

<b>USH 12/14: OLD SAUK RD TO GAMMON RD (DANE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                  WESTBOUND 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	241	0.0	1500	241	0	0.36	0	60.2	51.8	44.5
1-2 AM	138	0.0	1500	138	0	0.35	0	60.2	52.0	45.0
2-3 AM	80	0.0	1500	80	0	0.34	0	60.2	52.2	45.1
3-4 AM	65	0.0	1500	65	0	0.34	0	60.2	52.2	45.2
4-5 AM	66	0.0	1500	66	0	0.34	0	60.2	52.2	45.2
5-6 AM	163	0.0	OFF	163	0	0.00	0	60.2	60.2	60.2
6-7 AM	478	0.0	OFF	478	0	0.00	0	60.2	60.2	60.2
7-8 AM	1516	0.0	OFF	1516	0	0.00	0	60.2	60.2	60.2
8-9 AM	2410	0.0	OFF	2410	0	0.00	0	60.2	60.2	60.2
9-10 AM	1966	0.0	OFF	1966	0	0.00	0	60.2	60.2	60.2
10-11 AM	1503	0.0	OFF	1503	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1487	0.0	OFF	1487	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1671	0.0	OFF	1671	0	0.00	0	60.2	60.2	60.2
1-2 PM	1852	0.0	OFF	1852	0	0.00	0	60.2	60.2	60.2
2-3 PM	1790	0.0	OFF	1790	0	0.00	0	60.2	60.2	60.2
3-4 PM	1829	0.0	OFF	1829	0	0.00	0	60.2	60.2	60.2
4-5 PM	2022	0.0	OFF	2022	0	0.00	0	60.2	60.2	60.2
5-6 PM	2422	0.0	OFF	2422	0	0.00	0	60.2	60.2	60.2
6-7 PM	2397	0.0	OFF	2397	0	0.00	0	60.2	60.2	60.2
7-8 PM	1715	0.0	1499	1715	0	5.81	143	60.2	16.6	30.8
8-9 PM	1246	0.0	1499	1246	0	3.69	112	60.2	22.5	34.0
9-10 PM	1015	0.0	1500	1015	0	0.45	0	60.2	49.9	41.6
10-11 PM	738	0.0	1500	738	0	0.42	0	60.2	50.5	42.6
11PM-MID	472	0.0	1500	472	0	0.39	0	60.2	51.2	43.6

"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

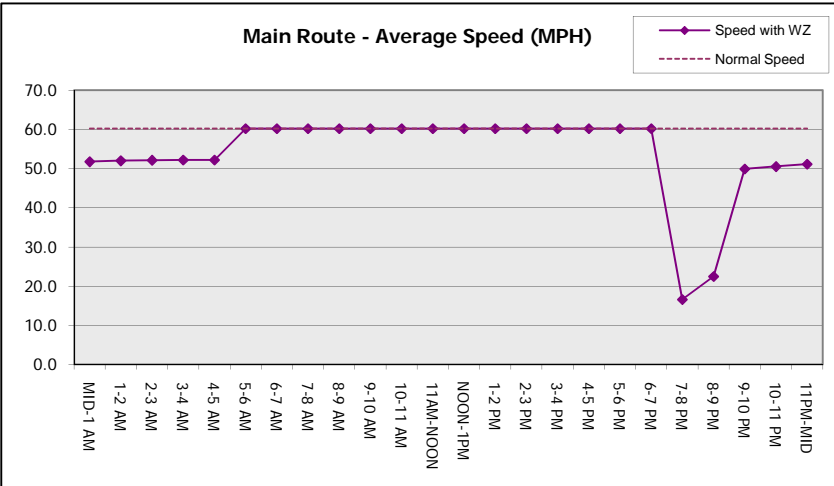
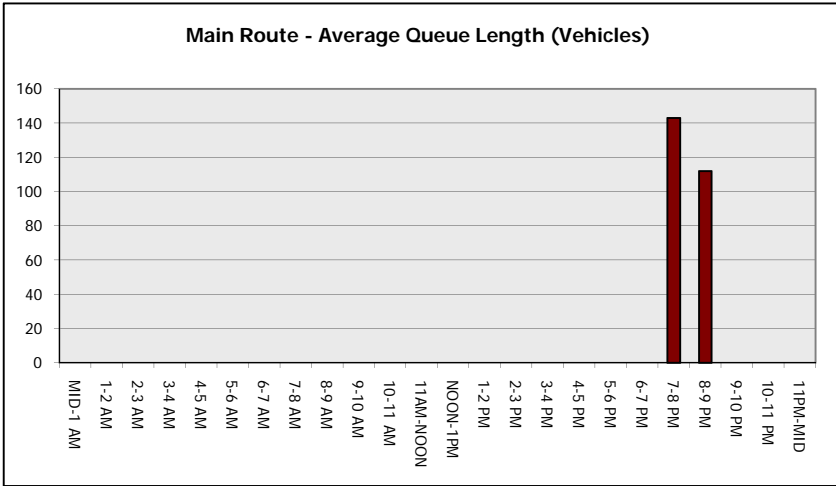
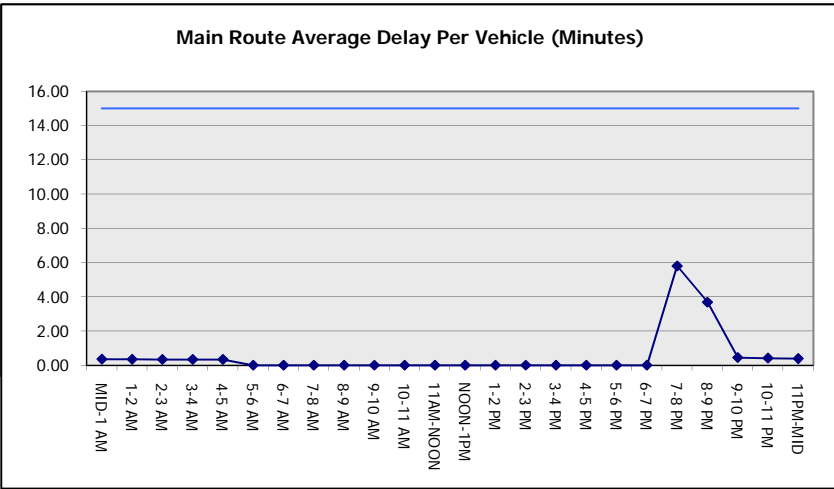
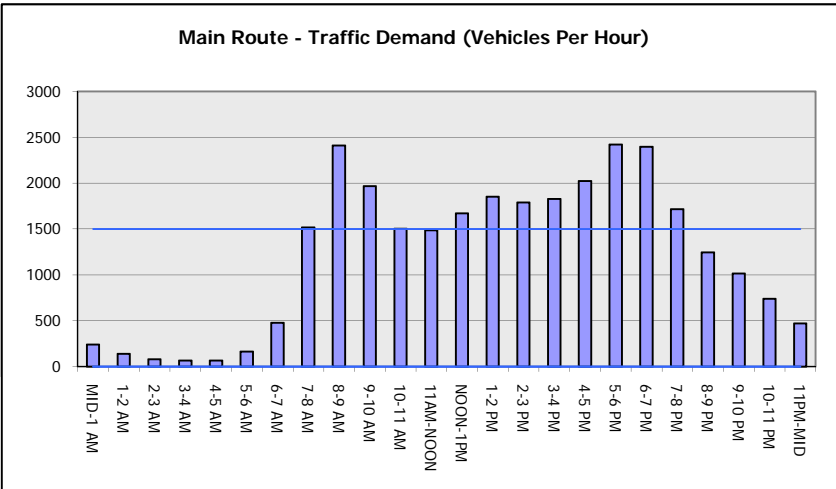
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0103
MAIN ROUTE WITH WORKS	0.0099
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,986
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR WESTBOUND DIRECTION**



