

IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	MAY
	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	167	0.0	22	0.0	1500	167	0	22	0.44	0	66.1	62.7	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	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	125	0.0	17	0.0	1500	125	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	199	0.0	26	0.0	1500	199	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5
5-6 AM	493	0.0	66	0.0	OFF	493	0	66	0.00	0	65.5	65.5	65.5	34.0	34.0
6-7 AM	923	0.0	122	0.0	OFF	923	0	122	0.00	0	64.6	64.6	64.6	33.4	33.4
7-8 AM	1230	0.0	164	0.0	OFF	1230	0	164	0.00	0	64.1	64.1	64.1	33.0	33.0
8-9 AM	1249	0.0	166	0.0	OFF	1249	0	166	0.00	0	64.1	64.1	64.1	33.0	33.0
9-10 AM	1356	0.0	181	0.0	OFF	1356	0	181	0.00	0	63.8	63.8	63.8	32.8	32.8
10-11 AM	1303	0.0	174	0.0	OFF	1303	0	174	0.00	0	64.0	64.0	64.0	32.9	32.9
11A-NOON	1425	0.0	189	0.0	OFF	1425	0	189	0.00	0	63.7	63.7	63.7	32.7	32.7
NOON-1PM	1446	0.0	193	0.0	OFF	1446	0	193	0.00	0	63.7	63.7	63.7	32.7	32.7
1-2 PM	1581	0.0	210	0.0	OFF	1581	0	210	0.00	0	63.5	63.5	63.5	32.5	32.5
2-3 PM	1731	0.0	230	0.0	OFF	1731	0	230	0.00	0	63.2	63.2	63.2	32.2	32.2
3-4 PM	1886	0.0	251	0.0	OFF	1886	0	251	0.00	0	62.8	62.8	62.8	32.0	32.0
4-5 PM	2111	0.0	282	0.0	OFF	2111	0	282	0.00	0	62.5	62.5	62.5	31.7	31.7
5-6 PM	2086	0.0	278	0.0	OFF	2086	0	278	0.00	0	62.5	62.5	62.5	31.7	31.7
6-7 PM	1658	0.0	221	0.0	OFF	1658	0	221	0.00	0	63.3	63.3	63.3	32.4	32.4
7-8 PM	1050	0.0	140	0.0	1500	1050	0	140	0.52	0	64.5	60.7	41.5	33.2	33.2
8-9 PM	754	0.0	100	0.0	1500	754	0	100	0.50	0	65.0	61.4	42.5	33.7	33.7
9-10 PM	612	0.0	82	0.0	1500	612	0	82	0.48	0	65.3	61.7	43.1	33.9	33.9
10-11 PM	621	0.0	83	0.0	1500	621	0	83	0.48	0	65.2	61.7	43.0	33.8	33.8
11PM-MID	368	0.0	49	0.0	1500	368	0	49	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	0.0356
MAIN ROUTE WITH WORKS	0.0354
DIVERSION	0.0970

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$429
CONGESTED HOURS PER DAY*	0

