

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

MON-THUR 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	230	0.0	50	0.0	OFF	230	0	50	0.00	0	66.0	66.0	66.0	44.0	44.0
1-2 AM	161	0.0	36	0.0	OFF	161	0	36	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	132	0.0	28	0.0	OFF	132	0	28	0.00	0	66.1	66.1	66.1	44.3	44.3
4-5 AM	218	0.0	47	0.0	OFF	218	0	47	0.00	0	66.0	66.0	66.0	44.0	44.0
5-6 AM	464	0.0	101	0.0	OFF	464	0	101	0.00	0	65.5	65.5	65.5	43.3	43.3
6-7 AM	1112	0.0	243	0.0	OFF	1112	0	243	0.00	0	64.3	64.3	64.3	41.2	41.2
7-8 AM	1572	0.0	343	0.0	OFF	1572	0	343	0.00	0	63.5	63.5	63.5	39.8	39.8
8-9 AM	1612	0.0	352	0.0	OFF	1612	0	352	0.00	0	63.4	63.4	63.4	39.7	39.7
9-10 AM	1660	0.0	362	0.0	OFF	1660	0	362	0.00	0	63.3	63.3	63.3	39.6	39.6
10-11 AM	1642	0.0	358	0.0	1499	1642	0	358	3.60	73	63.3	46.0	30.8	39.6	39.6
11A-NOON	1574	0.0	343	0.0	1499	1574	0	343	7.78	183	63.5	35.0	30.8	39.8	39.8
NOON-1PM	1491	0.0	325	0.0	1499	1491	0	325	8.95	213	63.6	32.8	30.8	40.1	40.1
1-2 PM	1495	0.0	326	0.0	1500	1495	0	326	8.57	203	63.6	33.5	30.8	40.1	40.1
2-3 PM	1519	0.0	332	0.0	1499	1519	0	332	8.66	206	63.5	33.3	30.8	40.0	40.0
3-4 PM	1673	0.0	365	0.0	OFF	1673	0	365	0.22	10	63.3	61.9	61.9	39.5	39.5
4-5 PM	1869	0.0	408	0.0	OFF	1869	0	408	0.00	0	62.9	62.9	62.9	38.9	38.9
5-6 PM	1825	0.0	399	0.0	OFF	1825	0	399	0.00	0	63.0	63.0	63.0	39.1	39.1
6-7 PM	1382	0.0	301	0.0	OFF	1382	0	301	0.00	0	63.8	63.8	63.8	40.4	40.4
7-8 PM	963	0.0	210	0.0	OFF	963	0	210	0.00	0	64.6	64.6	64.6	41.7	41.7
8-9 PM	759	0.0	165	0.0	OFF	759	0	165	0.00	0	65.0	65.0	65.0	42.4	42.4
9-10 PM	690	0.0	151	0.0	OFF	690	0	151	0.00	0	65.1	65.1	65.1	42.5	42.5
10-11 PM	616	0.0	135	0.0	OFF	616	0	135	0.00	0	65.3	65.3	65.3	42.8	42.8
11PM-MID	419	0.0	91	0.0	OFF	419	0	91	0.00	0	65.6	65.6	65.6	43.4	43.4

"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	0.0405
MAIN ROUTE WITH WORKS	0.0400
DIVERSION	0.0418

