

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

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	162	0.0	22	0.0	1500	162	0	22	0.44	0	66.1	62.8	44.8	34.5	34.5
1-2 AM	119	0.0	16	0.0	1500	119	0	16	0.43	0	66.1	62.8	45.0	34.6	34.6
2-3 AM	112	0.0	15	0.0	1500	112	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
3-4 AM	102	0.0	14	0.0	1500	102	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	190	0.0	25	0.0	1500	190	0	25	0.44	0	66.0	62.7	44.7	34.5	34.5
5-6 AM	377	0.0	50	0.0	OFF	377	0	50	0.00	0	65.7	65.7	65.7	34.2	34.2
6-7 AM	843	0.0	112	0.0	OFF	843	0	112	0.00	0	64.8	64.8	64.8	33.5	33.5
7-8 AM	1200	0.0	160	0.0	OFF	1200	0	160	0.00	0	64.1	64.1	64.1	33.0	33.0
8-9 AM	1283	0.0	171	0.0	OFF	1283	0	171	0.00	0	64.0	64.0	64.0	32.9	32.9
9-10 AM	1377	0.0	183	0.0	OFF	1377	0	183	0.00	0	63.8	63.8	63.8	32.8	32.8
10-11 AM	1429	0.0	191	0.0	OFF	1429	0	191	0.00	0	63.7	63.7	63.7	32.7	32.7
11A-NOON	1458	0.0	195	0.0	OFF	1458	0	195	0.00	0	63.7	63.7	63.7	32.7	32.7
NOON-1PM	1504	0.0	200	0.0	OFF	1504	0	200	0.00	0	63.6	63.6	63.6	32.6	32.6
1-2 PM	1682	0.0	224	0.0	OFF	1682	0	224	0.00	0	63.3	63.3	63.3	32.3	32.3
2-3 PM	1783	0.0	238	0.0	OFF	1783	0	238	0.00	0	63.1	63.1	63.1	32.2	32.2
3-4 PM	1971	0.0	263	0.0	OFF	1971	0	263	0.00	0	62.7	62.7	62.7	31.9	31.9
4-5 PM	2134	0.0	285	0.0	OFF	2134	0	285	0.00	0	62.4	62.4	62.4	31.7	31.7
5-6 PM	2023	0.0	270	0.0	OFF	2023	0	270	0.00	0	62.6	62.6	62.6	31.8	31.8
6-7 PM	2173	0.0	290	0.0	OFF	2173	0	290	0.00	0	62.3	62.3	62.3	31.6	31.6
7-8 PM	1410	0.0	187	0.0	1499	1410	0	187	1.29	12	63.8	55.4	33.8	32.7	32.7
8-9 PM	836	0.0	111	0.0	1500	836	0	111	0.50	0	64.8	61.2	42.3	33.5	33.5
9-10 PM	652	0.0	87	0.0	1500	652	0	87	0.49	0	65.1	61.6	42.9	33.8	33.8
10-11 PM	523	0.0	70	0.0	1500	523	0	70	0.47	0	65.4	61.9	43.4	34.0	34.0
11PM-MID	363	0.0	48	0.0	1500	363	0	48	0.46	0	65.7	62.3	44.0	34.2	34.2

"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	0.0372
MAIN ROUTE WITH WORKS	0.0369
DIVERSION	0.1014