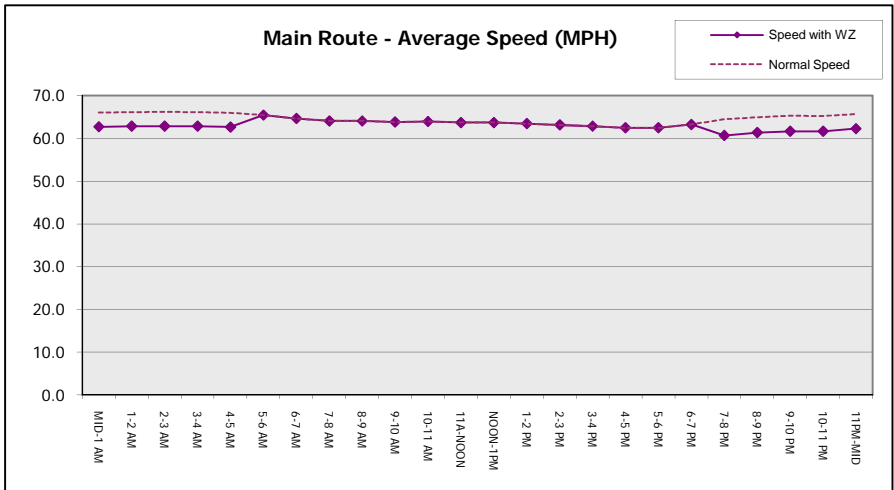
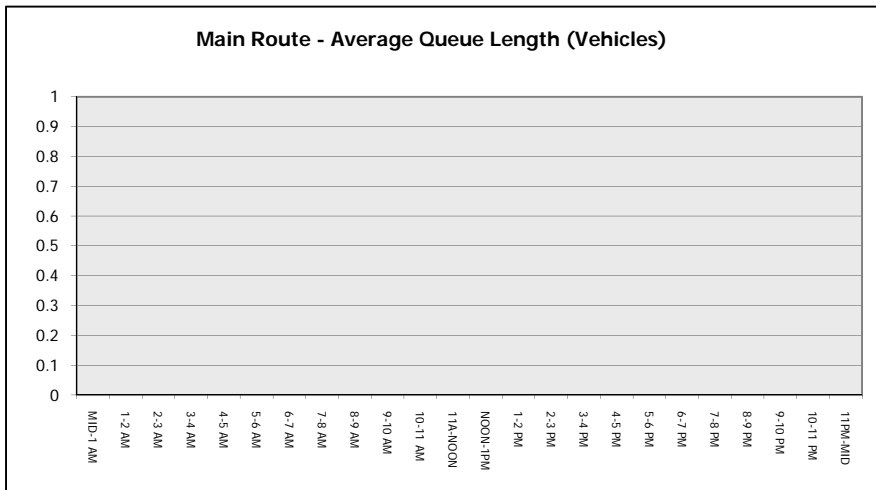
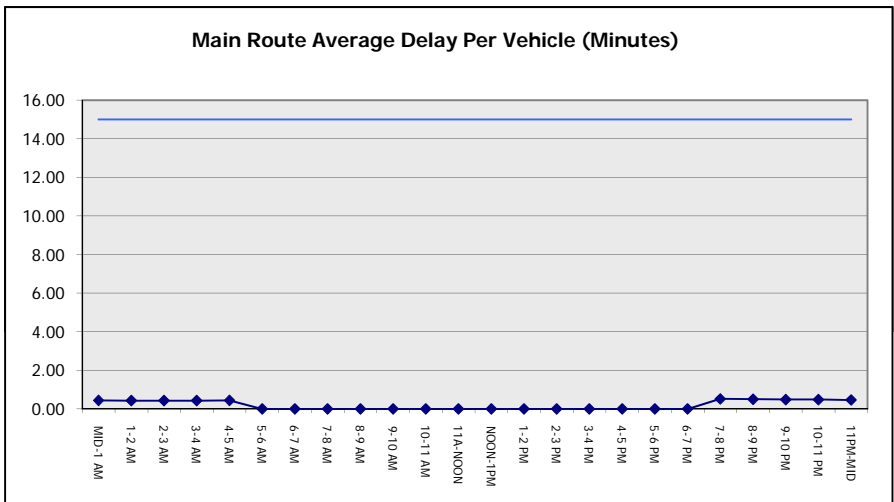
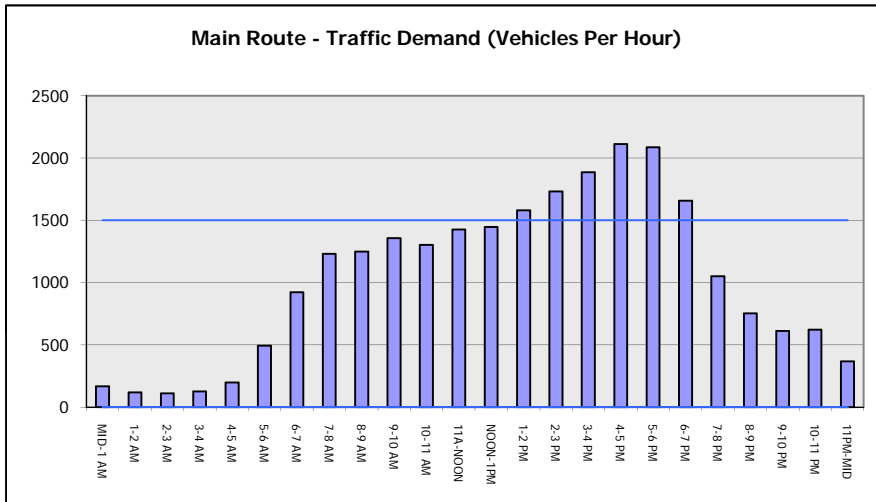
*Delays Exceeding 15 Minutes

