

<b>IH 39/90/94: IH 94/STH 30 TO BELTLINE (DANE COUNTY)</b> <b>NIGHTTIME 2 LANE CLOSURE</b> <b>DIVERSION ROUTE: BELTLINE - USH 51 - STH 30</b>	<b>MAY</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	410	0.0	215	0.0	1500	410	0	215	0.52	0	70.2	60.9	43.8	33.9	33.9
1-2 AM	317	0.0	166	0.0	1500	317	0	166	0.51	0	70.2	61.0	44.2	34.1	34.1
2-3 AM	284	0.0	149	0.0	1500	284	0	149	0.51	0	70.2	61.1	44.3	34.2	34.2
3-4 AM	309	0.0	161	0.0	1500	309	0	161	0.51	0	70.2	61.0	44.3	34.1	34.1
4-5 AM	476	0.0	249	0.0	1500	476	0	249	0.53	0	70.1	60.7	43.6	33.7	33.7
5-6 AM	1035	0.0	542	0.0	OFF	1035	0	542	0.00	0	69.4	69.4	69.4	32.5	32.5
6-7 AM	2349	0.0	1230	0.0	OFF	2349	0	1230+	0.00	0	67.8	67.8	67.8	29.7	29.7
7-8 AM	3428	0.0	1794	0.0	OFF	3428	0	1794+	0.00	0	66.4	66.4	66.4	27.3	27.3
8-9 AM	2773	0.0	1452	0.0	OFF	2773	0	1452+	0.00	0	67.3	67.3	67.3	28.8	28.8
9-10 AM	2161	0.0	1133	0.0	OFF	2161	0	1133	0.00	0	68.1	68.1	68.1	30.1	30.1
10-11 AM	2207	0.0	1158	0.0	OFF	2207	0	1158	0.00	0	68.0	68.0	68.0	29.9	29.9
11A-NOON	2337	0.0	1226	0.0	OFF	2337	0	1226+	0.00	0	67.8	67.8	67.8	29.7	29.7
NOON-1PM	2402	0.0	1259	0.0	OFF	2402	0	1259+	0.00	0	67.8	67.8	67.8	29.6	29.6
1-2 PM	2526	0.0	1325	0.0	OFF	2526	0	1325+	0.00	0	67.6	67.6	67.6	29.2	29.2
2-3 PM	2781	0.0	1459	0.0	OFF	2781	0	1459+	0.00	0	67.3	67.3	67.3	28.7	28.7
3-4 PM	3425	0.0	1795	0.0	OFF	3425	0	1795+	0.00	0	66.5	66.5	66.5	27.3	27.3
4-5 PM	3867	0.0	2027	0.0	OFF	3867	0	2027+	0.00	0	64.5	64.5	64.5	26.3	26.3
5-6 PM	3429	0.0	1796	0.0	OFF	3429	0	1796+	0.00	0	66.4	66.4	66.4	27.3	27.3
6-7 PM	2279	0.0	1193	0.0	OFF	2279	0	1193	0.00	0	67.9	67.9	67.9	29.8	29.8
7-8 PM	1715	0.0	897	0.0	1499	1715	0	897	5.67	131	68.6	26.1	30.8	31.1	31.1
8-9 PM	1506	0.0	788	0.0	1499	1506	0	788	9.98	232	68.9	17.8	30.8	31.5	31.5
9-10 PM	1240	0.0	649	0.0	1499	1240	0	649	4.15	111	69.2	31.5	33.9	32.0	32.0
10-11 PM	928	0.0	486	0.0	1500	928	0	486	0.58	0	69.6	59.6	41.9	32.7	32.7
11PM-MID	634	0.0	332	0.0	1500	634	0	332	0.55	0	69.9	60.3	43.0	33.4	33.4

"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	0.0285
MAIN ROUTE WITH WORKS	0.0280
DIVERSION	0.2461

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$7,622
CONGESTED HOURS PER DAY*	0

