

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	MAY
	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	183	0.0	24	0.0	OFF	183	0	24	0.00	0	66.1	66.1	66.1	34.5	34.5
1-2 AM	104	0.0	14	0.0	OFF	104	0	14	0.00	0	66.2	66.2	66.2	34.7	34.7
2-3 AM	77	0.0	10	0.0	OFF	77	0	10	0.00	0	66.3	66.3	66.3	34.7	34.7
3-4 AM	71	0.0	9	0.0	OFF	71	0	9	0.00	0	66.3	66.3	66.3	34.7	34.7
4-5 AM	80	0.0	10	0.0	OFF	80	0	10	0.00	0	66.3	66.3	66.3	34.7	34.7
5-6 AM	173	0.0	23	0.0	OFF	173	0	23	0.00	0	66.1	66.1	66.1	34.5	34.5
6-7 AM	281	0.0	38	0.0	OFF	281	0	38	0.00	0	65.9	65.9	65.9	34.3	34.3
7-8 AM	510	0.0	68	0.0	OFF	510	0	68	0.00	0	65.5	65.5	65.5	34.0	34.0
8-9 AM	778	0.0	104	0.0	OFF	778	0	104	0.00	0	65.0	65.0	65.0	33.7	33.7
9-10 AM	1128	0.0	151	0.0	1500	1128	0	151	0.54	0	64.3	60.4	40.9	33.1	33.1
10-11 AM	1410	0.0	187	0.0	1499	1410	0	187	0.91	0	63.8	57.6	32.8	32.7	32.7
11A-NOON	1555	0.0	207	0.0	1499	1555	0	207	1.96	26	63.5	51.7	30.8	32.5	32.5
NOON-1PM	1451	0.0	194	0.0	1499	1451	0	194	2.33	36	63.7	50.1	31.1	32.7	32.7
1-2 PM	1384	0.0	184	0.0	1500	1384	0	184	0.88	0	63.8	57.8	33.3	32.7	32.7
2-3 PM	1315	0.0	175	0.0	1500	1315	0	175	0.79	0	64.0	58.6	35.1	32.9	32.9
3-4 PM	1308	0.0	174	0.0	1499	1308	0	174	0.78	0	64.0	58.6	35.3	32.9	32.9
4-5 PM	1509	0.0	201	0.0	1499	1509	0	201	1.19	5	63.6	55.8	31.0	32.6	32.6
5-6 PM	1562	0.0	208	0.0	1500	1562	0	208	3.41	65	63.5	45.5	30.8	32.5	32.5
6-7 PM	1068	0.0	142	0.0	1500	1068	0	142	0.87	9	64.4	58.4	40.4	33.2	33.2
7-8 PM	899	0.0	119	0.0	OFF	899	0	119	0.00	0	64.7	64.7	64.7	33.5	33.5
8-9 PM	704	0.0	94	0.0	OFF	704	0	94	0.00	0	65.1	65.1	65.1	33.7	33.7
9-10 PM	470	0.0	63	0.0	OFF	470	0	63	0.00	0	65.5	65.5	65.5	34.1	34.1
10-11 PM	299	0.0	40	0.0	OFF	299	0	40	0.00	0	65.8	65.8	65.8	34.3	34.3
11PM-MID	200	0.0	26	0.0	OFF	200	0	26	0.00	0	66.0	66.0	66.0	34.5	34.5

"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	0.0268
MAIN ROUTE WITH WORKS	0.0259
DIVERSION	0.0730

