

<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>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	275	0.0	37	0.0	1500	275	0	37	0.45	0	65.9	62.5	44.4	34.4	34.4
1-2 AM	178	0.0	24	0.0	1500	178	0	24	0.44	0	66.1	62.7	44.8	34.5	34.5
2-3 AM	136	0.0	18	0.0	1500	136	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
3-4 AM	98	0.0	14	0.0	1500	98	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	139	0.0	19	0.0	1500	139	0	19	0.44	0	66.1	62.8	44.9	34.6	34.6
5-6 AM	272	0.0	37	0.0	1500	272	0	37	0.45	0	65.9	62.5	44.4	34.4	34.4
6-7 AM	502	0.0	67	0.0	1500	502	0	67	0.47	0	65.5	62.0	43.5	34.0	34.0
7-8 AM	917	0.0	122	0.0	1500	917	0	122	0.51	0	64.7	61.0	42.0	33.4	33.4
8-9 AM	1377	0.0	183	0.0	1499	1377	0	183	0.86	0	63.8	58.0	33.7	32.8	32.8
9-10 AM	1787	0.0	239	0.0	1499	1787	0	239	5.13	126	63.0	39.6	30.8	32.2	32.2
10-11 AM	1940	0.0	258	0.0	1500	1940	0	258	19.00	506	62.8	19.7	30.8	31.9	31.9
11A-NOON	1804	0.0	241	0.0	1499	1804	0	241	33.74	889	63.0	12.9	30.8	32.2	32.2
NOON-1PM	1617	0.0	216	0.0	1499	1507	109	325	39.80	1046	63.4	11.3	30.8	32.4	31.2
1-2 PM	1499	0.0	200	0.0	1499	1450	50	250	38.59	1013	63.6	11.6	30.8	32.6	32.0
2-3 PM	1417	0.0	188	0.0	1499	1417	0	188	36.30	951	63.7	12.2	30.8	32.7	32.7
3-4 PM	1353	0.0	180	0.0	1499	1353	0	180	31.90	833	63.8	13.5	30.8	32.8	32.8
4-5 PM	1370	0.0	182	0.0	1499	1370	0	182	26.88	697	63.8	15.4	30.8	32.8	32.8
5-6 PM	1199	0.0	160	0.0	1499	1199	0	160	18.83	488	64.1	20.0	30.8	33.0	33.0
6-7 PM	1025	0.0	137	0.0	1499	1025	0	137	3.96	121	64.5	43.9	38.1	33.3	33.3
7-8 PM	876	0.0	116	0.0	1500	876	0	116	0.51	0	64.8	61.1	42.1	33.5	33.5
8-9 PM	806	0.0	108	0.0	1500	806	0	108	0.50	0	64.9	61.2	42.4	33.6	33.6
9-10 PM	780	0.0	104	0.0	1500	780	0	104	0.50	0	65.0	61.3	42.5	33.7	33.7
10-11 PM	718	0.0	95	0.0	1500	718	0	95	0.49	0	65.0	61.4	42.7	33.7	33.7
11PM-MID	486	0.0	65	0.0	1500	486	0	65	0.47	0	65.5	62.0	43.5	34.1	34.1

*----- 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	0.0327
MAIN ROUTE WITH WORKS	0.0310
DIVERSION	0.0938

