

IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY) OFF-PEAK DAY 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	OFF	284	0	62	0.00	0	65.8	65.8	65.8	43.8	43.8
1-2 AM	186	0.0	41	0.0	OFF	186	0	41	0.00	0	66.0	66.0	66.0	44.2	44.2
2-3 AM	172	0.0	38	0.0	OFF	172	0	38	0.00	0	66.1	66.1	66.1	44.2	44.2
3-4 AM	143	0.0	31	0.0	OFF	143	0	31	0.00	0	66.1	66.1	66.1	44.3	44.3
4-5 AM	212	0.0	46	0.0	OFF	212	0	46	0.00	0	66.0	66.0	66.0	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	1499	2047	0	447	9.60	269	62.6	31.4	30.8	38.4	38.4
11A-NOON	2062	0.0	450	0.0	1499	1749	313	763	26.82	703	62.5	16.6	30.8	38.3	33.8
NOON-1PM	2260	0.0	493	0.0	1500	1640	620	1113	33.08	871	62.2	14.2	30.8	37.7	28.9
1-2 PM	2320	0.0	506	0.0	1500	1561	759	1265+	36.53	964	62.0	13.1	30.8	37.5	26.7
2-3 PM	2461	0.0	537	0.0	1500	1612	849	1386+	39.59	1050	61.3	12.2	30.8	37.1	25.0
3-4 PM	2613	0.0	570	0.0	OFF	2613	0	570	9.02	442	59.7	31.6	31.6	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	OFF	1829	0	399	0.00	0	63.0	63.0	63.0	39.1	39.1
8-9 PM	1221	0.0	267	0.0	OFF	1221	0	267	0.00	0	64.1	64.1	64.1	40.9	40.9
9-10 PM	939	0.0	205	0.0	OFF	939	0	205	0.00	0	64.6	64.6	64.6	41.8	41.8
10-11 PM	817	0.0	178	0.0	OFF	817	0	178	0.00	0	64.8	64.8	64.8	42.2	42.2
11PM-MID	641	0.0	140	0.0	OFF	641	0	140	0.00	0	65.2	65.2	65.2	42.7	42.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

----- 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	0.0517
DIVERSION	0.0774

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$76,989
CONGESTED HOURS PER DAY*	4

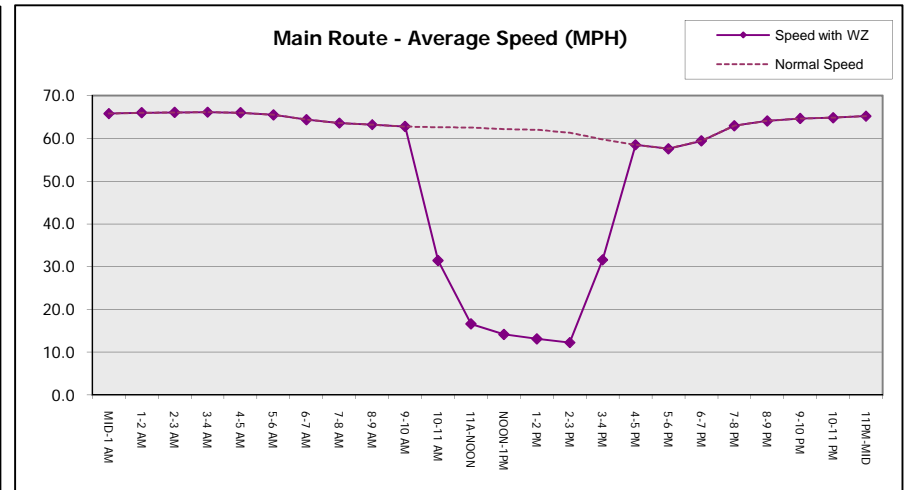
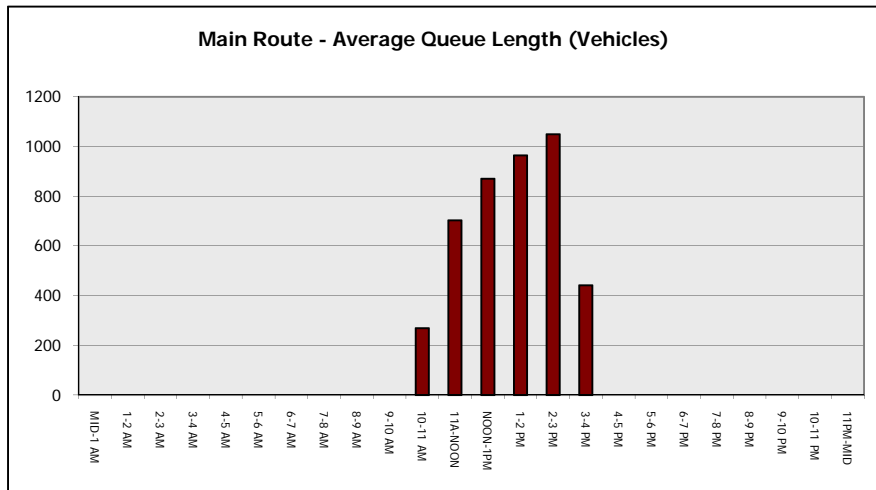
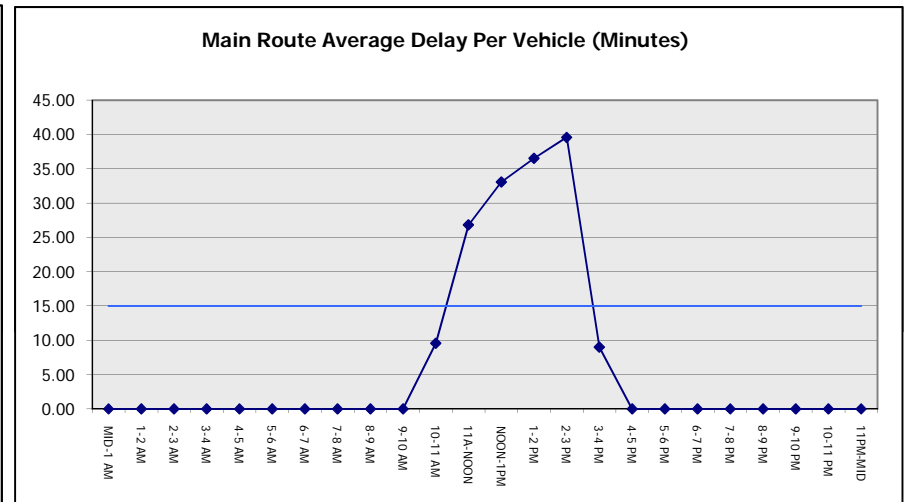
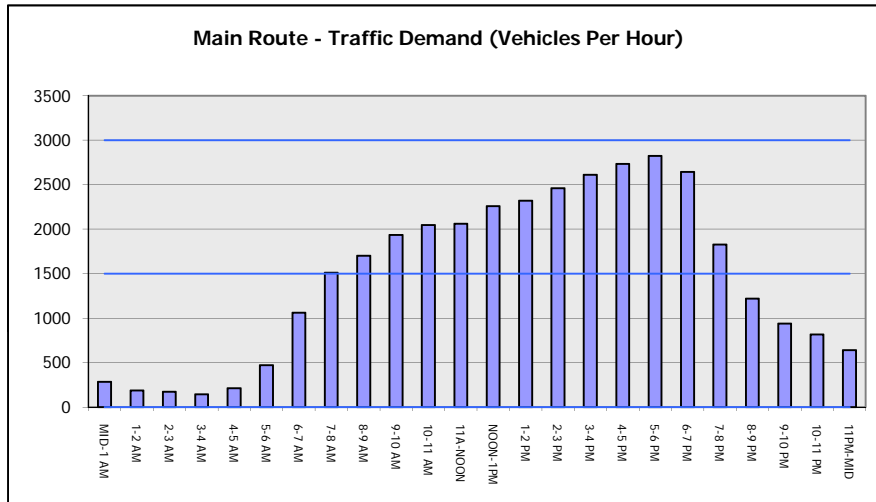
*Delays Exceeding 15 Minutes

IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)
OFF-PEAK DAY 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) OFF-PEAK DAY 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	OFF	284	0	62	0.00	0	65.8	65.8	65.8	43.8	43.8
1-2 AM	158	0.0	35	0.0	OFF	158	0	35	0.00	0	66.1	66.1	66.1	44.2	44.2
2-3 AM	134	0.0	29	0.0	OFF	134	0	29	0.00	0	66.1	66.1	66.1	44.3	44.3
3-4 AM	177	0.0	39	0.0	OFF	177	0	39	0.00	0	66.1	66.1	66.1	44.2	44.2
4-5 AM	289	0.0	63	0.0	OFF	289	0	63	0.00	0	65.8	65.8	65.8	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	1499	1406	0	307	0.90	0	63.8	58.2	32.9	40.4	40.4
11A-NOON	1501	0.0	327	0.0	1499	1501	0	327	1.15	4	63.6	56.8	31.1	40.1	40.1
NOON-1PM	1661	0.0	362	0.0	1500	1661	0	362	3.92	83	63.3	44.9	30.8	39.6	39.6
1-2 PM	1911	0.0	416	0.0	1500	1911	0	416	13.87	368	62.8	25.8	30.8	38.8	38.8
2-3 PM	2101	0.0	458	0.0	1499	1738	363	821	27.73	728	62.5	16.2	30.8	38.2	33.0
3-4 PM	2290	0.0	499	0.0	OFF	2290	0	499	4.33	199	62.1	43.0	43.0	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	OFF	1373	0	299	0.00	0	63.8	63.8	63.8	40.4	40.4
8-9 PM	1134	0.0	247	0.0	OFF	1134	0	247	0.00	0	64.3	64.3	64.3	41.2	41.2
9-10 PM	973	0.0	212	0.0	OFF	973	0	212	0.00	0	64.6	64.6	64.6	41.7	41.7
10-11 PM	707	0.0	154	0.0	OFF	707	0	154	0.00	0	65.1	65.1	65.1	42.5	42.5
11PM-MID	518	0.0	113	0.0	OFF	518	0	113	0.00	0	65.4	65.4	65.4	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	0.0446
DIVERSION	0.0498

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$22,565
CONGESTED HOURS PER DAY*	1

*Delays Exceeding 15 Minutes

IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)
OFF-PEAK DAY 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

