

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

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	OFF	162	0	22	0.00	0	66.1	66.1	66.1	34.5	34.5
1-2 AM	119	0.0	16	0.0	OFF	119	0	16	0.00	0	66.1	66.1	66.1	34.6	34.6
2-3 AM	112	0.0	15	0.0	OFF	112	0	15	0.00	0	66.2	66.2	66.2	34.6	34.6
3-4 AM	102	0.0	14	0.0	OFF	102	0	14	0.00	0	66.2	66.2	66.2	34.7	34.7
4-5 AM	190	0.0	25	0.0	OFF	190	0	25	0.00	0	66.0	66.0	66.0	34.5	34.5
5-6 AM	377	0.0	50	0.0	OFF	377	0	50	0.00	0	65.7	65.7	65.7	34.2	34.2
6-7 AM	843	0.0	112	0.0	OFF	843	0	112	0.00	0	64.8	64.8	64.8	33.5	33.5
7-8 AM	1200	0.0	160	0.0	OFF	1200	0	160	0.00	0	64.1	64.1	64.1	33.0	33.0
8-9 AM	1283	0.0	171	0.0	OFF	1283	0	171	0.00	0	64.0	64.0	64.0	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	OFF	2134	0	285	4.84	242	62.4	40.2	40.2	31.7	31.7
5-6 PM	2023	0.0	270	0.0	OFF	2023	0	270	0.00	0	62.6	62.6	62.6	31.8	31.8
6-7 PM	2173	0.0	290	0.0	OFF	2173	0	290	0.00	0	62.3	62.3	62.3	31.6	31.6
7-8 PM	1410	0.0	187	0.0	OFF	1410	0	187	0.00	0	63.8	63.8	63.8	32.7	32.7
8-9 PM	836	0.0	111	0.0	OFF	836	0	111	0.00	0	64.8	64.8	64.8	33.5	33.5
9-10 PM	652	0.0	87	0.0	OFF	652	0	87	0.00	0	65.1	65.1	65.1	33.8	33.8
10-11 PM	523	0.0	70	0.0	OFF	523	0	70	0.00	0	65.4	65.4	65.4	34.0	34.0
11PM-MID	363	0.0	48	0.0	OFF	363	0	48	0.00	0	65.7	65.7	65.7	34.2	34.2

"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	0.0372
MAIN ROUTE WITH WORKS	0.0365
DIVERSION	0.1014

