

**IH 39/90/94: STH 60 TO USH 51 (DANE AND COLUMBIA COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: USH 51 - STH 60**

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	221	0.0	58	0.0	3000	221	0	58	0.36	0	70.2	67.9	49.7	39.0	39.0
1-2 AM	146	0.0	39	0.0	3000	146	0	39	0.36	0	70.2	67.9	49.7	39.2	39.2
2-3 AM	99	0.0	26	0.0	3000	99	0	26	0.36	0	70.2	67.9	49.7	39.4	39.4
3-4 AM	98	0.0	26	0.0	3000	98	0	26	0.36	0	70.2	67.9	49.7	39.4	39.4
4-5 AM	109	0.0	28	0.0	3000	109	0	28	0.36	0	70.2	67.9	49.7	39.4	39.4
5-6 AM	157	0.0	41	0.0	3000	157	0	41	0.36	0	70.2	67.9	49.7	39.2	39.2
6-7 AM	279	0.0	73	0.0	3000	279	0	73	0.36	0	70.2	67.9	49.7	38.8	38.8
7-8 AM	527	0.0	138	0.0	3000	527	0	138	0.36	0	70.0	67.9	49.7	38.0	38.0
8-9 AM	859	0.0	225	0.0	3000	859	0	225	0.35	0	69.7	67.5	49.7	36.9	36.9
9-10 AM	1285	0.0	337	0.0	3000	1285	0	337	0.35	0	69.1	67.1	49.7	35.6	35.6
10-11 AM	1685	0.0	443	0.0	3000	1685	0	443	0.34	0	68.6	66.6	49.7	34.2	34.2
11A-NOON	1893	0.0	497	0.0	3000	1893	0	497	0.34	0	68.4	66.4	49.7	33.6	33.6
NOON-1PM	1912	0.0	502	0.0	3000	1912	0	502	0.34	0	68.4	66.4	49.7	33.5	33.5
1-2 PM	1931	0.0	506	0.0	3000	1931	0	506	0.34	0	68.3	66.3	49.7	33.5	33.5
2-3 PM	1972	0.0	518	0.0	3000	1972	0	518	0.34	0	68.3	66.3	49.7	33.3	33.3
3-4 PM	1908	0.0	501	0.0	3000	1908	0	501	0.34	0	68.4	66.4	49.7	33.5	33.5
4-5 PM	1826	0.0	479	0.0	3000	1826	0	479	0.34	0	68.4	66.4	49.7	33.8	33.8
5-6 PM	1798	0.0	472	0.0	3000	1798	0	472	0.34	0	68.5	66.5	49.7	33.9	33.9
6-7 PM	1576	0.0	413	0.0	3000	1576	0	413	0.34	0	68.7	66.8	49.7	34.6	34.6
7-8 PM	1219	0.0	320	0.0	3000	1219	0	320	0.35	0	69.2	67.1	49.7	35.8	35.8
8-9 PM	902	0.0	236	0.0	3000	902	0	236	0.35	0	69.6	67.4	49.7	36.8	36.8
9-10 PM	641	0.0	168	0.0	3000	641	0	168	0.36	0	69.9	67.8	49.7	37.6	37.6
10-11 PM	425	0.0	112	0.0	3000	425	0	112	0.36	0	70.2	67.9	49.7	38.4	38.4
11PM-MID	322	0.0	85	0.0	3000	322	0	85	0.36	0	70.2	67.9	49.7	38.7	38.7

----- 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	0.0485
MAIN ROUTE WITH WORKS	0.0469
DIVERSION	0.1350

