

IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: IH 39 - USH 12 - STH 73	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	284	0.0	62	0.0	1500	284	0	62	0.45	0	65.8	62.8	44.3	43.8	43.8
1-2 AM	186	0.0	41	0.0	1500	186	0	41	0.44	0	66.0	63.0	44.7	44.2	44.2
2-3 AM	172	0.0	38	0.0	1500	172	0	38	0.44	0	66.1	63.0	44.8	44.2	44.2
3-4 AM	143	0.0	31	0.0	1500	143	0	31	0.44	0	66.1	63.1	44.9	44.3	44.3
4-5 AM	212	0.0	46	0.0	1500	212	0	46	0.44	0	66.0	63.0	44.6	44.0	44.0
5-6 AM	470	0.0	103	0.0	OFF	470	0	103	0.00	0	65.5	65.5	65.5	43.2	43.2
6-7 AM	1062	0.0	231	0.0	OFF	1062	0	231	0.00	0	64.4	64.4	64.4	41.4	41.4
7-8 AM	1510	0.0	330	0.0	OFF	1510	0	330	0.00	0	63.6	63.6	63.6	40.0	40.0
8-9 AM	1701	0.0	371	0.0	OFF	1701	0	371	0.00	0	63.2	63.2	63.2	39.4	39.4
9-10 AM	1937	0.0	423	0.0	OFF	1937	0	423	0.00	0	62.8	62.8	62.8	38.7	38.7
10-11 AM	2047	0.0	447	0.0	OFF	2047	0	447	0.00	0	62.6	62.6	62.6	38.4	38.4
11A-NOON	2062	0.0	450	0.0	OFF	2062	0	450	0.00	0	62.5	62.5	62.5	38.3	38.3
NOON-1PM	2260	0.0	493	0.0	OFF	2260	0	493	0.00	0	62.2	62.2	62.2	37.7	37.7
1-2 PM	2320	0.0	506	0.0	OFF	2320	0	506	0.00	0	62.0	62.0	62.0	37.5	37.5
2-3 PM	2461	0.0	537	0.0	OFF	2461	0	537	0.00	0	61.3	61.3	61.3	37.1	37.1
3-4 PM	2613	0.0	570	0.0	OFF	2613	0	570	0.00	0	59.7	59.7	59.7	36.6	36.6
4-5 PM	2733	0.0	596	0.0	OFF	2733	0	596	0.00	0	58.5	58.5	58.5	36.2	36.2
5-6 PM	2823	0.0	616	0.0	OFF	2823	0	616	0.00	0	57.6	57.6	57.6	36.0	36.0
6-7 PM	2645	0.0	578	0.0	OFF	2645	0	578	0.00	0	59.4	59.4	59.4	36.5	36.5
7-8 PM	1829	0.0	399	0.0	1499	1829	0	399	8.21	209	63.0	34.0	30.8	39.1	39.1
8-9 PM	1221	0.0	267	0.0	1499	1221	0	267	8.47	217	64.1	33.8	33.0	40.9	40.9
9-10 PM	939	0.0	205	0.0	1500	939	0	205	0.60	2	64.6	60.7	41.9	41.8	41.8
10-11 PM	817	0.0	178	0.0	1500	817	0	178	0.50	0	64.8	61.5	42.4	42.2	42.2
11PM-MID	641	0.0	140	0.0	1500	641	0	140	0.48	0	65.2	62.0	43.0	42.7	42.7

"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	0.0564
MAIN ROUTE WITH WORKS	0.0560
DIVERSION	0.0581

