

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	OCTOBER
	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	162	0.0	22	0.0	1500	162	0	22	0.44	0	66.1	62.8	44.8	34.5	34.5
1-2 AM	119	0.0	16	0.0	1500	119	0	16	0.43	0	66.1	62.8	45.0	34.6	34.6
2-3 AM	112	0.0	15	0.0	1500	112	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
3-4 AM	102	0.0	14	0.0	1500	102	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	190	0.0	25	0.0	1500	190	0	25	0.44	0	66.0	62.7	44.7	34.5	34.5
5-6 AM	377	0.0	50	0.0	1500	377	0	50	0.46	0	65.7	62.2	44.0	34.2	34.2
6-7 AM	843	0.0	112	0.0	1500	843	0	112	0.50	0	64.8	61.2	42.2	33.5	33.5
7-8 AM	1200	0.0	160	0.0	1500	1200	0	160	0.64	0	64.1	59.7	38.4	33.0	33.0
8-9 AM	1283	0.0	171	0.0	1500	1283	0	171	0.74	0	64.0	58.9	36.0	32.9	32.9
9-10 AM	1377	0.0	183	0.0	1500	1377	0	183	0.87	0	63.8	57.9	33.5	32.8	32.8
10-11 AM	1429	0.0	191	0.0	1500	1429	0	191	0.93	0	63.7	57.4	32.3	32.7	32.7
11A-NOON	1458	0.0	195	0.0	1499	1458	0	195	0.97	0	63.7	57.2	31.7	32.7	32.7
NOON-1PM	1504	0.0	200	0.0	1499	1504	0	200	1.15	3	63.6	56.1	31.1	32.6	32.6
1-2 PM	1682	0.0	224	0.0	1500	1682	0	224	4.40	97	63.3	41.9	30.8	32.3	32.3
2-3 PM	1783	0.0	238	0.0	1500	1783	0	238	12.82	329	63.1	25.4	30.8	32.2	32.2
3-4 PM	1971	0.0	263	0.0	1500	1971	0	263	26.46	705	62.7	15.5	30.8	31.9	31.9
4-5 PM	2134	0.0	285	0.0	1500	1858	275	560	44.03	1170	62.4	10.4	30.8	31.7	28.6
5-6 PM	2023	0.0	270	0.0	1500	1496	526	797	49.32	1306	62.6	9.4	30.8	31.8	26.1
6-7 PM	2173	0.0	290	0.0	1500	1575	598	888	51.69	1371	62.3	9.2	30.8	31.6	25.2
7-8 PM	1410	0.0	187	0.0	1500	1063	347	534	43.69	1159	63.8	10.4	30.8	32.7	28.9
8-9 PM	836	0.0	111	0.0	1500	836	0	111	23.23	635	64.8	17.3	32.4	33.5	33.5
9-10 PM	652	0.0	87	0.0	1500	652	0	87	1.70	48	65.1	54.2	42.7	33.8	33.8
10-11 PM	523	0.0	70	0.0	1500	523	0	70	0.47	0	65.4	61.9	43.4	34.0	34.0
11PM-MID	363	0.0	48	0.0	1500	363	0	48	0.46	0	65.7	62.3	44.0	34.2	34.2

----- 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	0.0372
MAIN ROUTE WITH WORKS	0.0331
DIVERSION	0.1532

