

<b>IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	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	102	0.0	14	0.0	1500	102	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
2-3 AM	89	0.0	12	0.0	1500	89	0	12	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	104	0.0	14	0.0	1500	104	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	177	0.0	23	0.0	1500	177	0	23	0.44	0	66.1	62.7	44.8	34.5	34.5
5-6 AM	445	0.0	60	0.0	1500	445	0	60	0.47	0	65.6	62.1	43.7	34.1	34.1
6-7 AM	920	0.0	122	0.0	1500	920	0	122	0.51	0	64.6	61.0	42.0	33.4	33.4
7-8 AM	1176	0.0	157	0.0	1500	1176	0	157	0.61	0	64.2	59.9	39.2	33.0	33.0
8-9 AM	1123	0.0	150	0.0	1500	1123	0	150	0.54	0	64.3	60.5	41.1	33.2	33.2
9-10 AM	1038	0.0	138	0.0	1500	1038	0	138	0.52	0	64.5	60.7	41.5	33.3	33.3
10-11 AM	985	0.0	131	0.0	1500	985	0	131	0.52	0	64.5	60.9	41.7	33.3	33.3
11A-NOON	967	0.0	129	0.0	1500	967	0	129	0.52	0	64.6	60.9	41.8	33.3	33.3
NOON-1PM	970	0.0	130	0.0	1500	970	0	130	0.52	0	64.6	60.9	41.8	33.3	33.3
1-2 PM	974	0.0	130	0.0	1500	974	0	130	0.52	0	64.6	60.9	41.8	33.3	33.3
2-3 PM	1020	0.0	136	0.0	1500	1020	0	136	0.52	0	64.5	60.7	41.6	33.3	33.3
3-4 PM	1189	0.0	158	0.0	1500	1189	0	158	0.62	0	64.1	59.8	38.8	33.0	33.0
4-5 PM	1312	0.0	175	0.0	1500	1312	0	175	0.78	0	64.0	58.6	35.1	32.9	32.9
5-6 PM	1156	0.0	154	0.0	1500	1156	0	154	0.58	0	64.2	60.1	39.9	33.1	33.1
6-7 PM	788	0.0	105	0.0	1500	788	0	105	0.50	0	64.9	61.3	42.4	33.7	33.7
7-8 PM	563	0.0	75	0.0	1500	563	0	75	0.48	0	65.3	61.8	43.3	34.0	34.0
8-9 PM	477	0.0	64	0.0	1500	477	0	64	0.47	0	65.5	62.0	43.6	34.1	34.1
9-10 PM	432	0.0	58	0.0	1500	432	0	58	0.46	0	65.6	62.1	43.8	34.2	34.2
10-11 PM	348	0.0	46	0.0	1500	348	0	46	0.46	0	65.8	62.3	44.1	34.3	34.3
11PM-MID	210	0.0	28	0.0	1500	210	0	28	0.44	0	66.0	62.7	44.6	34.5	34.5

*----- 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	0.0242
MAIN ROUTE WITH WORKS	0.0231
DIVERSION	0.0658

