

<b>IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89</b>	<b>OCTOBER</b> Analyzed for 2009 Construction Season
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<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
<b>SATURDAY</b>	<b>WESTBOUND DIRECTION</b>

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	239	0.0	31	0.0	OFF	239	0	31	0.00	0	66.0	66.0	66.0	34.4	34.4
1-2 AM	154	0.0	21	0.0	OFF	154	0	21	0.00	0	66.1	66.1	66.1	34.5	34.5
2-3 AM	135	0.0	18	0.0	OFF	135	0	18	0.00	0	66.1	66.1	66.1	34.6	34.6
3-4 AM	120	0.0	16	0.0	OFF	120	0	16	0.00	0	66.1	66.1	66.1	34.6	34.6
4-5 AM	168	0.0	22	0.0	OFF	168	0	22	0.00	0	66.1	66.1	66.1	34.5	34.5
5-6 AM	272	0.0	37	0.0	OFF	272	0	37	0.00	0	65.9	65.9	65.9	34.4	34.4
6-7 AM	546	0.0	73	0.0	OFF	546	0	73	0.00	0	65.4	65.4	65.4	34.0	34.0
7-8 AM	1355	0.0	180	0.0	OFF	1355	0	180	0.00	0	63.8	63.8	63.8	32.8	32.8
8-9 AM	2544	0.0	339	0.0	1499	2544	0	339	15.49	493	60.4	22.3	30.8	31.1	31.1
9-10 AM	2268	0.0	303	0.0	1500	1834	434	737	47.87	1272	62.2	9.7	30.8	31.5	26.8
10-11 AM	1710	0.0	228	0.0	1500	1237	473	702	47.17	1249	63.2	9.8	30.8	32.3	27.1
11A-NOON	1417	0.0	188	0.0	1500	1334	83	271	38.88	1022	63.7	11.5	30.8	32.7	31.8
NOON-1PM	1335	0.0	178	0.0	1500	1335	0	178	33.23	869	63.9	13.0	30.8	32.9	32.9
1-2 PM	1293	0.0	173	0.0	1500	1293	0	173	26.26	682	64.0	15.7	30.8	32.9	32.9
2-3 PM	1244	0.0	165	0.0	1499	1244	0	165	17.47	449	64.1	21.0	30.8	33.0	33.0
3-4 PM	1262	0.0	169	0.0	1500	1262	0	169	8.13	201	64.0	32.8	31.4	32.9	32.9
4-5 PM	1246	0.0	166	0.0	1500	1246	0	167	1.21	14	64.1	56.1	36.3	33.0	33.0
5-6 PM	1088	0.0	146	0.0	1500	1088	0	146	0.53	0	64.3	60.6	41.4	33.2	33.2
6-7 PM	847	0.0	113	0.0	OFF	847	0	113	0.00	0	64.8	64.8	64.8	33.5	33.5
7-8 PM	691	0.0	92	0.0	OFF	691	0	92	0.00	0	65.1	65.1	65.1	33.8	33.8
8-9 PM	625	0.0	84	0.0	OFF	625	0	84	0.00	0	65.2	65.2	65.2	33.8	33.8
9-10 PM	520	0.0	69	0.0	OFF	520	0	69	0.00	0	65.4	65.4	65.4	34.0	34.0
10-11 PM	450	0.0	60	0.0	OFF	450	0	60	0.00	0	65.6	65.6	65.6	34.1	34.1
11PM-MID	351	0.0	47	0.0	OFF	351	0	47	0.00	0	65.7	65.7	65.7	34.3	34.3

"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	0.0317
MAIN ROUTE WITH WORKS	0.0293
DIVERSION	0.1157

