

**IH 39/90/94: USH 51 TO IH 94/STH 30 (DANE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 30 - USH 51**

MAY
Analyzed for 2009
Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT
SUNDAY 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	383	0.0	125	0.0	3000	383	0	125	0.36	0	70.2	65.3	49.7	39.1	39.1
1-2 AM	254	0.0	83	0.0	3000	254	0	83	0.36	0	70.2	65.3	49.7	39.4	39.4
2-3 AM	216	0.0	70	0.0	3000	216	0	70	0.36	0	70.2	65.3	49.7	39.4	39.4
3-4 AM	166	0.0	54	0.0	3000	166	0	54	0.36	0	70.2	65.3	49.7	39.5	39.5
4-5 AM	154	0.0	50	0.0	3000	154	0	50	0.36	0	70.2	65.3	49.7	39.5	39.5
5-6 AM	249	0.0	81	0.0	3000	249	0	81	0.36	0	70.2	65.3	49.7	39.4	39.4
6-7 AM	393	0.0	128	0.0	3000	393	0	128	0.36	0	70.2	65.3	49.7	39.1	39.1
7-8 AM	656	0.0	213	0.0	3000	656	0	213	0.36	0	69.9	65.1	49.7	38.7	38.7
8-9 AM	1050	0.0	342	0.0	3000	1050	0	342	0.35	0	69.4	64.8	49.7	38.1	38.1
9-10 AM	1593	0.0	519	0.0	3000	1593	0	519	0.34	0	68.7	64.3	49.7	37.3	37.3
10-11 AM	2160	0.0	703	0.0	3000	2160	0	703	0.33	0	68.1	63.8	49.7	36.3	36.3
11A-NOON	2353	0.0	767	0.0	3000	2353	0	767	0.33	0	67.8	63.7	49.7	36.1	36.1
NOON-1PM	2356	0.0	767	0.0	3000	2356	0	767	0.33	0	67.8	63.7	49.7	36.1	36.1
1-2 PM	2376	0.0	774	0.0	3000	2376	0	774	0.33	0	67.8	63.7	49.7	36.0	36.0
2-3 PM	2408	0.0	785	0.0	3000	2408	0	785	0.34	0	67.8	63.5	49.1	36.0	36.0
3-4 PM	2431	0.0	792	0.0	3000	2431	0	792	0.36	0	67.7	63.2	48.6	36.0	36.0
4-5 PM	2505	0.0	816	0.0	3000	2505	0	816	0.41	0	67.6	62.6	46.7	35.8	35.8
5-6 PM	2198	0.0	716	0.0	3000	2198	0	716	0.33	0	68.0	63.8	49.7	36.3	36.3
6-7 PM	1940	0.0	632	0.0	3000	1940	0	632	0.34	0	68.3	64.0	49.7	36.7	36.7
7-8 PM	1620	0.0	527	0.0	3000	1620	0	527	0.34	0	68.7	64.3	49.7	37.2	37.2
8-9 PM	1266	0.0	412	0.0	3000	1266	0	412	0.35	0	69.2	64.6	49.7	37.8	37.8
9-10 PM	965	0.0	314	0.0	3000	965	0	314	0.35	0	69.6	64.9	49.7	38.3	38.3
10-11 PM	638	0.0	208	0.0	3000	638	0	208	0.36	0	69.9	65.2	49.7	38.8	38.8
11PM-MID	468	0.0	153	0.0	3000	468	0	153	0.36	0	70.2	65.3	49.7	39.0	39.0

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0279
MAIN ROUTE WITH WORKS	0.0259
DIVERSION	0.1024

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,684
CONGESTED HOURS PER DAY*	0