PIA: Personal Injury Accidents

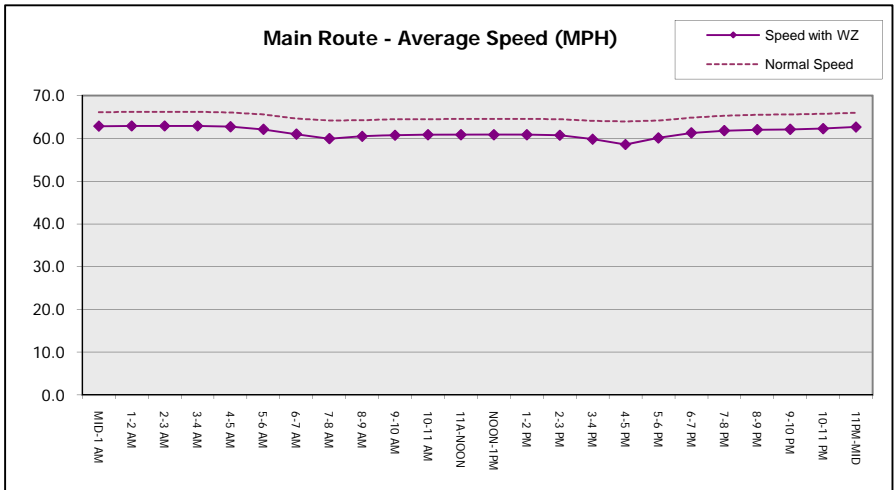
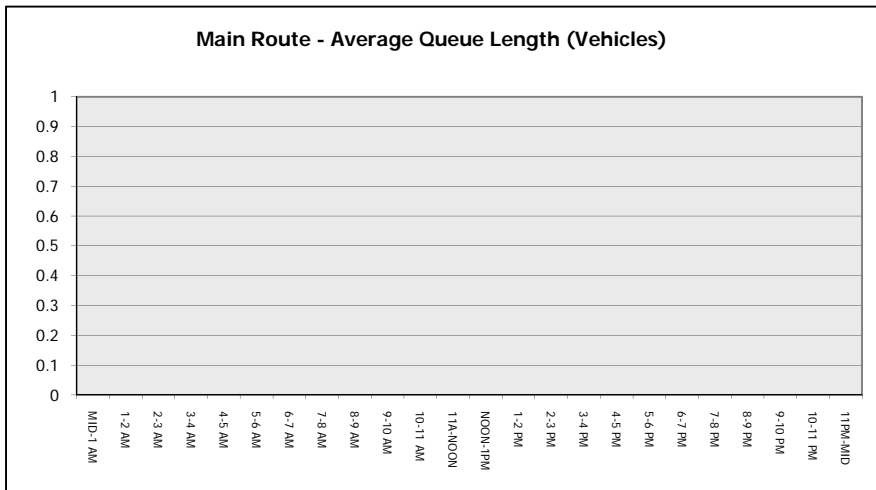
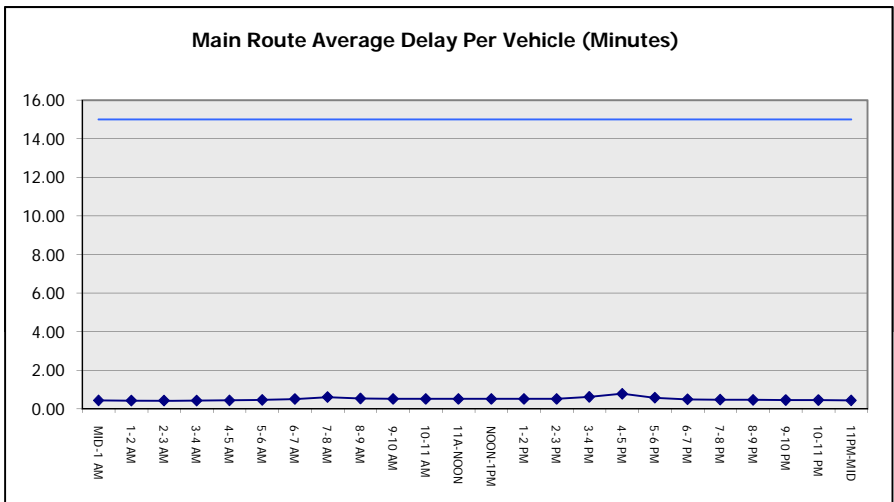
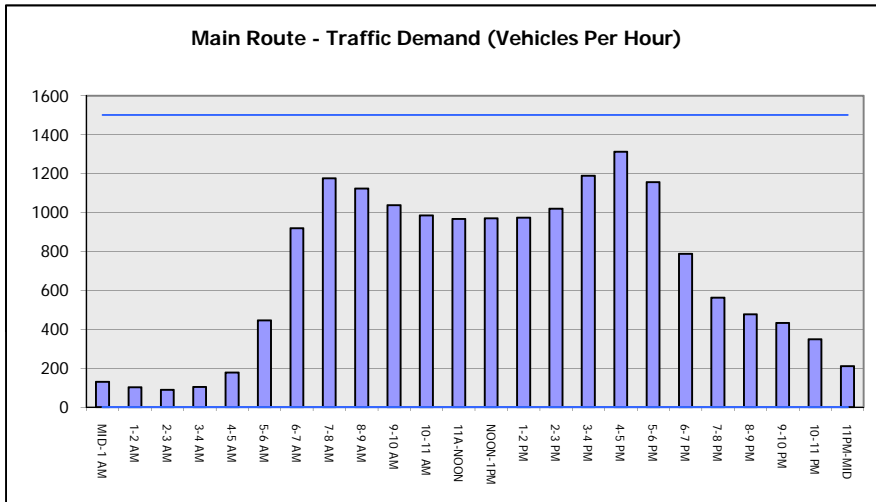
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,836
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)  
 CONTINUOUS (24 HOUR) 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**  
**MON-THUR WESTBOUND DIRECTION**