PIA: Personal Injury Accidents

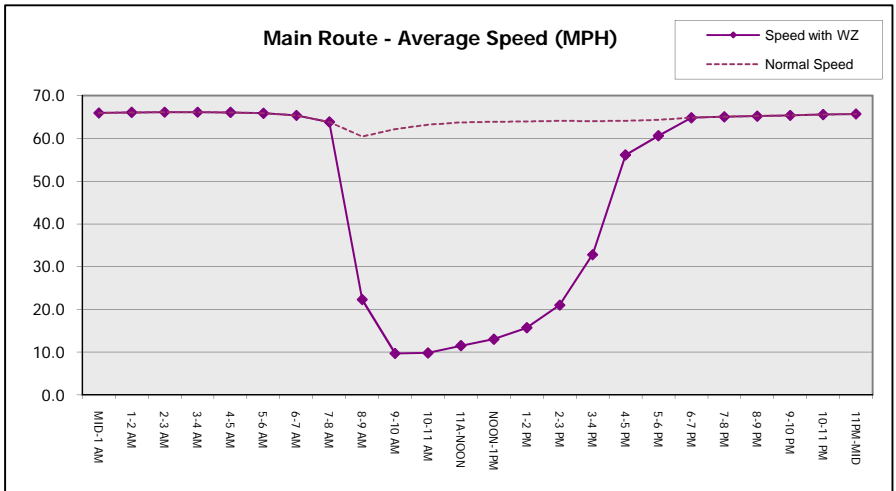
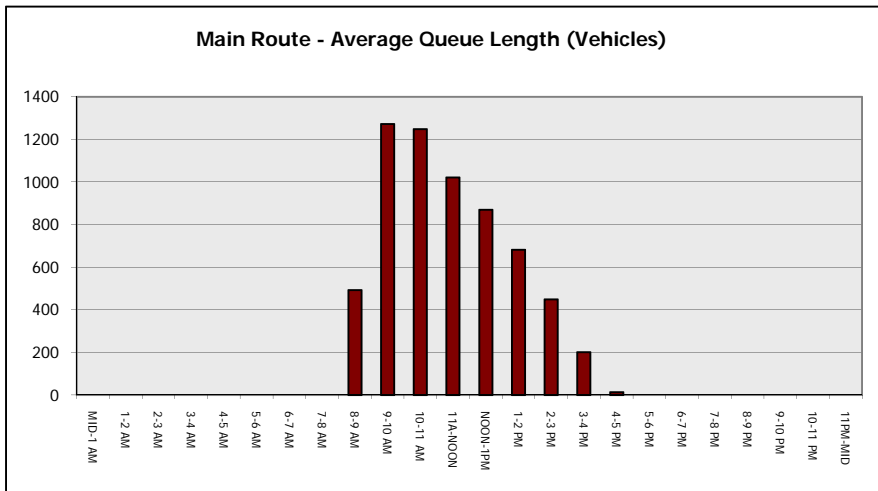
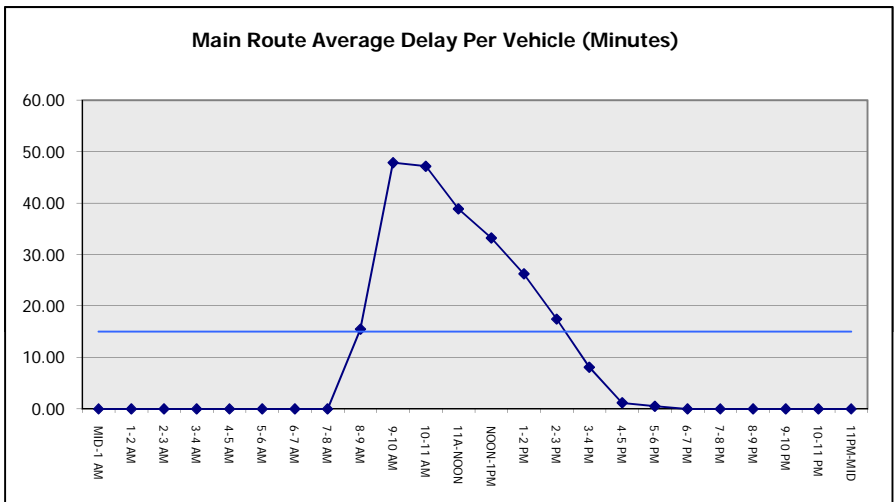
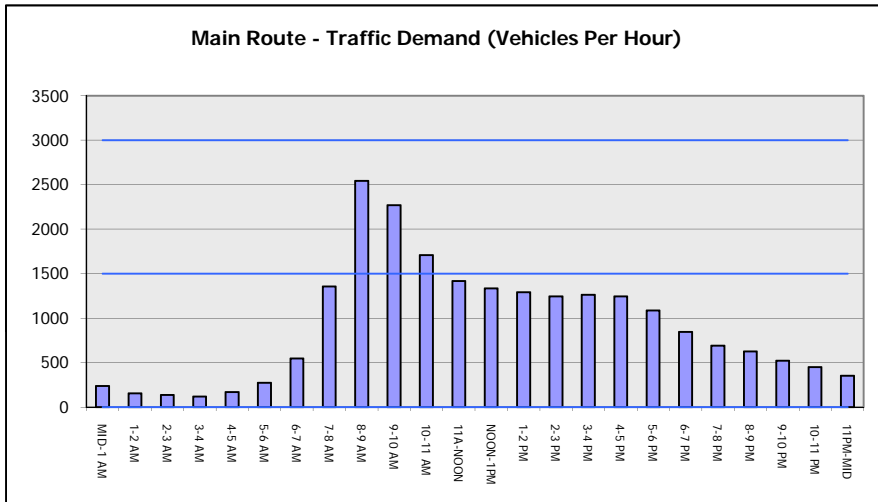
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$111,032
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding 15 Minutes

**IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89**

**OCTOBER**  
 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) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
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	179	0.0	24	0.0	OFF	179	0	24	0.00	0	66.1	66.1	66.1	34.5	34.5
1-2 AM	110	0.0	15	0.0	OFF	110	0	15	0.00	0	66.2	66.2	66.2	34.6	34.6
2-3 AM	90	0.0	12	0.0	OFF	90	0	12	0.00	0	66.2	66.2	66.2	34.7	34.7
3-4 AM	112	0.0	15	0.0	OFF	112	0	15	0.00	0	66.2	66.2	66.2	34.6	34.6
4-5 AM	121	0.0	16	0.0	OFF	121	0	16	0.00	0	66.1	66.1	66.1	34.6	34.6
5-6 AM	206	0.0	27	0.0	OFF	206	0	27	0.00	0	66.0	66.0	66.0	34.5	34.5
6-7 AM	273	0.0	37	0.0	OFF	273	0	37	0.00	0	65.9	65.9	65.9	34.4	34.4
7-8 AM	439	0.0	59	0.0	OFF	439	0	59	0.00	0	65.6	65.6	65.6	34.2	34.2
8-9 AM	675	0.0	90	0.0	1500	675	0	90	0.49	0	65.1	61.5	42.8	33.8	33.8
9-10 AM	852	0.0	113	0.0	1500	852	0	113	0.50	0	64.8	61.1	42.2	33.5	33.5
10-11 AM	1085	0.0	145	0.0	1500	1085	0	145	0.53	0	64.3	60.6	41.4	33.2	33.2
11A-NOON	1203	0.0	160	0.0	1500	1203	0	160	0.64	0	64.1	59.7	38.3	33.0	33.0
NOON-1PM	1234	0.0	164	0.0	1500	1234	0	164	0.68	0	64.1	59.4	37.4	33.0	33.0
1-2 PM	1308	0.0	175	0.0	1499	1308	0	175	0.78	0	64.0	58.6	35.3	32.9	32.9
2-3 PM	1673	0.0	223	0.0	1499	1673	0	223	2.98	59	63.3	47.1	30.8	32.4	32.4
3-4 PM	2176	0.0	290	0.0	1500	2176	0	290	17.50	494	62.3	20.8	30.8	31.6	31.6
4-5 PM	2217	0.0	295	0.0	1500	1981	236	531	43.43	1158	62.2	10.4	30.8	31.5	28.9
5-6 PM	1799	0.0	240	0.0	1500	1326	473	713	47.39	1254	63.0	9.7	30.8	32.2	27.0
6-7 PM	1410	0.0	187	0.0	OFF	1410	0	187	4.37	257	63.8	42.2	42.2	32.7	32.7
7-8 PM	1103	0.0	147	0.0	OFF	1103	0	147	0.00	0	64.3	64.3	64.3	33.2	33.2
8-9 PM	834	0.0	111	0.0	OFF	834	0	111	0.00	0	64.8	64.8	64.8	33.5	33.5
9-10 PM	685	0.0	91	0.0	OFF	685	0	91	0.00	0	65.1	65.1	65.1	33.8	33.8
10-11 PM	633	0.0	85	0.0	OFF	633	0	85	0.00	0	65.2	65.2	65.2	33.8	33.8
11PM-MID	338	0.0	45	0.0	OFF	338	0	45	0.00	0	65.8	65.8	65.8	34.3	34.3

"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	0.0301
MAIN ROUTE WITH WORKS	0.0281
DIVERSION	0.1028

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$65,793
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding 15 Minutes

**IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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

