

**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
SATURDAY 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	483	0.0	127	0.0	3000	483	0	127	0.36	0	70.1	67.9	49.7	38.2	38.2
1-2 AM	333	0.0	88	0.0	3000	333	0	88	0.36	0	70.2	67.9	49.7	38.6	38.6
2-3 AM	245	0.0	64	0.0	3000	245	0	64	0.36	0	70.2	67.9	49.7	38.9	38.9
3-4 AM	242	0.0	64	0.0	3000	242	0	64	0.36	0	70.2	67.9	49.7	38.9	38.9
4-5 AM	267	0.0	70	0.0	3000	267	0	70	0.36	0	70.2	67.9	49.7	38.9	38.9
5-6 AM	428	0.0	113	0.0	3000	428	0	113	0.36	0	70.2	67.9	49.7	38.3	38.3
6-7 AM	774	0.0	203	0.0	3000	774	0	203	0.35	0	69.8	67.6	49.7	37.2	37.2
7-8 AM	1325	0.0	347	0.0	3000	1325	0	347	0.35	0	69.1	67.0	49.7	35.5	35.5
8-9 AM	1824	0.0	478	0.0	3000	1824	0	478	0.34	0	68.5	66.4	49.7	33.8	33.8
9-10 AM	2186	0.0	573	0.0	3000	2186	0	573	0.33	0	68.0	66.1	49.7	32.6	32.6
10-11 AM	2335	0.0	613	0.0	3000	2335	0	613	0.33	0	67.8	65.9	49.7	32.1	32.1
11A-NOON	2291	0.0	602	0.0	3000	2291	0	602	0.33	0	67.9	66.0	49.7	32.3	32.3
NOON-1PM	2131	0.0	559	0.0	3000	2131	0	559	0.33	0	68.1	66.1	49.7	32.8	32.8
1-2 PM	2002	0.0	525	0.0	3000	2002	0	525	0.33	0	68.2	66.3	49.7	33.2	33.2
2-3 PM	1902	0.0	499	0.0	3000	1902	0	499	0.34	0	68.4	66.4	49.7	33.5	33.5
3-4 PM	1677	0.0	441	0.0	3000	1677	0	441	0.34	0	68.6	66.6	49.7	34.3	34.3
4-5 PM	1535	0.0	403	0.0	3000	1535	0	403	0.34	0	68.8	66.8	49.7	34.7	34.7
5-6 PM	1377	0.0	361	0.0	3000	1377	0	361	0.34	0	69.0	66.9	49.7	35.3	35.3
6-7 PM	1145	0.0	300	0.0	3000	1145	0	300	0.35	0	69.3	67.2	49.7	36.0	36.0
7-8 PM	947	0.0	249	0.0	3000	947	0	249	0.35	0	69.6	67.4	49.7	36.6	36.6
8-9 PM	733	0.0	193	0.0	3000	733	0	193	0.35	0	69.8	67.6	49.7	37.3	37.3
9-10 PM	621	0.0	163	0.0	3000	621	0	163	0.36	0	70.0	67.8	49.7	37.7	37.7
10-11 PM	503	0.0	132	0.0	3000	503	0	132	0.36	0	70.1	67.9	49.7	38.1	38.1
11PM-MID	339	0.0	89	0.0	3000	339	0	89	0.36	0	70.2	67.9	49.7	38.6	38.6

----- 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	0.0563
MAIN ROUTE WITH WORKS	0.0545
DIVERSION	0.1568

