

<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>MAY</b>
	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	219	0.0	48	0.0	1500	219	0	48	0.44	0	66.0	62.9	44.6	44.0	44.0
1-2 AM	156	0.0	35	0.0	1500	156	0	35	0.44	0	66.1	63.1	44.8	44.2	44.2
2-3 AM	144	0.0	31	0.0	1500	144	0	31	0.44	0	66.1	63.1	44.9	44.3	44.3
3-4 AM	162	0.0	36	0.0	1500	162	0	36	0.44	0	66.1	63.1	44.8	44.2	44.2
4-5 AM	258	0.0	57	0.0	1500	258	0	57	0.45	0	65.9	62.8	44.5	43.9	43.9
5-6 AM	641	0.0	140	0.0	OFF	641	0	140	0.00	0	65.2	65.2	65.2	42.7	42.7
6-7 AM	1201	0.0	262	0.0	OFF	1201	0	262	0.00	0	64.1	64.1	64.1	41.0	41.0
7-8 AM	1600	0.0	349	0.0	OFF	1600	0	349	0.00	0	63.4	63.4	63.4	39.7	39.7
8-9 AM	1627	0.0	355	0.0	OFF	1627	0	355	0.00	0	63.3	63.3	63.3	39.7	39.7
9-10 AM	1765	0.0	385	0.0	OFF	1765	0	385	0.00	0	63.1	63.1	63.1	39.2	39.2
10-11 AM	1696	0.0	370	0.0	OFF	1696	0	370	0.00	0	63.2	63.2	63.2	39.4	39.4
11A-NOON	1855	0.0	405	0.0	OFF	1855	0	405	0.00	0	62.9	62.9	62.9	38.9	38.9
NOON-1PM	1883	0.0	411	0.0	OFF	1883	0	411	0.00	0	62.8	62.8	62.8	38.9	38.9
1-2 PM	2058	0.0	449	0.0	OFF	2058	0	449	0.00	0	62.5	62.5	62.5	38.3	38.3
2-3 PM	2254	0.0	492	0.0	OFF	2254	0	492	0.00	0	62.2	62.2	62.2	37.7	37.7
3-4 PM	2456	0.0	536	0.0	OFF	2456	0	536	0.00	0	61.4	61.4	61.4	37.1	37.1
4-5 PM	2748	0.0	600	0.0	OFF	2748	0	600	0.00	0	58.4	58.4	58.4	36.1	36.1
5-6 PM	2715	0.0	592	0.0	OFF	2715	0	592	0.00	0	58.7	58.7	58.7	36.3	36.3
6-7 PM	2158	0.0	471	0.0	OFF	2158	0	471	0.00	0	62.3	62.3	62.3	38.0	38.0
7-8 PM	1367	0.0	298	0.0	1499	1367	0	298	0.90	1	63.8	58.3	34.3	40.5	40.5
8-9 PM	982	0.0	215	0.0	1500	982	0	215	0.52	0	64.6	61.2	41.7	41.7	41.7
9-10 PM	797	0.0	174	0.0	1500	797	0	174	0.50	0	64.9	61.6	42.4	42.2	42.2
10-11 PM	807	0.0	176	0.0	1500	807	0	176	0.50	0	64.9	61.6	42.4	42.2	42.2
11PM-MID	479	0.0	105	0.0	1500	479	0	105	0.47	0	65.5	62.3	43.6	43.2	43.2

"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	0.0515
MAIN ROUTE WITH WORKS	0.0511
DIVERSION	0.0531

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$681
CONGESTED HOURS PER DAY*	0

