

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	AUGUST
	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	218	0.0	29	0.0	OFF	218	0	29	0.00	0	66.0	66.0	66.0	34.5	34.5
1-2 AM	143	0.0	19	0.0	OFF	143	0	19	0.00	0	66.1	66.1	66.1	34.6	34.6
2-3 AM	132	0.0	18	0.0	OFF	132	0	18	0.00	0	66.1	66.1	66.1	34.6	34.6
3-4 AM	110	0.0	15	0.0	OFF	110	0	15	0.00	0	66.2	66.2	66.2	34.6	34.6
4-5 AM	163	0.0	22	0.0	OFF	163	0	22	0.00	0	66.1	66.1	66.1	34.5	34.5
5-6 AM	361	0.0	48	0.0	OFF	361	0	48	0.00	0	65.7	65.7	65.7	34.3	34.3
6-7 AM	816	0.0	109	0.0	OFF	816	0	109	0.00	0	64.9	64.9	64.9	33.6	33.6
7-8 AM	1159	0.0	155	0.0	OFF	1159	0	155	0.00	0	64.2	64.2	64.2	33.1	33.1
8-9 AM	1307	0.0	174	0.0	OFF	1307	0	174	0.00	0	64.0	64.0	64.0	32.9	32.9
9-10 AM	1488	0.0	198	0.0	1499	1488	0	198	1.09	2	63.6	56.4	31.2	32.6	32.6
10-11 AM	1572	0.0	209	0.0	1500	1572	0	209	2.58	43	63.5	48.8	30.8	32.5	32.5
11A-NOON	1584	0.0	211	0.0	1499	1584	0	211	5.38	119	63.4	39.1	30.8	32.5	32.5
NOON-1PM	1736	0.0	231	0.0	1500	1736	0	231	11.01	278	63.2	27.8	30.8	32.2	32.2
1-2 PM	1782	0.0	238	0.0	1500	1782	0	238	20.65	538	63.1	18.6	30.8	32.2	32.2
2-3 PM	1891	0.0	252	0.0	1500	1891	0	252	32.96	872	62.8	13.1	30.8	32.0	32.0
3-4 PM	2007	0.0	268	0.0	1499	1686	321	589	44.65	1181	62.7	10.2	30.8	31.9	28.3
4-5 PM	2100	0.0	279	0.0	OFF	2100	0	279	8.03	418	62.5	32.5	32.5	31.7	31.7
5-6 PM	2168	0.0	289	0.0	OFF	2168	0	289	0.00	0	62.3	62.3	62.3	31.6	31.6
6-7 PM	2032	0.0	271	0.0	OFF	2032	0	271	0.00	0	62.6	62.6	62.6	31.8	31.8
7-8 PM	1404	0.0	187	0.0	OFF	1404	0	187	0.00	0	63.8	63.8	63.8	32.7	32.7
8-9 PM	939	0.0	125	0.0	OFF	939	0	125	0.00	0	64.6	64.6	64.6	33.4	33.4
9-10 PM	721	0.0	96	0.0	OFF	721	0	96	0.00	0	65.0	65.0	65.0	33.7	33.7
10-11 PM	628	0.0	84	0.0	OFF	628	0	84	0.00	0	65.2	65.2	65.2	33.8	33.8
11PM-MID	493	0.0	66	0.0	OFF	493	0	66	0.00	0	65.5	65.5	65.5	34.0	34.0

"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	0.0390
MAIN ROUTE WITH WORKS	0.0378
DIVERSION	0.1159

