

<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**

**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	218	0.0	29	0.0	1500	218	0	29	0.44	0	66.0	62.6	44.6	34.5	34.5
1-2 AM	143	0.0	19	0.0	1500	143	0	19	0.44	0	66.1	62.8	44.9	34.6	34.6
2-3 AM	132	0.0	18	0.0	1500	132	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
3-4 AM	110	0.0	15	0.0	1500	110	0	15	0.43	0	66.2	62.9	45.0	34.6	34.6
4-5 AM	163	0.0	22	0.0	1500	163	0	22	0.44	0	66.1	62.7	44.8	34.5	34.5
5-6 AM	361	0.0	48	0.0	1500	361	0	48	0.46	0	65.7	62.3	44.0	34.3	34.3
6-7 AM	816	0.0	109	0.0	1500	816	0	109	0.50	0	64.9	61.2	42.4	33.6	33.6
7-8 AM	1159	0.0	155	0.0	1500	1159	0	155	0.58	0	64.2	60.1	39.8	33.1	33.1
8-9 AM	1307	0.0	174	0.0	1499	1307	0	174	0.77	0	64.0	58.6	35.3	32.9	32.9
9-10 AM	1488	0.0	198	0.0	1499	1488	0	198	1.09	2	63.6	56.4	31.2	32.6	32.6
10-11 AM	1572	0.0	209	0.0	1500	1572	0	209	2.58	43	63.5	48.8	30.8	32.5	32.5
11A-NOON	1584	0.0	211	0.0	1499	1584	0	211	5.38	119	63.4	39.1	30.8	32.5	32.5
NOON-1PM	1736	0.0	231	0.0	1500	1736	0	231	11.01	278	63.2	27.8	30.8	32.2	32.2
1-2 PM	1782	0.0	238	0.0	1500	1782	0	238	20.65	538	63.1	18.6	30.8	32.2	32.2
2-3 PM	1891	0.0	252	0.0	1500	1891	0	252	32.96	872	62.8	13.1	30.8	32.0	32.0
3-4 PM	2007	0.0	268	0.0	1499	1686	321	589	44.65	1181	62.7	10.2	30.8	31.9	28.3
4-5 PM	2100	0.0	279	0.0	1499	1585	516	795	49.26	1305	62.5	9.4	30.8	31.7	26.1
5-6 PM	2168	0.0	289	0.0	1499	1556	612	901	52.04	1380	62.3	9.2	30.8	31.6	25.0
6-7 PM	2032	0.0	271	0.0	1499	1409	623	894	51.89	1375	62.6	9.2	30.8	31.8	25.1
7-8 PM	1404	0.0	187	0.0	1499	1130	275	462	42.30	1119	63.8	10.7	30.8	32.7	29.7
8-9 PM	939	0.0	125	0.0	1499	939	0	125	25.54	681	64.6	16.1	31.0	33.4	33.4
9-10 PM	721	0.0	96	0.0	1499	721	0	96	2.88	97	65.0	48.4	42.0	33.7	33.7
10-11 PM	628	0.0	84	0.0	1500	628	0	84	0.48	0	65.2	61.7	43.0	33.8	33.8
11PM-MID	493	0.0	66	0.0	1500	493	0	66	0.47	0	65.5	62.0	43.5	34.0	34.0

*----- 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	0.0390
MAIN ROUTE WITH WORKS	0.0340
DIVERSION	0.1758

