

<b>IH 39/90/94: IH 94/STH 30 TO BELTLINE (DANE COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: BELTLINE - USH 51 - STH 30</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**FRIDAY 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	503	0.0	264	0.0	OFF	503	0	264	0.00	0	70.1	70.1	70.1	33.7	33.7
1-2 AM	417	0.0	219	0.0	OFF	417	0	219	0.00	0	70.2	70.2	70.2	33.8	33.8
2-3 AM	364	0.0	191	0.0	OFF	364	0	191	0.00	0	70.2	70.2	70.2	34.0	34.0
3-4 AM	386	0.0	202	0.0	OFF	386	0	202	0.00	0	70.2	70.2	70.2	33.9	33.9
4-5 AM	550	0.0	288	0.0	OFF	550	0	288	0.00	0	70.0	70.0	70.0	33.6	33.6
5-6 AM	1096	0.0	574	0.0	OFF	1096	0	574	0.00	0	69.4	69.4	69.4	32.4	32.4
6-7 AM	2399	0.0	1258	0.0	OFF	2399	0	1258+	0.00	0	67.8	67.8	67.8	29.6	29.6
7-8 AM	3479	0.0	1824	0.0	OFF	3479	0	1824+	0.00	0	66.4	66.4	66.4	27.2	27.2
8-9 AM	3041	0.0	1595	0.0	OFF	3041	0	1595+	0.00	0	66.9	66.9	66.9	28.1	28.1
9-10 AM	2624	0.0	1376	0.0	3000	2624	0	1376+	0.48	0	67.5	59.4	44.0	29.1	29.1
10-11 AM	2745	0.0	1439	0.0	2999	2745	0	1439+	0.56	0	67.3	58.1	41.6	28.8	28.8
11A-NOON	3012	0.0	1579	0.0	2999	3012	0	1579+	0.87	9	67.0	53.9	37.6	28.2	28.2
NOON-1PM	3250	0.0	1704	0.0	3000	3250	0	1704+	3.18	146	66.7	35.4	37.3	27.7	27.7
1-2 PM	3513	0.0	1842	0.0	3000	3489	24	1866+	9.74	522	66.4	17.9	37.3	27.1	27.0
2-3 PM	3799	0.0	1992	0.0	2999	3099	701	2693+	15.50	821	64.9	13.0	37.3	26.5	23.8
3-4 PM	4501	0.0	2360	0.0	3000	3282	1220	3579+	19.14	1043	60.1	11.8	37.3	25.0	20.6
4-5 PM	4586	0.0	2405	0.0	OFF	4586	0	2405+	5.35	473	59.6	25.6	25.6	24.8	24.8
5-6 PM	4263	0.0	2235	0.0	OFF	4263	0	2235+	0.00	0	61.7	61.7	61.7	25.5	25.5
6-7 PM	3538	0.0	1855	0.0	OFF	3538	0	1855+	0.00	0	66.3	66.3	66.3	27.1	27.1
7-8 PM	2813	0.0	1474	0.0	OFF	2813	0	1474+	0.00	0	67.3	67.3	67.3	28.6	28.6
8-9 PM	2390	0.0	1254	0.0	OFF	2390	0	1254+	0.00	0	67.8	67.8	67.8	29.6	29.6
9-10 PM	1927	0.0	1011	0.0	OFF	1927	0	1011	0.00	0	68.3	68.3	68.3	30.6	30.6
10-11 PM	1514	0.0	794	0.0	OFF	1514	0	794	0.00	0	68.9	68.9	68.9	31.5	31.5
11PM-MID	961	0.0	503	0.0	OFF	961	0	503	0.00	0	69.6	69.6	69.6	32.7	32.7

"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	0.0367
MAIN ROUTE WITH WORKS	0.0341
DIVERSION	0.3373

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$44,721
CONGESTED HOURS PER DAY*	2