PIA: Personal Injury Accidents

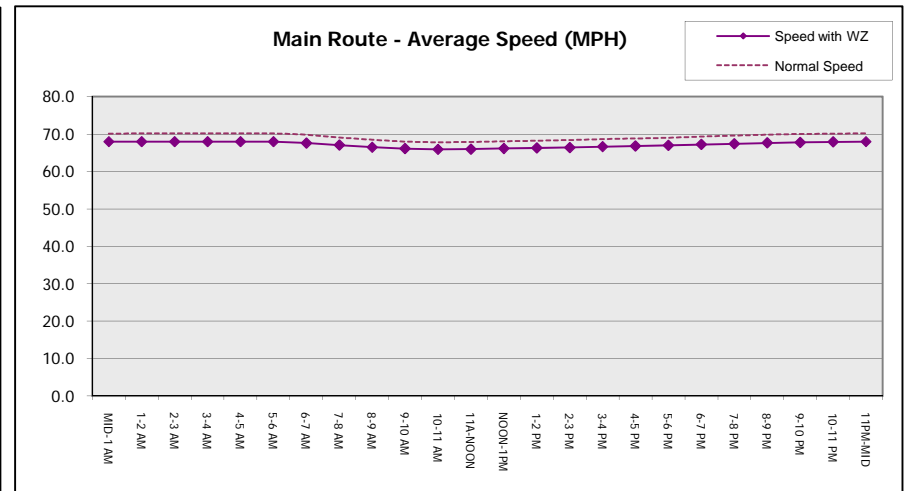
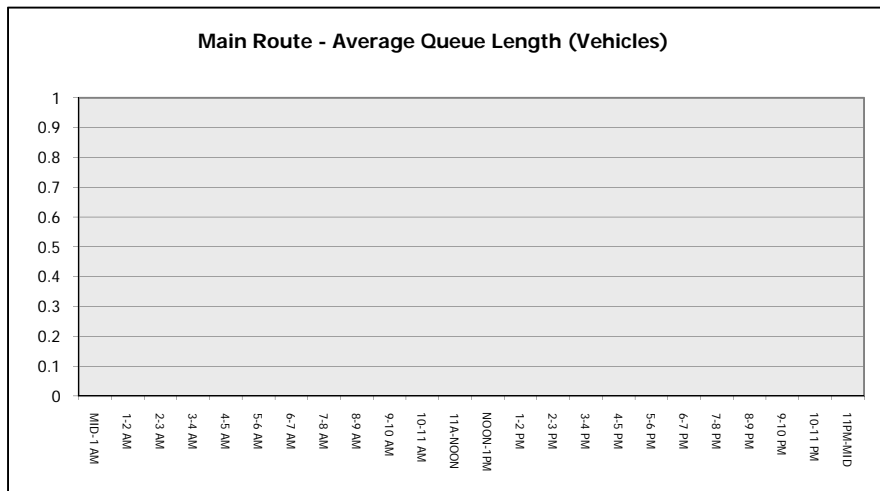
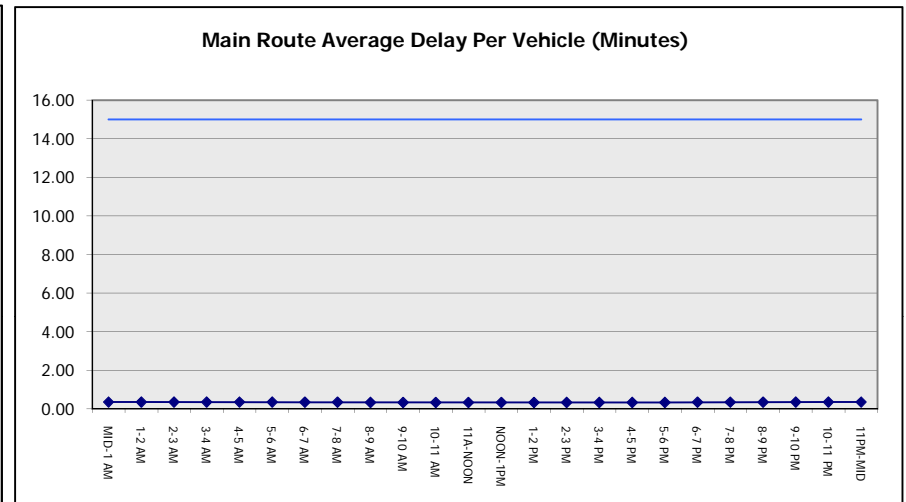
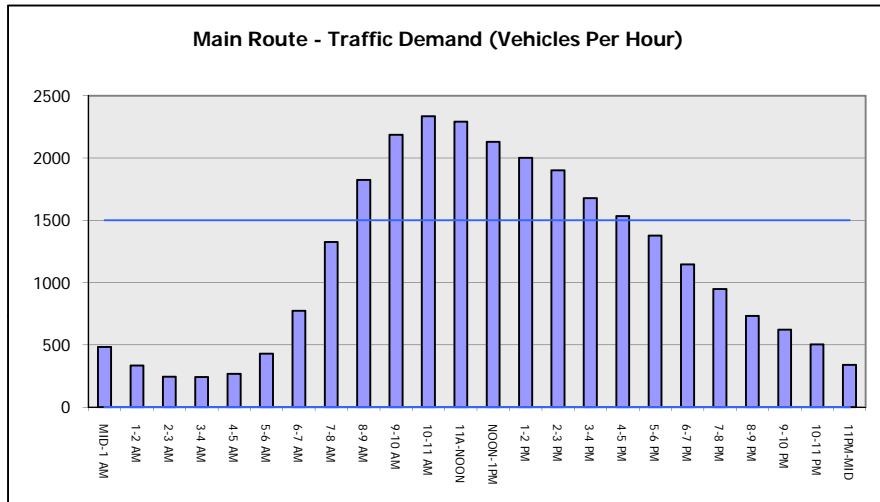
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,285
CONGESTED HOURS PER DAY*	0