<b>IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	126	0.0	17	0.0	1500	126	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
1-2 AM	94	0.0	13	0.0	1500	94	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
2-3 AM	97	0.0	13	0.0	1500	97	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	123	0.0	17	0.0	1500	123	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	260	0.0	35	0.0	1500	260	0	35	0.45	0	65.9	62.5	44.5	34.4	34.4
5-6 AM	582	0.0	77	0.0	1500	582	0	77	0.48	0	65.3	61.8	43.2	33.9	33.9
6-7 AM	909	0.0	121	0.0	1500	909	0	121	0.51	0	64.7	61.0	42.0	33.5	33.5
7-8 AM	1085	0.0	144	0.0	1500	1085	0	144	0.53	0	64.3	60.6	41.4	33.2	33.2
8-9 AM	907	0.0	120	0.0	1500	907	0	120	0.51	0	64.7	61.0	42.0	33.5	33.5
9-10 AM	854	0.0	114	0.0	1500	854	0	114	0.51	0	64.8	61.1	42.2	33.5	33.5
10-11 AM	861	0.0	115	0.0	1500	861	0	115	0.51	0	64.8	61.1	42.2	33.5	33.5
11A-NOON	900	0.0	120	0.0	1500	900	0	120	0.51	0	64.7	61.0	42.0	33.5	33.5
NOON-1PM	938	0.0	125	0.0	1500	938	0	125	0.51	0	64.6	60.9	41.9	33.4	33.4
1-2 PM	1056	0.0	140	0.0	1500	1056	0	140	0.52	0	64.4	60.7	41.5	33.2	33.2
2-3 PM	1153	0.0	154	0.0	1500	1153	0	154	0.58	0	64.2	60.2	40.0	33.1	33.1
3-4 PM	1303	0.0	174	0.0	1500	1303	0	174	0.77	0	64.0	58.7	35.4	32.9	32.9
4-5 PM	1369	0.0	182	0.0	1500	1369	0	182	0.85	0	63.8	58.1	33.7	32.8	32.8
5-6 PM	1227	0.0	163	0.0	1500	1227	0	163	0.67	0	64.1	59.4	37.6	33.0	33.0
6-7 PM	885	0.0	118	0.0	1500	885	0	118	0.51	0	64.7	61.0	42.1	33.5	33.5
7-8 PM	659	0.0	88	0.0	1500	659	0	88	0.49	0	65.1	61.6	42.9	33.8	33.8
8-9 PM	554	0.0	74	0.0	1500	554	0	74	0.48	0	65.3	61.9	43.3	34.0	34.0
9-10 PM	441	0.0	59	0.0	1500	441	0	59	0.47	0	65.6	62.1	43.7	34.2	34.2
10-11 PM	308	0.0	41	0.0	1500	308	0	41	0.45	0	65.8	62.4	44.3	34.3	34.3
11PM-MID	181	0.0	24	0.0	1500	181	0	24	0.44	0	66.1	62.7	44.8	34.5	34.5

*----- 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	0.0244
MAIN ROUTE WITH WORKS	0.0233
DIVERSION	0.0666

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,925
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)  
 CONTINUOUS (24 HOUR) 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**  
**MON-THUR EASTBOUND DIRECTION**