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

MAY
 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	MAY
	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	129	0.0	17	0.0	1500	129	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
1-2 AM	116	0.0	16	0.0	1500	116	0	16	0.43	0	66.2	62.8	45.0	34.6	34.6
2-3 AM	108	0.0	15	0.0	1500	108	0	15	0.43	0	66.2	62.9	45.1	34.6	34.6
3-4 AM	136	0.0	18	0.0	1500	136	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	268	0.0	36	0.0	1500	268	0	36	0.45	0	65.9	62.5	44.4	34.4	34.4
5-6 AM	533	0.0	71	0.0	OFF	533	0	71	0.00	0	65.4	65.4	65.4	34.0	34.0
6-7 AM	825	0.0	110	0.0	OFF	825	0	110	0.00	0	64.8	64.8	64.8	33.6	33.6
7-8 AM	988	0.0	132	0.0	OFF	988	0	132	0.00	0	64.5	64.5	64.5	33.3	33.3
8-9 AM	872	0.0	116	0.0	OFF	872	0	116	0.00	0	64.8	64.8	64.8	33.5	33.5
9-10 AM	859	0.0	114	0.0	OFF	859	0	114	0.00	0	64.8	64.8	64.8	33.5	33.5
10-11 AM	880	0.0	117	0.0	OFF	880	0	117	0.00	0	64.8	64.8	64.8	33.5	33.5
11A-NOON	982	0.0	131	0.0	OFF	982	0	131	0.00	0	64.6	64.6	64.6	33.3	33.3
NOON-1PM	1178	0.0	157	0.0	OFF	1178	0	157	0.00	0	64.2	64.2	64.2	33.0	33.0
1-2 PM	1290	0.0	172	0.0	OFF	1290	0	172	0.00	0	64.0	64.0	64.0	32.9	32.9
2-3 PM	1446	0.0	193	0.0	OFF	1446	0	193	0.00	0	63.7	63.7	63.7	32.7	32.7
3-4 PM	1623	0.0	217	0.0	OFF	1623	0	217	0.00	0	63.3	63.3	63.3	32.4	32.4
4-5 PM	1770	0.0	235	0.0	OFF	1770	0	235	0.00	0	63.1	63.1	63.1	32.2	32.2
5-6 PM	1608	0.0	215	0.0	OFF	1608	0	215	0.00	0	63.4	63.4	63.4	32.4	32.4
6-7 PM	1149	0.0	153	0.0	OFF	1149	0	153	0.00	0	64.3	64.3	64.3	33.1	33.1
7-8 PM	904	0.0	120	0.0	1500	904	0	120	0.51	0	64.7	61.0	42.0	33.5	33.5
8-9 PM	799	0.0	107	0.0	1500	799	0	107	0.50	0	64.9	61.2	42.4	33.6	33.6
9-10 PM	645	0.0	86	0.0	1500	645	0	86	0.48	0	65.2	61.6	43.0	33.8	33.8
10-11 PM	498	0.0	66	0.0	1500	498	0	66	0.47	0	65.5	62.0	43.5	34.0	34.0
11PM-MID	305	0.0	41	0.0	1500	305	0	41	0.45	0	65.8	62.4	44.3	34.3	34.3

"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	0.0288
MAIN ROUTE WITH WORKS	0.0286
DIVERSION	0.0785

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$402
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