PIA: Personal Injury Accidents

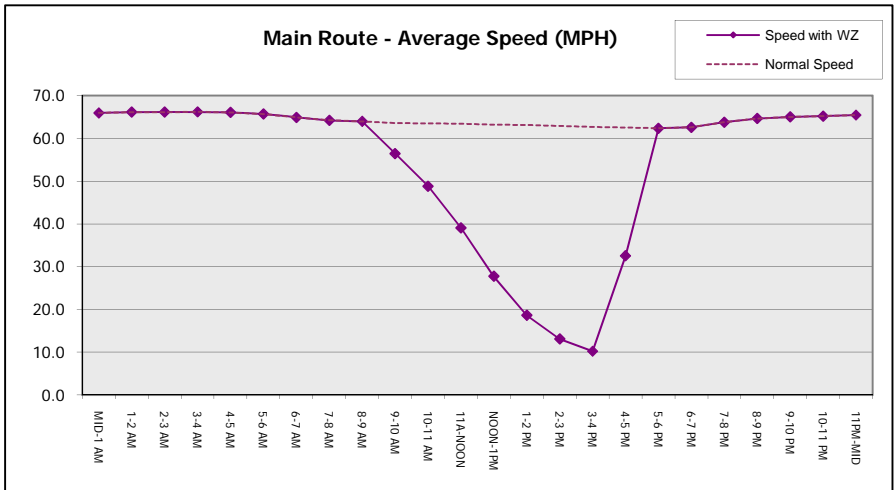
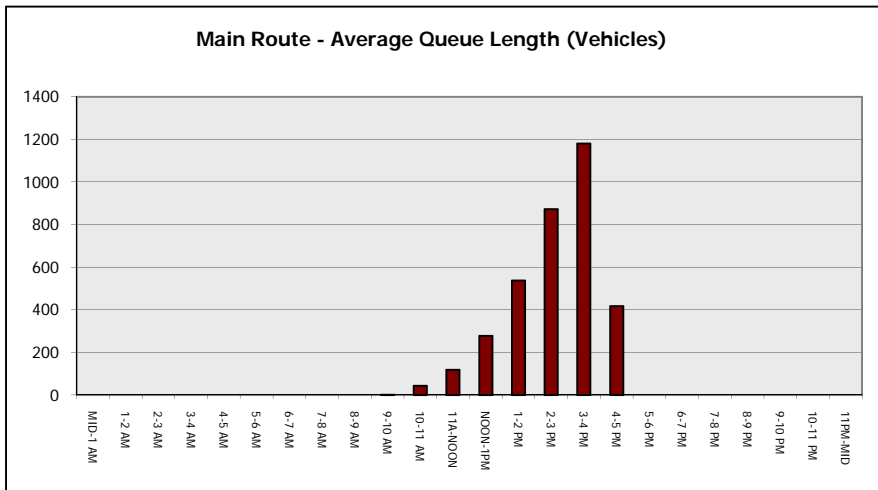
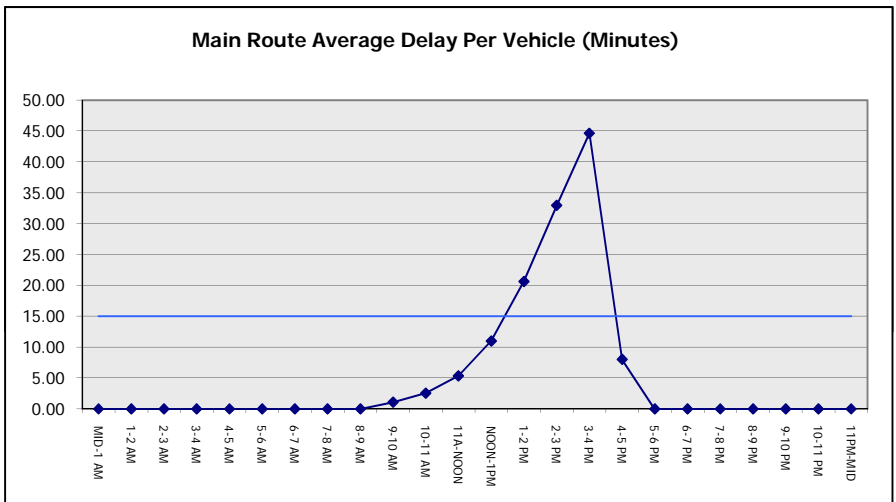
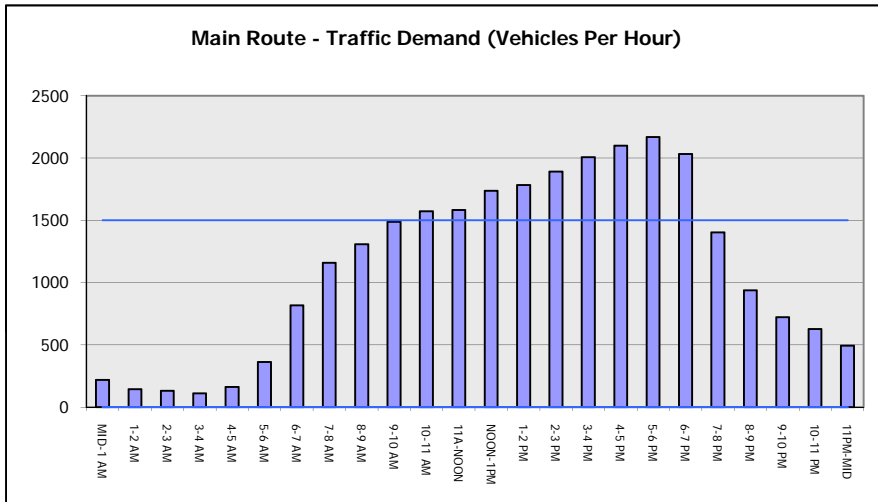
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$41,815
CONGESTED HOURS PER DAY*	3

