

<b>IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>DIVERSION ROUTE: IH 39 - USH 12 - STH 73</b>	<b>AUGUST</b>
	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	358	0.0	78	0.0	1500	358	0	78	0.46	0	65.7	62.6	44.0	43.6	43.6
1-2 AM	231	0.0	50	0.0	1500	231	0	50	0.44	0	66.0	62.9	44.6	44.0	44.0
2-3 AM	177	0.0	39	0.0	1500	177	0	39	0.44	0	66.1	63.0	44.8	44.2	44.2
3-4 AM	129	0.0	28	0.0	1500	129	0	28	0.43	0	66.1	63.2	45.0	44.3	44.3
4-5 AM	181	0.0	40	0.0	1500	181	0	40	0.44	0	66.1	63.0	44.8	44.2	44.2
5-6 AM	355	0.0	77	0.0	1500	355	0	77	0.46	0	65.7	62.6	44.1	43.6	43.6
6-7 AM	655	0.0	142	0.0	1500	655	0	142	0.49	0	65.1	61.9	42.9	42.7	42.7
7-8 AM	1193	0.0	261	0.0	1499	1193	0	261	0.66	0	64.1	59.9	38.0	41.0	41.0
8-9 AM	1794	0.0	391	0.0	OFF	1794	0	391	0.00	0	63.0	63.0	63.0	39.1	39.1
9-10 AM	2327	0.0	507	0.0	OFF	2327	0	507	0.00	0	62.0	62.0	62.0	37.5	37.5
10-11 AM	2525	0.0	550	0.0	OFF	2525	0	550	0.00	0	60.6	60.6	60.6	36.9	36.9
11A-NOON	2348	0.0	512	0.0	OFF	2348	0	512	0.00	0	62.0	62.0	62.0	37.4	37.4
NOON-1PM	2104	0.0	459	0.0	OFF	2104	0	459	0.00	0	62.5	62.5	62.5	38.2	38.2
1-2 PM	1953	0.0	426	0.0	OFF	1953	0	426	0.00	0	62.7	62.7	62.7	38.6	38.6
2-3 PM	1845	0.0	403	0.0	OFF	1845	0	403	0.00	0	63.0	63.0	63.0	39.0	39.0
3-4 PM	1761	0.0	384	0.0	OFF	1761	0	384	0.00	0	63.1	63.1	63.1	39.2	39.2
4-5 PM	1783	0.0	389	0.0	OFF	1783	0	389	0.00	0	63.1	63.1	63.1	39.2	39.2
5-6 PM	1561	0.0	340	0.0	OFF	1561	0	340	0.00	0	63.5	63.5	63.5	39.9	39.9
6-7 PM	1335	0.0	291	0.0	1500	1335	0	291	0.81	0	63.9	58.9	34.6	40.6	40.6
7-8 PM	1140	0.0	249	0.0	1500	1140	0	249	0.56	0	64.3	60.7	40.5	41.2	41.2
8-9 PM	1048	0.0	229	0.0	1500	1048	0	229	0.52	0	64.5	61.0	41.5	41.4	41.4
9-10 PM	1014	0.0	221	0.0	1500	1014	0	221	0.52	0	64.5	61.1	41.6	41.5	41.5
10-11 PM	934	0.0	204	0.0	1500	934	0	204	0.51	0	64.6	61.3	41.9	41.8	41.8
11PM-MID	632	0.0	138	0.0	1500	632	0	138	0.48	0	65.2	62.0	43.0	42.7	42.7

"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	0.0472
MAIN ROUTE WITH WORKS	0.0466
DIVERSION	0.0487

