

<b>USH 151: IH 39 TO STH 19 (DANE COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE SEGMENT)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY SOUTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	257	0.0	3000	257	0	0.36	0	70.2	64.4	49.7
1-2 AM	149	0.0	3000	149	0	0.36	0	70.2	64.4	49.7
2-3 AM	146	0.0	3000	146	0	0.36	0	70.2	64.4	49.7
3-4 AM	103	0.0	3000	103	0	0.36	0	70.2	64.4	49.7
4-5 AM	156	0.0	3000	156	0	0.36	0	70.2	64.4	49.7
5-6 AM	255	0.0	3000	255	0	0.36	0	70.2	64.4	49.7
6-7 AM	548	0.0	3000	548	0	0.36	0	70.0	64.3	49.7
7-8 AM	818	0.0	3000	818	0	0.35	0	69.7	64.1	49.7
8-9 AM	1145	0.0	3000	1145	0	0.35	0	69.3	63.8	49.7
9-10 AM	1507	0.0	3000	1507	0	0.34	0	68.9	63.5	49.7
10-11 AM	1798	0.0	3000	1798	0	0.34	0	68.5	63.3	49.7
11AM-NOON	1890	0.0	3000	1890	0	0.34	0	68.4	63.2	49.7
NOON-1PM	1834	0.0	3000	1834	0	0.34	0	68.4	63.3	49.7
1-2 PM	1706	0.0	3000	1706	0	0.34	0	68.6	63.4	49.7
2-3 PM	1663	0.0	3000	1663	0	0.34	0	68.7	63.4	49.7
3-4 PM	1598	0.0	3000	1598	0	0.34	0	68.7	63.5	49.7
4-5 PM	1535	0.0	3000	1535	0	0.34	0	68.8	63.5	49.7
5-6 PM	1396	0.0	3000	1396	0	0.34	0	69.0	63.7	49.7
6-7 PM	1344	0.0	3000	1344	0	0.35	0	69.1	63.7	49.7
7-8 PM	1029	0.0	3000	1029	0	0.35	0	69.4	64.0	49.7
8-9 PM	878	0.0	3000	878	0	0.35	0	69.6	64.1	49.7
9-10 PM	736	0.0	3000	736	0	0.35	0	69.8	64.1	49.7
10-11 PM	610	0.0	3000	610	0	0.36	0	70.0	64.3	49.7
11PM-MID	418	0.0	3000	418	0	0.36	0	70.2	64.4	49.7