PIA: Personal Injury Accidents

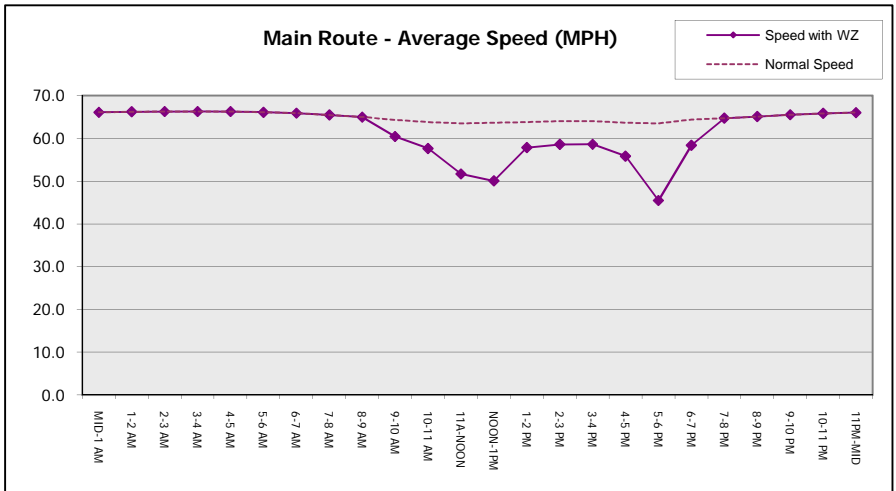
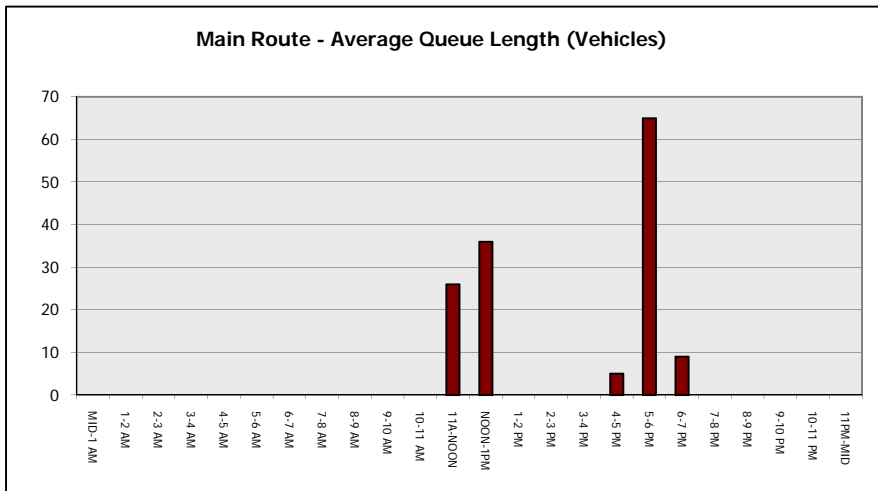
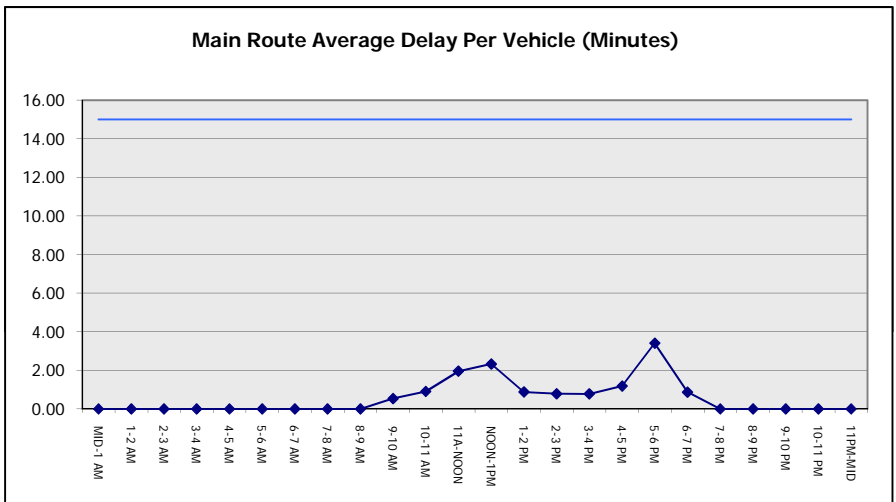
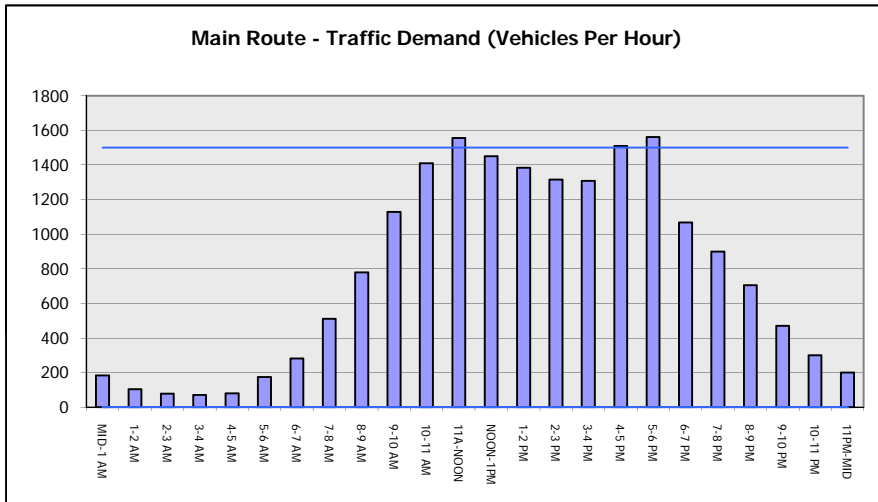
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$5,319
CONGESTED HOURS PER DAY*	0