PIA: Personal Injury Accidents

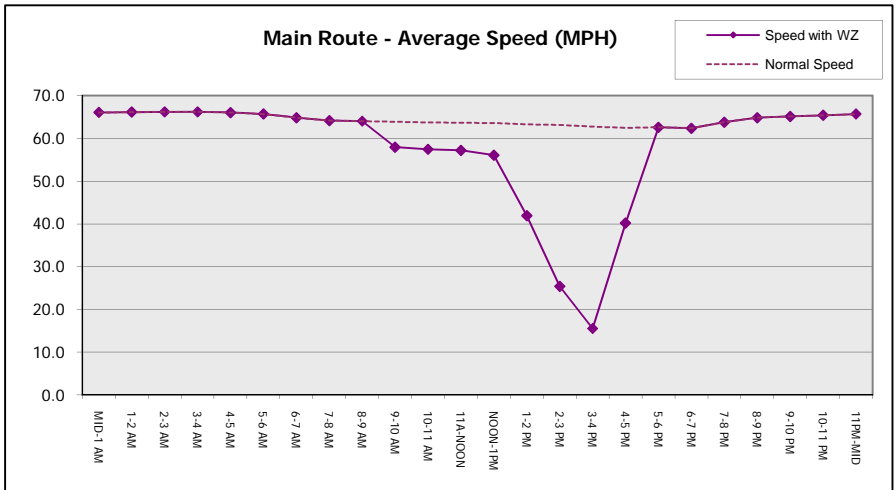
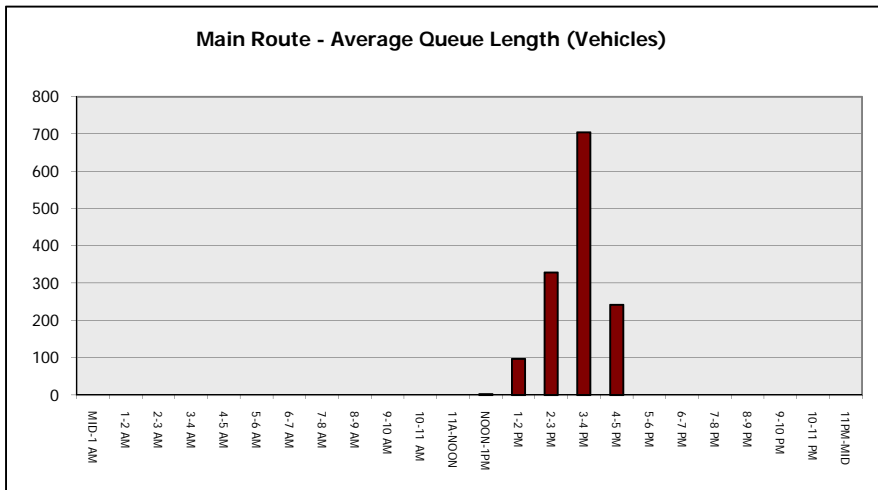
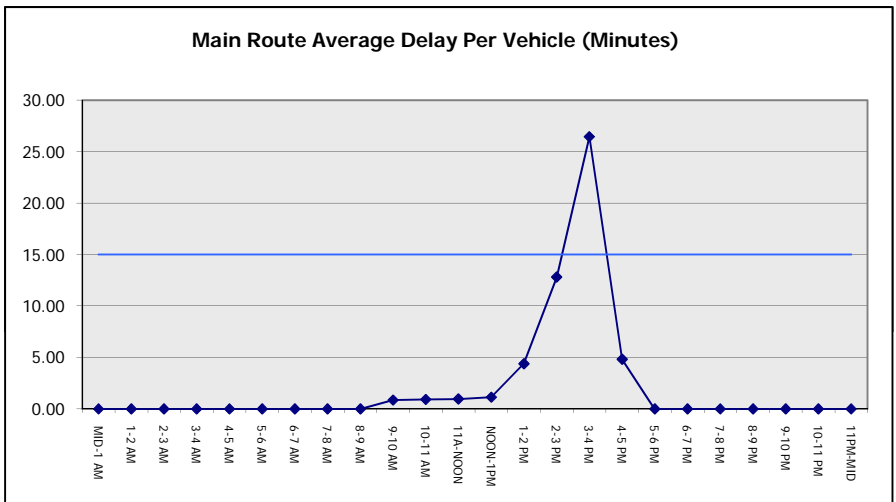
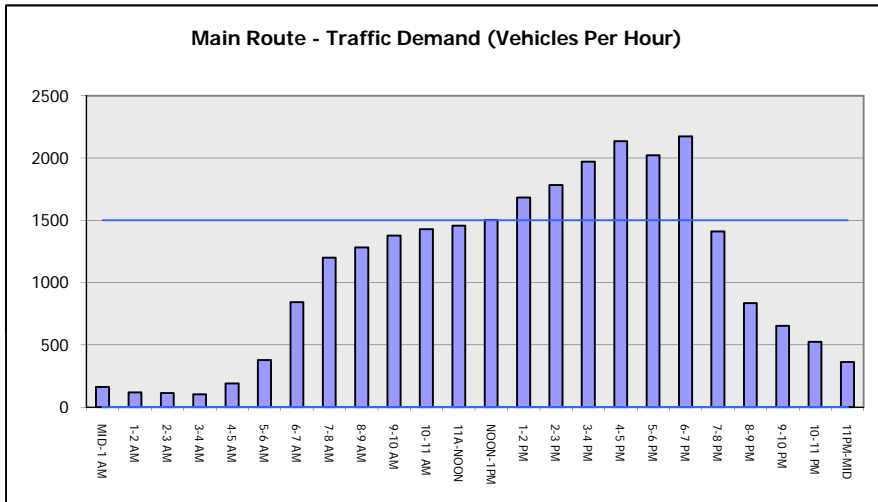
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$14,247
CONGESTED HOURS PER DAY*	1

*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
FRIDAY 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	OCTOBER
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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	OFF	130	0	18	0.00	0	66.1	66.1	66.1	34.6	34.6
1-2 AM	100	0.0	14	0.0	OFF	100	0	14	0.00	0	66.2	66.2	66.2	34.7	34.7
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	127	0.0	17	0.0	OFF	127	0	17	0.00	0	66.1	66.1	66.1	34.6	34.6
4-5 AM	205	0.0	27	0.0	OFF	205	0	27	0.00	0	66.0	66.0	66.0	34.5	34.5
5-6 AM	447	0.0	60	0.0	OFF	447	0	60	0.00	0	65.6	65.6	65.6	34.1	34.1
6-7 AM	787	0.0	105	0.0	OFF	787	0	105	0.00	0	64.9	64.9	64.9	33.7	33.7
7-8 AM	1006	0.0	134	0.0	OFF	1006	0	134	0.00	0	64.5	64.5	64.5	33.3	33.3
8-9 AM	873	0.0	116	0.0	OFF	873	0	116	0.00	0	64.8	64.8	64.8	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	OFF	1826	0	243	0.28	14	63.0	61.0	61.0	32.1	32.1
5-6 PM	1697	0.0	226	0.0	OFF	1697	0	226	0.00	0	63.2	63.2	63.2	32.3	32.3
6-7 PM	1318	0.0	176	0.0	OFF	1318	0	176	0.00	0	63.9	63.9	63.9	32.9	32.9
7-8 PM	979	0.0	131	0.0	OFF	979	0	131	0.00	0	64.6	64.6	64.6	33.3	33.3
8-9 PM	734	0.0	97	0.0	OFF	734	0	97	0.00	0	65.0	65.0	65.0	33.7	33.7
9-10 PM	493	0.0	66	0.0	OFF	493	0	66	0.00	0	65.5	65.5	65.5	34.0	34.0
10-11 PM	546	0.0	73	0.0	OFF	546	0	73	0.00	0	65.4	65.4	65.4	34.0	34.0
11PM-MID	442	0.0	59	0.0	OFF	442	0	59	0.00	0	65.6	65.6	65.6	34.2	34.2

"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	0.0293
MAIN ROUTE WITH WORKS	0.0288
DIVERSION	0.0799

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,297
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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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
FRIDAY EASTBOUND DIRECTION