**\*----- SITE BREAKDOWN DELAYS -----\***

BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

**\*----- SITE ACCIDENT DELAYS -----\***

BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

**AVERAGE ACCIDENT NUMBERS (PIA/DAY)**

MAIN ROUTE WITHOUT WORKS	0.0176
MAIN ROUTE WITH WORKS	0.0160
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

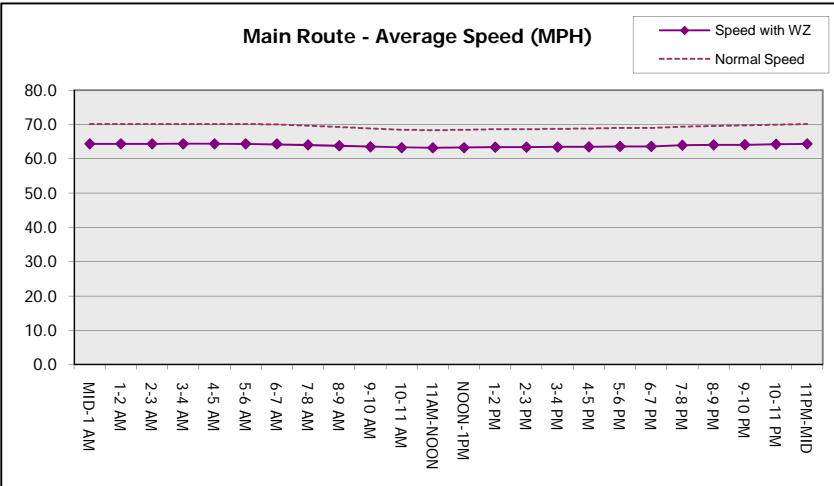
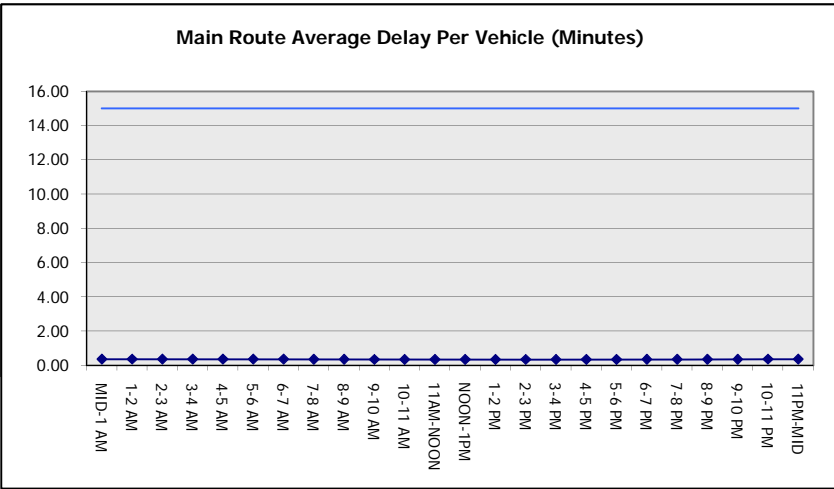
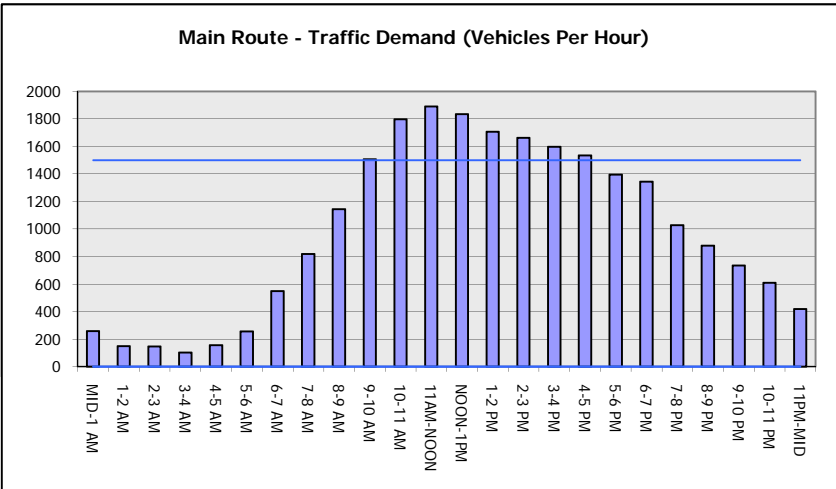
ROAD USER COSTS PER DAY	\$1,978
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY SOUTHBOUND DIRECTION**



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	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH		
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	374	0.0	3000	374	0	0.36	0	70.2	64.4	49.7
1-2 AM	232	0.0	3000	232	0	0.36	0	70.2	64.4	49.7
2-3 AM	203	0.0	3000	203	0	0.36	0	70.2	64.4	49.7
3-4 AM	139	0.0	3000	139	0	0.36	0	70.2	64.4	49.7
4-5 AM	103	0.0	3000	103	0	0.36	0	70.2	64.4	49.7
5-6 AM	163	0.0	3000	163	0	0.36	0	70.2	64.4	49.7
6-7 AM	314	0.0	3000	314	0	0.36	0	70.2	64.4	49.7
7-8 AM	577	0.0	3000	577	0	0.36	0	70.0	64.3	49.7
8-9 AM	815	0.0	3000	815	0	0.35	0	69.7	64.1	49.7
9-10 AM	1111	0.0	3000	1111	0	0.35	0	69.4	63.8	49.7
10-11 AM	1442	0.0	3000	1442	0	0.34	0	68.9	63.6	49.7
11AM-NOON	1706	0.0	3000	1706	0	0.34	0	68.6	63.4	49.7
NOON-1PM	1895	0.0	3000	1895	0	0.34	0	68.4	63.2	49.7
1-2 PM	1861	0.0	3000	1861	0	0.34	0	68.4	63.2	49.7
2-3 PM	1881	0.0	3000	1881	0	0.34	0	68.4	63.2	49.7
3-4 PM	1887	0.0	3000	1887	0	0.34	0	68.4	63.2	49.7
4-5 PM	1842	0.0	3000	1842	0	0.34	0	68.4	63.3	49.7
5-6 PM	1695	0.0	3000	1695	0	0.34	0	68.6	63.4	49.7
6-7 PM	1396	0.0	3000	1396	0	0.34	0	69.0	63.7	49.7
7-8 PM	1191	0.0	3000	1191	0	0.35	0	69.2	63.8	49.7
8-9 PM	1171	0.0	3000	1171	0	0.35	0	69.3	63.8	49.7
9-10 PM	1017	0.0	3000	1017	0	0.35	0	69.5	64.0	49.7
10-11 PM	740	0.0	3000	740	0	0.35	0	69.8	64.1	49.7
11PM-MID	590	0.0	3000	590	0	0.36	0	70.0	64.3	49.7

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0182
MAIN ROUTE WITH WORKS	0.0166
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,047
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**SATURDAY NORTHBOUND DIRECTION**