PIA: Personal Injury Accidents

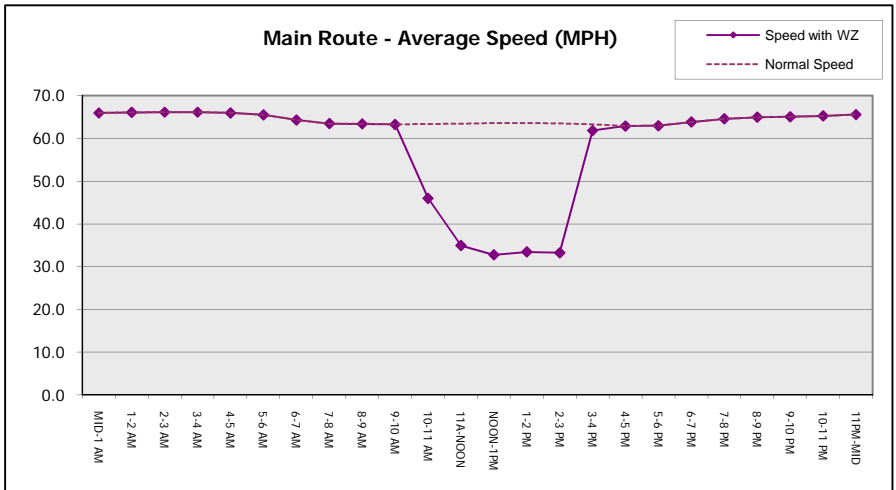
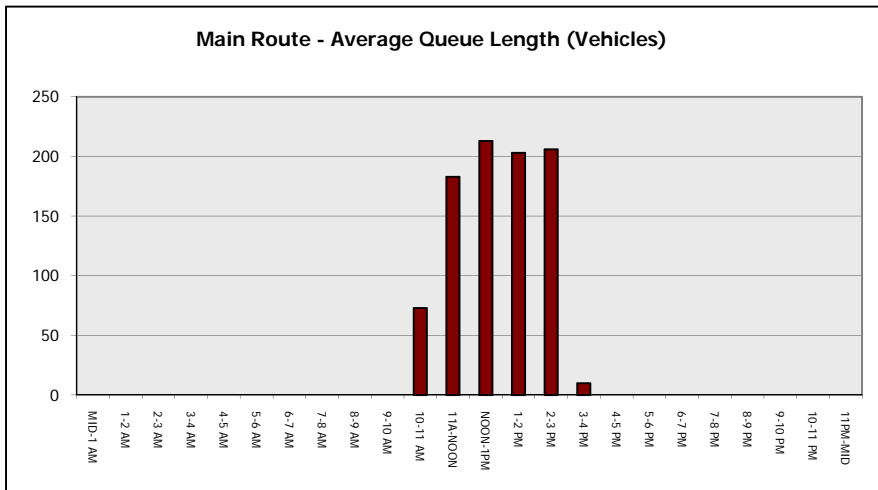
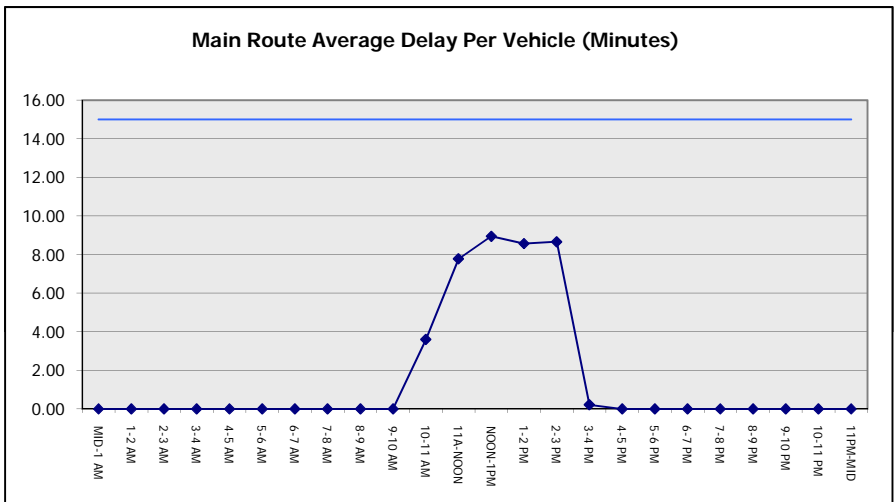
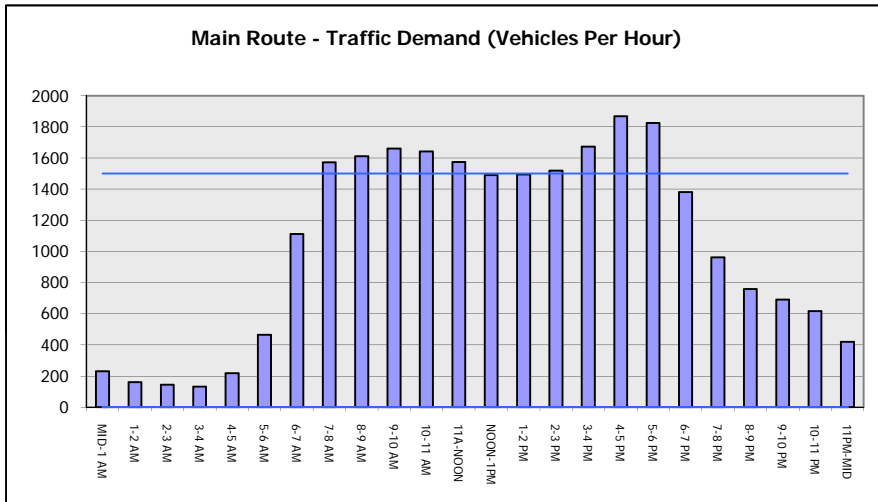
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$11,597
CONGESTED HOURS PER DAY*	0

