

<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>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	402	0.0	211	0.0	1500	402	0	211	0.52	0	70.2	60.9	43.9	33.9	33.9
1-2 AM	327	0.0	172	0.0	1500	327	0	172	0.51	0	70.2	61.0	44.2	34.0	34.0
2-3 AM	293	0.0	154	0.0	1500	293	0	154	0.51	0	70.2	61.1	44.3	34.2	34.2
3-4 AM	338	0.0	177	0.0	1500	338	0	177	0.51	0	70.2	61.0	44.2	34.0	34.0
4-5 AM	509	0.0	267	0.0	1500	509	0	267	0.53	0	70.1	60.7	43.5	33.7	33.7
5-6 AM	1093	0.0	573	0.0	OFF	1093	0	573	0.00	0	69.4	69.4	69.4	32.4	32.4
6-7 AM	2374	0.0	1245	0.0	OFF	2374	0	1245+	0.00	0	67.8	67.8	67.8	29.6	29.6
7-8 AM	3712	0.0	1946	0.0	OFF	3712	0	1946+	0.00	0	65.5	65.5	65.5	26.6	26.6
8-9 AM	2969	0.0	1558	0.0	OFF	2969	0	1558+	0.00	0	67.1	67.1	67.1	28.3	28.3
9-10 AM	2166	0.0	1135	0.0	OFF	2166	0	1135	0.00	0	68.1	68.1	68.1	30.1	30.1
10-11 AM	2166	0.0	1135	0.0	OFF	2166	0	1135	0.00	0	68.1	68.1	68.1	30.1	30.1
11A-NOON	2300	0.0	1205	0.0	OFF	2300	0	1205+	0.00	0	67.9	67.9	67.9	29.7	29.7
NOON-1PM	2381	0.0	1248	0.0	OFF	2381	0	1248+	0.00	0	67.8	67.8	67.8	29.6	29.6
1-2 PM	2477	0.0	1298	0.0	OFF	2477	0	1298+	0.00	0	67.6	67.6	67.6	29.4	29.4
2-3 PM	2771	0.0	1452	0.0	OFF	2771	0	1452+	0.00	0	67.3	67.3	67.3	28.8	28.8
3-4 PM	3466	0.0	1817	0.0	OFF	3466	0	1817+	0.00	0	66.4	66.4	66.4	27.2	27.2
4-5 PM	4088	0.0	2143	0.0	OFF	4088	0	2143+	0.00	0	62.9	62.9	62.9	25.8	25.8
5-6 PM	3724	0.0	1952	0.0	OFF	3724	0	1952+	0.00	0	65.4	65.4	65.4	26.6	26.6
6-7 PM	2369	0.0	1239	0.0	OFF	2369	0	1239+	0.00	0	67.8	67.8	67.8	29.6	29.6
7-8 PM	1633	0.0	853	0.0	1499	1633	0	853	4.63	97	68.7	29.6	30.8	31.2	31.2
8-9 PM	1371	0.0	717	0.0	1499	1371	0	717	3.91	81	69.1	32.5	31.9	31.8	31.8
9-10 PM	1201	0.0	629	0.0	1500	1201	0	629	0.71	0	69.2	57.5	38.5	32.2	32.2
10-11 PM	906	0.0	474	0.0	1500	906	0	474	0.58	0	69.6	59.6	42.0	32.8	32.8
11PM-MID	617	0.0	323	0.0	1500	617	0	323	0.55	0	70.0	60.4	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	0.0291
MAIN ROUTE WITH WORKS	0.0286
DIVERSION	0.2508

