

IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: IH 39 - USH 12 - STH 73	MAY
	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	219	0.0	48	0.0	OFF	219	0	48	0.00	0	66.0	66.0	66.0	44.0	44.0
1-2 AM	156	0.0	35	0.0	OFF	156	0	35	0.00	0	66.1	66.1	66.1	44.2	44.2
2-3 AM	144	0.0	31	0.0	OFF	144	0	31	0.00	0	66.1	66.1	66.1	44.3	44.3
3-4 AM	162	0.0	36	0.0	OFF	162	0	36	0.00	0	66.1	66.1	66.1	44.2	44.2
4-5 AM	258	0.0	57	0.0	OFF	258	0	57	0.00	0	65.9	65.9	65.9	43.9	43.9
5-6 AM	641	0.0	140	0.0	OFF	641	0	140	0.00	0	65.2	65.2	65.2	42.7	42.7
6-7 AM	1201	0.0	262	0.0	OFF	1201	0	262	0.00	0	64.1	64.1	64.1	41.0	41.0
7-8 AM	1600	0.0	349	0.0	OFF	1600	0	349	0.00	0	63.4	63.4	63.4	39.7	39.7
8-9 AM	1627	0.0	355	0.0	OFF	1627	0	355	0.00	0	63.3	63.3	63.3	39.7	39.7
9-10 AM	1765	0.0	385	0.0	OFF	1765	0	385	0.00	0	63.1	63.1	63.1	39.2	39.2
10-11 AM	1696	0.0	370	0.0	1499	1696	0	370	4.28	95	63.2	43.7	30.8	39.4	39.4
11A-NOON	1855	0.0	405	0.0	1500	1855	0	405	14.05	368	62.9	25.6	30.8	38.9	38.9
NOON-1PM	1883	0.0	411	0.0	1499	1658	225	637	25.03	651	62.8	17.5	30.8	38.9	35.6
1-2 PM	2058	0.0	449	0.0	1500	1605	454	903	29.10	762	62.5	15.6	30.8	38.3	31.9
2-3 PM	2254	0.0	492	0.0	1499	1625	629	1121	33.24	875	62.2	14.1	30.8	37.7	28.8
3-4 PM	2456	0.0	536	0.0	OFF	2456	0	536	6.12	285	61.4	37.9	37.9	37.1	37.1
4-5 PM	2748	0.0	600	0.0	OFF	2748	0	600	0.00	0	58.4	58.4	58.4	36.1	36.1
5-6 PM	2715	0.0	592	0.0	OFF	2715	0	592	0.00	0	58.7	58.7	58.7	36.3	36.3
6-7 PM	2158	0.0	471	0.0	OFF	2158	0	471	0.00	0	62.3	62.3	62.3	38.0	38.0
7-8 PM	1367	0.0	298	0.0	OFF	1367	0	298	0.00	0	63.8	63.8	63.8	40.5	40.5
8-9 PM	982	0.0	215	0.0	OFF	982	0	215	0.00	0	64.6	64.6	64.6	41.7	41.7
9-10 PM	797	0.0	174	0.0	OFF	797	0	174	0.00	0	64.9	64.9	64.9	42.2	42.2
10-11 PM	807	0.0	176	0.0	OFF	807	0	176	0.00	0	64.9	64.9	64.9	42.2	42.2
11PM-MID	479	0.0	105	0.0	OFF	479	0	105	0.00	0	65.5	65.5	65.5	43.2	43.2

"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	0.0515
MAIN ROUTE WITH WORKS	0.0488
DIVERSION	0.0630

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$46,424
CONGESTED HOURS PER DAY*	3