PIA: Personal Injury Accidents

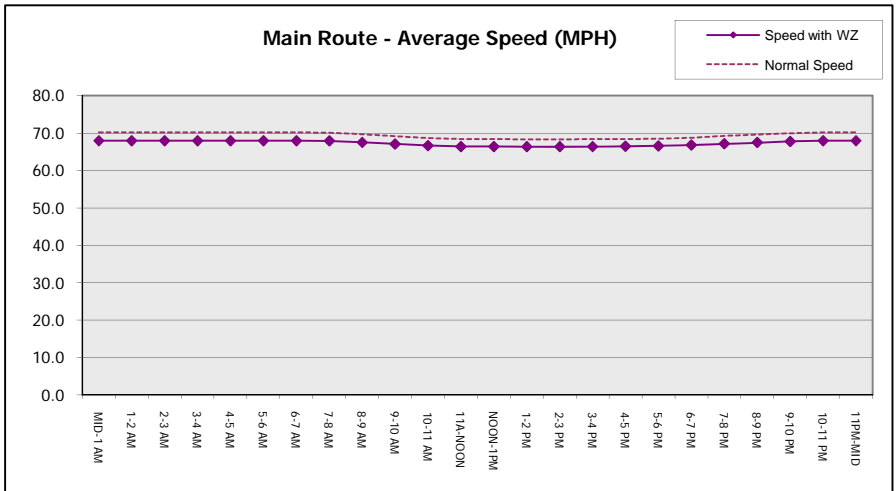
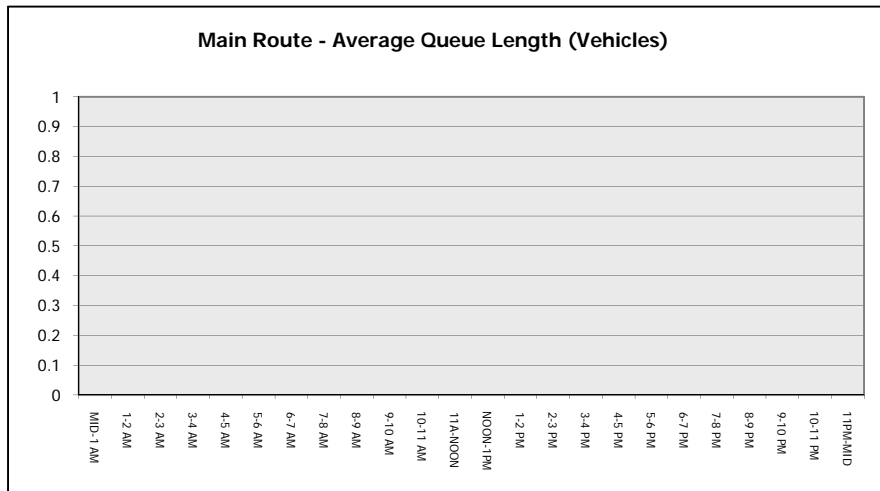
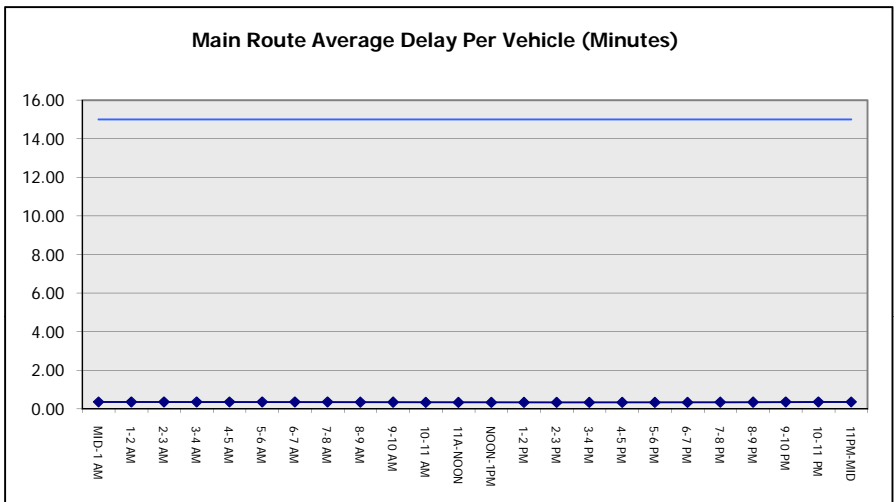
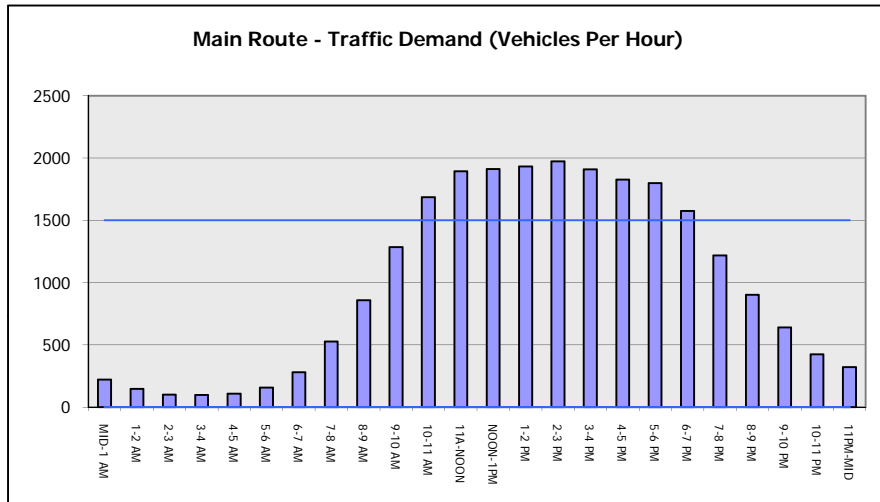
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,069
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 39/90/94: STH 60 TO USH 51 (DANE AND COLUMBIA COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: USH 51 - STH 60