*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

AUGUST
 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	AUGUST Analyzed for 2009 Construction Season
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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	218	0.0	29	0.0	OFF	218	0	29	0.00	0	66.0	66.0	66.0	34.5	34.5
1-2 AM	121	0.0	16	0.0	OFF	121	0	16	0.00	0	66.1	66.1	66.1	34.6	34.6
2-3 AM	103	0.0	14	0.0	OFF	103	0	14	0.00	0	66.2	66.2	66.2	34.7	34.7
3-4 AM	136	0.0	18	0.0	OFF	136	0	18	0.00	0	66.1	66.1	66.1	34.6	34.6
4-5 AM	222	0.0	29	0.0	OFF	222	0	29	0.00	0	66.0	66.0	66.0	34.5	34.5
5-6 AM	439	0.0	59	0.0	OFF	439	0	59	0.00	0	65.6	65.6	65.6	34.2	34.2
6-7 AM	767	0.0	103	0.0	OFF	767	0	103	0.00	0	65.0	65.0	65.0	33.7	33.7
7-8 AM	1012	0.0	135	0.0	OFF	1012	0	135	0.00	0	64.5	64.5	64.5	33.3	33.3
8-9 AM	925	0.0	123	0.0	OFF	925	0	123	0.00	0	64.6	64.6	64.6	33.4	33.4
9-10 AM	972	0.0	130	0.0	1500	972	0	130	0.52	0	64.6	60.9	41.8	33.3	33.3
10-11 AM	1080	0.0	144	0.0	1500	1080	0	144	0.53	0	64.4	60.6	41.4	33.2	33.2
11A-NOON	1152	0.0	154	0.0	1500	1152	0	154	0.57	0	64.2	60.2	40.1	33.1	33.1
NOON-1PM	1276	0.0	170	0.0	1499	1276	0	170	0.73	0	64.0	58.9	36.2	32.9	32.9
1-2 PM	1468	0.0	196	0.0	1499	1468	0	196	1.02	1	63.7	56.9	31.5	32.6	32.6
2-3 PM	1614	0.0	215	0.0	1500	1614	0	215	2.86	52	63.4	47.6	30.8	32.4	32.4
3-4 PM	1759	0.0	234	0.0	1500	1759	0	234	9.55	241	63.1	30.0	30.8	32.2	32.2
4-5 PM	1840	0.0	245	0.0	OFF	1840	0	245	0.59	32	63.0	58.9	58.9	32.1	32.1
5-6 PM	1757	0.0	234	0.0	OFF	1757	0	234	0.00	0	63.1	63.1	63.1	32.2	32.2
6-7 PM	1366	0.0	182	0.0	OFF	1366	0	182	0.00	0	63.8	63.8	63.8	32.8	32.8
7-8 PM	1055	0.0	140	0.0	OFF	1055	0	140	0.00	0	64.4	64.4	64.4	33.2	33.2
8-9 PM	871	0.0	116	0.0	OFF	871	0	116	0.00	0	64.8	64.8	64.8	33.5	33.5
9-10 PM	748	0.0	99	0.0	OFF	748	0	99	0.00	0	65.0	65.0	65.0	33.7	33.7
10-11 PM	543	0.0	72	0.0	OFF	543	0	72	0.00	0	65.4	65.4	65.4	34.0	34.0
11PM-MID	398	0.0	53	0.0	OFF	398	0	53	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	0.0316
MAIN ROUTE WITH WORKS	0.0310
DIVERSION	0.0862

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$4,667
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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