PIA: Personal Injury Accidents

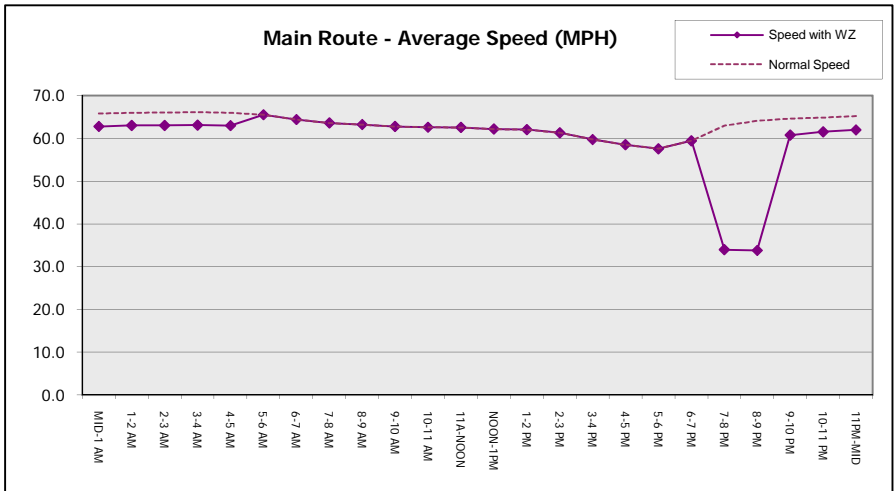
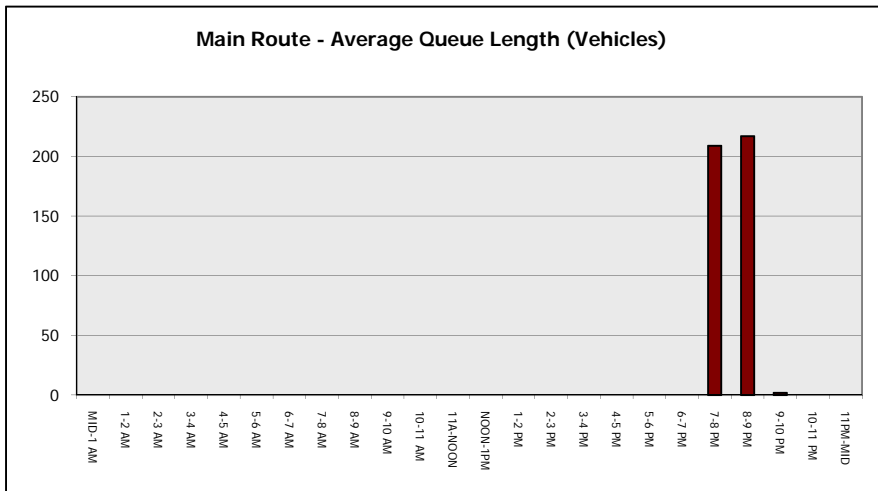
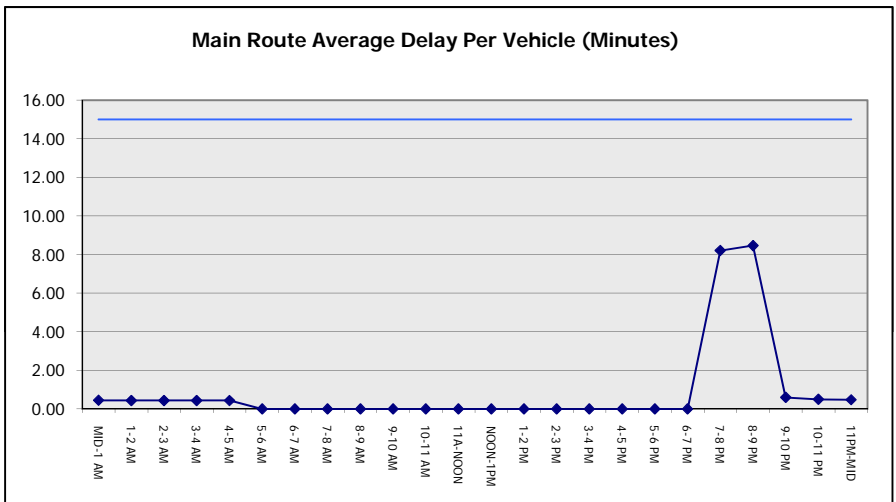
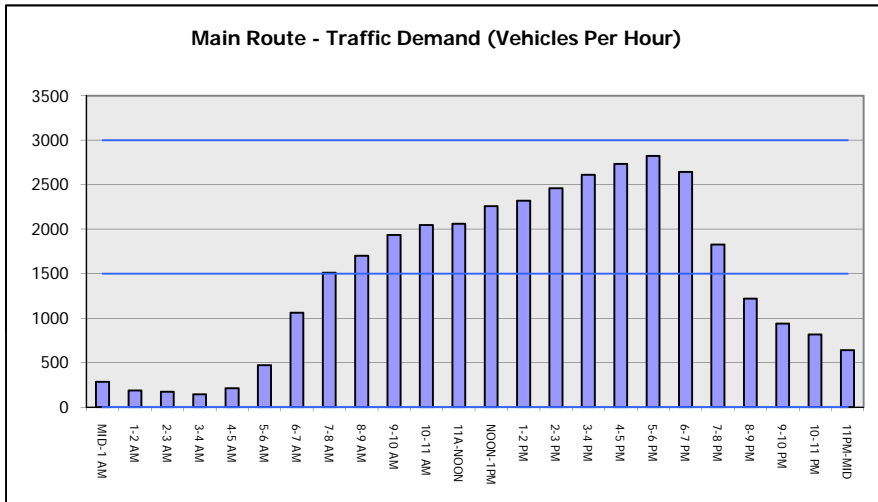
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$6,285
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)
 NIGHTTIME CLOSURE
 DIVERSION ROUTE: IH 39 - USH 12 - STH 73**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: IH 39 - USH 12 - STH 73	AUGUST
	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	284	0.0	62	0.0	1500	284	0	62	0.45	0	65.8	62.8	44.3	43.8	43.8
1-2 AM	158	0.0	35	0.0	1500	158	0	35	0.44	0	66.1	63.1	44.8	44.2	44.2
2-3 AM	134	0.0	29	0.0	1500	134	0	29	0.44	0	66.1	63.2	45.0	44.3	44.3
3-4 AM	177	0.0	39	0.0	1500	177	0	39	0.44	0	66.1	63.0	44.8	44.2	44.2
4-5 AM	289	0.0	63	0.0	1500	289	0	63	0.45	0	65.8	62.8	44.3	43.8	43.8
5-6 AM	572	0.0	124	0.0	OFF	572	0	124	0.00	0	65.3	65.3	65.3	42.9	42.9
6-7 AM	998	0.0	218	0.0	OFF	998	0	218	0.00	0	64.5	64.5	64.5	41.6	41.6
7-8 AM	1317	0.0	288	0.0	OFF	1317	0	288	0.00	0	63.9	63.9	63.9	40.6	40.6
8-9 AM	1204	0.0	263	0.0	OFF	1204	0	263	0.00	0	64.1	64.1	64.1	41.0	41.0
9-10 AM	1266	0.0	276	0.0	OFF	1266	0	276	0.00	0	64.0	64.0	64.0	40.8	40.8
10-11 AM	1406	0.0	307	0.0	OFF	1406	0	307	0.00	0	63.8	63.8	63.8	40.4	40.4
