

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

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	321	0.0	1500	321	0	0.37	0	60.2	51.5	44.2
1-2 AM	171	0.0	1500	171	0	0.35	0	60.2	51.9	44.8
2-3 AM	105	0.0	1500	105	0	0.34	0	60.2	52.1	45.1
3-4 AM	92	0.0	1500	92	0	0.34	0	60.2	52.2	45.1
4-5 AM	76	0.0	1500	76	0	0.34	0	60.2	52.2	45.2
5-6 AM	171	0.0	OFF	171	0	0.00	0	60.2	60.2	60.2
6-7 AM	487	0.0	OFF	487	0	0.00	0	60.2	60.2	60.2
7-8 AM	1583	0.0	OFF	1583	0	0.00	0	60.2	60.2	60.2
8-9 AM	2664	0.0	OFF	2664	0	0.00	0	59.2	59.2	59.2
9-10 AM	2131	0.0	OFF	2131	0	0.00	0	60.2	60.2	60.2
10-11 AM	1731	0.0	OFF	1731	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1709	0.0	OFF	1709	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1902	0.0	OFF	1902	0	0.00	0	60.2	60.2	60.2
1-2 PM	2198	0.0	OFF	2198	0	0.00	0	60.2	60.2	60.2
2-3 PM	2034	0.0	OFF	2034	0	0.00	0	60.2	60.2	60.2
3-4 PM	2157	0.0	OFF	2157	0	0.00	0	60.2	60.2	60.2
4-5 PM	2348	0.0	OFF	2348	0	0.00	0	60.2	60.2	60.2
5-6 PM	2610	0.0	OFF	2610	0	0.00	0	59.7	59.7	59.7
6-7 PM	2390	0.0	OFF	2390	0	0.00	0	60.2	60.2	60.2
7-8 PM	1872	0.0	1499	1872	0	7.99	214	60.2	13.8	30.8
8-9 PM	1460	0.0	1499	1460	0	14.76+	373	60.2	9.5	30.8
9-10 PM	1158	0.0	1499	1158	0	5.81	178	60.2	17.1	34.0
10-11 PM	897	0.0	1500	897	0	0.44	0	60.2	50.2	42.0
11PM-MID	658	0.0	1500	658	0	0.41	0	60.2	50.7	42.9

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

+ 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	0.0115
MAIN ROUTE WITH WORKS	0.0111
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$11,172
CONGESTED HOURS PER DAY*	1

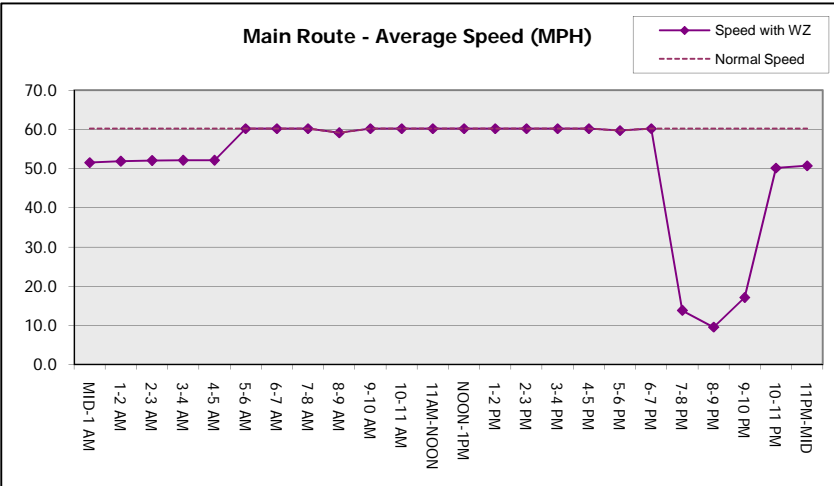
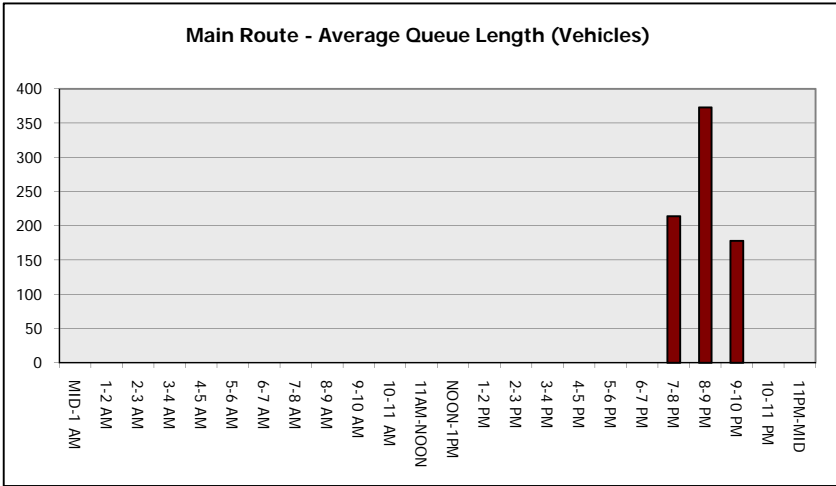
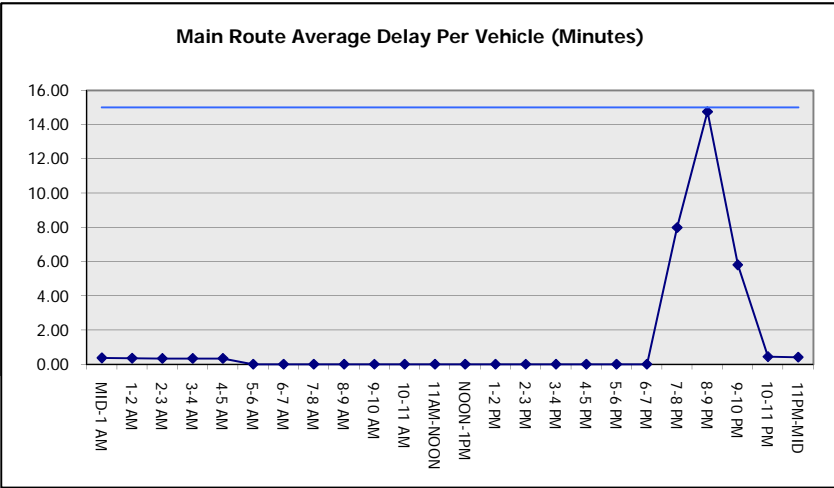
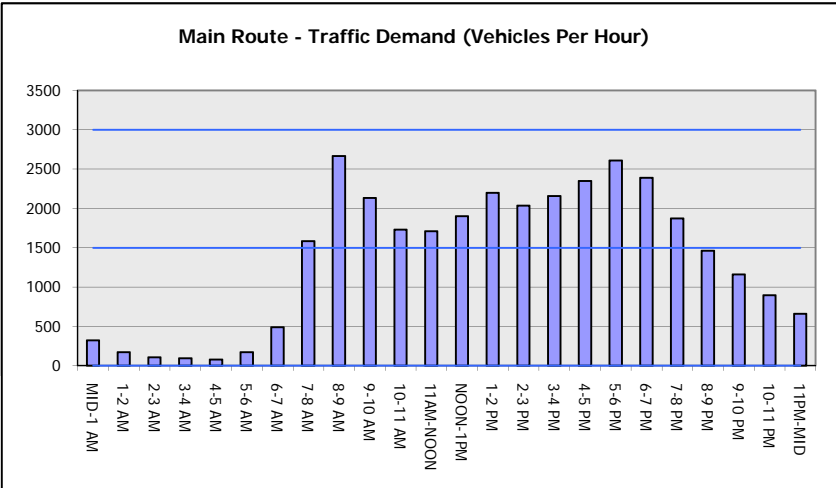
*Delays Exceeding User-Specified Maximum