PIA: Personal Injury Accidents

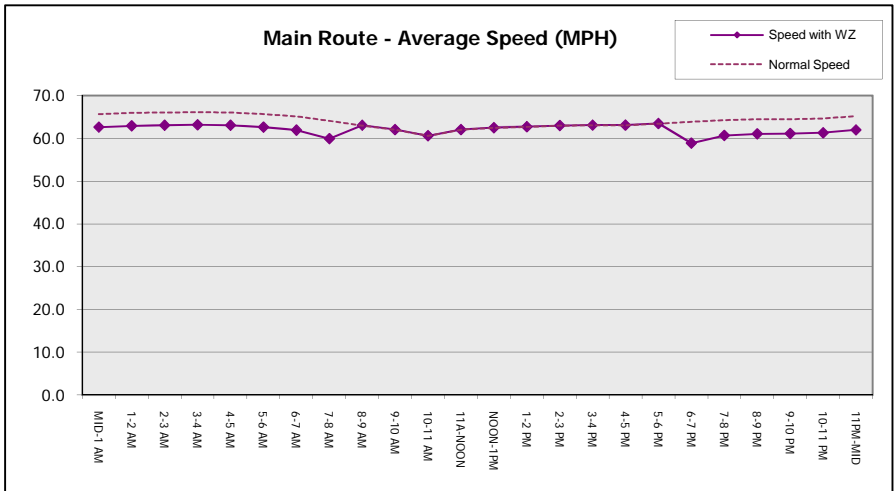
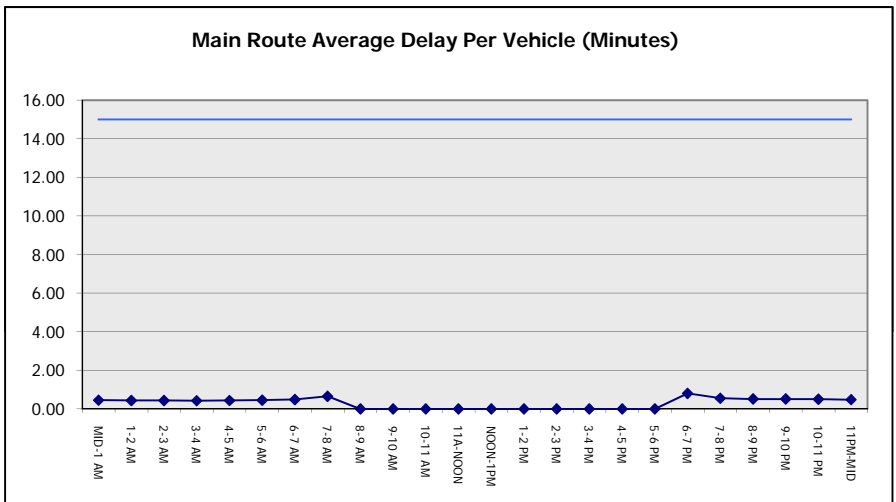
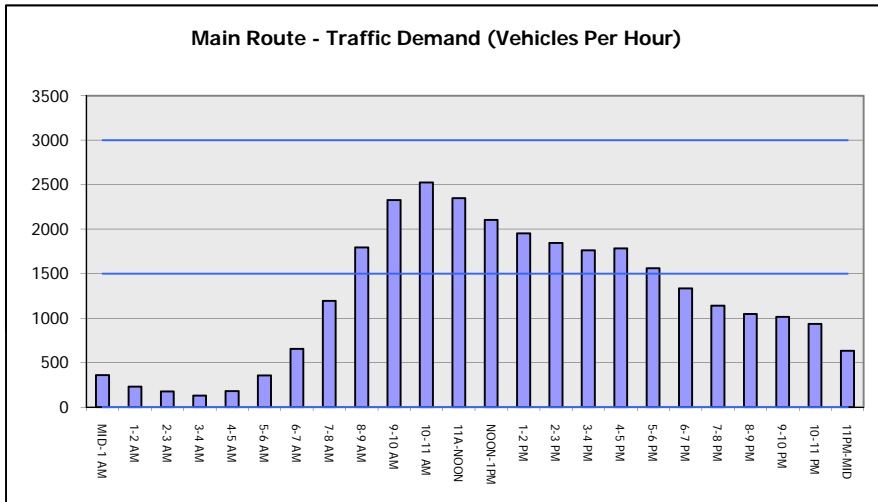
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,278
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)  
 NIGHTTIME CLOSURE  
 DIVERSION ROUTE: IH 39 - USH 12 - STH 73**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>DIVERSION ROUTE: IH 39 - USH 12 - STH 73</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**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	323	0.0	70	0.0	1500	323	0	70	0.45	0	65.8	62.7	44.2	43.7	43.7
1-2 AM	164	0.0	36	0.0	1500	164	0	36	0.44	0	66.1	63.0	44.8	44.2	44.2
2-3 AM	146	0.0	32	0.0	1500	146	0	32	0.44	0	66.1	63.1	44.9	44.3	44.3
3-4 AM	140	0.0	30	0.0	1500	140	0	30	0.44	0	66.1	63.1	44.9	44.3	44.3
4-5 AM	187	0.0	41	0.0	1500	187	0	41	0.44	0	66.0	63.0	44.7	44.2	44.2
5-6 AM	269	0.0	59	0.0	1500	269	0	59	0.45	0	65.9	62.8	44.4	43.9	43.9
6-7 AM	414	0.0	90	0.0	1500	414	0	90	0.46	0	65.6	62.5	43.8	43.4	43.4
7-8 AM	661	0.0	144	0.0	1500	661	0	144	0.49	0	65.1	61.9	42.9	42.7	42.7
8-9 AM	994	0.0	217	0.0	OFF	994	0	217	0.00	0	64.5	64.5	64.5	41.6	41.6
9-10 AM	1351	0.0	295	0.0	OFF	1351	0	295	0.00	0	63.8	63.8	63.8	40.5	40.5
10-11 AM	1711	0.0	373	0.0	OFF	1711	0	373	0.00	0	63.2	63.2	63.2	39.4	39.4
