

<b>IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: IH 39 - USH 12 - STH 73</b>	<b>OCTOBER</b>
	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	182	0.0	40	0.0	1500	182	0	40	0.44	0	66.1	63.0	44.8	44.2	44.2
1-2 AM	134	0.0	29	0.0	1500	134	0	29	0.44	0	66.1	63.2	45.0	44.3	44.3
2-3 AM	123	0.0	27	0.0	1500	123	0	27	0.43	0	66.1	63.2	45.0	44.3	44.3
3-4 AM	120	0.0	26	0.0	1500	120	0	26	0.43	0	66.1	63.2	45.0	44.3	44.3
4-5 AM	202	0.0	44	0.0	1500	202	0	44	0.44	0	66.0	63.0	44.6	44.1	44.1
5-6 AM	464	0.0	101	0.0	1500	464	0	101	0.47	0	65.5	62.3	43.7	43.3	43.3
6-7 AM	1034	0.0	225	0.0	1499	1034	0	225	0.55	0	64.5	60.9	40.7	41.5	41.5
7-8 AM	1537	0.0	336	0.0	1499	1537	0	336	1.42	11	63.5	55.3	31.0	39.9	39.9
8-9 AM	1489	0.0	324	0.0	1499	1489	0	324	2.66	44	63.6	49.7	30.8	40.1	40.1
9-10 AM	1452	0.0	317	0.0	1499	1452	0	317	1.64	18	63.7	54.3	31.4	40.2	40.2
10-11 AM	1336	0.0	292	0.0	1500	1336	0	292	0.81	0	63.9	58.9	34.5	40.6	40.6
11A-NOON	1260	0.0	275	0.0	1500	1260	0	275	0.71	0	64.0	59.6	36.6	40.8	40.8
NOON-1PM	1230	0.0	268	0.0	1500	1230	0	268	0.67	0	64.1	59.8	37.5	40.9	40.9
1-2 PM	1245	0.0	272	0.0	1500	1245	0	272	0.70	0	64.1	59.7	37.1	40.9	40.9
2-3 PM	1273	0.0	278	0.0	1500	1273	0	278	0.73	0	64.0	59.4	36.3	40.7	40.7
3-4 PM	1443	0.0	315	0.0	1499	1443	0	315	0.95	0	63.7	57.9	32.0	40.2	40.2
4-5 PM	1691	0.0	369	0.0	1499	1691	0	369	4.13	91	63.2	44.2	30.8	39.4	39.4
5-6 PM	1588	0.0	346	0.0	1499	1588	0	346	10.24	250	63.4	30.6	30.8	39.8	39.8
6-7 PM	1214	0.0	265	0.0	1499	1214	0	265	6.23	161	64.1	38.6	33.7	40.9	40.9
7-8 PM	803	0.0	175	0.0	1500	803	0	175	0.50	0	64.9	61.6	42.4	42.2	42.2
8-9 PM	627	0.0	137	0.0	1500	627	0	137	0.48	0	65.2	62.0	43.0	42.8	42.8
9-10 PM	540	0.0	118	0.0	1500	540	0	118	0.47	0	65.4	62.2	43.3	43.0	43.0
10-11 PM	410	0.0	89	0.0	1500	410	0	89	0.46	0	65.6	62.5	43.8	43.5	43.5
11PM-MID	279	0.0	61	0.0	1500	279	0	61	0.45	0	65.9	62.8	44.3	43.8	43.8

*----- 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	0.0348
MAIN ROUTE WITH WORKS	0.0334
DIVERSION	0.0359