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 39/90/94: STH 60 TO USH 51 (DANE AND COLUMBIA COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: USH 51 - STH 60	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	276	0.0	72	0.0	3000	276	0	72	0.36	0	70.2	67.9	49.7	38.9	38.9
1-2 AM	203	0.0	53	0.0	3000	203	0	53	0.36	0	70.2	67.9	49.7	39.1	39.1
2-3 AM	189	0.0	49	0.0	3000	189	0	49	0.36	0	70.2	67.9	49.7	39.1	39.1
3-4 AM	149	0.0	39	0.0	3000	149	0	39	0.36	0	70.2	67.9	49.7	39.2	39.2
4-5 AM	140	0.0	37	0.0	3000	140	0	37	0.36	0	70.2	67.9	49.7	39.3	39.3
5-6 AM	195	0.0	51	0.0	3000	195	0	51	0.36	0	70.2	67.9	49.7	39.1	39.1
6-7 AM	270	0.0	71	0.0	3000	270	0	71	0.36	0	70.2	67.9	49.7	38.9	38.9
7-8 AM	496	0.0	130	0.0	3000	496	0	130	0.36	0	70.1	67.9	49.7	38.1	38.1
8-9 AM	891	0.0	233	0.0	3000	891	0	233	0.35	0	69.6	67.4	49.7	36.8	36.8
9-10 AM	1446	0.0	380	0.0	3000	1446	0	380	0.34	0	68.9	66.9	49.7	35.0	35.0
10-11 AM	2057	0.0	540	0.0	3000	2057	0	540	0.33	0	68.2	66.2	49.7	33.0	33.0
11A-NOON	2485	0.0	652	0.0	3000	2485	0	652	0.39	0	67.6	65.4	47.2	31.7	31.7
NOON-1PM	2595	0.0	681	0.0	3000	2595	0	681	0.46	0	67.5	64.8	44.6	31.3	31.3
1-2 PM	2615	0.0	686	0.0	3000	2615	0	686	0.48	0	67.5	64.8	44.2	31.2	31.2
2-3 PM	2862	0.0	751	0.0	3000	2862	0	751	0.64	0	67.2	63.6	39.5	30.4	30.4
3-4 PM	2996	0.0	786	0.0	3000	2996	0	786	0.73	0	67.0	63.0	37.3	30.0	30.0
4-5 PM	2884	0.0	757	0.0	3000	2884	0	757	0.65	0	67.1	63.5	39.1	30.4	30.4
5-6 PM	2623	0.0	689	0.0	3000	2623	0	689	0.48	0	67.5	64.7	44.0	31.2	31.2
6-7 PM	2221	0.0	583	0.0	3000	2221	0	583	0.33	0	68.0	66.0	49.7	32.5	32.5
7-8 PM	1792	0.0	471	0.0	3000	1792	0	471	0.34	0	68.5	66.5	49.7	33.9	33.9
8-9 PM	1506	0.0	396	0.0	3000	1506	0	396	0.34	0	68.9	66.8	49.7	34.8	34.8
9-10 PM	1075	0.0	283	0.0	3000	1075	0	283	0.35	0	69.4	67.3	49.7	36.2	36.2
10-11 PM	755	0.0	198	0.0	3000	755	0	198	0.35	0	69.8	67.6	49.7	37.3	37.3
11PM-MID	455	0.0	119	0.0	3000	455	0	119	0.36	0	70.2	67.9	49.7	38.3	38.3

----- 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	0.0676
MAIN ROUTE WITH WORKS	0.0654
DIVERSION	0.1882

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,891
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 39/90/94: STH 60 TO USH 51 (DANE AND COLUMBIA COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: USH 51 - STH 60

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY EASTBOUND DIRECTION

