

<b>USH 151: IH 39 TO STH 19 (DANE COUNTY)                  CONTINUOUS (24 HOUR) 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE SEGMENT)</b>	<b>MAY</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	205	0.0	1500	205	0	0.50	0	70.2	62.4	44.6	
1-2 AM	121	0.0	1500	121	0	0.49	0	70.2	62.6	45.0	
2-3 AM	115	0.0	1500	115	0	0.49	0	70.2	62.6	45.0	
3-4 AM	96	0.0	1500	96	0	0.48	0	70.2	62.6	45.1	
4-5 AM	135	0.0	1500	135	0	0.49	0	70.2	62.5	45.0	
5-6 AM	274	0.0	1500	274	0	0.51	0	70.2	62.3	44.4	
6-7 AM	510	0.0	1500	510	0	0.53	0	70.1	61.9	43.5	
7-8 AM	833	0.0	1500	833	0	0.57	0	69.7	61.1	42.3	
8-9 AM	1187	0.0	1499	1187	0	0.70	0	69.2	59.1	38.8	
9-10 AM	1541	0.0	1499	1541	0	1.57	14	68.8	49.8	31.1	
10-11 AM	1783	0.0	1500	1783	0	7.51	185	68.5	24.2	30.8	
11AM-NOON	1963	0.0	1499	1517	446	16.27+	398	68.3	13.8	30.8	
NOON-1PM	1900	0.0	1500	1500	400	16.35+	400	68.4	13.8	30.8	
1-2 PM	1788	0.0	1500	1515	274	16.29+	398	68.5	13.8	30.8	
2-3 PM	1630	0.0	1500	1516	115	16.29+	398	68.7	13.8	30.8	
3-4 PM	1549	0.0	1500	1509	40	16.33+	398	68.8	13.8	30.8	
4-5 PM	1489	0.0	1500	1489	0	16.22+	395	68.9	13.8	30.8	
5-6 PM	1397	0.0	1499	1397	0	13.98	338	69.0	15.6	30.8	
6-7 PM	1337	0.0	1500	1337	0	9.06	214	69.1	21.4	30.9	
7-8 PM	969	0.0	1500	969	0	1.00	15	69.6	55.8	41.5	
8-9 PM	772	0.0	1500	772	0	0.56	0	69.8	61.2	42.5	
9-10 PM	626	0.0	1500	626	0	0.55	0	69.9	61.6	43.0	
10-11 PM	475	0.0	1500	475	0	0.53	0	70.2	62.0	43.6	
11PM-MID	324	0.0	1500	324	0	0.51	0	70.2	62.2	44.2	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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

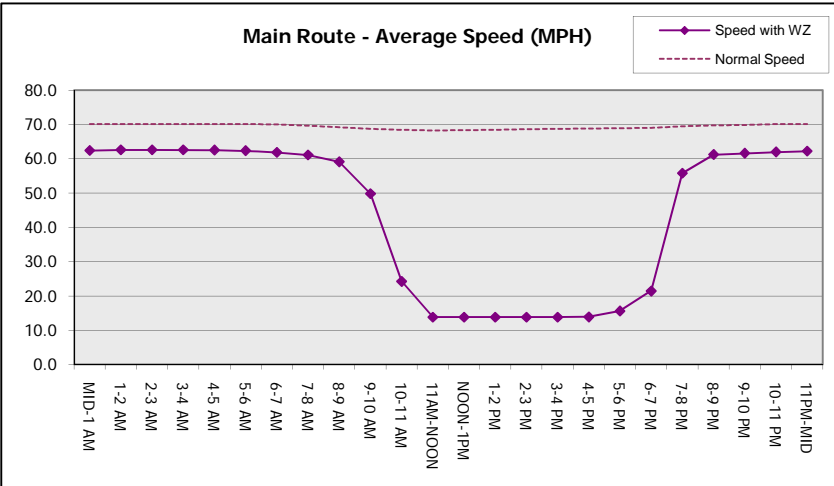
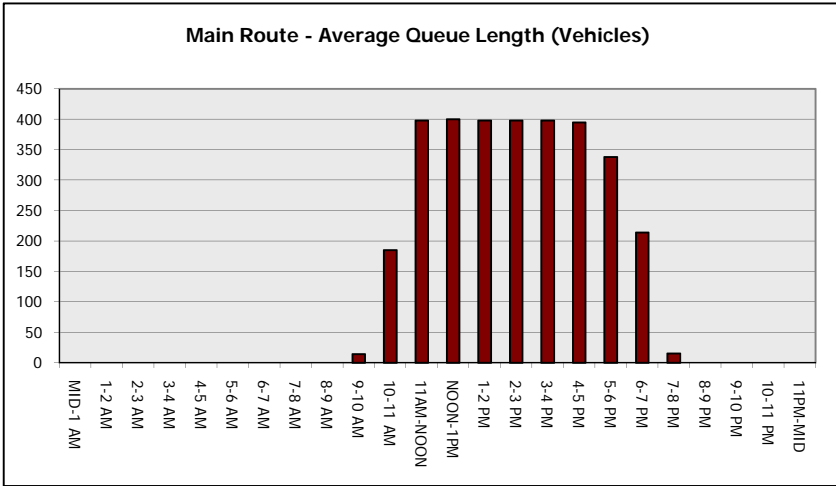
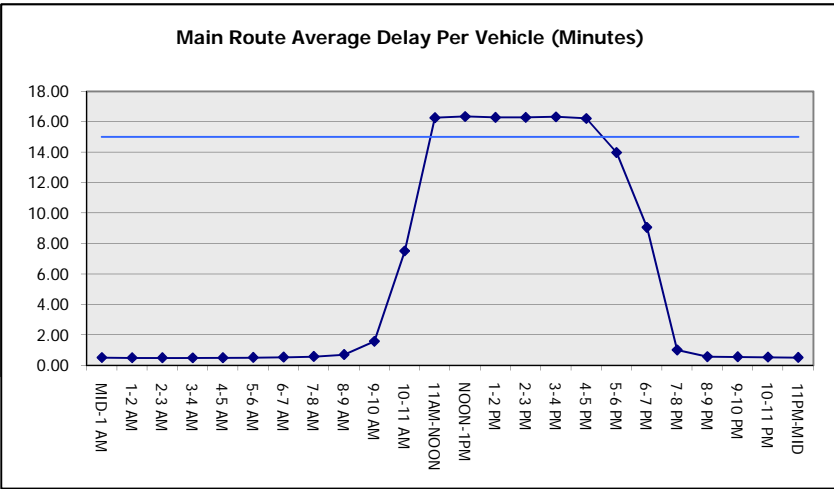
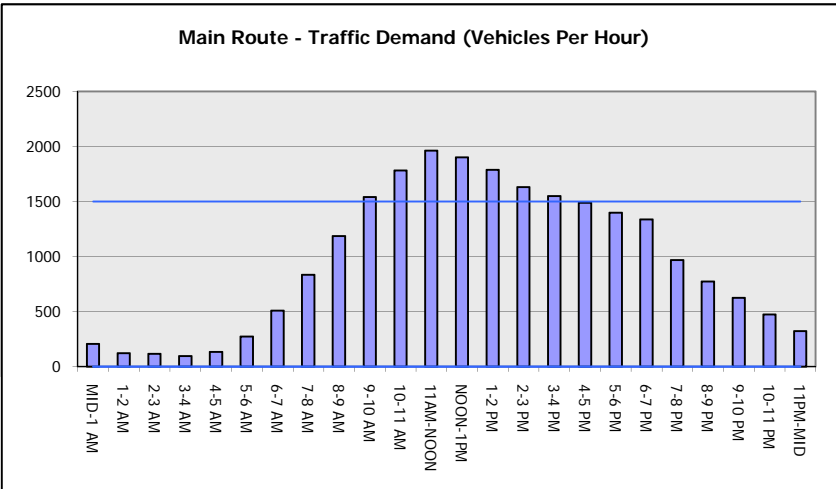
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0172
MAIN ROUTE WITH WORKS	0.0148
'DIVERSION'	0.0022
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$61,269
CONGESTED HOURS PER DAY*	6