PIA: Personal Injury Accidents

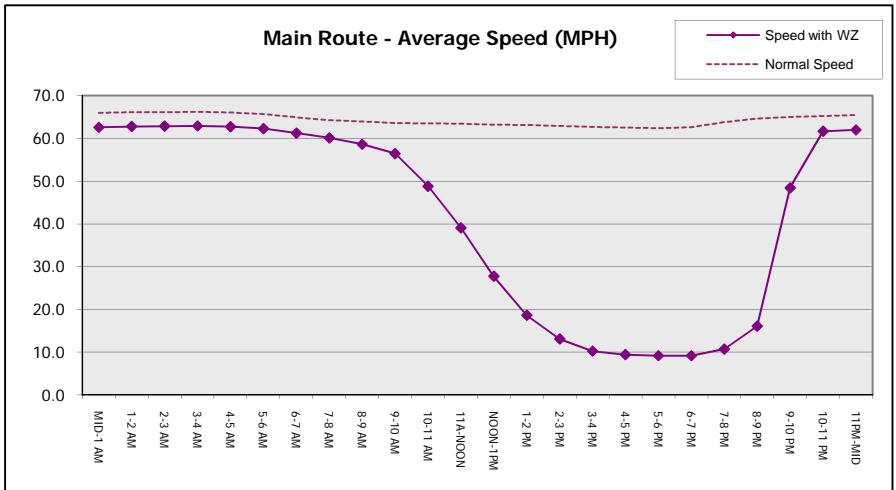
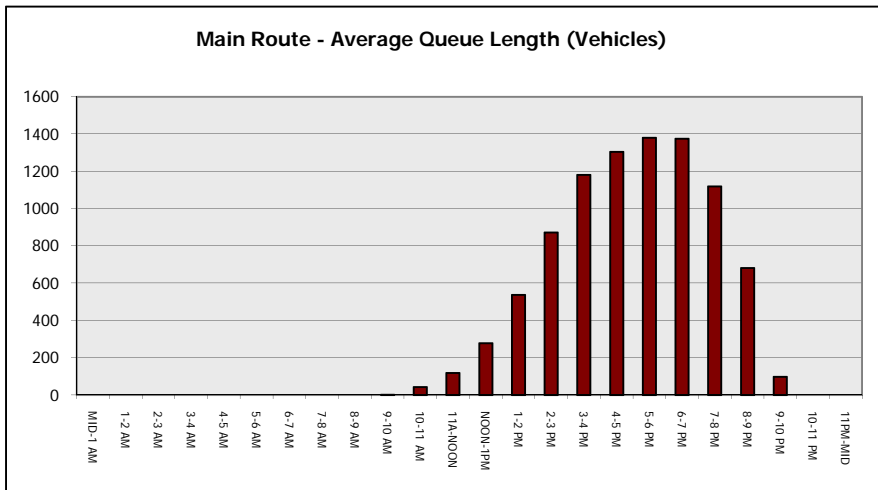
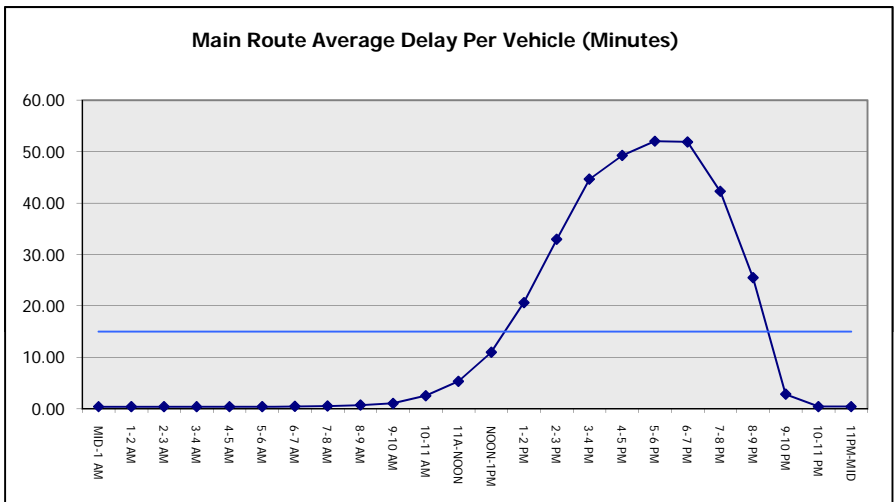
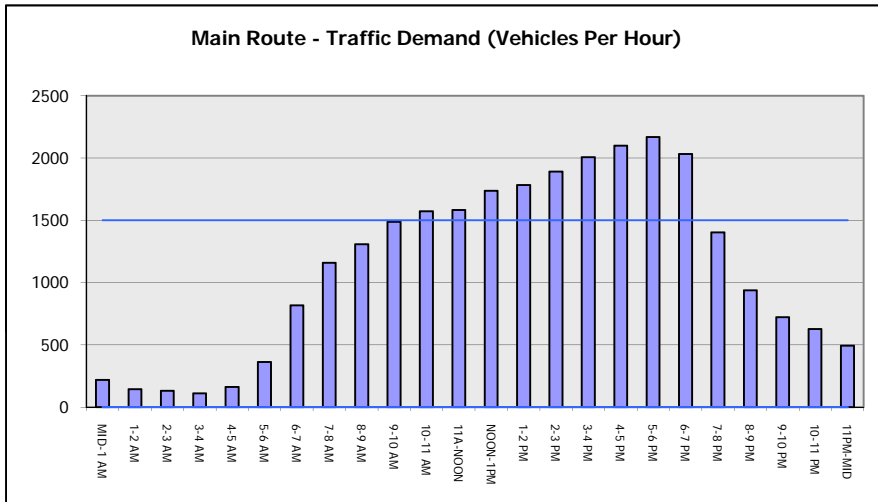
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$154,928
CONGESTED HOURS PER DAY*	8

