

USH 12/14: OLD SAUK RD TO GAMMON RD (DANE) CONTINUOUS (24 HOUR) 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	1500	171	0	0.35	0	60.2	51.9	44.8	
6-7 AM	487	0.0	1500	487	0	0.39	0	60.2	51.2	43.5	
7-8 AM	1583	0.0	1499	1583	0	1.82	44	60.2	32.9	33.0	
8-9 AM	2664	0.0	1500	1829	835	15.79+	409	59.2	9.3	30.9	
9-10 AM	2131	0.0	1499	1462	669	16.63+	424	60.2	9.0	30.8	
10-11 AM	1731	0.0	1499	1465	265	16.53+	421	60.2	9.0	30.8	
11AM-NOON	1709	0.0	1499	1499	210	16.63+	424	60.2	8.9	30.8	
NOON-1PM	1902	0.0	1499	1499	404	16.65+	424	60.2	8.9	30.8	
1-2 PM	2198	0.0	1499	1499	699	16.68+	425	60.2	8.9	30.8	
2-3 PM	2034	0.0	1500	1499	535	16.66+	425	60.2	8.9	30.8	
3-4 PM	2157	0.0	1499	1499	657	16.67+	425	60.2	8.9	30.8	
4-5 PM	2348	0.0	1499	1500	849	16.69+	425	60.2	8.9	30.8	
5-6 PM	2610	0.0	1499	1499	1110	16.69+	426	59.7	8.9	30.8	
6-7 PM	2390	0.0	1500	1500	891	16.69+	426	60.2	8.9	30.8	
7-8 PM	1872	0.0	1500	1500	372	16.65+	424	60.2	8.9	30.8	
8-9 PM	1460	0.0	1500	1435	25	16.06+	409	60.2	9.1	30.8	
9-10 PM	1158	0.0	1499	1158	0	7.32	208	60.2	14.7	33.5	
10-11 PM	897	0.0	1500	897	0	0.45	0	60.2	49.9	42.0	
11PM-MID	658	0.0	1500	658	0	0.41	0	60.2	50.7	42.9	

+ 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

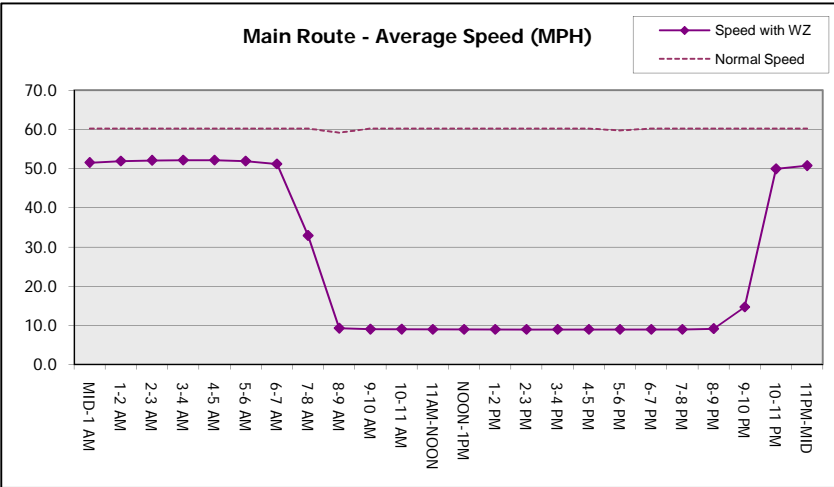
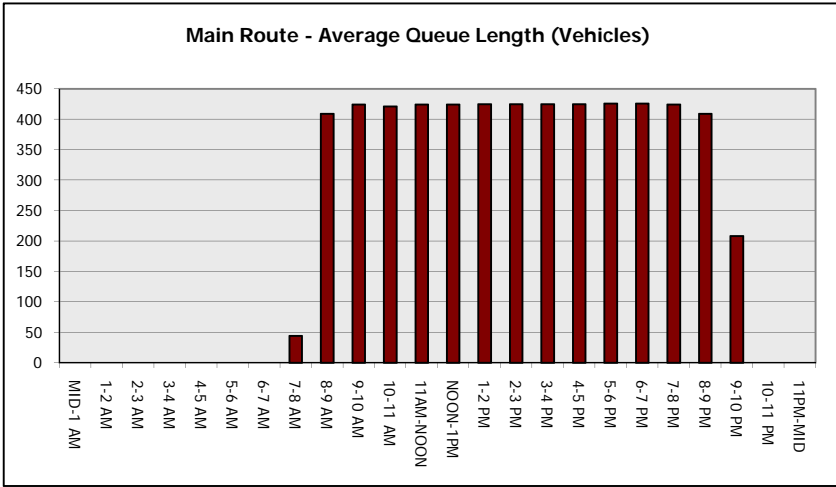
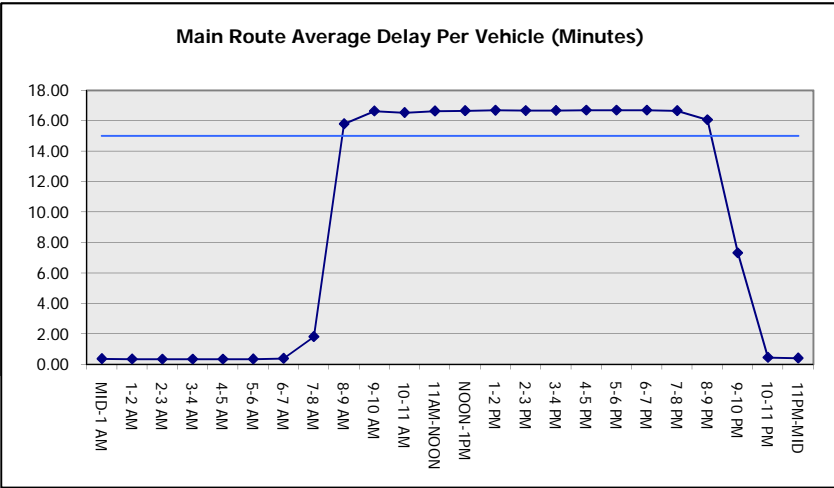
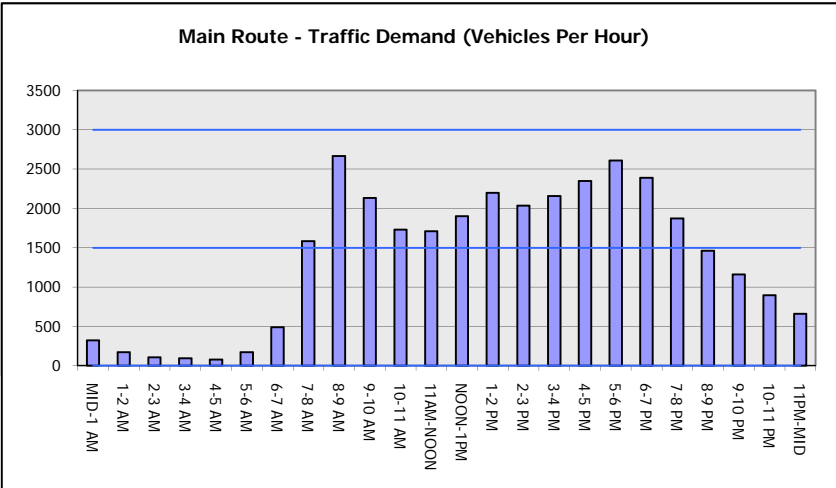
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0115
MAIN ROUTE WITH WORKS	0.0072
'DIVERSION'	0.0061
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$105,990
CONGESTED HOURS PER DAY*	13

