

<b>IH 39/90: BELTLINE TO STH 73 (DANE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>DIVERSION ROUTE: STH 73 - USH 12</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SATURDAY 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	521	0.0	93	0.0	1500	521	0	93	0.47	0	65.4	63.6	43.4	38.6	38.6
1-2 AM	387	0.0	69	0.0	1500	387	0	69	0.46	0	65.6	63.8	44.0	38.9	38.9
2-3 AM	361	0.0	65	0.0	1500	361	0	65	0.46	0	65.7	63.9	44.0	38.9	38.9
3-4 AM	317	0.0	57	0.0	1500	317	0	57	0.45	0	65.8	64.0	44.2	39.1	39.1
4-5 AM	412	0.0	74	0.0	1500	412	0	74	0.46	0	65.6	63.8	43.8	38.8	38.8
5-6 AM	678	0.0	121	0.0	1500	678	0	121	0.49	0	65.1	63.2	42.8	38.3	38.3
6-7 AM	1061	0.0	190	0.0	1500	1061	0	190	0.52	0	64.4	62.4	41.5	37.4	37.4
7-8 AM	1395	0.0	250	0.0	1499	1395	0	250	0.89	0	63.8	60.6	33.2	36.6	36.6
8-9 AM	1752	0.0	314	0.0	OFF	1752	0	314	0.00	0	63.1	63.1	63.1	35.8	35.8
9-10 AM	2018	0.0	361	0.0	OFF	2018	0	361	0.00	0	62.6	62.6	62.6	35.3	35.3
10-11 AM	2190	0.0	392	0.0	OFF	2190	0	392	0.00	0	62.3	62.3	62.3	34.9	34.9
11A-NOON	2124	0.0	381	0.0	OFF	2124	0	381	0.00	0	62.4	62.4	62.4	35.0	35.0
NOON-1PM	1925	0.0	345	0.0	OFF	1925	0	345	0.00	0	62.8	62.8	62.8	35.5	35.5
1-2 PM	1899	0.0	340	0.0	OFF	1899	0	340	0.00	0	62.8	62.8	62.8	35.5	35.5
2-3 PM	1761	0.0	315	0.0	OFF	1761	0	315	0.00	0	63.1	63.1	63.1	35.8	35.8
3-4 PM	1617	0.0	290	0.0	OFF	1617	0	290	0.00	0	63.4	63.4	63.4	36.1	36.1
4-5 PM	1611	0.0	289	0.0	OFF	1611	0	289	0.00	0	63.4	63.4	63.4	36.1	36.1
5-6 PM	1424	0.0	255	0.0	OFF	1424	0	255	0.00	0	63.7	63.7	63.7	36.6	36.6
6-7 PM	1238	0.0	222	0.0	1500	1238	0	222	0.69	0	64.1	61.5	37.3	37.0	37.0
7-8 PM	1038	0.0	186	0.0	1500	1038	0	186	0.52	0	64.5	62.5	41.5	37.4	37.4
8-9 PM	912	0.0	163	0.0	1500	912	0	163	0.51	0	64.7	62.8	42.0	37.7	37.7
9-10 PM	767	0.0	137	0.0	1500	767	0	137	0.50	0	65.0	63.0	42.5	38.1	38.1
10-11 PM	542	0.0	97	0.0	1500	542	0	97	0.48	0	65.4	63.5	43.3	38.6	38.6
11PM-MID	420	0.0	75	0.0	1500	420	0	75	0.46	0	65.6	63.8	43.8	38.8	38.8

"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	0.0808
MAIN ROUTE WITH WORKS	0.0802
DIVERSION	0.1326

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,330
CONGESTED HOURS PER DAY*	0

