

USH 12/14: USH 14 TO OLD SAUK RD (DANE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	113	0.0	OFF	113	0	0.00	0	60.2	60.2	60.2	
1-2 AM	62	0.0	OFF	62	0	0.00	0	60.2	60.2	60.2	
2-3 AM	51	0.0	OFF	51	0	0.00	0	60.2	60.2	60.2	
3-4 AM	58	0.0	OFF	58	0	0.00	0	60.2	60.2	60.2	
4-5 AM	149	0.0	OFF	149	0	0.00	0	60.2	60.2	60.2	
5-6 AM	398	0.0	OFF	398	0	0.00	0	60.2	60.2	60.2	
6-7 AM	1102	0.0	OFF	1102	0	0.00	0	60.2	60.2	60.2	
7-8 AM	1791	0.0	OFF	1791	0	0.00	0	60.2	60.2	60.2	
8-9 AM	1330	0.0	OFF	1330	0	0.00	0	60.2	60.2	60.2	
9-10 AM	1108	0.0	OFF	1108	0	0.00	0	60.2	60.2	60.2	
10-11 AM	1197	0.0	1500	1197	0	0.57	0	60.2	44.3	38.6	
11AM-NOON	1427	0.0	1499	1427	0	0.87	0	60.2	38.9	32.4	
NOON-1PM	1551	0.0	1499	1551	0	1.70	21	60.2	29.1	30.8	
1-2 PM	1556	0.0	1499	1556	0	3.68	74	60.2	18.2	30.8	
2-3 PM	1696	0.0	1500	1696	0	7.63	187	60.2	11.9	30.8	
3-4 PM	2129	0.0	OFF	2129	0	0.37	24	60.2	48.9	48.9	
4-5 PM	2849	0.0	OFF	2849	0	0.00	0	57.3	57.3	57.3	
5-6 PM	2769	0.0	OFF	2769	0	0.00	0	58.1	58.1	58.1	
6-7 PM	1751	0.0	OFF	1751	0	0.00	0	60.2	60.2	60.2	
7-8 PM	1254	0.0	OFF	1254	0	0.00	0	60.2	60.2	60.2	
8-9 PM	1024	0.0	OFF	1024	0	0.00	0	60.2	60.2	60.2	
9-10 PM	731	0.0	OFF	731	0	0.00	0	60.2	60.2	60.2	
10-11 PM	405	0.0	OFF	405	0	0.00	0	60.2	60.2	60.2	
11PM-MID	225	0.0	OFF	225	0	0.00	0	60.2	60.2	60.2	

"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	0.0068
MAIN ROUTE WITH WORKS	0.0063
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,841
CONGESTED HOURS PER DAY*	0

