

<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**

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	182	0.0	1500	182	0	0.49	0	70.2	62.5	44.8	
1-2 AM	118	0.0	1500	118	0	0.49	0	70.2	62.6	45.0	
2-3 AM	121	0.0	1500	121	0	0.49	0	70.2	62.6	45.0	
3-4 AM	80	0.0	1500	80	0	0.48	0	70.2	62.7	45.1	
4-5 AM	101	0.0	1500	101	0	0.48	0	70.2	62.6	45.1	
5-6 AM	142	0.0	1500	142	0	0.49	0	70.2	62.5	44.9	
6-7 AM	267	0.0	1500	267	0	0.51	0	70.2	62.3	44.4	
7-8 AM	389	0.0	1500	389	0	0.52	0	70.2	62.1	43.9	
8-9 AM	682	0.0	1500	682	0	0.55	0	69.9	61.5	42.8	
9-10 AM	987	0.0	1500	987	0	0.59	0	69.5	60.7	41.7	
10-11 AM	1294	0.0	1499	1294	0	0.83	0	69.1	57.4	35.8	
11AM-NOON	1668	0.0	1499	1668	0	3.40	69	68.7	37.6	30.8	
NOON-1PM	1766	0.0	1500	1766	0	12.14+	301	68.6	17.3	30.8	
1-2 PM	1649	0.0	1499	1468	181	16.23+	396	68.7	13.8	30.8	
2-3 PM	1596	0.0	1500	1500	96	16.37+	400	68.7	13.8	30.8	
3-4 PM	1524	0.0	1500	1498	26	16.37+	399	68.9	13.8	30.8	
4-5 PM	1473	0.0	1499	1471	1	16.10+	392	68.9	14.0	30.8	
5-6 PM	1287	0.0	1499	1287	0	11.28	275	69.1	18.3	30.9	
6-7 PM	1130	0.0	1499	1130	0	1.78	40	69.3	48.2	38.2	
7-8 PM	816	0.0	1500	816	0	0.57	0	69.7	61.2	42.4	
8-9 PM	715	0.0	1500	715	0	0.56	0	69.9	61.4	42.7	
9-10 PM	556	0.0	1500	556	0	0.54	0	70.0	61.8	43.3	
10-11 PM	388	0.0	1500	388	0	0.52	0	70.2	62.1	44.0	
11PM-MID	188	0.0	1500	188	0	0.50	0	70.2	62.5	44.7	

+ 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

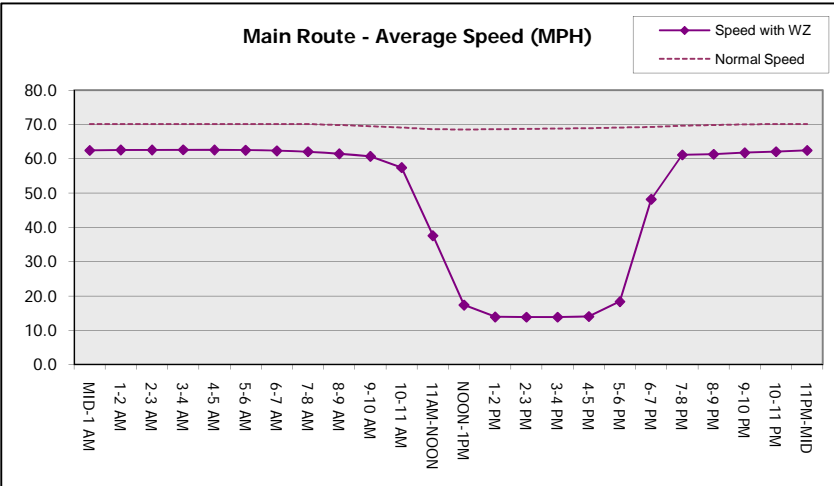
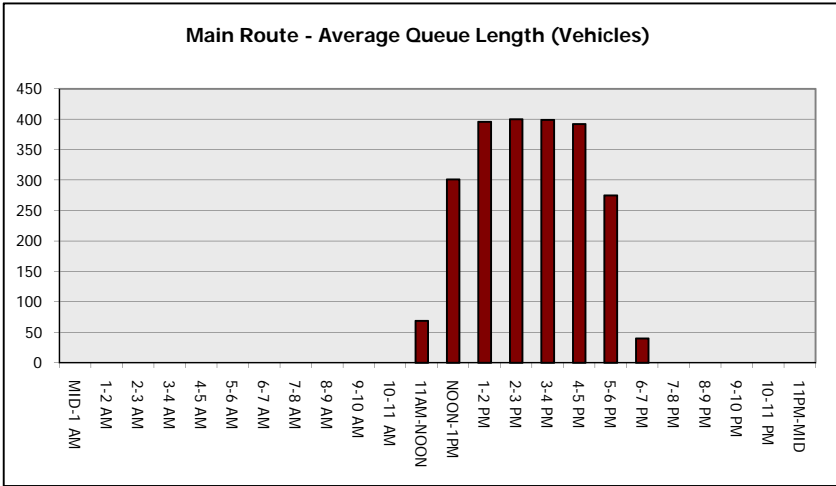
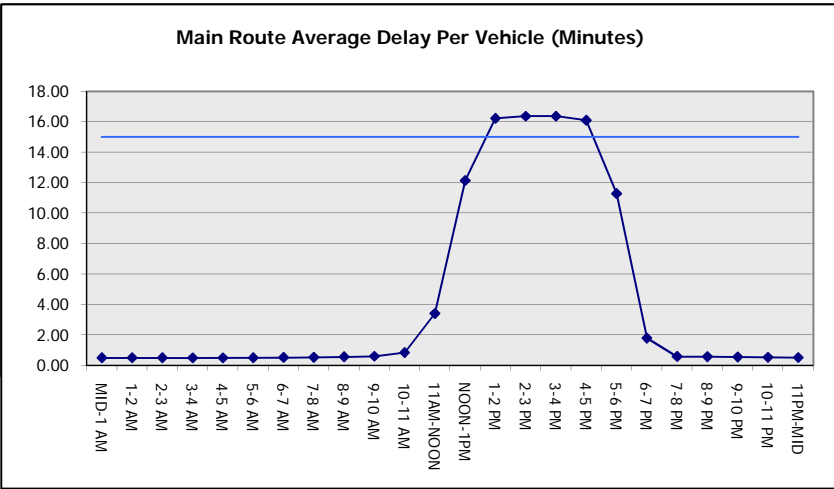
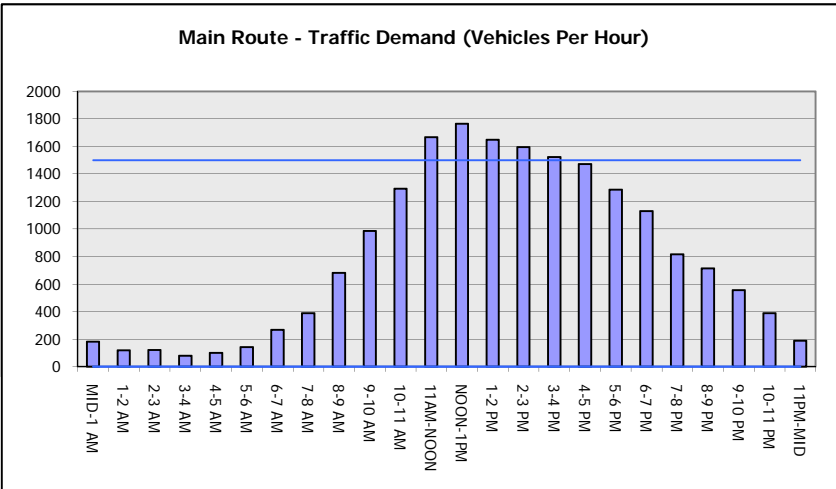
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0143
MAIN ROUTE WITH WORKS	0.0128
'DIVERSION'	0.0005
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$42,154
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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)                  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**