PIA: Personal Injury Accidents

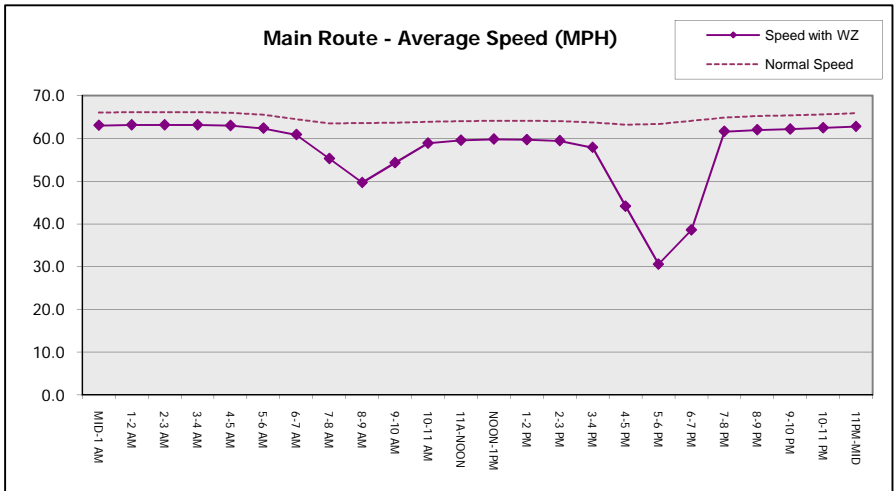
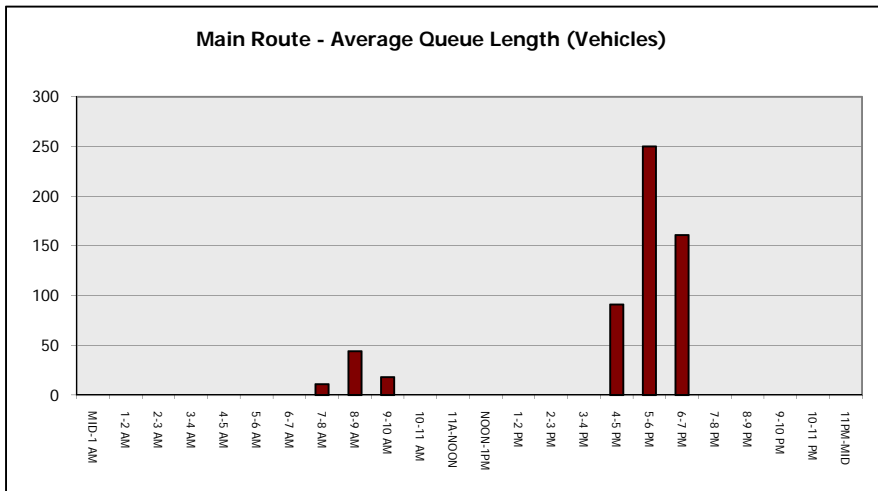
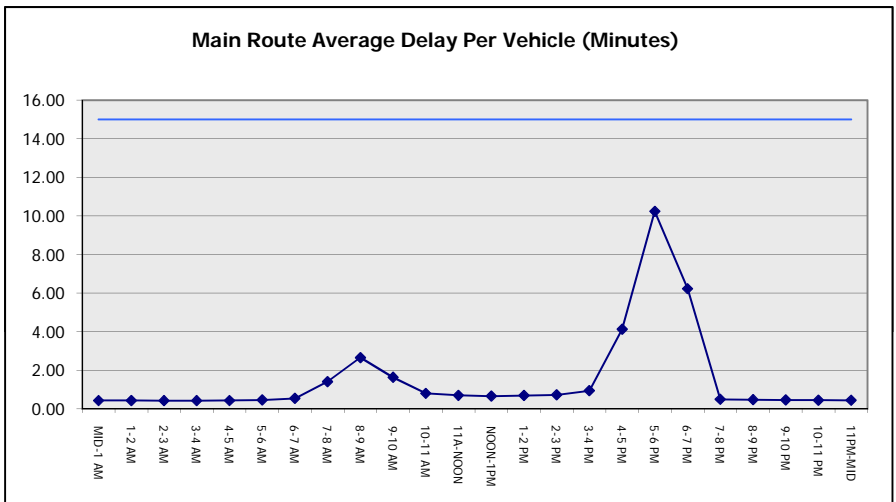
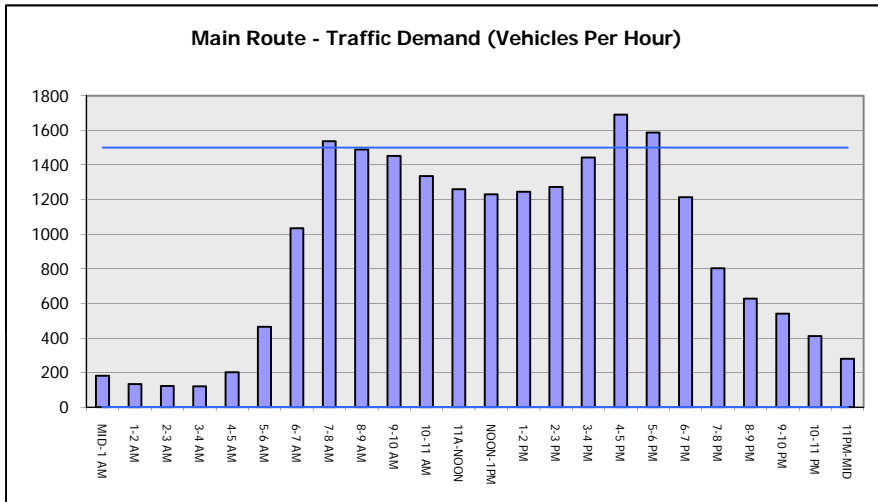
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$10,075
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: IH 39 - USH 12 - STH 73**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR WESTBOUND DIRECTION**