*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
MON-THUR 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
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	211	0.0	46	0.0	OFF	211	0	46	0.00	0	66.0	66.0	66.0	44.0	44.0
1-2 AM	146	0.0	31	0.0	OFF	146	0	31	0.00	0	66.1	66.1	66.1	44.3	44.3
2-3 AM	123	0.0	27	0.0	OFF	123	0	27	0.00	0	66.1	66.1	66.1	44.3	44.3
3-4 AM	155	0.0	33	0.0	OFF	155	0	33	0.00	0	66.1	66.1	66.1	44.2	44.2
4-5 AM	293	0.0	64	0.0	OFF	293	0	64	0.00	0	65.8	65.8	65.8	43.8	43.8
5-6 AM	642	0.0	140	0.0	OFF	642	0	140	0.00	0	65.2	65.2	65.2	42.7	42.7
6-7 AM	1109	0.0	242	0.0	OFF	1109	0	242	0.00	0	64.3	64.3	64.3	41.3	41.3
7-8 AM	1496	0.0	326	0.0	OFF	1496	0	326	0.00	0	63.6	63.6	63.6	40.1	40.1
8-9 AM	1325	0.0	289	0.0	OFF	1325	0	289	0.00	0	63.9	63.9	63.9	40.6	40.6
9-10 AM	1262	0.0	275	0.0	OFF	1262	0	275	0.00	0	64.0	64.0	64.0	40.8	40.8
10-11 AM	1304	0.0	285	0.0	1500	1304	0	285	0.77	0	64.0	59.1	35.4	40.7	40.7
11A-NOON	1343	0.0	293	0.0	1500	1343	0	293	0.82	0	63.9	58.8	34.4	40.6	40.6
NOON-1PM	1384	0.0	302	0.0	1499	1384	0	302	0.87	0	63.8	58.4	33.3	40.4	40.4
1-2 PM	1524	0.0	333	0.0	1499	1524	0	333	1.28	7	63.5	56.0	30.9	40.0	40.0
2-3 PM	1682	0.0	367	0.0	1500	1682	0	367	4.88	110	63.3	41.9	30.8	39.5	39.5
3-4 PM	1857	0.0	405	0.0	OFF	1857	0	405	0.22	10	62.9	61.5	61.5	38.9	38.9
4-5 PM	2020	0.0	440	0.0	OFF	2020	0	440	0.00	0	62.6	62.6	62.6	38.4	38.4
5-6 PM	1903	0.0	415	0.0	OFF	1903	0	415	0.00	0	62.8	62.8	62.8	38.8	38.8
6-7 PM	1434	0.0	313	0.0	OFF	1434	0	313	0.00	0	63.7	63.7	63.7	40.2	40.2
7-8 PM	1073	0.0	234	0.0	OFF	1073	0	234	0.00	0	64.4	64.4	64.4	41.4	41.4
8-9 PM	925	0.0	202	0.0	OFF	925	0	202	0.00	0	64.6	64.6	64.6	41.9	41.9
9-10 PM	758	0.0	165	0.0	OFF	758	0	165	0.00	0	65.0	65.0	65.0	42.4	42.4
10-11 PM	527	0.0	115	0.0	OFF	527	0	115	0.00	0	65.4	65.4	65.4	43.1	43.1
11PM-MID	349	0.0	76	0.0	OFF	349	0	76	0.00	0	65.8	65.8	65.8	43.6	43.6

"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	0.0399
MAIN ROUTE WITH WORKS	0.0394
DIVERSION	0.0412

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,783
CONGESTED HOURS PER DAY*	0

*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
MON-THUR EASTBOUND DIRECTION