PIA: Personal Injury Accidents

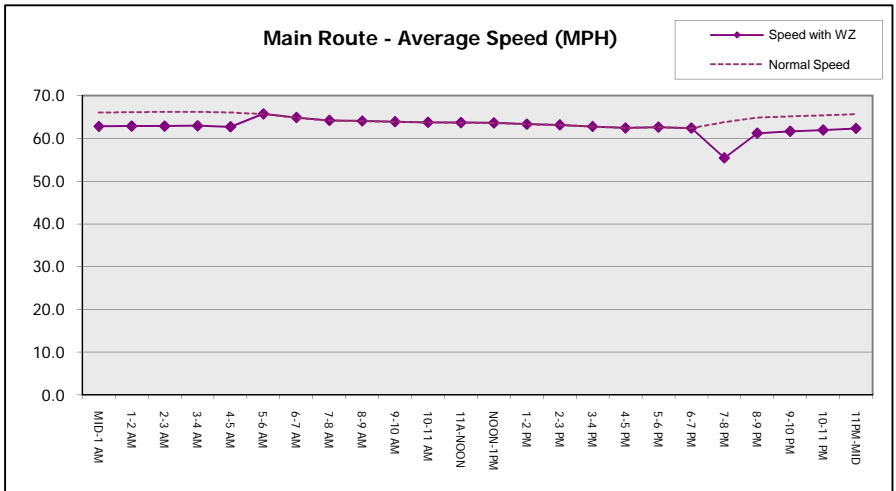
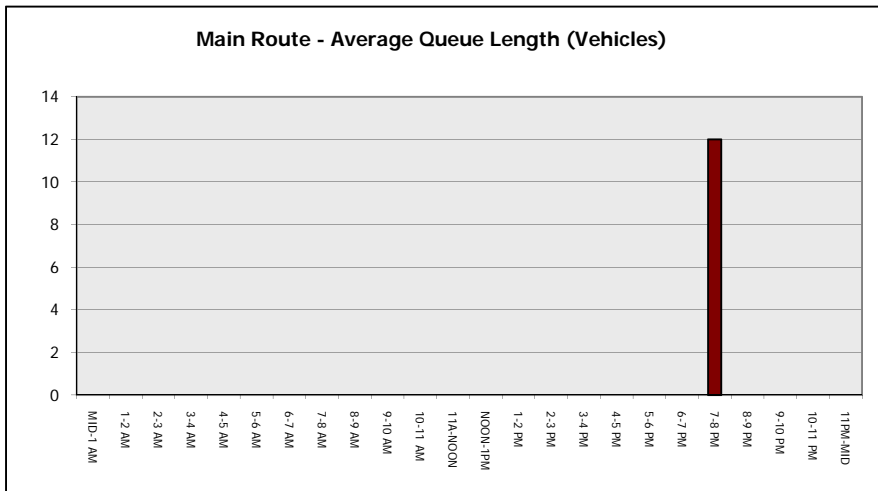
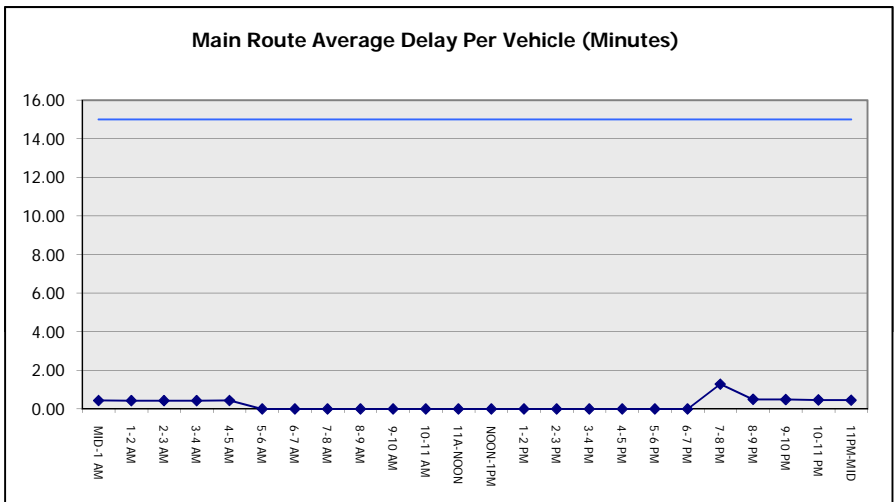
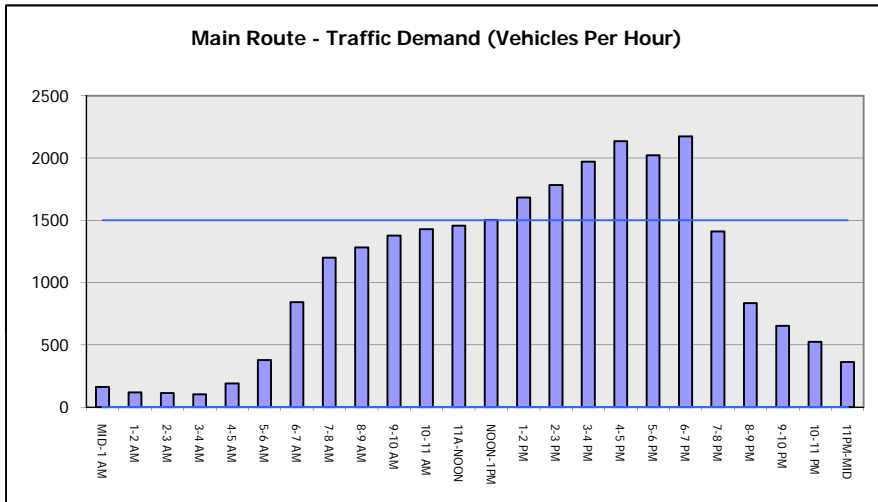
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$673
CONGESTED HOURS PER DAY*	0