*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
SATURDAY 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

SATURDAY 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	334	0.0	88	0.0	3000	334	0	88	0.36	0	70.2	67.9	49.7	38.6	38.6
1-2 AM	248	0.0	65	0.0	3000	248	0	65	0.36	0	70.2	67.9	49.7	38.9	38.9
2-3 AM	245	0.0	64	0.0	3000	245	0	64	0.36	0	70.2	67.9	49.7	38.9	38.9
3-4 AM	254	0.0	67	0.0	3000	254	0	67	0.36	0	70.2	67.9	49.7	38.9	38.9
4-5 AM	237	0.0	63	0.0	3000	237	0	63	0.36	0	70.2	67.9	49.7	38.9	38.9
5-6 AM	293	0.0	77	0.0	3000	293	0	77	0.36	0	70.2	67.9	49.7	38.8	38.8
6-7 AM	441	0.0	116	0.0	3000	441	0	116	0.36	0	70.2	67.9	49.7	38.3	38.3
7-8 AM	658	0.0	173	0.0	3000	658	0	173	0.36	0	69.9	67.7	49.7	37.6	37.6
8-9 AM	959	0.0	252	0.0	3000	959	0	252	0.35	0	69.6	67.4	49.7	36.6	36.6
9-10 AM	1258	0.0	331	0.0	3000	1258	0	331	0.35	0	69.2	67.1	49.7	35.6	35.6
10-11 AM	1560	0.0	409	0.0	3000	1560	0	409	0.34	0	68.8	66.8	49.7	34.7	34.7
11A-NOON	1671	0.0	438	0.0	3000	1671	0	438	0.34	0	68.7	66.6	49.7	34.3	34.3
NOON-1PM	1648	0.0	432	0.0	3000	1648	0	432	0.34	0	68.7	66.6	49.7	34.4	34.4
1-2 PM	1665	0.0	437	0.0	3000	1665	0	437	0.34	0	68.7	66.6	49.7	34.3	34.3
2-3 PM	1632	0.0	428	0.0	3000	1632	0	428	0.34	0	68.7	66.7	49.7	34.4	34.4
3-4 PM	1600	0.0	420	0.0	3000	1600	0	420	0.34	0	68.7	66.7	49.7	34.5	34.5
4-5 PM	1506	0.0	396	0.0	3000	1506	0	396	0.34	0	68.9	66.8	49.7	34.8	34.8
5-6 PM	1382	0.0	363	0.0	3000	1382	0	363	0.34	0	69.0	66.9	49.7	35.2	35.2
6-7 PM	1196	0.0	314	0.0	3000	1196	0	314	0.35	0	69.2	67.1	49.7	35.8	35.8
7-8 PM	1063	0.0	279	0.0	3000	1063	0	279	0.35	0	69.4	67.3	49.7	36.3	36.3
8-9 PM	951	0.0	250	0.0	3000	951	0	250	0.35	0	69.6	67.4	49.7	36.6	36.6
9-10 PM	796	0.0	209	0.0	3000	796	0	209	0.35	0	69.7	67.6	49.7	37.1	37.1
10-11 PM	662	0.0	174	0.0	3000	662	0	174	0.36	0	69.9	67.7	49.7	37.6	37.6
11PM-MID	432	0.0	113	0.0	3000	432	0	113	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	0.0462
MAIN ROUTE WITH WORKS	0.0447
DIVERSION	0.1288

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,907
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

SATURDAY EASTBOUND DIRECTION