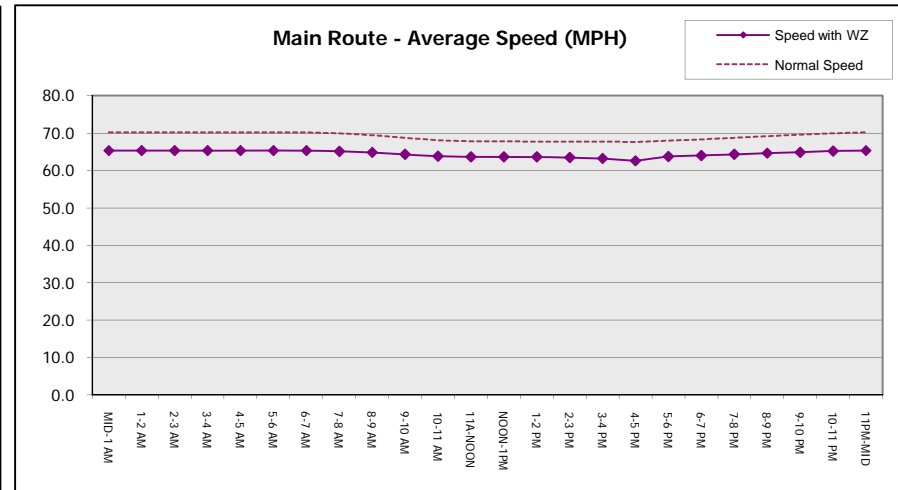
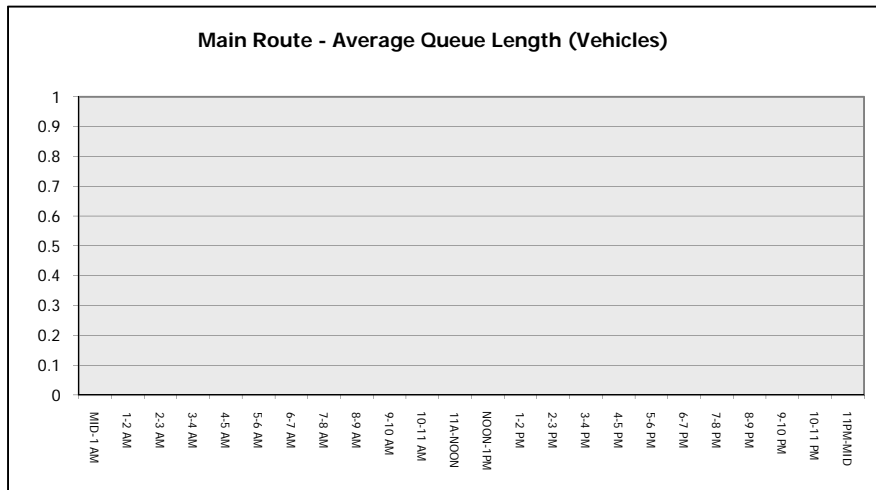
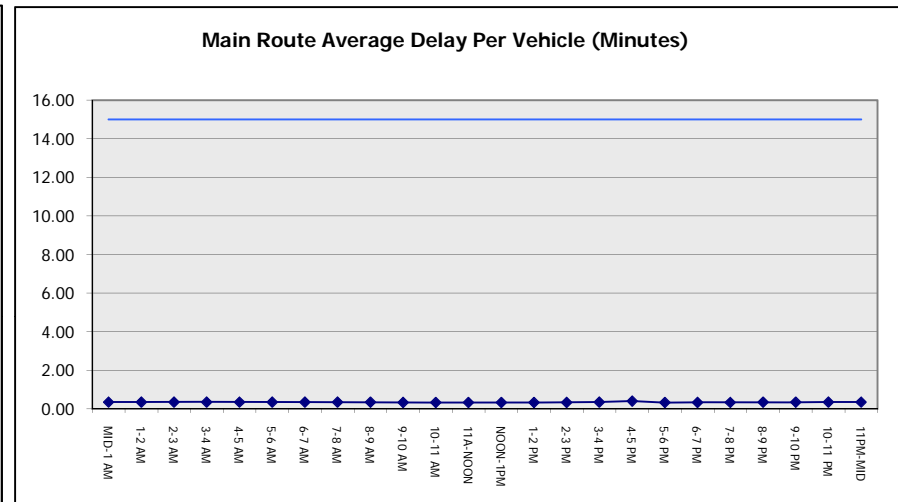
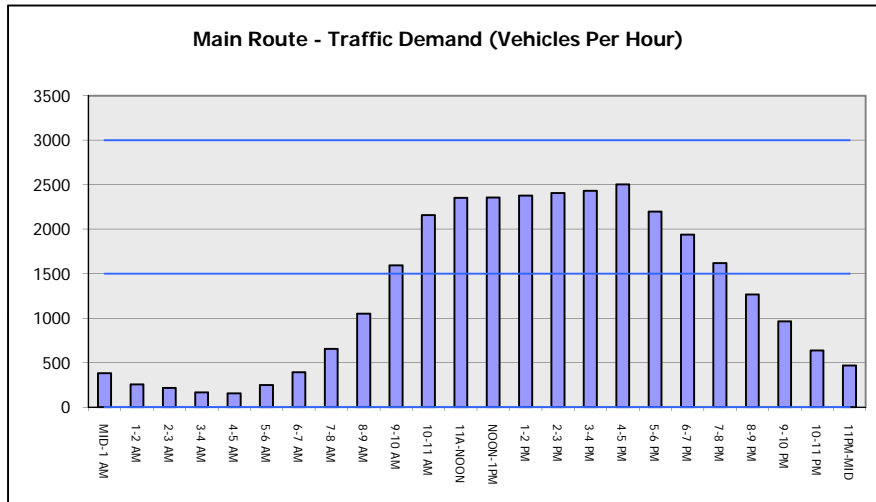
*Delays Exceeding 15 Minutes