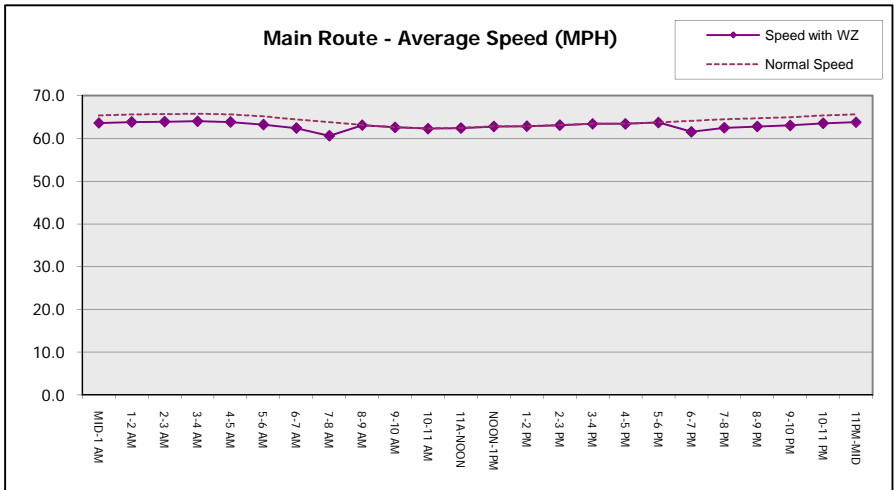
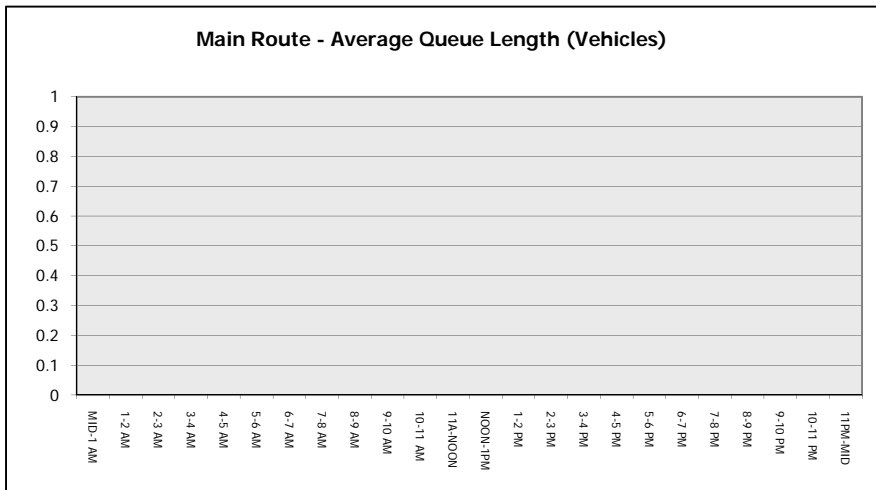
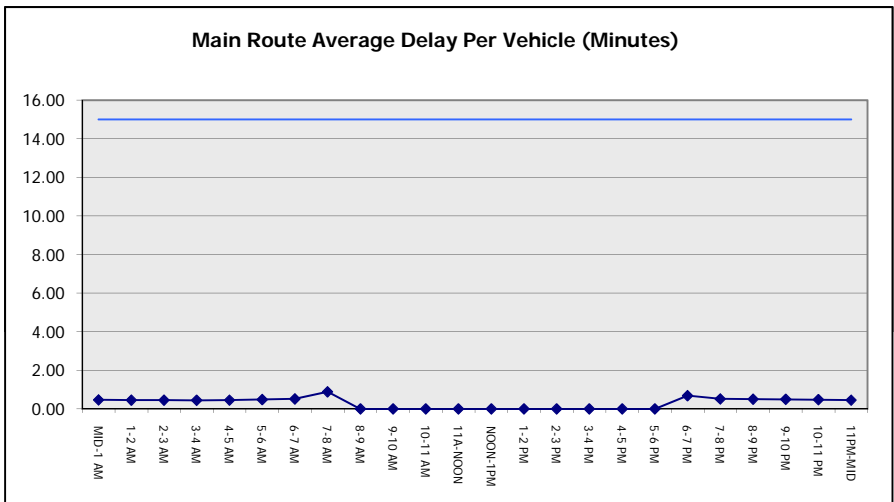
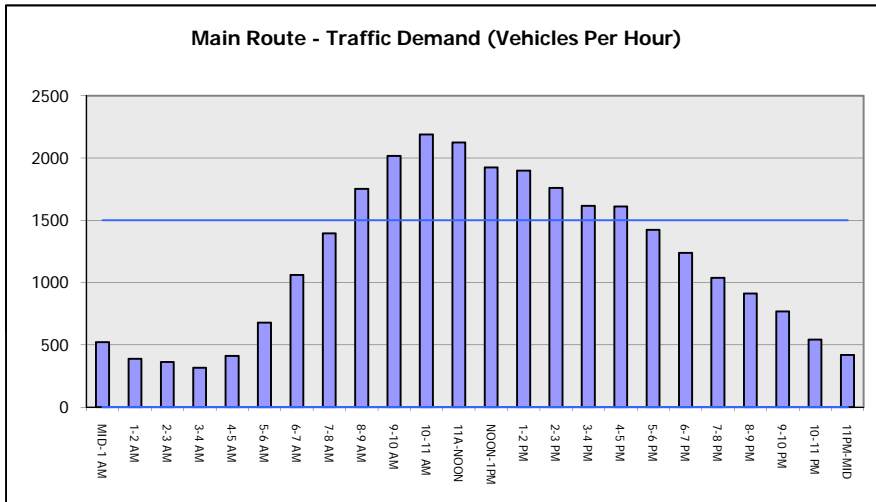
\*Delays Exceeding 15 Minutes

