

USH 12/14: USH 14 TO OLD SAUK 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	133	0.0	1500	133	0	0.34	0	60.2	49.5	45.0	
1-2 AM	85	0.0	1500	85	0	0.34	0	60.2	49.7	45.1	
2-3 AM	77	0.0	1500	77	0	0.34	0	60.2	49.7	45.2	
3-4 AM	67	0.0	1500	67	0	0.34	0	60.2	49.7	45.2	
4-5 AM	161	0.0	1500	161	0	0.35	0	60.2	49.4	44.8	
5-6 AM	397	0.0	OFF	397	0	0.00	0	60.2	60.2	60.2	
6-7 AM	1104	0.0	OFF	1104	0	0.00	0	60.2	60.2	60.2	
7-8 AM	1892	0.0	OFF	1892	0	0.00	0	60.2	60.2	60.2	
8-9 AM	1434	0.0	OFF	1434	0	0.00	0	60.2	60.2	60.2	
9-10 AM	1258	0.0	OFF	1258	0	0.00	0	60.2	60.2	60.2	
10-11 AM	1388	0.0	OFF	1388	0	0.00	0	60.2	60.2	60.2	
11AM-NOON	1673	0.0	OFF	1673	0	0.00	0	60.2	60.2	60.2	
NOON-1PM	1936	0.0	OFF	1936	0	0.00	0	60.2	60.2	60.2	
1-2 PM	1887	0.0	OFF	1887	0	0.00	0	60.2	60.2	60.2	
2-3 PM	2132	0.0	OFF	2132	0	0.00	0	60.2	60.2	60.2	
3-4 PM	2524	0.0	OFF	2524	0	0.00	0	60.2	60.2	60.2	
4-5 PM	2917	0.0	OFF	2917	0	0.00	0	56.6	56.6	56.6	
5-6 PM	2736	0.0	OFF	2736	0	0.00	0	58.5	58.5	58.5	
6-7 PM	1925	0.0	OFF	1925	0	0.00	0	60.2	60.2	60.2	
7-8 PM	1449	0.0	1499	1449	0	1.09	6	60.2	35.7	32.3	
8-9 PM	1198	0.0	1500	1198	0	0.57	0	60.2	44.3	38.5	
9-10 PM	981	0.0	1500	981	0	0.45	0	60.2	46.9	41.7	
10-11 PM	641	0.0	1500	641	0	0.41	0	60.2	47.9	43.0	
11PM-MID	418	0.0	1500	418	0	0.38	0	60.2	48.6	43.8	

"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	0.0077
MAIN ROUTE WITH WORKS	0.0074
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$745
CONGESTED HOURS PER DAY*	0