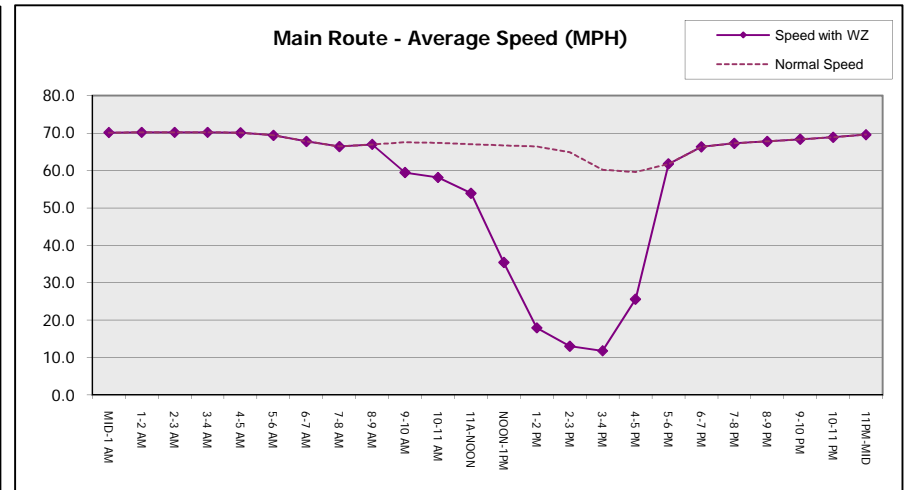
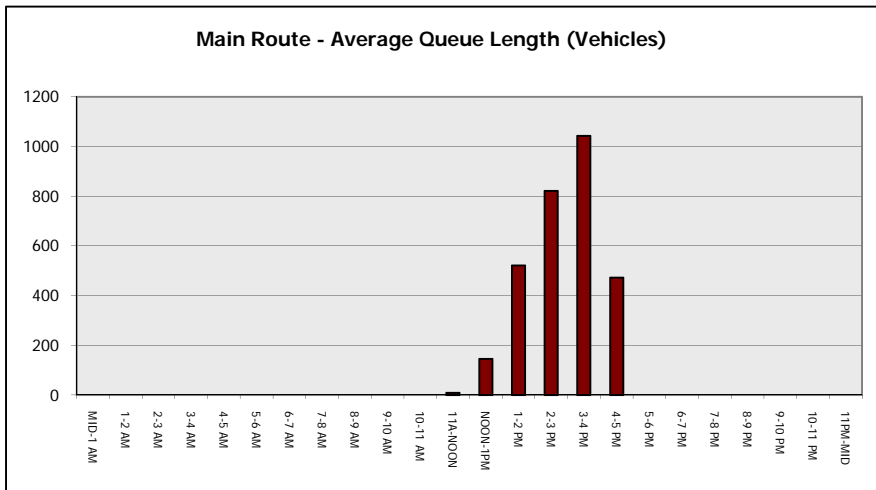
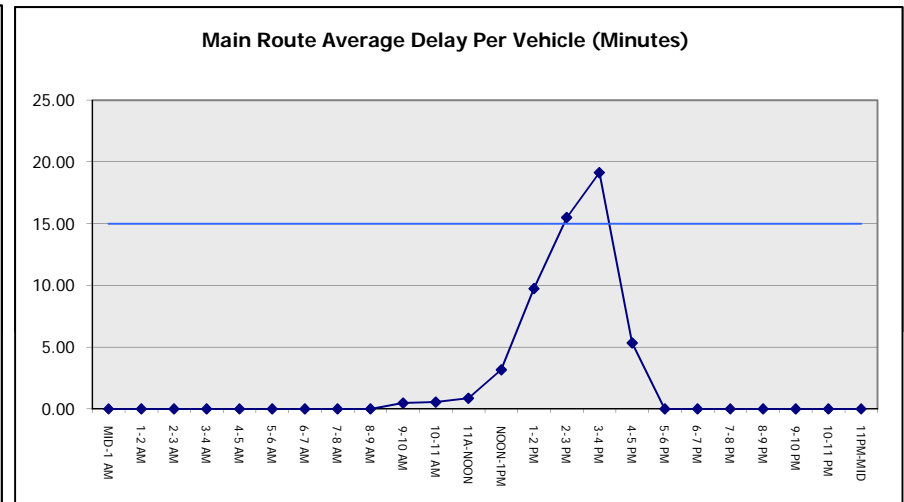
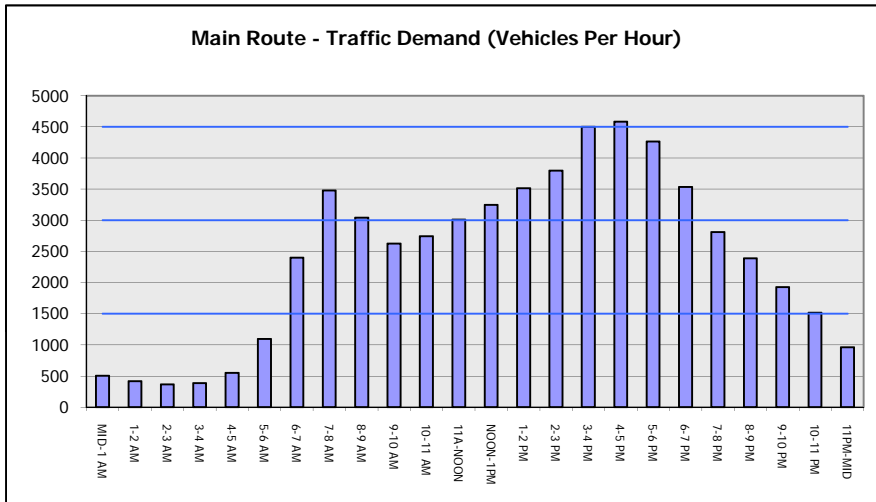
\*Delays Exceeding 15 Minutes