11A-NOON	1956	0.0	427	0.0	OFF	1956	0	427	0.00	0	62.7	62.7	62.7	38.6	38.6
NOON-1PM	2152	0.0	470	0.0	OFF	2152	0	470	0.00	0	62.3	62.3	62.3	38.0	38.0
1-2 PM	2225	0.0	485	0.0	OFF	2225	0	485	0.00	0	62.2	62.2	62.2	37.8	37.8
2-3 PM	2175	0.0	474	0.0	OFF	2175	0	474	0.00	0	62.3	62.3	62.3	37.9	37.9
3-4 PM	2030	0.0	443	0.0	OFF	2030	0	443	0.00	0	62.6	62.6	62.6	38.4	38.4
4-5 PM	2210	0.0	482	0.0	OFF	2210	0	482	0.00	0	62.3	62.3	62.3	37.8	37.8
5-6 PM	1860	0.0	406	0.0	OFF	1860	0	406	0.00	0	62.9	62.9	62.9	38.9	38.9
6-7 PM	1507	0.0	329	0.0	1499	1507	0	329	1.74	19	63.6	53.7	31.1	40.1	40.1
7-8 PM	1333	0.0	291	0.0	1500	1333	0	291	0.82	0	63.9	58.8	34.7	40.6	40.6
8-9 PM	1246	0.0	272	0.0	1500	1246	0	272	0.70	0	64.1	59.7	37.0	40.9	40.9
9-10 PM	1080	0.0	235	0.0	1500	1080	0	235	0.53	0	64.4	61.0	41.4	41.4	41.4
10-11 PM	840	0.0	183	0.0	1500	840	0	183	0.50	0	64.8	61.5	42.2	42.1	42.1
11PM-MID	606	0.0	132	0.0	1500	606	0	132	0.48	0	65.3	62.0	43.1	42.8	42.8

"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	0.0443
MAIN ROUTE WITH WORKS	0.0437
DIVERSION	0.0457

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,665
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)  
NIGHTTIME CLOSURE  
DIVERSION ROUTE: IH 39 - USH 12 - STH 73**

**AUGUST**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