PIA: Personal Injury Accidents

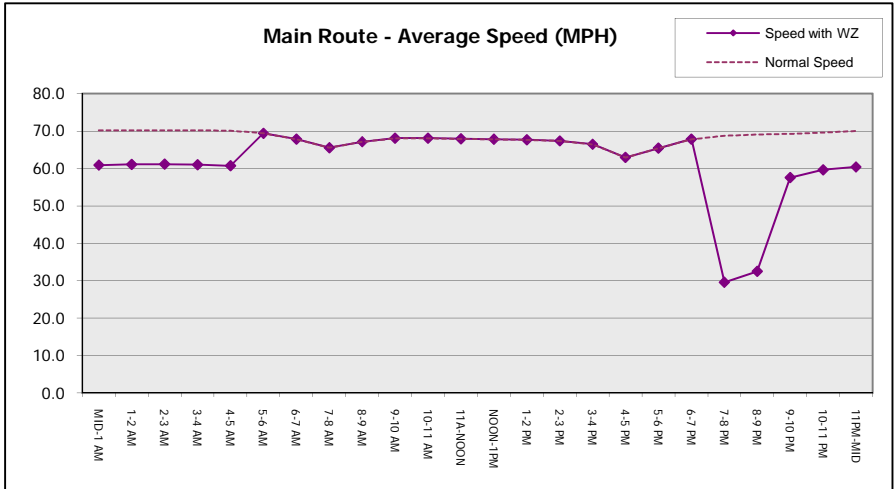
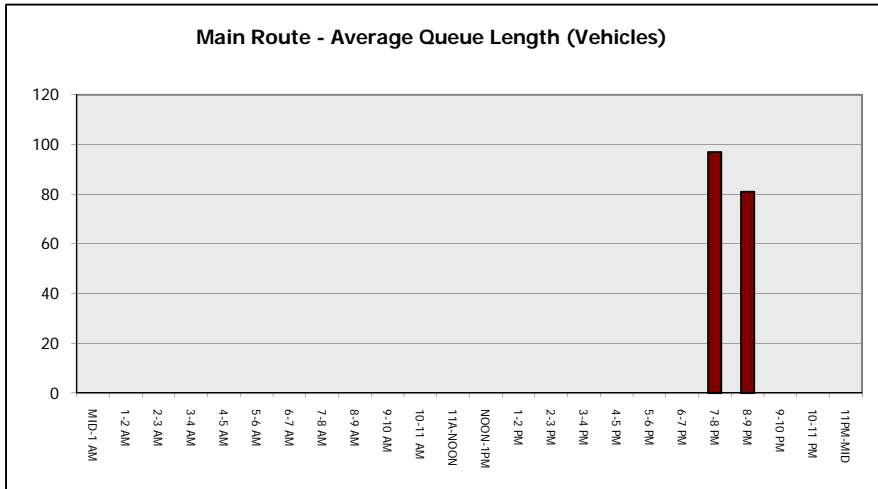
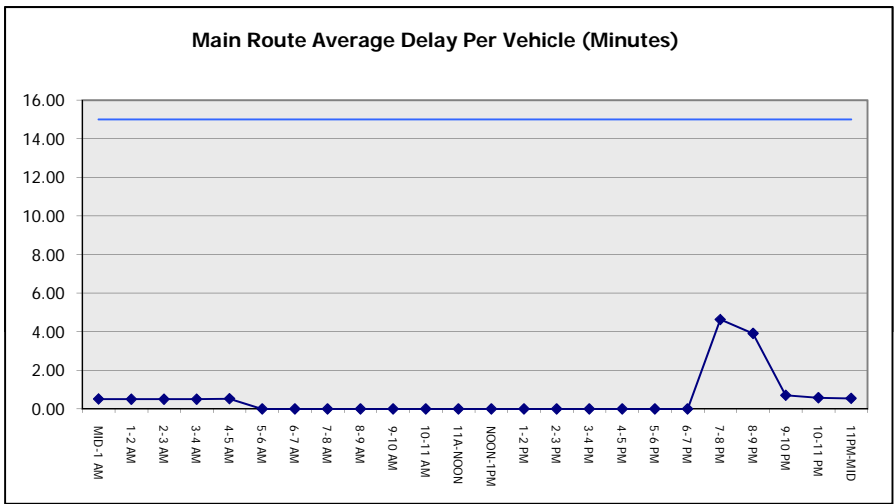
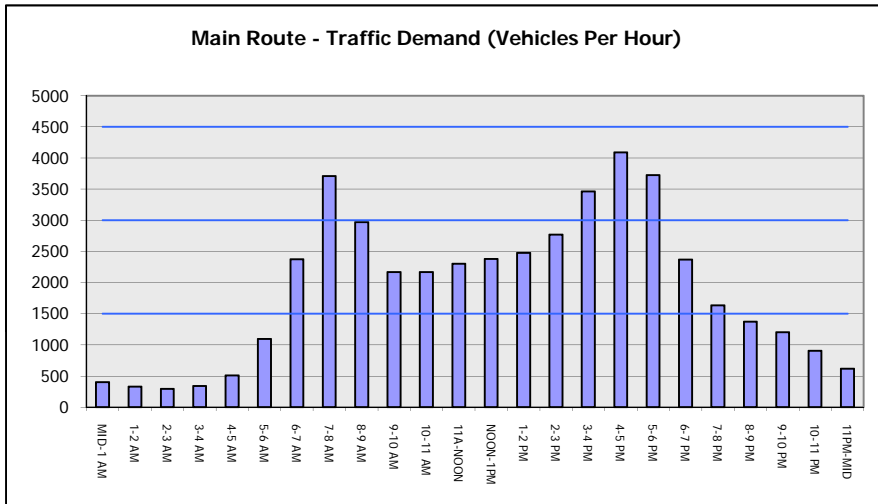
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,616
CONGESTED HOURS PER DAY*	0