*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

MAY
 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) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	MAY
	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			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	178	0.0	24	0.0	OFF	178	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	87	0.0	12	0.0	OFF	87	0	12	0.00	0	66.2	66.2	66.2	34.7	34.7
3-4 AM	65	0.0	8	0.0	OFF	65	0	8	0.00	0	66.3	66.3	66.3	34.7	34.7
4-5 AM	83	0.0	12	0.0	OFF	83	0	12	0.00	0	66.3	66.3	66.3	34.7	34.7
5-6 AM	119	0.0	16	0.0	OFF	119	0	16	0.00	0	66.1	66.1	66.1	34.6	34.6
6-7 AM	194	0.0	26	0.0	OFF	194	0	26	0.00	0	66.0	66.0	66.0	34.5	34.5
7-8 AM	340	0.0	45	0.0	OFF	340	0	45	0.00	0	65.8	65.8	65.8	34.3	34.3
8-9 AM	584	0.0	77	0.0	OFF	584	0	77	0.00	0	65.3	65.3	65.3	33.9	33.9
9-10 AM	1000	0.0	133	0.0	1499	1000	0	133	0.52	0	64.5	60.8	41.7	33.3	33.3
10-11 AM	1455	0.0	194	0.0	1499	1455	0	194	1.16	6	63.7	56.1	32.4	32.7	32.7
11A-NOON	1789	0.0	239	0.0	1500	1789	0	239	6.56	164	63.0	35.9	30.8	32.2	32.2
NOON-1PM	1685	0.0	224	0.0	1499	1685	0	224	16.05	410	63.2	22.1	30.8	32.3	32.3
1-2 PM	1729	0.0	230	0.0	1500	1729	0	230	23.52	612	63.2	17.0	30.8	32.2	32.2
2-3 PM	1770	0.0	235	0.0	1500	1770	0	235	32.83	863	63.1	13.2	30.8	32.2	32.2
3-4 PM	1752	0.0	233	0.0	1499	1617	135	369	40.52	1067	63.1	11.1	30.8	32.2	30.7
4-5 PM	1912	0.0	254	0.0	1499	1593	319	573	44.35	1171	62.8	10.3	30.8	32.0	28.5
5-6 PM	1771	0.0	235	0.0	1499	1425	346	581	44.55	1176	63.1	10.2	30.8	32.2	28.4
6-7 PM	1531	0.0	204	0.0	1499	1372	159	363	40.48	1065	63.5	11.1	30.8	32.5	30.8
7-8 PM	1412	0.0	188	0.0	OFF	1412	0	188	3.21	195	63.8	46.4	46.4	32.7	32.7
8-9 PM	1023	0.0	136	0.0	OFF	1023	0	136	0.00	0	64.5	64.5	64.5	33.3	33.3
9-10 PM	668	0.0	89	0.0	OFF	668	0	89	0.00	0	65.1	65.1	65.1	33.8	33.8
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	275	0.0	37	0.0	OFF	275	0	37	0.00	0	65.9	65.9	65.9	34.4	34.4

"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	0.0318
MAIN ROUTE WITH WORKS	0.0294
DIVERSION	0.1150

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$119,378
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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