*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
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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	
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	130	0.0	18	0.0	1500	130	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
1-2 AM	100	0.0	14	0.0	1500	100	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
2-3 AM	87	0.0	12	0.0	1500	87	0	12	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	127	0.0	17	0.0	1500	127	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	205	0.0	27	0.0	1500	205	0	27	0.44	0	66.0	62.7	44.6	34.5	34.5
5-6 AM	447	0.0	60	0.0	OFF	447	0	60	0.00	0	65.6	65.6	65.6	34.1	34.1
6-7 AM	787	0.0	105	0.0	OFF	787	0	105	0.00	0	64.9	64.9	64.9	33.7	33.7
7-8 AM	1006	0.0	134	0.0	OFF	1006	0	134	0.00	0	64.5	64.5	64.5	33.3	33.3
8-9 AM	873	0.0	116	0.0	OFF	873	0	116	0.00	0	64.8	64.8	64.8	33.5	33.5
9-10 AM	836	0.0	111	0.0	OFF	836	0	111	0.00	0	64.8	64.8	64.8	33.5	33.5
10-11 AM	900	0.0	120	0.0	OFF	900	0	120	0.00	0	64.7	64.7	64.7	33.5	33.5
11A-NOON	1008	0.0	134	0.0	OFF	1008	0	134	0.00	0	64.5	64.5	64.5	33.3	33.3
NOON-1PM	1131	0.0	151	0.0	OFF	1131	0	151	0.00	0	64.3	64.3	64.3	33.1	33.1
1-2 PM	1317	0.0	176	0.0	OFF	1317	0	176	0.00	0	63.9	63.9	63.9	32.9	32.9
2-3 PM	1547	0.0	206	0.0	OFF	1547	0	206	0.00	0	63.5	63.5	63.5	32.5	32.5
3-4 PM	1703	0.0	227	0.0	OFF	1703	0	227	0.00	0	63.2	63.2	63.2	32.3	32.3
4-5 PM	1826	0.0	243	0.0	OFF	1826	0	243	0.00	0	63.0	63.0	63.0	32.1	32.1
5-6 PM	1697	0.0	226	0.0	OFF	1697	0	226	0.00	0	63.2	63.2	63.2	32.3	32.3
6-7 PM	1318	0.0	176	0.0	OFF	1318	0	176	0.00	0	63.9	63.9	63.9	32.9	32.9
7-8 PM	979	0.0	131	0.0	1500	979	0	131	0.52	0	64.6	60.9	41.7	33.3	33.3
8-9 PM	734	0.0	97	0.0	1500	734	0	97	0.49	0	65.0	61.4	42.7	33.7	33.7
9-10 PM	493	0.0	66	0.0	1500	493	0	66	0.47	0	65.5	62.0	43.5	34.0	34.0
10-11 PM	546	0.0	73	0.0	1500	546	0	73	0.48	0	65.4	61.9	43.3	34.0	34.0
11PM-MID	442	0.0	59	0.0	1500	442	0	59	0.47	0	65.6	62.1	43.7	34.2	34.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0293
MAIN ROUTE WITH WORKS	0.0291
DIVERSION	0.0799

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$381
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

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