\*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**

**OCTOBER**  
 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>OCTOBER</b> Analyzed for 2009 Construction Season
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<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
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	378	0.0	198	0.0	1500	378	0	198	0.52	0	70.2	60.9	44.0	34.0	34.0
1-2 AM	321	0.0	170	0.0	1500	321	0	170	0.51	0	70.2	61.0	44.2	34.1	34.1
2-3 AM	323	0.0	171	0.0	1500	323	0	171	0.51	0	70.2	61.0	44.2	34.1	34.1
3-4 AM	392	0.0	206	0.0	1500	392	0	206	0.52	0	70.2	60.9	43.9	33.9	33.9
4-5 AM	509	0.0	267	0.0	1500	509	0	267	0.53	0	70.1	60.7	43.5	33.7	33.7
5-6 AM	1197	0.0	629	0.0	OFF	1197	0	629	0.00	0	69.2	69.2	69.2	32.2	32.2
6-7 AM	2812	0.0	1475	0.0	OFF	2812	0	1475+	0.00	0	67.3	67.3	67.3	28.6	28.6
7-8 AM	3546	0.0	1861	0.0	OFF	3546	0	1861+	0.00	0	66.3	66.3	66.3	27.0	27.0
8-9 AM	2713	0.0	1423	0.0	OFF	2713	0	1423+	0.00	0	67.4	67.4	67.4	28.9	28.9
9-10 AM	2330	0.0	1221	0.0	OFF	2330	0	1221+	0.00	0	67.8	67.8	67.8	29.7	29.7
10-11 AM	2267	0.0	1188	0.0	OFF	2267	0	1188	0.00	0	67.9	67.9	67.9	29.8	29.8
11A-NOON	2370	0.0	1242	0.0	OFF	2370	0	1242+	0.00	0	67.8	67.8	67.8	29.6	29.6
NOON-1PM	2410	0.0	1263	0.0	OFF	2410	0	1263+	0.00	0	67.8	67.8	67.8	29.5	29.5
1-2 PM	2550	0.0	1335	0.0	OFF	2550	0	1335+	0.00	0	67.6	67.6	67.6	29.2	29.2
2-3 PM	2803	0.0	1468	0.0	OFF	2803	0	1468+	0.00	0	67.3	67.3	67.3	28.7	28.7
3-4 PM	3238	0.0	1697	0.0	OFF	3238	0	1697+	0.00	0	66.7	66.7	66.7	27.7	27.7
4-5 PM	3874	0.0	2031	0.0	OFF	3874	0	2031+	0.00	0	64.4	64.4	64.4	26.3	26.3
5-6 PM	3440	0.0	1804	0.0	OFF	3440	0	1804+	0.00	0	66.4	66.4	66.4	27.3	27.3
6-7 PM	2331	0.0	1221	0.0	OFF	2331	0	1221+	0.00	0	67.8	67.8	67.8	29.7	29.7
7-8 PM	1727	0.0	905	0.0	1499	1727	0	905	6.07	142	68.6	25.1	30.8	31.0	31.0
8-9 PM	1396	0.0	731	0.0	1499	1396	0	731	8.35	192	69.0	20.3	30.8	31.7	31.7
9-10 PM	1170	0.0	613	0.0	1500	1170	0	613	1.49	28	69.3	48.4	38.0	32.2	32.2
10-11 PM	882	0.0	463	0.0	1500	882	0	463	0.57	0	69.6	59.7	42.1	32.9	32.9
11PM-MID	608	0.0	319	0.0	1500	608	0	319	0.54	0	70.0	60.4	43.1	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	0.0290
MAIN ROUTE WITH WORKS	0.0285
DIVERSION	0.2505

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$5,957
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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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