PIA: Personal Injury Accidents

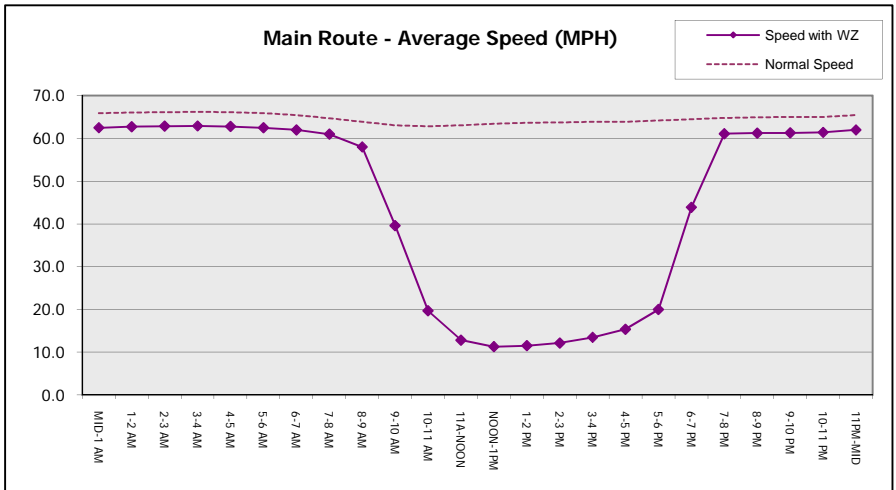
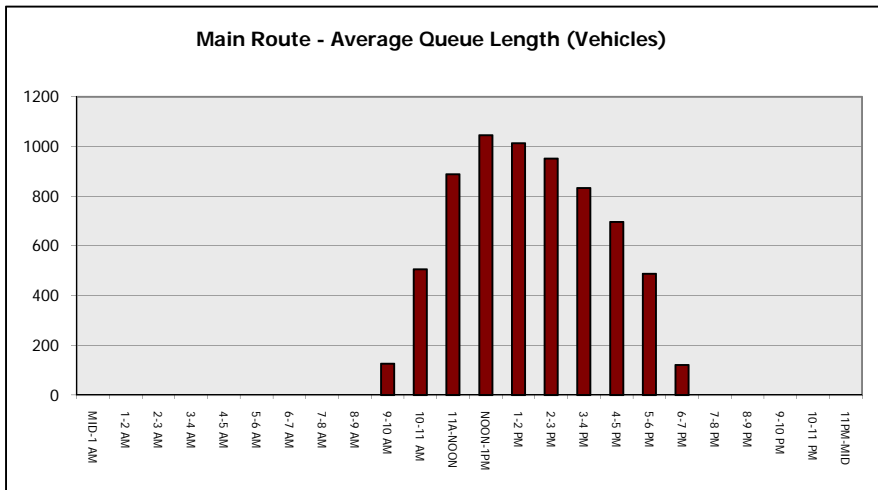
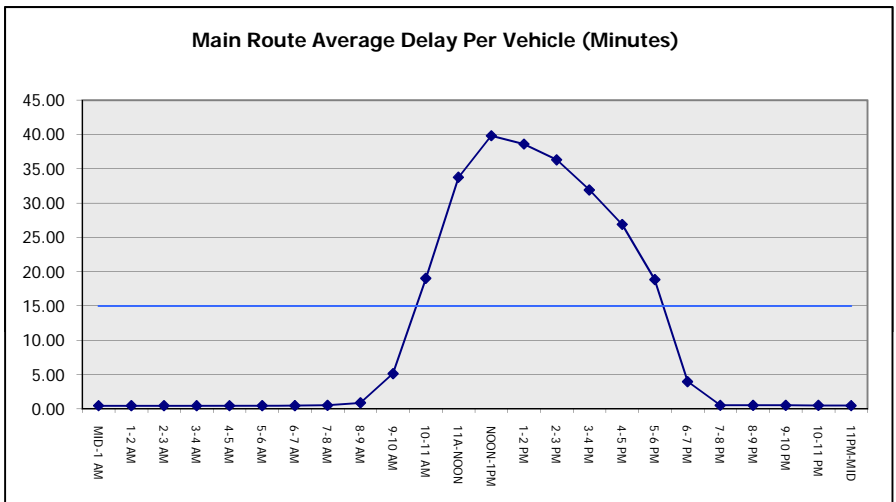
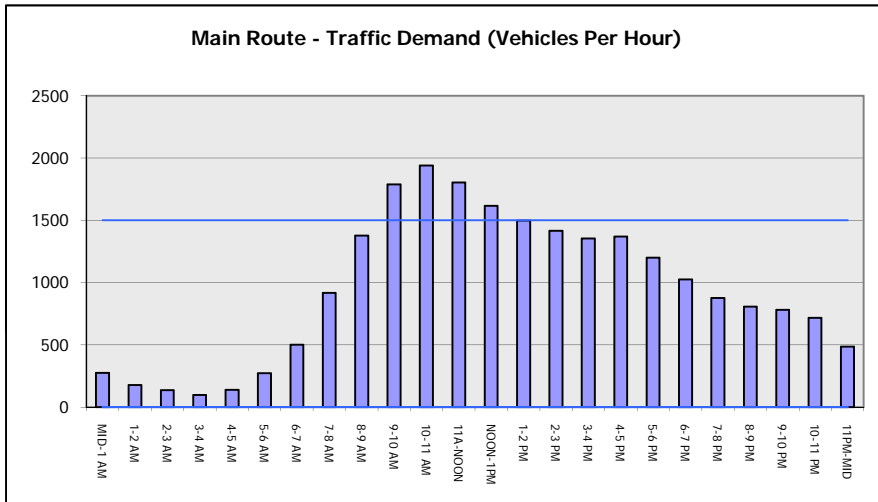
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$110,154
CONGESTED HOURS PER DAY*	8