<b>USH 12/14: OLD SAUK RD TO GAMMON RD (DANE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      EASTBOUND 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	340	0.0	1500	340	0	0.37	0	60.2	51.5	44.2
1-2 AM	175	0.0	1500	175	0	0.35	0	60.2	51.9	44.8
2-3 AM	97	0.0	1500	97	0	0.34	0	60.2	52.1	45.1
3-4 AM	78	0.0	1500	78	0	0.34	0	60.2	52.2	45.2
4-5 AM	78	0.0	1500	78	0	0.34	0	60.2	52.2	45.2
5-6 AM	140	0.0	OFF	140	0	0.00	0	60.2	60.2	60.2
6-7 AM	503	0.0	OFF	503	0	0.00	0	60.2	60.2	60.2
7-8 AM	1367	0.0	OFF	1367	0	0.00	0	60.2	60.2	60.2
8-9 AM	2235	0.0	OFF	2235	0	0.00	0	60.2	60.2	60.2
9-10 AM	1821	0.0	OFF	1821	0	0.00	0	60.2	60.2	60.2
10-11 AM	1419	0.0	OFF	1419	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1448	0.0	OFF	1448	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1748	0.0	OFF	1748	0	0.00	0	60.2	60.2	60.2
1-2 PM	1849	0.0	OFF	1849	0	0.00	0	60.2	60.2	60.2
2-3 PM	1818	0.0	OFF	1818	0	0.00	0	60.2	60.2	60.2
3-4 PM	1961	0.0	OFF	1961	0	0.00	0	60.2	60.2	60.2
4-5 PM	2266	0.0	OFF	2266	0	0.00	0	60.2	60.2	60.2
5-6 PM	2566	0.0	OFF	2566	0	0.00	0	60.2	60.2	60.2
6-7 PM	2352	0.0	OFF	2352	0	0.00	0	60.2	60.2	60.2
7-8 PM	1656	0.0	1499	1656	0	4.81	111	60.2	18.8	30.8
8-9 PM	1281	0.0	1499	1281	0	2.53	69	60.2	27.9	33.9
9-10 PM	1138	0.0	1500	1138	0	0.49	0	60.2	49.2	40.6
10-11 PM	885	0.0	1500	885	0	0.44	0	60.2	50.2	42.1
11PM-MID	560	0.0	1500	560	0	0.40	0	60.2	51.0	43.3

"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	0.0104
MAIN ROUTE WITH WORKS	0.0100
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,208
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