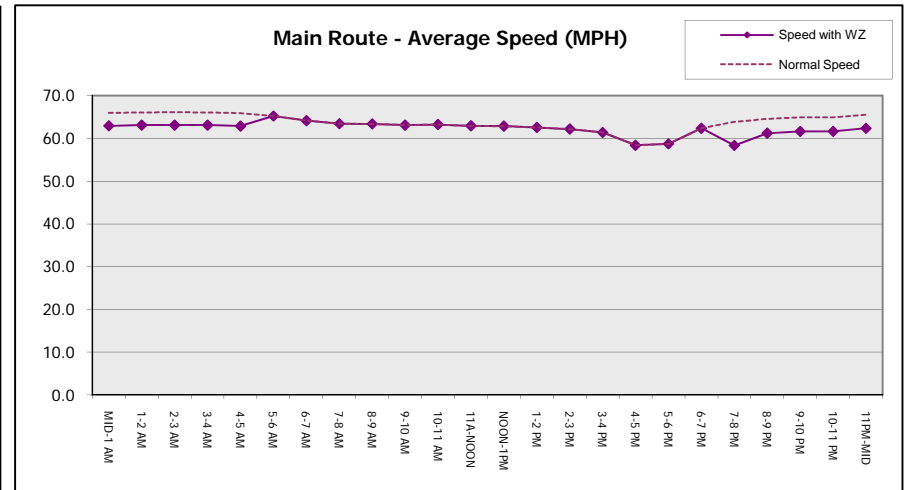
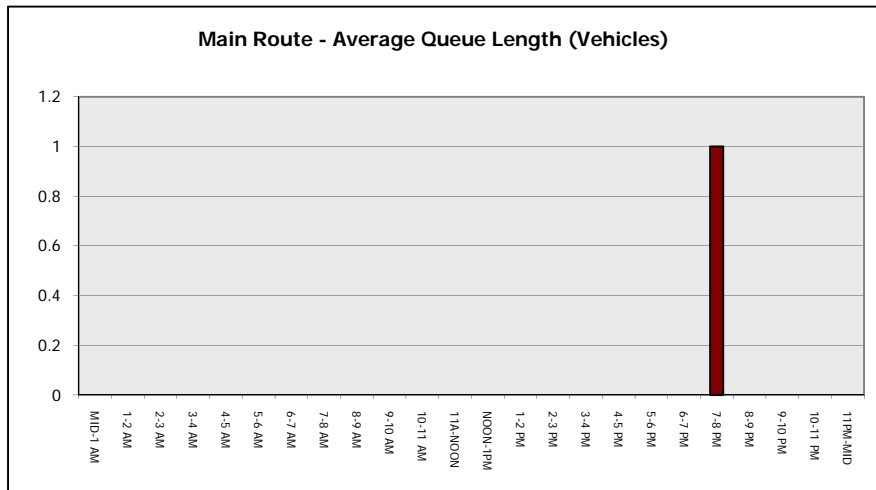
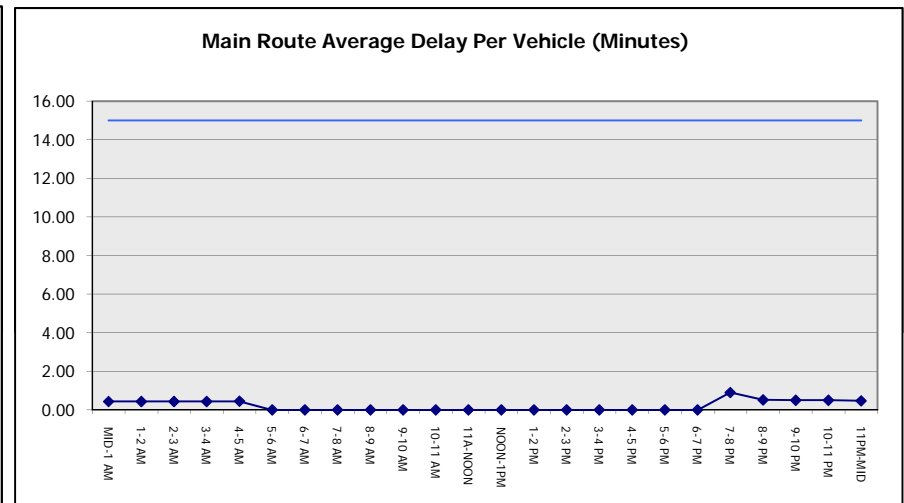
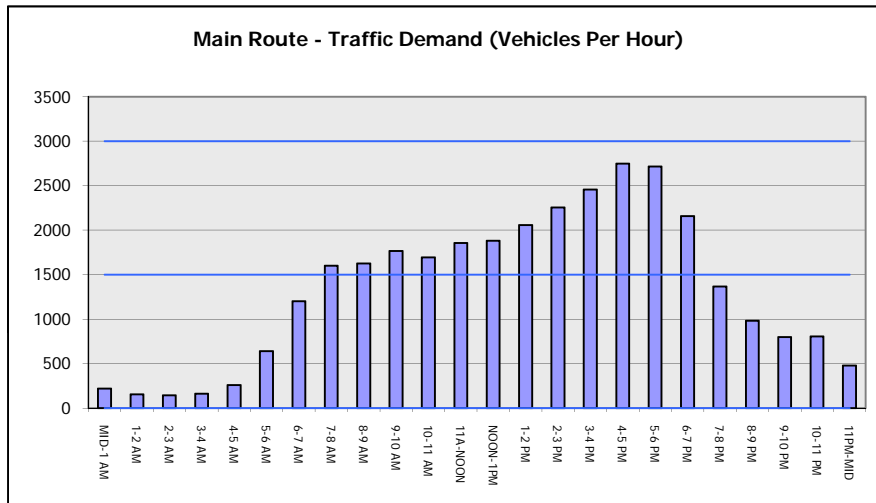
\*Delays Exceeding 15 Minutes