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	359	0.0	1500	359	0	0.52	0	70.2	62.2	44.0
1-2 AM	224	0.0	1500	224	0	0.50	0	70.2	62.4	44.6
2-3 AM	187	0.0	1500	187	0	0.50	0	70.2	62.5	44.7
3-4 AM	115	0.0	1500	115	0	0.49	0	70.2	62.6	45.0
4-5 AM	80	0.0	1500	80	0	0.48	0	70.2	62.7	45.1
5-6 AM	71	0.0	1500	71	0	0.48	0	70.2	62.7	45.2
6-7 AM	158	0.0	1500	158	0	0.49	0	70.2	62.5	44.8
7-8 AM	268	0.0	1500	268	0	0.51	0	70.2	62.3	44.4
8-9 AM	411	0.0	1500	411	0	0.52	0	70.2	62.1	43.8
9-10 AM	694	0.0	1500	694	0	0.55	0	69.9	61.4	42.8
10-11 AM	996	0.0	1500	996	0	0.59	0	69.5	60.7	41.7
11AM-NOON	1269	0.0	1499	1269	0	0.80	0	69.2	57.9	36.5
NOON-1PM	1534	0.0	1499	1534	0	1.42	9	68.8	51.1	30.9
1-2 PM	1586	0.0	1499	1586	0	3.88	75	68.7	35.3	30.8
2-3 PM	1683	0.0	1500	1683	0	8.82	209	68.6	21.8	30.8
3-4 PM	1746	0.0	1500	1616	130	15.62+	382	68.6	14.3	30.8
4-5 PM	1792	0.0	1500	1500	292	16.36+	400	68.5	13.8	30.8
5-6 PM	1586	0.0	1499	1478	108	16.28+	397	68.7	13.8	30.8
6-7 PM	1380	0.0	1499	1380	0	14.66+	357	69.0	15.0	30.8
7-8 PM	1033	0.0	1499	1033	0	2.92	96	69.4	40.4	38.2
8-9 PM	834	0.0	1500	834	0	0.57	0	69.7	61.1	42.3
9-10 PM	603	0.0	1500	603	0	0.54	0	70.0	61.7	43.1
10-11 PM	414	0.0	1500	414	0	0.52	0	70.2	62.1	43.8
11PM-MID	355	0.0	1500	355	0	0.52	0	70.2	62.2	44.1

+ 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	0.0145
MAIN ROUTE WITH WORKS	0.0128
'DIVERSION'	0.0009

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$37,521
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding User-Specified Maximum

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