PIA: Personal Injury Accidents

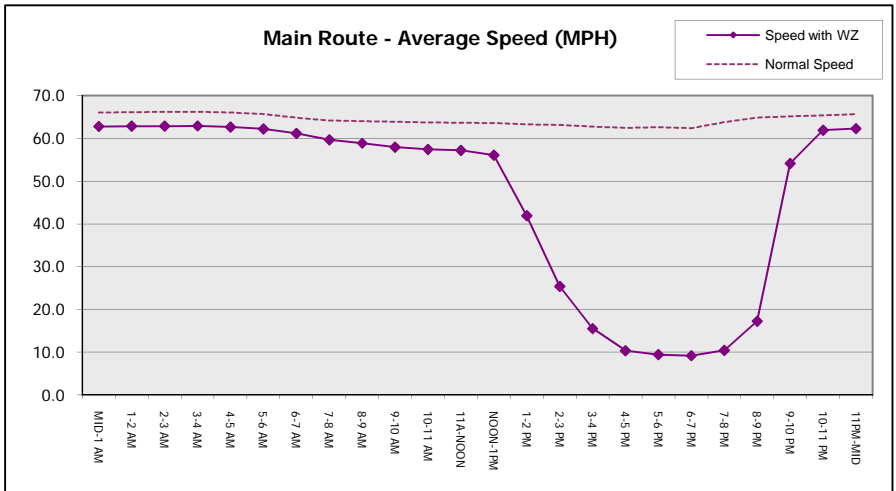
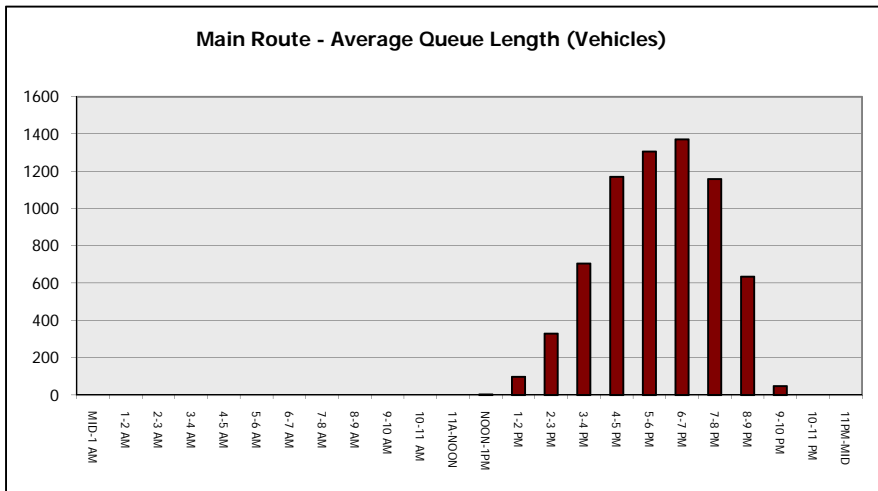
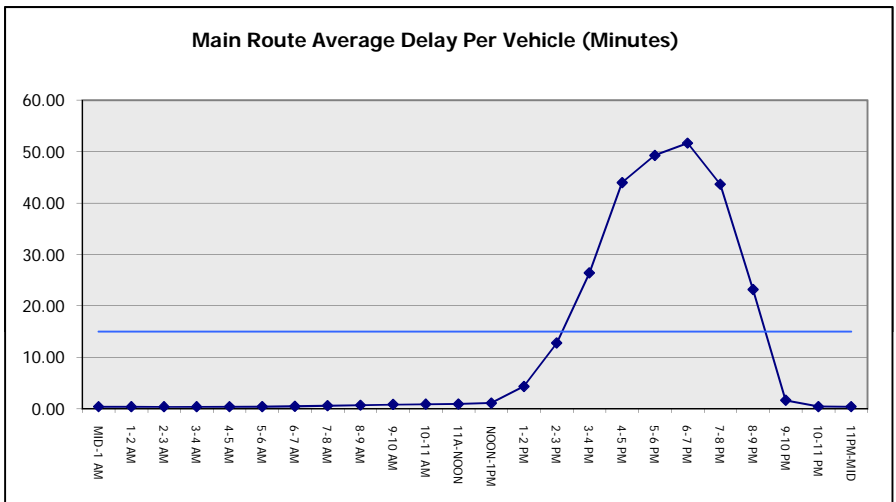
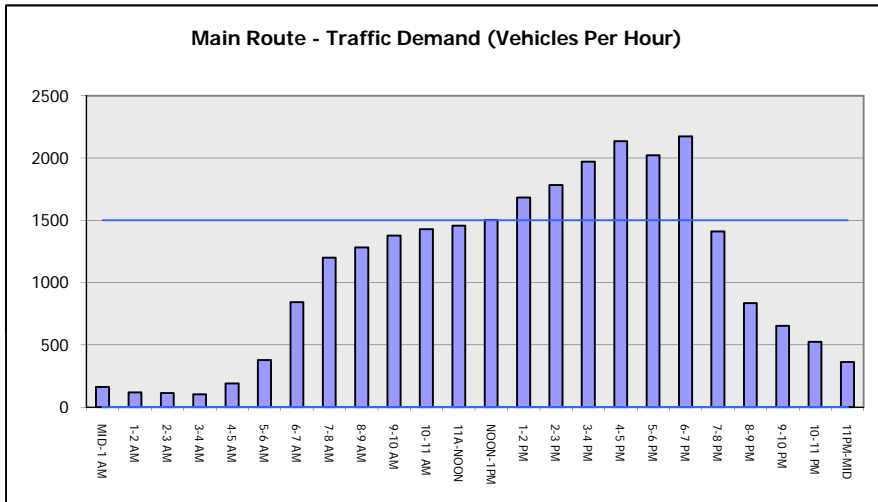
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$117,177
CONGESTED HOURS PER DAY*	6