\*Delays Exceeding User-Specified Maximum

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



<b>USH 151: IH 39 TO STH 19 (DANE COUNTY)                  CONTINUOUS (24 HOUR) 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE SEGMENT)</b>	<b>MAY</b>
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**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	378	0.0	1500	378	0	0.52	0	70.2	62.2	44.0
1-2 AM	212	0.0	1500	212	0	0.50	0	70.2	62.4	44.6
2-3 AM	197	0.0	1500	197	0	0.50	0	70.2	62.5	44.7
3-4 AM	117	0.0	1500	117	0	0.49	0	70.2	62.6	45.0
4-5 AM	103	0.0	1500	103	0	0.48	0	70.2	62.6	45.1
5-6 AM	133	0.0	1500	133	0	0.49	0	70.2	62.5	45.0
6-7 AM	282	0.0	1500	282	0	0.51	0	70.2	62.3	44.3
7-8 AM	487	0.0	1500	487	0	0.53	0	70.1	61.9	43.5
8-9 AM	728	0.0	1500	728	0	0.56	0	69.8	61.4	42.7
9-10 AM	1044	0.0	1500	1044	0	0.59	0	69.4	60.6	41.5
10-11 AM	1377	0.0	1499	1377	0	0.94	0	69.0	56.1	33.6
11AM-NOON	1556	0.0	1499	1556	0	1.73	17	68.8	48.4	30.8
NOON-1PM	1697	0.0	1500	1697	0	6.40	148	68.6	26.8	30.8
1-2 PM	1752	0.0	1500	1615	137	14.46+	355	68.6	15.2	30.8
2-3 PM	1875	0.0	1500	1500	375	16.35+	400	68.4	13.8	30.8
3-4 PM	1853	0.0	1500	1500	353	16.35+	400	68.4	13.8	30.8
4-5 PM	1797	0.0	1500	1500	297	16.35+	400	68.5	13.8	30.8
5-6 PM	1611	0.0	1500	1524	87	16.25+	397	68.7	13.8	30.8
6-7 PM	1381	0.0	1500	1381	0	14.22+	345	69.0	15.4	30.8
7-8 PM	1189	0.0	1499	1189	0	4.49	125	69.2	32.9	34.4
8-9 PM	1185	0.0	1500	1185	0	0.69	0	69.2	59.2	38.9
9-10 PM	1027	0.0	1500	1027	0	0.59	0	69.4	60.6	41.6
10-11 PM	722	0.0	1500	722	0	0.56	0	69.9	61.4	42.7
11PM-MID	622	0.0	1500	622	0	0.55	0	70.0	61.6	43.0

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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	0.0174
MAIN ROUTE WITH WORKS	0.0150
'DIVERSION'	0.0022

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$51,805
CONGESTED HOURS PER DAY*	6

\*Delays Exceeding User-Specified Maximum

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