IH 39/90/94: USH 51 TO IH 94/STH 30 (DANE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 30 - USH 51

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 39/90/94: USH 51 TO IH 94/STH 30 (DANE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 30 - USH 51	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	345	0.0	113	0.0	3000	345	0	113	0.36	0	70.2	65.3	49.7	39.2	39.2
1-2 AM	232	0.0	75	0.0	3000	232	0	75	0.36	0	70.2	65.3	49.7	39.4	39.4
2-3 AM	181	0.0	59	0.0	3000	181	0	59	0.36	0	70.2	65.3	49.7	39.4	39.4
3-4 AM	143	0.0	47	0.0	3000	143	0	47	0.36	0	70.2	65.3	49.7	39.5	39.5
4-5 AM	150	0.0	48	0.0	3000	150	0	48	0.36	0	70.2	65.3	49.7	39.5	39.5
5-6 AM	231	0.0	75	0.0	3000	231	0	75	0.36	0	70.2	65.3	49.7	39.4	39.4
6-7 AM	428	0.0	139	0.0	3000	428	0	139	0.36	0	70.2	65.3	49.7	39.1	39.1
7-8 AM	629	0.0	205	0.0	3000	629	0	205	0.36	0	69.9	65.2	49.7	38.8	38.8
8-9 AM	1056	0.0	344	0.0	3000	1056	0	344	0.35	0	69.4	64.8	49.7	38.1	38.1
9-10 AM	1494	0.0	487	0.0	3000	1494	0	487	0.34	0	68.9	64.4	49.7	37.4	37.4
10-11 AM	1992	0.0	649	0.0	3000	1992	0	649	0.33	0	68.2	64.0	49.7	36.6	36.6
11A-NOON	2458	0.0	800	0.0	3000	2458	0	800	0.37	0	67.7	63.0	47.8	35.9	35.9
NOON-1PM	2660	0.0	866	0.0	3000	2660	0	866	0.51	0	67.4	61.3	43.3	35.6	35.6
1-2 PM	2655	0.0	864	0.0	3000	2655	0	864	0.50	0	67.4	61.4	43.3	35.6	35.6
2-3 PM	2803	0.0	914	0.0	3000	2803	0	914	0.60	0	67.3	60.2	40.5	35.3	35.3
3-4 PM	2806	0.0	915	0.0	3000	2806	0	915	0.60	0	67.3	60.1	40.4	35.3	35.3
4-5 PM	2759	0.0	899	0.0	3000	2759	0	899	0.57	0	67.3	60.5	41.3	35.4	35.4
5-6 PM	2690	0.0	877	0.0	3000	2690	0	877	0.53	0	67.4	61.0	42.7	35.5	35.5
6-7 PM	2422	0.0	789	0.0	3000	2422	0	789	0.35	0	67.8	63.3	48.7	36.0	36.0
7-8 PM	1953	0.0	636	0.0	3000	1953	0	636	0.34	0	68.3	64.0	49.7	36.7	36.7
8-9 PM	1562	0.0	509	0.0	3000	1562	0	509	0.34	0	68.8	64.3	49.7	37.3	37.3
9-10 PM	1181	0.0	385	0.0	3000	1181	0	385	0.35	0	69.2	64.7	49.7	37.9	37.9
10-11 PM	837	0.0	273	0.0	3000	837	0	273	0.35	0	69.7	65.0	49.7	38.4	38.4
11PM-MID	522	0.0	170	0.0	3000	522	0	170	0.36	0	70.1	65.3	49.7	38.9	38.9

----- 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	0.0310
MAIN ROUTE WITH WORKS	0.0287
DIVERSION	0.1136

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,837
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 30 - USH 51

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY EASTBOUND DIRECTION