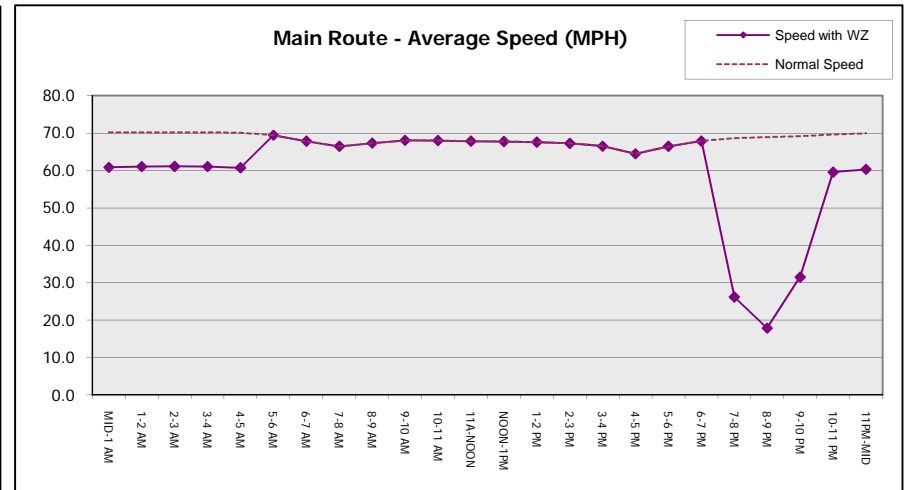
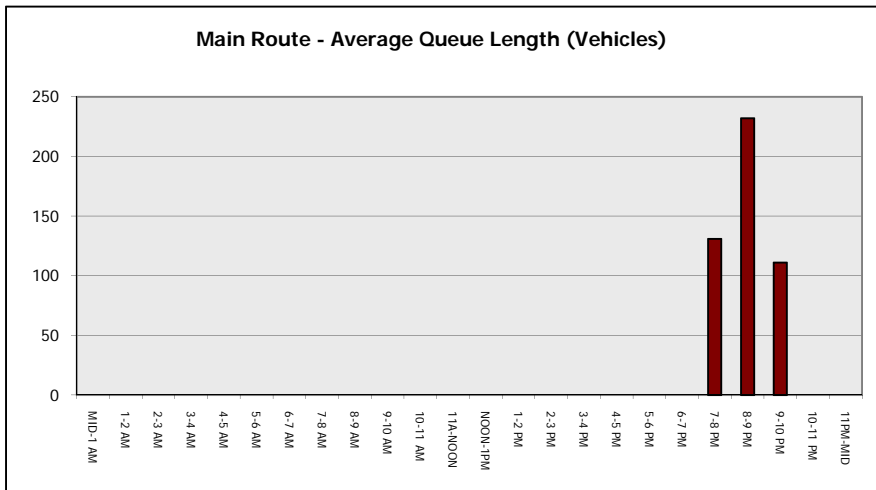
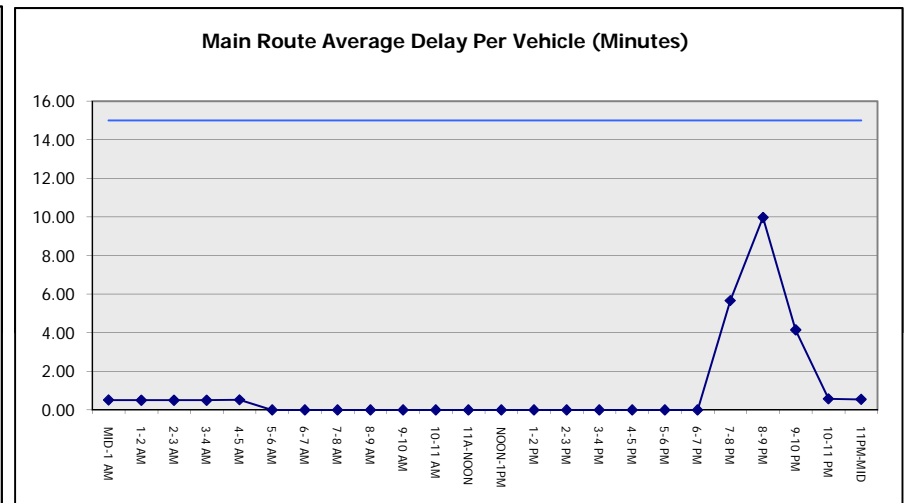
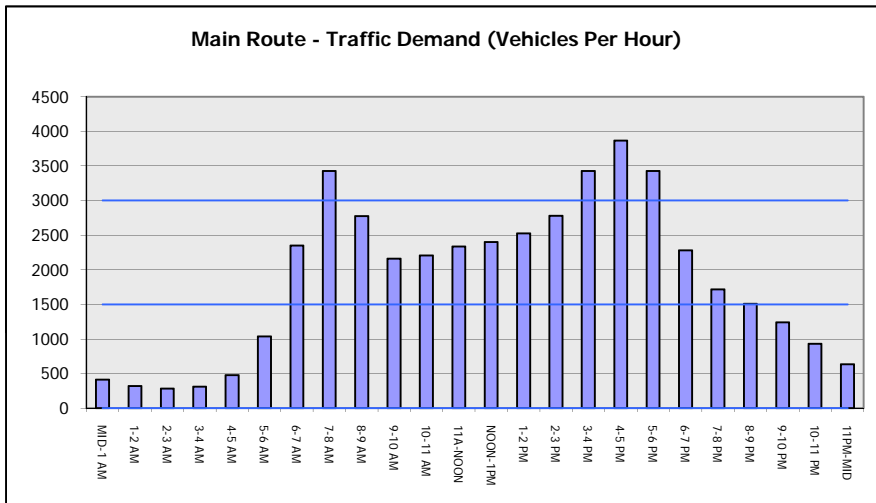
\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 94/STH 30 TO BELTLINE (DANE COUNTY)**  
**NIGHTTIME 2 LANE CLOSURE**  
**DIVERSION ROUTE: BELTLINE - USH 51 - STH 30**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**MON-THUR WESTBOUND DIRECTION**



