

<b>USH 151: IH 39 TO STH 19 (DANE COUNTY)                  NIGHTTIME 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE SEGMENT)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	320	0.0	1500	320	0	0.51	0	70.2	62.2	44.2
1-2 AM	200	0.0	1500	200	0	0.50	0	70.2	62.5	44.7
2-3 AM	162	0.0	1500	162	0	0.49	0	70.2	62.5	44.8
3-4 AM	105	0.0	1500	105	0	0.49	0	70.2	62.6	45.1
4-5 AM	105	0.0	1500	105	0	0.49	0	70.2	62.6	45.1
5-6 AM	147	0.0	1500	147	0	0.49	0	70.2	62.5	44.9
6-7 AM	291	0.0	1500	291	0	0.51	0	70.2	62.3	44.3
7-8 AM	421	0.0	1500	421	0	0.52	0	70.2	62.1	43.8
8-9 AM	663	0.0	1500	663	0	0.55	0	69.9	61.5	42.9
9-10 AM	1047	0.0	OFF	1047	0	0.00	0	69.4	69.4	69.4
10-11 AM	1452	0.0	OFF	1452	0	0.00	0	68.9	68.9	68.9
11AM-NOON	1800	0.0	OFF	1800	0	0.00	0	68.5	68.5	68.5
NOON-1PM	1840	0.0	OFF	1840	0	0.00	0	68.4	68.4	68.4
1-2 PM	1742	0.0	OFF	1742	0	0.00	0	68.6	68.6	68.6
2-3 PM	1758	0.0	OFF	1758	0	0.00	0	68.6	68.6	68.6
3-4 PM	1692	0.0	OFF	1692	0	0.00	0	68.6	68.6	68.6
4-5 PM	1638	0.0	OFF	1638	0	0.00	0	68.7	68.7	68.7
5-6 PM	1443	0.0	OFF	1443	0	0.00	0	68.9	68.9	68.9
6-7 PM	1304	0.0	OFF	1304	0	0.00	0	69.1	69.1	69.1
7-8 PM	1106	0.0	1500	1106	0	0.60	0	69.4	60.4	41.3
8-9 PM	930	0.0	1500	930	0	0.58	0	69.6	60.9	41.9
9-10 PM	760	0.0	1500	760	0	0.56	0	69.8	61.3	42.5
10-11 PM	555	0.0	1500	555	0	0.54	0	70.0	61.8	43.3
11PM-MID	248	0.0	1500	248	0	0.50	0	70.2	62.3	44.5

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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

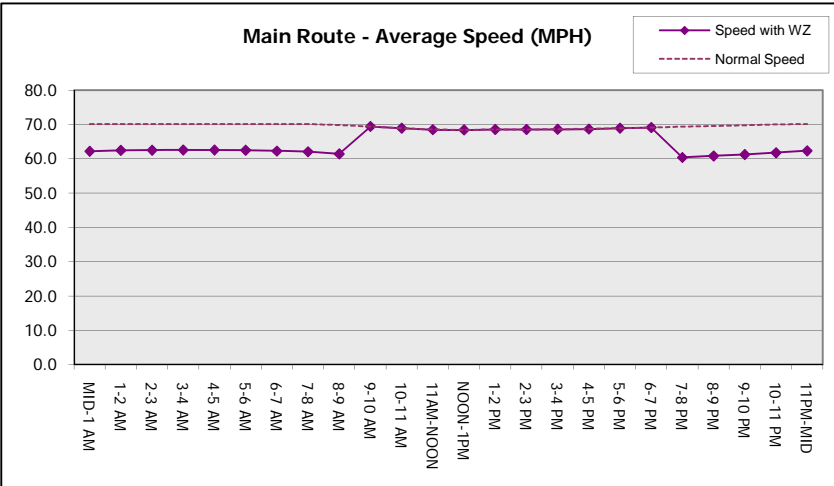
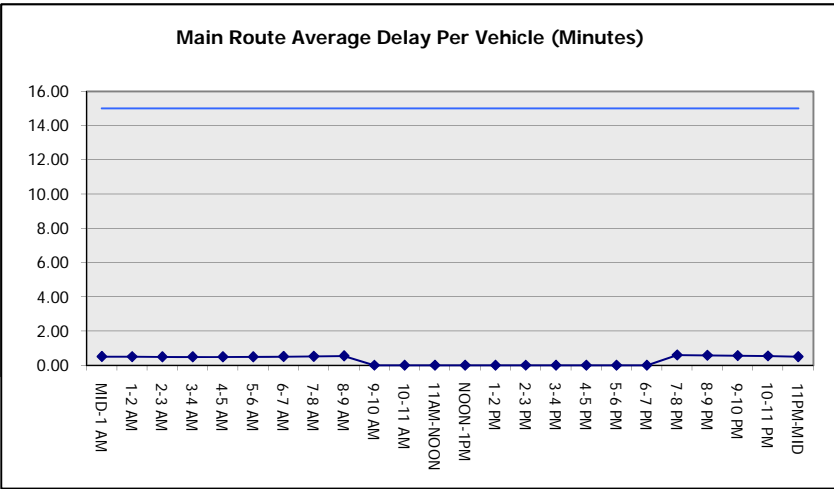
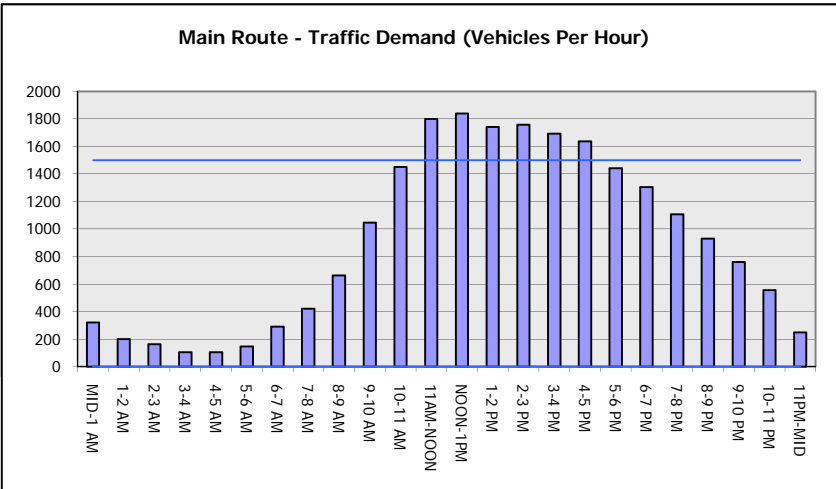
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0162
MAIN ROUTE WITH WORKS	0.0158
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$779
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 151: IH 39 TO STH 19 (DANE COUNTY)  
 NIGHTTIME 2 LANE CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE SEGMENT)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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