**USH 12/14: OLD SAUK RD TO GAMMON RD (DANE COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



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

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	448	0.0	1500	448	0	0.38	0	60.2	51.2	43.7
1-2 AM	231	0.0	1500	231	0	0.36	0	60.2	51.8	44.6
2-3 AM	135	0.0	1500	135	0	0.35	0	60.2	52.0	45.0
3-4 AM	128	0.0	1500	128	0	0.34	0	60.2	52.0	45.0
4-5 AM	98	0.0	1500	98	0	0.34	0	60.2	52.1	45.1
5-6 AM	154	0.0	OFF	154	0	0.00	0	60.2	60.2	60.2
6-7 AM	492	0.0	OFF	492	0	0.00	0	60.2	60.2	60.2
7-8 AM	1364	0.0	OFF	1364	0	0.00	0	60.2	60.2	60.2
8-9 AM	2238	0.0	OFF	2238	0	0.00	0	60.2	60.2	60.2
9-10 AM	1910	0.0	OFF	1910	0	0.00	0	60.2	60.2	60.2
10-11 AM	1551	0.0	OFF	1551	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1612	0.0	OFF	1612	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1944	0.0	OFF	1944	0	0.00	0	60.2	60.2	60.2
1-2 PM	2097	0.0	OFF	2097	0	0.00	0	60.2	60.2	60.2
2-3 PM	2072	0.0	OFF	2072	0	0.00	0	60.2	60.2	60.2
3-4 PM	2139	0.0	OFF	2139	0	0.00	0	60.2	60.2	60.2
4-5 PM	2356	0.0	OFF	2356	0	0.00	0	60.2	60.2	60.2
5-6 PM	2378	0.0	OFF	2378	0	0.00	0	60.2	60.2	60.2
6-7 PM	2079	0.0	OFF	2079	0	0.00	0	60.2	60.2	60.2
7-8 PM	1673	0.0	1499	1673	0	4.61	108	60.2	19.4	30.8
8-9 PM	1376	0.0	1499	1376	0	5.30	124	60.2	17.6	31.3
9-10 PM	1259	0.0	1500	1259	0	0.83	6	60.2	43.7	36.4
10-11 PM	1054	0.0	1500	1054	0	0.46	0	60.2	49.8	41.5
11PM-MID	763	0.0	1500	763	0	0.42	0	60.2	50.5	42.5

"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	0.0110
MAIN ROUTE WITH WORKS	0.0106
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,359
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 12/14: OLD SAUK RD TO GAMMON RD (DANE COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