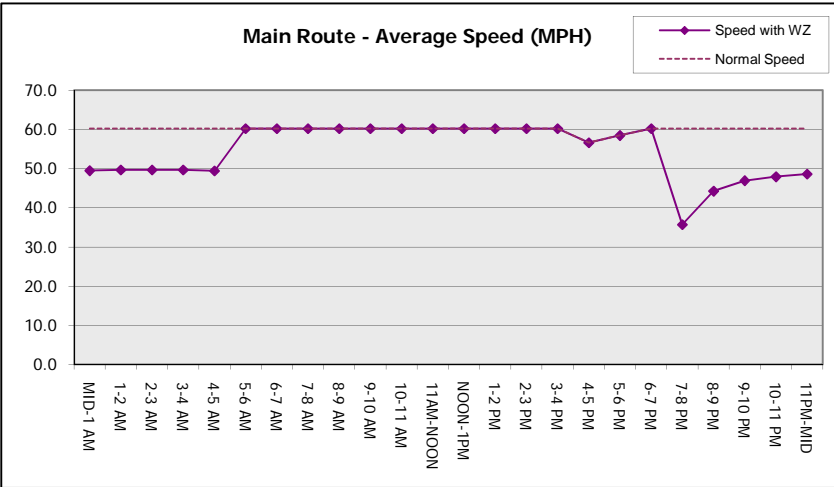
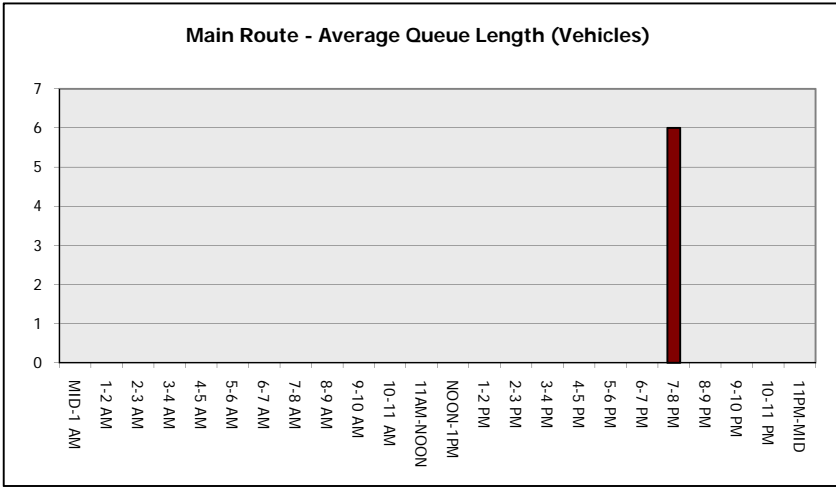
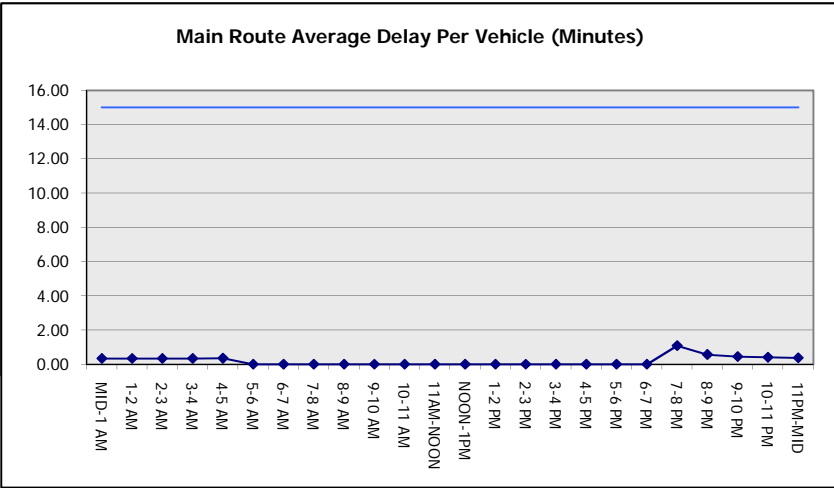
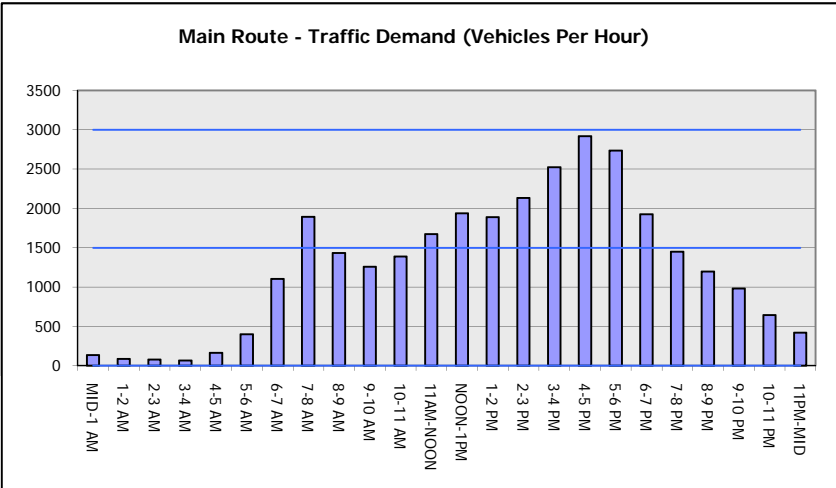
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



USH 12/14: USH 14 TO OLD SAUK RD (DANE COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	171	0.0	1500	171	0	0.35	0	60.2	49.4	44.8
1-2 AM	116	0.0	1500	116	0	0.34	0	60.2	49.6	45.0
2-3 AM	79	0.0	1500	79	0	0.34	0	60.2	49.7	45.1
3-4 AM	79	0.0	1500	79	0	0.34	0	60.2	49.7	45.1
4-5 AM	155	0.0	1500	155	0	0.35	0	60.2	49.4	44.8
5-6 AM	501	0.0	OFF	501	0	0.00	0	60.2	60.2	60.2
6-7 AM	1618	0.0	OFF	1618	0	0.00	0	60.2	60.2	60.2
7-8 AM	2715	0.0	OFF	2715	0	0.00	0	58.7	58.7	58.7
8-9 AM	2240	0.0	OFF	2240	0	0.00	0	60.2	60.2	60.2
9-10 AM	1572	0.0	OFF	1572	0	0.00	0	60.2	60.2	60.2
10-11 AM	1497	0.0	OFF	1497	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1636	0.0	OFF	1636	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1763	0.0	OFF	1763	0	0.00	0	60.2	60.2	60.2
1-2 PM	1673	0.0	OFF	1673	0	0.00	0	60.2	60.2	60.2
2-3 PM	1743	0.0	OFF	1743	0	0.00	0	60.2	60.2	60.2
3-4 PM	2004	0.0	OFF	2004	0	0.00	0	60.2	60.2	60.2
4-5 PM	1906	0.0	OFF	1906	0	0.00	0	60.2	60.2	60.2
5-6 PM	1860	0.0	OFF	1860	0	0.00	0	60.2	60.2	60.2
6-7 PM	1545	0.0	OFF	1545	0	0.00	0	60.2	60.2	60.2
7-8 PM	1225	0.0	1500	1225	0	0.61	0	60.2	43.6	37.7
8-9 PM	987	0.0	1500	987	0	0.45	0	60.2	46.9	41.7
9-10 PM	839	0.0	1500	839	0	0.43	0	60.2	47.4	42.2
10-11 PM	583	0.0	1500	583	0	0.40	0	60.2	48.1	43.2
11PM-MID	443	0.0	1500	443	0	0.38	0	60.2	48.6	43.7

"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	0.0074
MAIN ROUTE WITH WORKS	0.0070
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$487
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