\*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**  
**FRIDAY WESTBOUND DIRECTION**



<b>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</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
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	218	0.0	29	0.0	1500	218	0	29	0.44	0	66.0	62.6	44.6	34.5	34.5
1-2 AM	121	0.0	16	0.0	1500	121	0	16	0.43	0	66.1	62.8	45.0	34.6	34.6
2-3 AM	103	0.0	14	0.0	1500	103	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
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	222	0.0	29	0.0	1500	222	0	29	0.44	0	66.0	62.6	44.6	34.5	34.5
5-6 AM	439	0.0	59	0.0	1500	439	0	59	0.47	0	65.6	62.1	43.7	34.2	34.2
6-7 AM	767	0.0	103	0.0	1500	767	0	103	0.50	0	65.0	61.4	42.5	33.7	33.7
7-8 AM	1012	0.0	135	0.0	1500	1012	0	135	0.52	0	64.5	60.7	41.6	33.3	33.3
8-9 AM	925	0.0	123	0.0	1500	925	0	123	0.51	0	64.6	61.0	41.9	33.4	33.4
9-10 AM	972	0.0	130	0.0	1500	972	0	130	0.52	0	64.6	60.9	41.8	33.3	33.3
10-11 AM	1080	0.0	144	0.0	1500	1080	0	144	0.53	0	64.4	60.6	41.4	33.2	33.2
11A-NOON	1152	0.0	154	0.0	1500	1152	0	154	0.57	0	64.2	60.2	40.1	33.1	33.1
NOON-1PM	1276	0.0	170	0.0	1499	1276	0	170	0.73	0	64.0	58.9	36.2	32.9	32.9
1-2 PM	1468	0.0	196	0.0	1499	1468	0	196	1.02	1	63.7	56.9	31.5	32.6	32.6
2-3 PM	1614	0.0	215	0.0	1500	1614	0	215	2.86	52	63.4	47.6	30.8	32.4	32.4
3-4 PM	1759	0.0	234	0.0	1500	1759	0	234	9.55	241	63.1	30.0	30.8	32.2	32.2
4-5 PM	1840	0.0	245	0.0	1500	1840	0	245	20.84	547	63.0	18.5	30.8	32.1	32.1
5-6 PM	1757	0.0	234	0.0	1499	1757	0	234	32.72	860	63.1	13.2	30.8	32.2	32.2
6-7 PM	1366	0.0	182	0.0	1499	1366	0	182	35.45	928	63.8	12.4	30.8	32.8	32.8
7-8 PM	1055	0.0	140	0.0	1499	1055	0	140	23.96	632	64.4	16.8	30.9	33.2	33.2
8-9 PM	871	0.0	116	0.0	1499	871	0	116	3.87	130	64.8	44.4	39.9	33.5	33.5
9-10 PM	748	0.0	99	0.0	1500	748	0	99	0.49	0	65.0	61.4	42.6	33.7	33.7
10-11 PM	543	0.0	72	0.0	1500	543	0	72	0.48	0	65.4	61.9	43.3	34.0	34.0
11PM-MID	398	0.0	53	0.0	1500	398	0	53	0.46	0	65.6	62.2	43.9	34.2	34.2

*----- 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	0.0316
MAIN ROUTE WITH WORKS	0.0302
DIVERSION	0.0862

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$49,305
CONGESTED HOURS PER DAY*	4

\*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**  
**FRIDAY EASTBOUND DIRECTION**