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



USH 12/14: OLD SAUK RD TO GAMMON RD (DANE) CONTINUOUS (24 HOUR) 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	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	1500	154	0	0.35	0	60.2	52.0	44.8
6-7 AM	492	0.0	1500	492	0	0.39	0	60.2	51.2	43.5
7-8 AM	1364	0.0	1499	1364	0	1.00	10	60.2	41.3	35.5
8-9 AM	2238	0.0	1500	1841	397	11.69+	317	60.2	10.9	30.8
9-10 AM	1910	0.0	1500	1506	403	16.65+	424	60.2	8.9	30.8
10-11 AM	1551	0.0	1500	1530	22	16.31+	415	60.2	9.1	30.8
11AM-NOON	1612	0.0	1499	1501	111	16.62+	424	60.2	9.0	30.8
NOON-1PM	1944	0.0	1499	1501	443	16.65+	424	60.2	8.9	30.8
1-2 PM	2097	0.0	1500	1501	596	16.67+	425	60.2	8.9	30.8
2-3 PM	2072	0.0	1500	1501	572	16.67+	425	60.2	8.9	30.8
3-4 PM	2139	0.0	1500	1501	639	16.67+	425	60.2	8.9	30.8
4-5 PM	2356	0.0	1499	1501	856	16.69+	425	60.2	8.9	30.8
5-6 PM	2378	0.0	1500	1501	878	16.69+	425	60.2	8.9	30.8
6-7 PM	2079	0.0	1500	1500	578	16.67+	425	60.2	8.9	30.8
7-8 PM	1673	0.0	1500	1500	173	16.63+	424	60.2	9.0	30.8
8-9 PM	1376	0.0	1499	1376	0	14.74+	374	60.2	9.5	30.8
9-10 PM	1259	0.0	1499	1259	0	7.30	189	60.2	14.3	32.0
10-11 PM	1054	0.0	1500	1054	0	0.58	4	60.2	47.6	41.2
11PM-MID	763	0.0	1500	763	0	0.42	0	60.2	50.5	42.5

+ 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	0.0110
MAIN ROUTE WITH WORKS	0.0074
'DIVERSION'	0.0046

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$96,580
CONGESTED HOURS PER DAY*	13

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