<b>USH 151: IH 39 TO STH 19 (DANE COUNTY)                  NIGHTTIME 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE SEGMENT)</b>	<b>AUGUST</b>
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**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	379	0.0	1500	379	0	0.52	0	70.2	62.2	44.0
1-2 AM	239	0.0	1500	239	0	0.50	0	70.2	62.3	44.5
2-3 AM	213	0.0	1500	213	0	0.50	0	70.2	62.4	44.6
3-4 AM	130	0.0	1500	130	0	0.49	0	70.2	62.5	45.0
4-5 AM	81	0.0	1500	81	0	0.48	0	70.2	62.7	45.1
5-6 AM	96	0.0	1500	96	0	0.48	0	70.2	62.6	45.1
6-7 AM	205	0.0	1500	205	0	0.50	0	70.2	62.4	44.6
7-8 AM	347	0.0	1500	347	0	0.51	0	70.2	62.2	44.1
8-9 AM	466	0.0	1500	466	0	0.53	0	70.2	62.0	43.7
9-10 AM	738	0.0	OFF	738	0	0.00	0	69.8	69.8	69.8
10-11 AM	1013	0.0	OFF	1013	0	0.00	0	69.5	69.5	69.5
11AM-NOON	1371	0.0	OFF	1371	0	0.00	0	69.1	69.1	69.1
NOON-1PM	1548	0.0	OFF	1548	0	0.00	0	68.8	68.8	68.8
1-2 PM	1660	0.0	OFF	1660	0	0.00	0	68.7	68.7	68.7
2-3 PM	1755	0.0	OFF	1755	0	0.00	0	68.6	68.6	68.6
3-4 PM	1844	0.0	OFF	1844	0	0.00	0	68.4	68.4	68.4
4-5 PM	1800	0.0	OFF	1800	0	0.00	0	68.5	68.5	68.5
5-6 PM	1652	0.0	OFF	1652	0	0.00	0	68.7	68.7	68.7
6-7 PM	1471	0.0	OFF	1471	0	0.00	0	68.9	68.9	68.9
7-8 PM	1188	0.0	1500	1188	0	0.69	0	69.2	59.2	38.8
8-9 PM	995	0.0	1500	995	0	0.59	0	69.5	60.7	41.7
9-10 PM	733	0.0	1500	733	0	0.56	0	69.8	61.4	42.7
10-11 PM	495	0.0	1500	495	0	0.53	0	70.1	61.9	43.5
11PM-MID	332	0.0	1500	332	0	0.51	0	70.2	62.2	44.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0155
MAIN ROUTE WITH WORKS	0.0151
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$789
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY NORTHBOUND DIRECTION**