<b>IH 39/90/94: IH 94/STH 30 TO BELTLINE (DANE COUNTY)</b> <b>NIGHTTIME 2 LANE CLOSURE</b> <b>DIVERSION ROUTE: BELTLINE - USH 51 - STH 30</b>	<b>MAY</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		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	370	0.0	195	0.0	1500	370	0	195	0.52	0	70.2	60.9	44.0	34.0	34.0
1-2 AM	278	0.0	145	0.0	1500	278	0	145	0.51	0	70.2	61.1	44.4	34.2	34.2
2-3 AM	285	0.0	150	0.0	1500	285	0	150	0.51	0	70.2	61.1	44.3	34.2	34.2
3-4 AM	316	0.0	164	0.0	1500	316	0	164	0.51	0	70.2	61.0	44.2	34.1	34.1
4-5 AM	458	0.0	240	0.0	1500	458	0	240	0.53	0	70.2	60.8	43.7	33.8	33.8
5-6 AM	1166	0.0	611	0.0	OFF	1166	0	611	0.00	0	69.3	69.3	69.3	32.2	32.2
6-7 AM	2757	0.0	1443	0.0	OFF	2757	0	1443+	0.00	0	67.3	67.3	67.3	28.8	28.8
7-8 AM	3163	0.0	1656	0.0	OFF	3163	0	1656+	0.00	0	66.8	66.8	66.8	27.9	27.9
8-9 AM	2477	0.0	1296	0.0	OFF	2477	0	1296+	0.00	0	67.6	67.6	67.6	29.4	29.4
9-10 AM	2224	0.0	1166	0.0	OFF	2224	0	1166	0.00	0	68.0	68.0	68.0	29.9	29.9
10-11 AM	2216	0.0	1162	0.0	OFF	2216	0	1162	0.00	0	68.0	68.0	68.0	29.9	29.9
11A-NOON	2335	0.0	1223	0.0	OFF	2335	0	1223+	0.00	0	67.8	67.8	67.8	29.7	29.7
NOON-1PM	2430	0.0	1272	0.0	OFF	2430	0	1272+	0.00	0	67.7	67.7	67.7	29.5	29.5
1-2 PM	2505	0.0	1312	0.0	OFF	2505	0	1312+	0.00	0	67.6	67.6	67.6	29.3	29.3
2-3 PM	2724	0.0	1427	0.0	OFF	2724	0	1427+	0.00	0	67.4	67.4	67.4	28.8	28.8
3-4 PM	3084	0.0	1617	0.0	OFF	3084	0	1617+	0.00	0	66.9	66.9	66.9	28.1	28.1
4-5 PM	3648	0.0	1913	0.0	OFF	3648	0	1913+	0.00	0	66.0	66.0	66.0	26.8	26.8
5-6 PM	3326	0.0	1743	0.0	OFF	3326	0	1743+	0.00	0	66.6	66.6	66.6	27.5	27.5
6-7 PM	2323	0.0	1218	0.0	OFF	2323	0	1218+	0.00	0	67.9	67.9	67.9	29.7	29.7
7-8 PM	1759	0.0	922	0.0	1499	1759	0	922	6.47	156	68.6	24.1	30.8	30.9	30.9
8-9 PM	1472	0.0	771	0.0	1499	1451	21	793	10.44	245	68.9	17.2	30.8	31.5	31.5
9-10 PM	1226	0.0	642	0.0	1499	1226	0	642	3.52	96	69.2	34.3	34.7	32.1	32.1
10-11 PM	898	0.0	471	0.0	1500	898	0	471	0.58	0	69.6	59.7	42.0	32.8	32.8
11PM-MID	590	0.0	310	0.0	1500	590	0	310	0.54	0	70.0	60.4	43.2	33.5	33.5

"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	0.0280
MAIN ROUTE WITH WORKS	0.0275
DIVERSION	0.2420

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$7,879
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 94/STH 30 TO BELTLINE (DANE COUNTY)**  
**NIGHTTIME 2 LANE CLOSURE**  
**DIVERSION ROUTE: BELTLINE - USH 51 - STH 30**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