11A-NOON	1501	0.0	327	0.0	OFF	1501	0	327	0.00	0	63.6	63.6	63.6	40.1	40.1
NOON-1PM	1661	0.0	362	0.0	OFF	1661	0	362	0.00	0	63.3	63.3	63.3	39.6	39.6
1-2 PM	1911	0.0	416	0.0	OFF	1911	0	416	0.00	0	62.8	62.8	62.8	38.8	38.8
2-3 PM	2101	0.0	458	0.0	OFF	2101	0	458	0.00	0	62.5	62.5	62.5	38.2	38.2
3-4 PM	2290	0.0	499	0.0	OFF	2290	0	499	0.00	0	62.1	62.1	62.1	37.6	37.6
4-5 PM	2394	0.0	522	0.0	OFF	2394	0	522	0.00	0	61.9	61.9	61.9	37.3	37.3
5-6 PM	2286	0.0	499	0.0	OFF	2286	0	499	0.00	0	62.1	62.1	62.1	37.6	37.6
6-7 PM	1778	0.0	388	0.0	OFF	1778	0	388	0.00	0	63.1	63.1	63.1	39.2	39.2
7-8 PM	1373	0.0	299	0.0	1500	1373	0	299	0.86	0	63.8	58.5	33.6	40.4	40.4
8-9 PM	1134	0.0	247	0.0	1500	1134	0	247	0.55	0	64.3	60.7	40.7	41.2	41.2
9-10 PM	973	0.0	212	0.0	1500	973	0	212	0.52	0	64.6	61.2	41.8	41.7	41.7
10-11 PM	707	0.0	154	0.0	1500	707	0	154	0.49	0	65.1	61.8	42.7	42.5	42.5
11PM-MID	518	0.0	113	0.0	1500	518	0	113	0.47	0	65.4	62.2	43.4	43.1	43.1

"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	0.0457
MAIN ROUTE WITH WORKS	0.0453
DIVERSION	0.0471

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$781
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)
NIGHTTIME CLOSURE
DIVERSION ROUTE: IH 39 - USH 12 - STH 73**

AUGUST
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