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



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	OCTOBER
	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	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	100	0.0	14	0.0	1500	100	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
2-3 AM	87	0.0	12	0.0	1500	87	0	12	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	127	0.0	17	0.0	1500	127	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	205	0.0	27	0.0	1500	205	0	27	0.44	0	66.0	62.7	44.6	34.5	34.5
5-6 AM	447	0.0	60	0.0	1500	447	0	60	0.47	0	65.6	62.1	43.7	34.1	34.1
6-7 AM	787	0.0	105	0.0	1500	787	0	105	0.50	0	64.9	61.3	42.4	33.7	33.7
7-8 AM	1006	0.0	134	0.0	1500	1006	0	134	0.52	0	64.5	60.8	41.7	33.3	33.3
8-9 AM	873	0.0	116	0.0	1500	873	0	116	0.51	0	64.8	61.1	42.1	33.5	33.5
9-10 AM	836	0.0	111	0.0	1500	836	0	111	0.50	0	64.8	61.2	42.3	33.5	33.5
10-11 AM	900	0.0	120	0.0	1500	900	0	120	0.51	0	64.7	61.0	42.0	33.5	33.5
11A-NOON	1008	0.0	134	0.0	1500	1008	0	134	0.52	0	64.5	60.8	41.7	33.3	33.3
NOON-1PM	1131	0.0	151	0.0	1500	1131	0	151	0.55	0	64.3	60.4	40.8	33.1	33.1
1-2 PM	1317	0.0	176	0.0	1499	1317	0	176	0.79	0	63.9	58.6	35.1	32.9	32.9
2-3 PM	1547	0.0	206	0.0	1499	1547	0	206	1.44	11	63.5	54.4	30.8	32.5	32.5
3-4 PM	1703	0.0	227	0.0	1500	1703	0	227	5.91	139	63.2	37.5	30.8	32.3	32.3
4-5 PM	1826	0.0	243	0.0	1500	1826	0	243	15.82	412	63.0	22.3	30.8	32.1	32.1
5-6 PM	1697	0.0	226	0.0	1499	1697	0	226	26.46	690	63.2	15.5	30.8	32.3	32.3
6-7 PM	1318	0.0	176	0.0	1500	1318	0	176	27.10	704	63.9	15.3	30.8	32.9	32.9
7-8 PM	979	0.0	131	0.0	1499	979	0	131	12.31	349	64.6	26.3	34.8	33.3	33.3
8-9 PM	734	0.0	97	0.0	1500	733	0	97	0.61	3	65.0	60.6	42.6	33.7	33.7
9-10 PM	493	0.0	66	0.0	1500	493	0	66	0.47	0	65.5	62.0	43.5	34.0	34.0
10-11 PM	546	0.0	73	0.0	1500	546	0	73	0.48	0	65.4	61.9	43.3	34.0	34.0
11PM-MID	442	0.0	59	0.0	1500	442	0	59	0.47	0	65.6	62.1	43.7	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	0.0293
MAIN ROUTE WITH WORKS	0.0280
DIVERSION	0.0799

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$34,207
CONGESTED HOURS PER DAY*	3

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