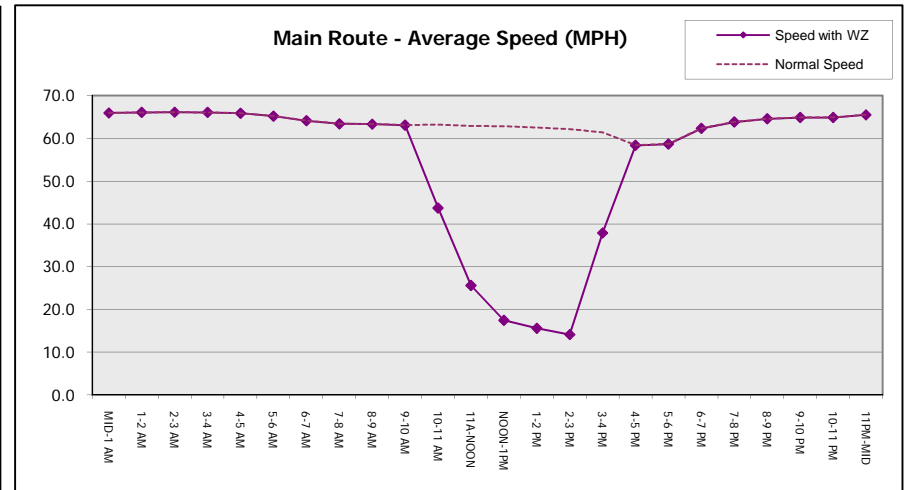
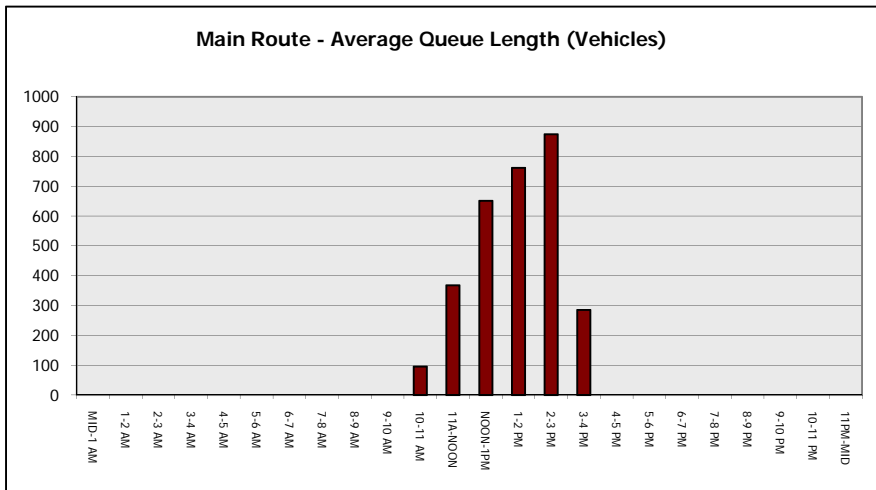
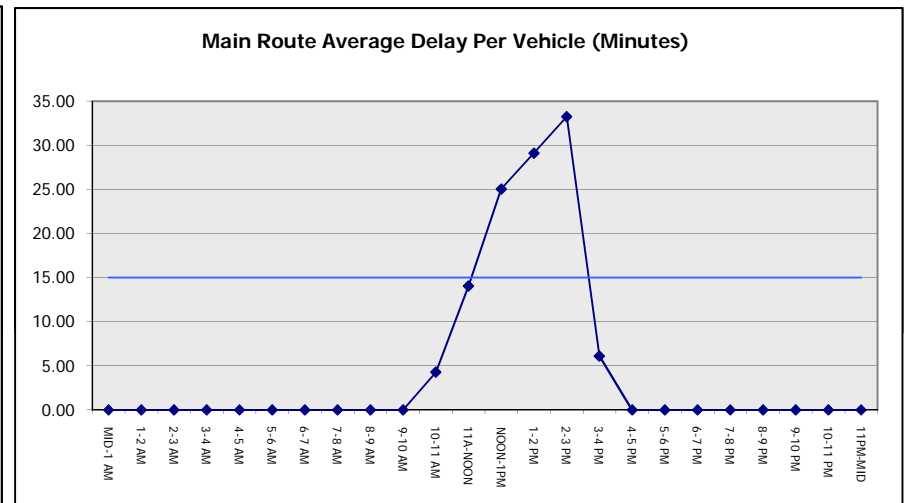
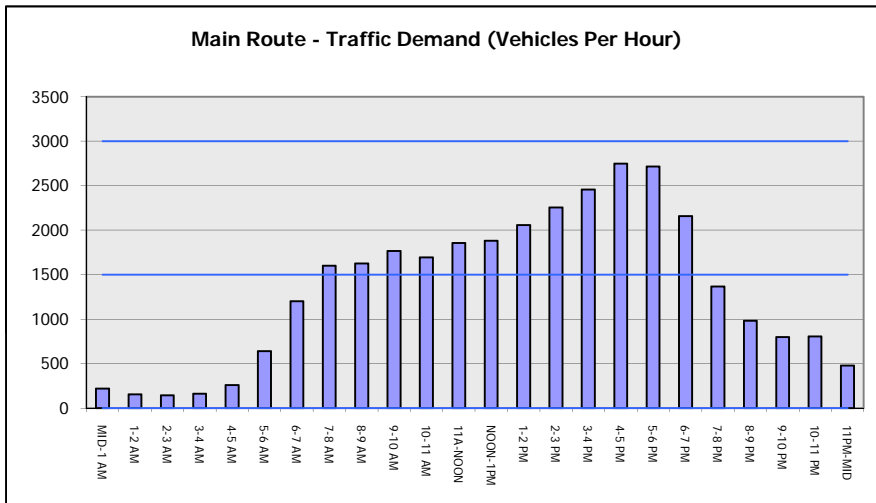
*Delays Exceeding 15 Minutes

IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: IH 39 - USH 12 - STH 73

MAY
 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	MAY
	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	167	0.0	37	0.0	OFF	167	0	37	0.00	0	66.1	66.1	66.1	44.2	44.2
1-2 AM	151	0.0	32	0.0	OFF	151	0	32	0.00	0	66.1	66.1	66.1	44.3	44.3
2-3 AM	140	0.0	30	0.0	OFF	140	0	30	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	348	0.0	76	0.0	OFF	348	0	76	0.00	0	65.8	65.8	65.8	43.6	43.6
5-6 AM	693	0.0	151	0.0	OFF	693	0	151	0.00	0	65.1	65.1	65.1	42.5	42.5
6-7 AM	1074	0.0	234	0.0	OFF	1074	0	234	0.00	0	64.4	64.4	64.4	41.4	41.4
7-8 AM	1286	0.0	280	0.0	OFF	1286	0	280	0.00	0	64.0	64.0	64.0	40.7	40.7
8-9 AM	1134	0.0	248	0.0	OFF	1134	0	248	0.00	0	64.3	64.3	64.3	41.2	41.2
9-10 AM	1119	0.0	244	0.0	OFF	1119	0	244	0.00	0	64.3	64.3	64.3	41.2	41.2
10-11 AM	1146	0.0	250	0.0	1500	1146	0	250	0.57	0	64.3	60.6	40.2	41.2	41.2
11A-NOON	1278	0.0	278	0.0	1499	1278	0	278	0.74	0	64.0	59.4	36.1	40.7	40.7
NOON-1PM	1534	0.0	335	0.0	1499	1534	0	335	1.38	10	63.5	55.5	30.9	39.9	39.9
1-2 PM	1679	0.0	366	0.0	1500	1679	0	366	5.27	120	63.3	40.8	30.8	39.5	39.5
2-3 PM	1882	0.0	410	0.0	1500	1882	0	410	15.14	399	62.9	24.5	30.8	38.9	38.9
3-4 PM	2113	0.0	460	0.0	OFF	2113	0	460	2.07	96	62.5	51.4	51.4	38.1	38.1
4-5 PM	2304	0.0	502	0.0	OFF	2304	0	502	0.00	0	62.1	62.1	62.1	37.6	37.6
5-6 PM	2094	0.0	456	0.0	OFF	2094	0	456	0.00	0	62.5	62.5	62.5	38.2	38.2
6-7 PM	1495	0.0	326	0.0	OFF	1495	0	326	0.00	0	63.6	63.6	63.6	40.1	40.1
7-8 PM	1177	0.0	256	0.0	OFF	1177	0	256	0.00	0	64.2	64.2	64.2	41.0	41.0
8-9 PM	1041	0.0	227	0.0	OFF	1041	0	227	0.00	0	64.5	64.5	64.5	41.5	41.5
9-10 PM	839	0.0	183	0.0	OFF	839	0	183	0.00	0	64.8	64.8	64.8	42.1	42.1
10-11 PM	649	0.0	141	0.0	OFF	649	0	141	0.00	0	65.2	65.2	65.2	42.7	42.7
11PM-MID	397	0.0	87	0.0	OFF	397	0	87	0.00	0	65.6	65.6	65.6	43.5	43.5

"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	0.0416
MAIN ROUTE WITH WORKS	0.0411
DIVERSION	0.0429

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$9,158
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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