**IH 39/90/94: IH 94/STH 30 TO BELTLINE (DANE COUNTY)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: BELTLINE - USH 51 - STH 30**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**FRIDAY WESTBOUND DIRECTION**



<b>IH 39/90/94: IH 94/STH 30 TO BELTLINE (DANE COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: BELTLINE - USH 51 - STH 30</b>	<b>MAY</b> Analyzed for 2009 Construction Season
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<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
FRIDAY	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	425	0.0	223	0.0	OFF	425	0	223	0.00	0	70.2	70.2	70.2	33.8	33.8
1-2 AM	336	0.0	176	0.0	OFF	336	0	176	0.00	0	70.2	70.2	70.2	34.0	34.0
2-3 AM	334	0.0	175	0.0	OFF	334	0	175	0.00	0	70.2	70.2	70.2	34.0	34.0
3-4 AM	370	0.0	194	0.0	OFF	370	0	194	0.00	0	70.2	70.2	70.2	34.0	34.0
4-5 AM	461	0.0	242	0.0	OFF	461	0	242	0.00	0	70.2	70.2	70.2	33.8	33.8
5-6 AM	1144	0.0	600	0.0	OFF	1144	0	600	0.00	0	69.3	69.3	69.3	32.3	32.3
6-7 AM	2684	0.0	1407	0.0	OFF	2684	0	1407+	0.00	0	67.4	67.4	67.4	28.9	28.9
7-8 AM	3108	0.0	1629	0.0	OFF	3108	0	1629+	0.00	0	66.9	66.9	66.9	28.0	28.0
8-9 AM	2494	0.0	1308	0.0	OFF	2494	0	1308+	0.00	0	67.6	67.6	67.6	29.3	29.3
9-10 AM	2322	0.0	1218	0.0	3000	2322	0	1218+	0.33	0	67.9	62.0	49.7	29.7	29.7
10-11 AM	2446	0.0	1282	0.0	3000	2446	0	1282+	0.37	0	67.7	61.4	48.1	29.4	29.4
11A-NOON	2582	0.0	1354	0.0	3000	2582	0	1354+	0.46	0	67.5	59.9	44.9	29.1	29.1
NOON-1PM	2800	0.0	1468	0.0	3000	2800	0	1468+	0.60	0	67.3	57.6	40.6	28.7	28.7
1-2 PM	2845	0.0	1492	0.0	2999	2845	0	1492+	0.63	0	67.2	57.1	39.8	28.6	28.6
2-3 PM	3185	0.0	1670	0.0	2999	3185	0	1670+	1.94	74	66.8	43.4	37.3	27.8	27.8
3-4 PM	3433	0.0	1800	0.0	3000	3433	0	1800+	7.31	385	66.4	22.0	37.3	27.3	27.3
4-5 PM	3681	0.0	1930	0.0	OFF	3681	0	1930+	1.07	82	65.7	50.8	50.8	26.8	26.8
5-6 PM	3423	0.0	1795	0.0	OFF	3423	0	1795+	0.00	0	66.5	66.5	66.5	27.3	27.3
6-7 PM	2810	0.0	1473	0.0	OFF	2810	0	1473+	0.00	0	67.3	67.3	67.3	28.6	28.6
7-8 PM	2248	0.0	1178	0.0	OFF	2248	0	1178	0.00	0	67.9	67.9	67.9	29.9	29.9
8-9 PM	1787	0.0	937	0.0	OFF	1787	0	937	0.00	0	68.5	68.5	68.5	30.9	30.9
9-10 PM	1514	0.0	794	0.0	OFF	1514	0	794	0.00	0	68.9	68.9	68.9	31.5	31.5
10-11 PM	1170	0.0	613	0.0	OFF	1170	0	613	0.00	0	69.3	69.3	69.3	32.2	32.2
11PM-MID	876	0.0	459	0.0	OFF	876	0	459	0.00	0	69.6	69.6	69.6	32.9	32.9

"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	0.0309
MAIN ROUTE WITH WORKS	0.0296
DIVERSION	0.2664

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$8,463
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: BELTLINE - USH 51 - STH 30**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

