

IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	316	0.0	42	0.0	1500	316	0	42	0.45	0	65.8	62.4	44.2	34.3	34.3
1-2 AM	171	0.0	23	0.0	1500	171	0	23	0.44	0	66.1	62.7	44.8	34.5	34.5
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	70	0.0	9	0.0	1500	70	0	9	0.43	0	66.3	63.0	45.2	34.7	34.7
4-5 AM	72	0.0	9	0.0	1500	72	0	9	0.43	0	66.3	63.0	45.2	34.7	34.7
5-6 AM	125	0.0	17	0.0	1500	125	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
6-7 AM	235	0.0	31	0.0	1500	235	0	31	0.45	0	66.0	62.6	44.5	34.4	34.4
7-8 AM	449	0.0	60	0.0	1500	449	0	60	0.47	0	65.6	62.1	43.7	34.1	34.1
8-9 AM	754	0.0	100	0.0	1500	754	0	100	0.50	0	65.0	61.4	42.5	33.7	33.7
9-10 AM	1144	0.0	153	0.0	OFF	1144	0	153	0.00	0	64.3	64.3	64.3	33.1	33.1
10-11 AM	1572	0.0	209	0.0	OFF	1572	0	209	0.00	0	63.5	63.5	63.5	32.5	32.5
11A-NOON	1818	0.0	242	0.0	OFF	1818	0	242	0.00	0	63.0	63.0	63.0	32.1	32.1
NOON-1PM	1756	0.0	234	0.0	OFF	1756	0	234	0.00	0	63.1	63.1	63.1	32.2	32.2
1-2 PM	1632	0.0	218	0.0	OFF	1632	0	218	0.00	0	63.3	63.3	63.3	32.4	32.4
2-3 PM	1593	0.0	212	0.0	OFF	1593	0	212	0.00	0	63.4	63.4	63.4	32.5	32.5
3-4 PM	1519	0.0	202	0.0	OFF	1519	0	202	0.00	0	63.5	63.5	63.5	32.5	32.5
4-5 PM	1557	0.0	207	0.0	OFF	1557	0	207	0.00	0	63.5	63.5	63.5	32.5	32.5
5-6 PM	1538	0.0	205	0.0	OFF	1538	0	205	0.00	0	63.5	63.5	63.5	32.5	32.5
6-7 PM	1197	0.0	159	0.0	OFF	1197	0	159	0.00	0	64.1	64.1	64.1	33.0	33.0
7-8 PM	1020	0.0	136	0.0	1500	1020	0	136	0.52	0	64.5	60.7	41.6	33.3	33.3
8-9 PM	850	0.0	113	0.0	1500	850	0	113	0.50	0	64.8	61.2	42.2	33.5	33.5
9-10 PM	622	0.0	83	0.0	1500	622	0	83	0.48	0	65.2	61.7	43.0	33.8	33.8
10-11 PM	446	0.0	60	0.0	1500	446	0	60	0.47	0	65.6	62.1	43.7	34.1	34.1
11PM-MID	288	0.0	39	0.0	1500	288	0	39	0.45	0	65.8	62.5	44.3	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	0.0302
MAIN ROUTE WITH WORKS	0.0298
DIVERSION	0.0822

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$719
CONGESTED HOURS PER DAY*	0