\*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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY 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>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			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		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	248	0.0	33	0.0	1500	248	0	33	0.45	0	66.0	62.5	44.5	34.4	34.4
1-2 AM	127	0.0	17	0.0	1500	127	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
2-3 AM	113	0.0	15	0.0	1500	113	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
3-4 AM	108	0.0	15	0.0	1500	108	0	15	0.43	0	66.2	62.9	45.1	34.6	34.6
4-5 AM	143	0.0	19	0.0	1500	143	0	19	0.44	0	66.1	62.8	44.9	34.6	34.6
5-6 AM	206	0.0	27	0.0	1500	206	0	27	0.44	0	66.0	62.7	44.6	34.5	34.5
6-7 AM	318	0.0	43	0.0	1500	318	0	43	0.45	0	65.8	62.4	44.2	34.3	34.3
7-8 AM	509	0.0	68	0.0	1500	509	0	68	0.47	0	65.5	61.9	43.5	34.0	34.0
8-9 AM	764	0.0	102	0.0	1500	764	0	102	0.50	0	65.0	61.4	42.5	33.7	33.7
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	1314	0.0	175	0.0	1499	1314	0	175	0.78	0	64.0	58.6	35.2	32.9	32.9
11A-NOON	1503	0.0	200	0.0	1499	1503	0	200	1.20	5	63.6	55.8	31.2	32.6	32.6
NOON-1PM	1653	0.0	220	0.0	1500	1653	0	220	4.27	92	63.3	42.4	30.8	32.4	32.4
1-2 PM	1709	0.0	228	0.0	1500	1709	0	228	11.12	279	63.2	27.6	30.8	32.3	32.3
2-3 PM	1671	0.0	223	0.0	1499	1671	0	223	18.47	474	63.3	20.1	30.8	32.4	32.4
3-4 PM	1559	0.0	207	0.0	1499	1559	0	207	22.66	584	63.5	17.5	30.8	32.5	32.5
4-5 PM	1698	0.0	226	0.0	1500	1698	0	226	27.49	717	63.2	15.1	30.8	32.3	32.3
5-6 PM	1428	0.0	190	0.0	1500	1428	0	190	30.46	793	63.7	14.0	30.8	32.7	32.7
6-7 PM	1157	0.0	154	0.0	1499	1157	0	154	22.30	582	64.2	17.7	30.8	33.1	33.1
7-8 PM	1024	0.0	136	0.0	1499	1024	0	136	5.59	172	64.5	38.8	37.1	33.3	33.3
8-9 PM	956	0.0	128	0.0	1500	956	0	128	0.51	0	64.6	60.9	41.9	33.3	33.3
9-10 PM	830	0.0	111	0.0	1500	830	0	111	0.50	0	64.8	61.2	42.3	33.5	33.5
10-11 PM	645	0.0	86	0.0	1500	645	0	86	0.48	0	65.2	61.6	43.0	33.8	33.8
11PM-MID	466	0.0	62	0.0	1500	466	0	62	0.47	0	65.5	62.0	43.7	34.1	34.1

*----- 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	0.0307
MAIN ROUTE WITH WORKS	0.0293
DIVERSION	0.0835

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$61,904
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89**

**AUGUST**  
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 Construction Season

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

