	0.00	0	63.8	63.8	63.8	32.8	32.8
3-4 PM	1330	0.0	177	0.0	OFF	1330	0	177	0.00	0	63.9	63.9	63.9	32.9	32.9
4-5 PM	1402	0.0	187	0.0	OFF	1402	0	187	0.00	0	63.8	63.8	63.8	32.7	32.7
5-6 PM	1286	0.0	172	0.0	OFF	1286	0	172	0.00	0	64.0	64.0	64.0	32.9	32.9
6-7 PM	1059	0.0	141	0.0	OFF	1059	0	141	0.00	0	64.4	64.4	64.4	33.2	33.2
7-8 PM	894	0.0	119	0.0	1500	894	0	119	0.51	0	64.7	61.0	42.0	33.5	33.5
8-9 PM	691	0.0	92	0.0	1500	691	0	92	0.49	0	65.1	61.5	42.8	33.8	33.8
9-10 PM	479	0.0	64	0.0	1500	479	0	64	0.47	0	65.5	62.0	43.6	34.1	34.1
10-11 PM	331	0.0	44	0.0	1500	331	0	44	0.45	0	65.8	62.3	44.2	34.3	34.3
11PM-MID	206	0.0	27	0.0	1500	206	0	27	0.44	0	66.0	62.7	44.6	34.5	34.5

"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	0.0247
MAIN ROUTE WITH WORKS	0.0244
DIVERSION	0.0672

PIA: Personal Injury Accidents

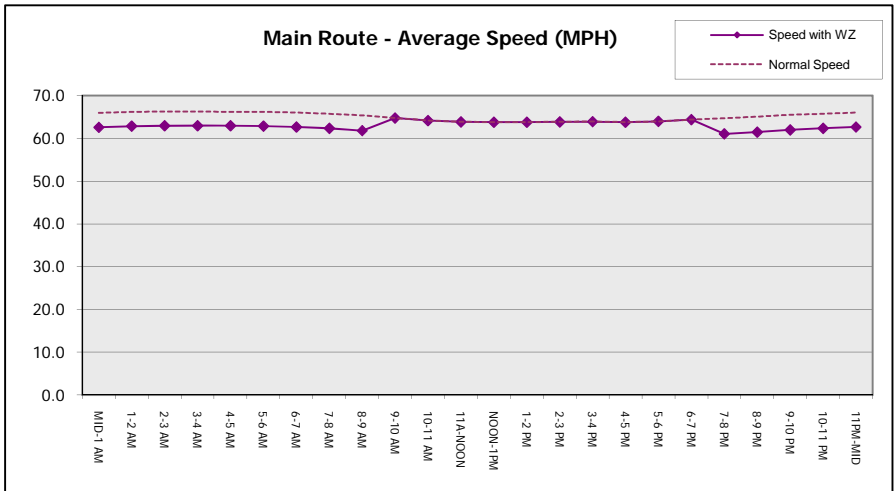
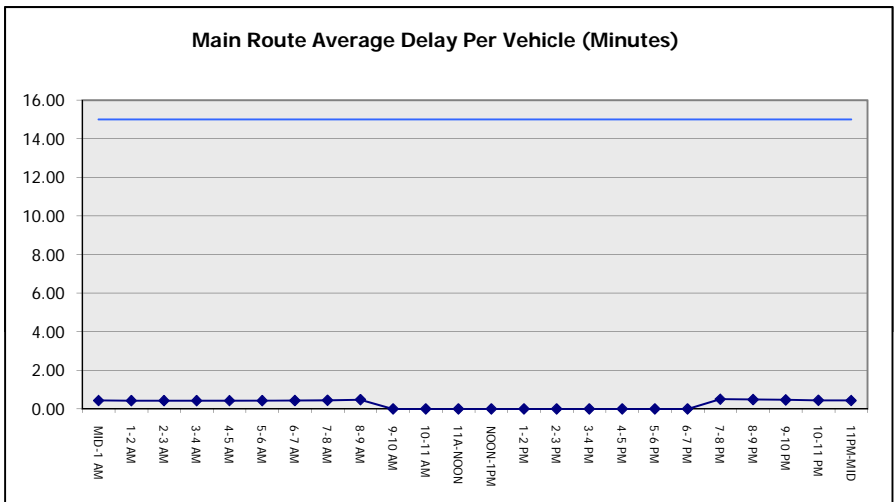
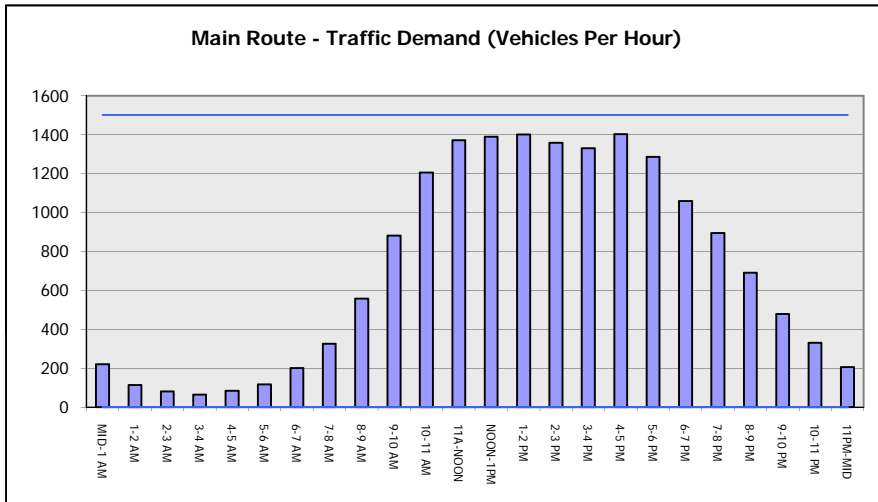
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$500
CONGESTED HOURS PER DAY*	0