**IH 39/90: BELTLINE TO STH 73 (DANE COUNTY)  
 NIGHTTIME CLOSURE  
 DIVERSION ROUTE: STH 73 - USH 12**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SATURDAY WESTBOUND DIRECTION**



<b>IH 39/90: BELTLINE TO STH 73 (DANE COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 73 - USH 12</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
SATURDAY	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	446	0.0	80	0.0	1500	446	0	80	0.47	0	65.6	63.7	43.7	38.8	38.8
1-2 AM	325	0.0	59	0.0	1500	325	0	59	0.45	0	65.8	64.0	44.2	39.0	39.0
2-3 AM	313	0.0	57	0.0	1500	313	0	57	0.45	0	65.8	64.0	44.2	39.1	39.1
3-4 AM	331	0.0	60	0.0	1500	331	0	60	0.45	0	65.8	64.0	44.2	39.0	39.0
4-5 AM	336	0.0	60	0.0	1500	336	0	60	0.46	0	65.8	64.0	44.2	39.0	39.0
5-6 AM	380	0.0	68	0.0	1500	380	0	68	0.46	0	65.7	63.9	44.0	38.9	38.9
6-7 AM	583	0.0	105	0.0	1500	583	0	105	0.48	0	65.3	63.5	43.2	38.4	38.4
7-8 AM	911	0.0	163	0.0	1500	911	0	163	0.51	0	64.7	62.8	42.0	37.7	37.7
8-9 AM	1244	0.0	223	0.0	OFF	1244	0	223	0.00	0	64.1	64.1	64.1	36.9	36.9
9-10 AM	1505	0.0	269	0.0	OFF	1505	0	269	0.00	0	63.6	63.6	63.6	36.4	36.4
10-11 AM	1637	0.0	293	0.0	OFF	1637	0	293	0.00	0	63.3	63.3	63.3	36.1	36.1
11A-NOON	1723	0.0	309	0.0	OFF	1723	0	309	0.00	0	63.2	63.2	63.2	35.9	35.9
NOON-1PM	1686	0.0	301	0.0	OFF	1686	0	301	0.00	0	63.2	63.2	63.2	36.0	36.0
1-2 PM	1689	0.0	302	0.0	OFF	1689	0	302	0.00	0	63.2	63.2	63.2	36.0	36.0
2-3 PM	1651	0.0	296	0.0	OFF	1651	0	296	0.00	0	63.3	63.3	63.3	36.1	36.1
3-4 PM	1602	0.0	287	0.0	OFF	1602	0	287	0.00	0	63.4	63.4	63.4	36.2	36.2
4-5 PM	1592	0.0	285	0.0	OFF	1592	0	285	0.00	0	63.4	63.4	63.4	36.2	36.2
5-6 PM	1397	0.0	250	0.0	OFF	1397	0	250	0.00	0	63.8	63.8	63.8	36.6	36.6
6-7 PM	1235	0.0	221	0.0	1500	1235	0	221	0.68	0	64.1	61.6	37.4	37.0	37.0
7-8 PM	1087	0.0	195	0.0	1500	1087	0	195	0.53	0	64.3	62.4	41.4	37.3	37.3
8-9 PM	983	0.0	176	0.0	1500	983	0	176	0.52	0	64.6	62.6	41.7	37.6	37.6
9-10 PM	855	0.0	153	0.0	1500	855	0	153	0.51	0	64.8	62.8	42.2	37.8	37.8
10-11 PM	692	0.0	123	0.0	1500	692	0	123	0.49	0	65.1	63.2	42.8	38.2	38.2
11PM-MID	505	0.0	90	0.0	1500	505	0	90	0.47	0	65.5	63.6	43.5	38.6	38.6

"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	0.0704
MAIN ROUTE WITH WORKS	0.0698
DIVERSION	0.1153

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,079
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 39/90: BELTLINE TO STH 73 (DANE COUNTY)**  
**NIGHTTIME CLOSURE**  
**DIVERSION ROUTE: STH 73 - USH 12**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