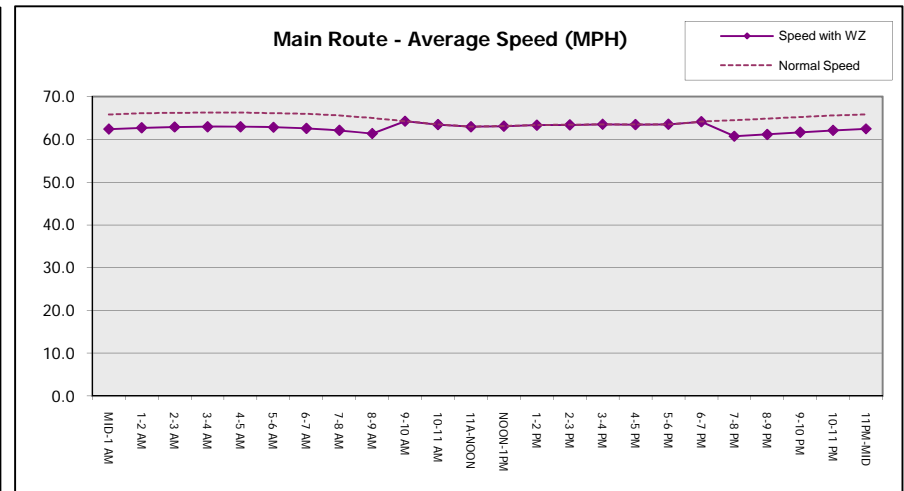
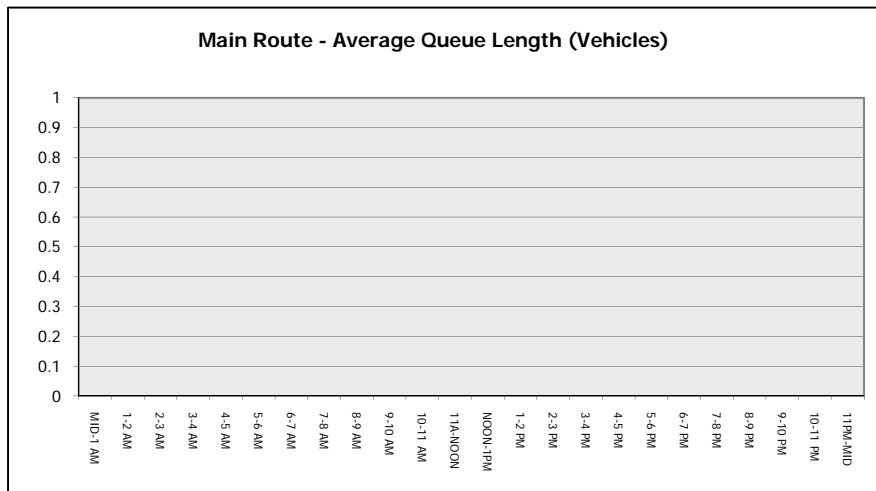
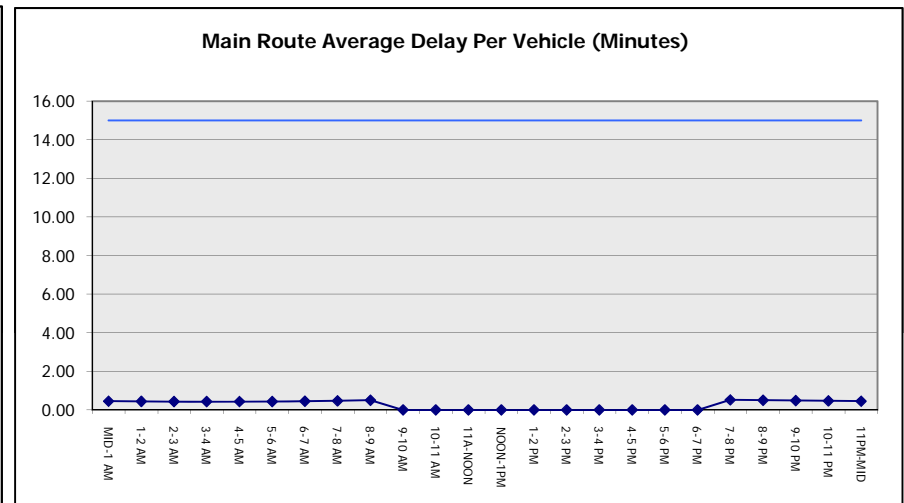
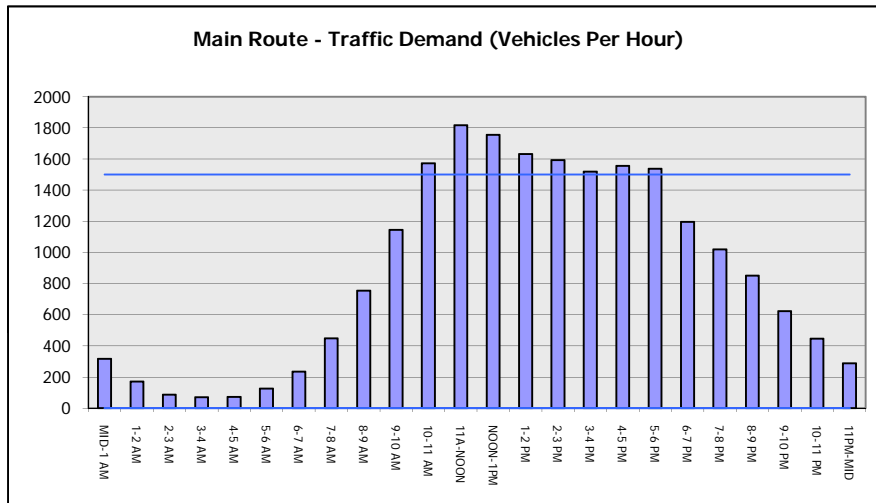
*Delays Exceeding 15 Minutes

IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)
NIGHTTIME 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

SUNDAY WESTBOUND DIRECTION



IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT	
SUNDAY	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	359	0.0	48	0.0	1500	359	0	48	0.46	0	65.7	62.3	44.0	34.3	34.3
1-2 AM	171	0.0	23	0.0	1500	171	0	23	0.44	0	66.1	62.7	44.8	34.5	34.5
2-3 AM	125	0.0	17	0.0	1500	125	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
3-4 AM	103	0.0	14	0.0	1500	103	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	93	0.0	13	0.0	1500	93	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
5-6 AM	123	0.0	17	0.0	1500	123	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
6-7 AM	182	0.0	24	0.0	1500	182	0	24	0.44	0	66.1	62.7	44.8	34.5	34.5
7-8 AM	303	0.0	41	0.0	1500	303	0	41	0.45	0	65.8	62.4	44.3	34.3	34.3
8-9 AM	557	0.0	74	0.0	1500	557	0	74	0.48	0	65.3	61.9	43.3	34.0	34.0
9-10 AM	933	0.0	125	0.0	OFF	933	0	125	0.00	0	64.6	64.6	64.6	33.4	33.4
10-11 AM	1428	0.0	190	0.0	OFF	1428	0	190	0.00	0	63.7	63.7	63.7	32.7	32.7
11A-NOON	1853	0.0	247	0.0	OFF	1853	0	247	0.00	0	62.9	62.9	62.9	32.0	32.0
NOON-1PM	1981	0.0	264	0.0	OFF	1981	0	264	0.00	0	62.7	62.7	62.7	31.9	31.9
1-2 PM	2031	0.0	271	0.0	OFF	2031	0	271	0.00	0	62.6	62.6	62.6	31.8	31.8
2-3 PM	2193	0.0	292	0.0	OFF	2193	0	292	0.00	0	62.3	62.3	62.3	31.5	31.5
3-4 PM	2297	0.0	306	0.0	OFF	2297	0	306	0.00	0	62.1	62.1	62.1	31.4	31.4
4-5 PM	2281	0.0	303	0.0	OFF	2281	0	303	0.00	0	62.2	62.2	62.2	31.4	31.4
5-6 PM	2349	0.0	313	0.0	OFF	2349	0	313	0.00	0	62.0	62.0	62.0	31.4	31.4
6-7 PM	1986	0.0	265	0.0	OFF	1986	0	265	0.00	0	62.7	62.7	62.7	31.9	31.9
7-8 PM	1818	0.0	242	0.0	1499	1818	0	242	6.90	174	63.0	35.1	30.8	32.1	32.1
8-9 PM	1479	0.0	197	0.0	1499	1479	0	197	13.29	330	63.7	25.0	30.8	32.6	32.6
9-10 PM	1046	0.0	139	0.0	1499	1046	0	139	3.94	116	64.5	44.0	37.3	33.2	33.2
10-11 PM	670	0.0	89	0.0	1500	670	0	89	0.49	0	65.1	61.5	42.8	33.8	33.8
11PM-MID	345	0.0	46	0.0	1500	345	0	46	0.46	0	65.8	62.3	44.1	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	0.0387
MAIN ROUTE WITH WORKS	0.0382
DIVERSION	0.1053

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$10,213
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES)
NIGHTTIME 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
SUNDAY EASTBOUND DIRECTION