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

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**FRIDAY 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>MAY</b>
	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	167	0.0	37	0.0	1500	167	0	37	0.44	0	66.1	63.0	44.8	44.2	44.2
1-2 AM	151	0.0	32	0.0	1500	151	0	32	0.44	0	66.1	63.1	44.9	44.3	44.3
2-3 AM	140	0.0	30	0.0	1500	140	0	30	0.44	0	66.1	63.1	44.9	44.3	44.3
3-4 AM	177	0.0	39	0.0	1500	177	0	39	0.44	0	66.1	63.0	44.8	44.2	44.2
4-5 AM	348	0.0	76	0.0	1500	348	0	76	0.46	0	65.8	62.7	44.1	43.6	43.6
5-6 AM	693	0.0	151	0.0	OFF	693	0	151	0.00	0	65.1	65.1	65.1	42.5	42.5
6-7 AM	1074	0.0	234	0.0	OFF	1074	0	234	0.00	0	64.4	64.4	64.4	41.4	41.4
7-8 AM	1286	0.0	280	0.0	OFF	1286	0	280	0.00	0	64.0	64.0	64.0	40.7	40.7
8-9 AM	1134	0.0	248	0.0	OFF	1134	0	248	0.00	0	64.3	64.3	64.3	41.2	41.2
9-10 AM	1119	0.0	244	0.0	OFF	1119	0	244	0.00	0	64.3	64.3	64.3	41.2	41.2
10-11 AM	1146	0.0	250	0.0	OFF	1146	0	250	0.00	0	64.3	64.3	64.3	41.2	41.2
11A-NOON	1278	0.0	278	0.0	OFF	1278	0	278	0.00	0	64.0	64.0	64.0	40.7	40.7
NOON-1PM	1534	0.0	335	0.0	OFF	1534	0	335	0.00	0	63.5	63.5	63.5	39.9	39.9
1-2 PM	1679	0.0	366	0.0	OFF	1679	0	366	0.00	0	63.3	63.3	63.3	39.5	39.5
2-3 PM	1882	0.0	410	0.0	OFF	1882	0	410	0.00	0	62.9	62.9	62.9	38.9	38.9
3-4 PM	2113	0.0	460	0.0	OFF	2113	0	460	0.00	0	62.5	62.5	62.5	38.1	38.1
4-5 PM	2304	0.0	502	0.0	OFF	2304	0	502	0.00	0	62.1	62.1	62.1	37.6	37.6
5-6 PM	2094	0.0	456	0.0	OFF	2094	0	456	0.00	0	62.5	62.5	62.5	38.2	38.2
6-7 PM	1495	0.0	326	0.0	OFF	1495	0	326	0.00	0	63.6	63.6	63.6	40.1	40.1
7-8 PM	1177	0.0	256	0.0	1500	1177	0	256	0.61	0	64.2	60.3	39.2	41.0	41.0
8-9 PM	1041	0.0	227	0.0	1500	1041	0	227	0.52	0	64.5	61.0	41.5	41.5	41.5
9-10 PM	839	0.0	183	0.0	1500	839	0	183	0.50	0	64.8	61.5	42.2	42.1	42.1
10-11 PM	649	0.0	141	0.0	1500	649	0	141	0.49	0	65.2	61.9	43.0	42.7	42.7
11PM-MID	397	0.0	87	0.0	1500	397	0	87	0.46	0	65.6	62.5	43.9	43.5	43.5

"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	0.0416
MAIN ROUTE WITH WORKS	0.0413
DIVERSION	0.0429

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$560
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**

**MAY**  
Analyzed for 2009  
Construction Season

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