*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

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY 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	OCTOBER
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SUMMARY OF TRAFFIC MODEL OUTPUT	
SUNDAY	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	195	0.0	26	0.0	1500	195	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5
1-2 AM	137	0.0	18	0.0	1500	137	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
2-3 AM	111	0.0	15	0.0	1500	111	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
3-4 AM	90	0.0	13	0.0	1500	90	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	81	0.0	10	0.0	1500	81	0	10	0.43	0	66.3	63.0	45.1	34.7	34.7
5-6 AM	109	0.0	15	0.0	1500	109	0	15	0.43	0	66.2	62.9	45.0	34.6	34.6
6-7 AM	152	0.0	20	0.0	1500	152	0	20	0.44	0	66.1	62.8	44.9	34.5	34.5
7-8 AM	236	0.0	31	0.0	1500	236	0	31	0.45	0	66.0	62.6	44.5	34.4	34.4
8-9 AM	479	0.0	64	0.0	1500	479	0	64	0.47	0	65.5	62.0	43.6	34.1	34.1
9-10 AM	793	0.0	106	0.0	OFF	793	0	106	0.00	0	64.9	64.9	64.9	33.6	33.6
10-11 AM	1255	0.0	168	0.0	OFF	1255	0	168	0.00	0	64.0	64.0	64.0	32.9	32.9
11A-NOON	1688	0.0	225	0.0	OFF	1688	0	225	0.00	0	63.2	63.2	63.2	32.3	32.3
NOON-1PM	1871	0.0	249	0.0	OFF	1871	0	249	0.00	0	62.9	62.9	62.9	32.0	32.0
1-2 PM	1913	0.0	254	0.0	OFF	1913	0	254	0.00	0	62.8	62.8	62.8	32.0	32.0
2-3 PM	1959	0.0	261	0.0	OFF	1959	0	261	0.00	0	62.7	62.7	62.7	31.9	31.9
3-4 PM	2139	0.0	285	0.0	OFF	2139	0	285	0.00	0	62.4	62.4	62.4	31.7	31.7
4-5 PM	2302	0.0	307	0.0	OFF	2302	0	307	0.00	0	62.1	62.1	62.1	31.4	31.4
5-6 PM	2460	0.0	328	0.0	OFF	2460	0	328	0.00	0	61.3	61.3	61.3	31.2	31.2
6-7 PM	1958	0.0	261	0.0	OFF	1958	0	261	0.00	0	62.7	62.7	62.7	31.9	31.9
7-8 PM	1549	0.0	206	0.0	1499	1549	0	206	2.76	47	63.5	48.1	30.8	32.5	32.5
8-9 PM	1221	0.0	162	0.0	1500	1221	0	162	0.88	6	64.1	58.1	37.7	33.0	33.0
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	484	0.0	65	0.0	1500	484	0	65	0.47	0	65.5	62.0	43.6	34.1	34.1
11PM-MID	252	0.0	34	0.0	1500	252	0	34	0.45	0	65.9	62.5	44.5	34.4	34.4

"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	0.0351
MAIN ROUTE WITH WORKS	0.0348
DIVERSION	0.0957

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,660
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89**

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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