<b>IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: IH 39 - USH 12 - STH 73</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**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	161	0.0	36	0.0	1500	161	0	36	0.44	0	66.1	63.1	44.8	44.2	44.2
1-2 AM	121	0.0	26	0.0	1500	121	0	26	0.43	0	66.1	63.2	45.0	44.3	44.3
2-3 AM	112	0.0	24	0.0	1500	112	0	24	0.43	0	66.2	63.2	45.0	44.3	44.3
3-4 AM	149	0.0	32	0.0	1500	149	0	32	0.44	0	66.1	63.1	44.9	44.3	44.3
4-5 AM	264	0.0	58	0.0	1500	264	0	58	0.45	0	65.9	62.8	44.4	43.9	43.9
5-6 AM	618	0.0	135	0.0	1500	618	0	135	0.48	0	65.2	62.0	43.0	42.8	42.8
6-7 AM	1109	0.0	242	0.0	1500	1109	0	242	0.53	0	64.3	60.9	41.3	41.3	41.3
7-8 AM	1455	0.0	317	0.0	1500	1455	0	317	0.97	0	63.7	57.8	31.7	40.2	40.2
8-9 AM	1293	0.0	283	0.0	1500	1293	0	283	0.76	0	64.0	59.2	35.7	40.7	40.7
9-10 AM	1078	0.0	235	0.0	1500	1078	0	235	0.53	0	64.4	61.0	41.4	41.4	41.4
10-11 AM	1047	0.0	228	0.0	1500	1047	0	228	0.52	0	64.5	61.0	41.5	41.5	41.5
11A-NOON	1084	0.0	236	0.0	1500	1084	0	236	0.53	0	64.3	60.9	41.4	41.4	41.4
NOON-1PM	1150	0.0	251	0.0	1500	1150	0	251	0.57	0	64.2	60.5	40.1	41.1	41.1
1-2 PM	1268	0.0	276	0.0	1500	1268	0	276	0.72	0	64.0	59.5	36.4	40.8	40.8
2-3 PM	1416	0.0	309	0.0	1499	1416	0	309	0.92	0	63.8	58.1	32.7	40.3	40.3
3-4 PM	1621	0.0	354	0.0	1499	1621	0	354	2.75	49	63.3	49.2	30.8	39.7	39.7
4-5 PM	1756	0.0	383	0.0	1500	1756	0	383	9.83	247	63.1	31.2	30.8	39.2	39.2
5-6 PM	1654	0.0	361	0.0	1499	1654	0	361	18.35	470	63.3	21.7	30.8	39.6	39.6
6-7 PM	1221	0.0	267	0.0	1499	1221	0	267	16.17	417	64.1	23.7	31.0	40.9	40.9
7-8 PM	846	0.0	184	0.0	1500	845	0	184	2.01	54	64.8	53.3	41.7	42.1	42.1
8-9 PM	674	0.0	148	0.0	1500	674	0	148	0.49	0	65.1	61.9	42.8	42.6	42.6
9-10 PM	540	0.0	118	0.0	1500	540	0	118	0.47	0	65.4	62.2	43.3	43.0	43.0
10-11 PM	402	0.0	88	0.0	1500	402	0	88	0.46	0	65.6	62.5	43.9	43.5	43.5
11PM-MID	256	0.0	55	0.0	1500	256	0	55	0.45	0	65.9	62.8	44.5	43.9	43.9

*----- 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	0.0342
MAIN ROUTE WITH WORKS	0.0328
DIVERSION	0.0353

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$17,446
CONGESTED HOURS PER DAY*	2

\*Delays Exceeding 15 Minutes

**IH 94: IH 39/STH 30 TO STH 73 (DANE COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: IH 39 - USH 12 - STH 73**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