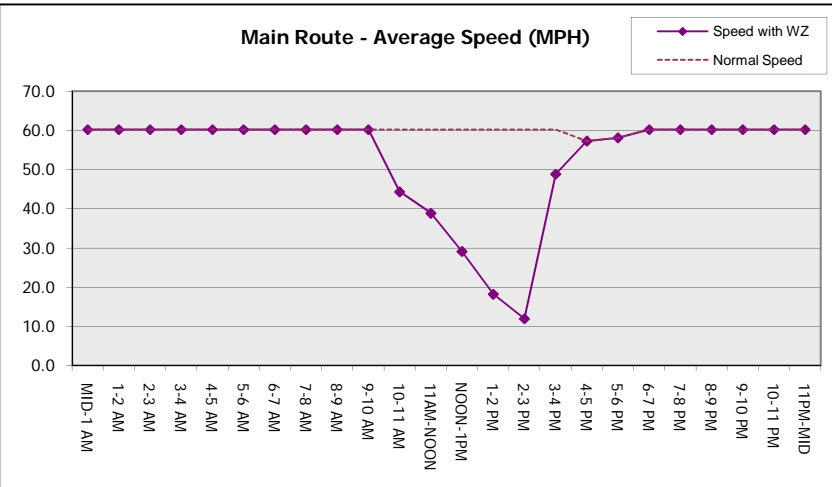
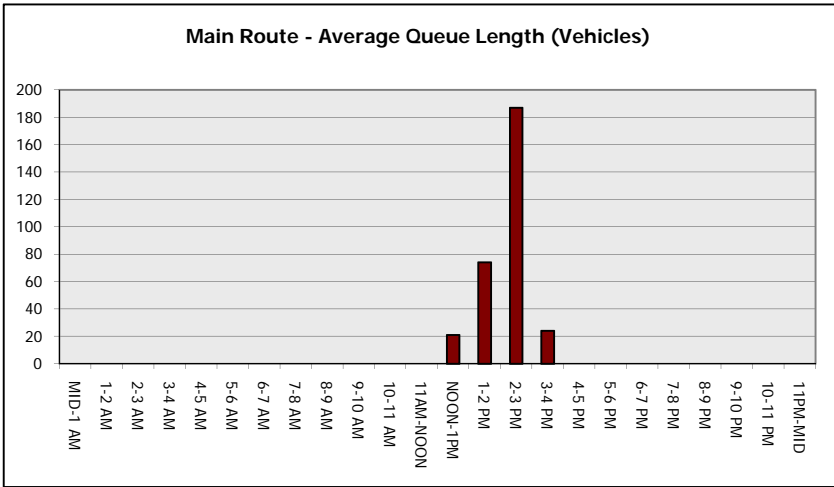
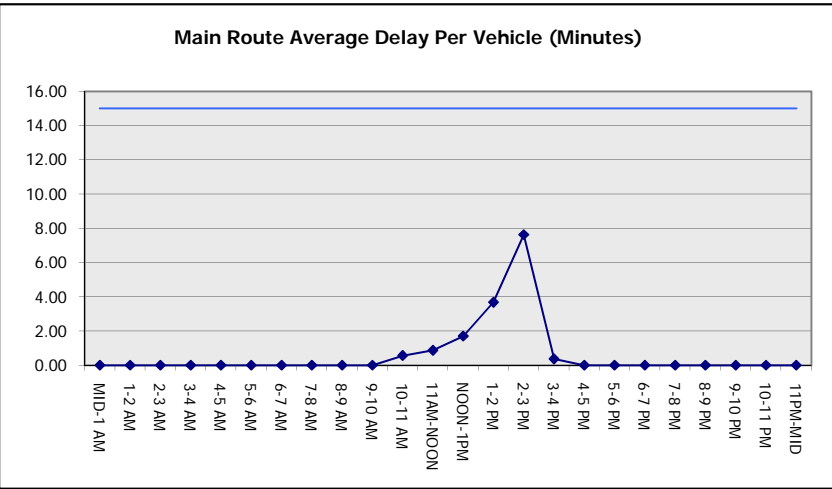
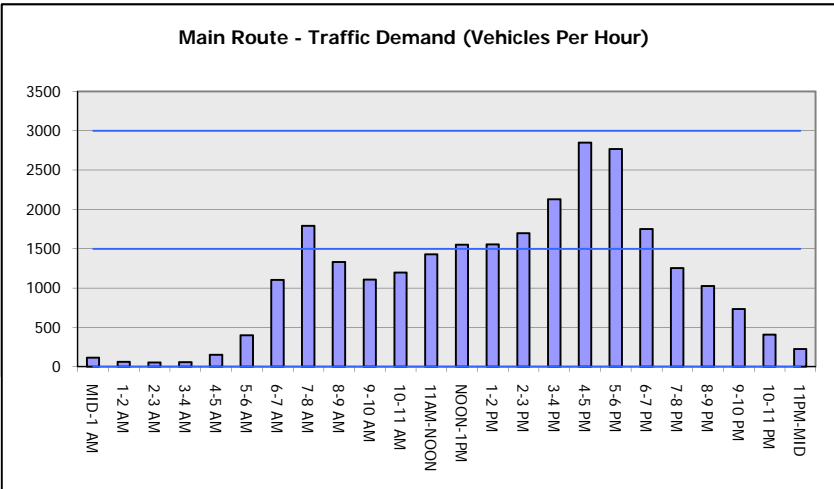
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

MON-THUR WESTBOUND DIRECTION



USH 12/14: USH 14 TO OLD SAUK RD (DANE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	132	0.0	OFF	132	0	0.00	0	60.2	60.2	60.2
1-2 AM	79	0.0	OFF	79	0	0.00	0	60.2	60.2	60.2
2-3 AM	71	0.0	OFF	71	0	0.00	0	60.2	60.2	60.2
3-4 AM	72	0.0	OFF	72	0	0.00	0	60.2	60.2	60.2
4-5 AM	148	0.0	OFF	148	0	0.00	0	60.2	60.2	60.2
5-6 AM	528	0.0	OFF	528	0	0.00	0	60.2	60.2	60.2
6-7 AM	1650	0.0	OFF	1650	0	0.00	0	60.2	60.2	60.2
7-8 AM	2800	0.0	OFF	2800	0	0.00	0	57.8	57.8	57.8
8-9 AM	2159	0.0	OFF	2159	0	0.00	0	60.2	60.2	60.2
9-10 AM	1439	0.0	OFF	1439	0	0.00	0	60.2	60.2	60.2
10-11 AM	1378	0.0	1500	1378	0	0.81	0	60.2	39.9	33.5
11AM-NOON	1476	0.0	1499	1476	0	0.94	0	60.2	37.9	31.3
NOON-1PM	1559	0.0	1499	1559	0	1.97	29	60.2	26.9	30.8
1-2 PM	1487	0.0	1499	1487	0	2.90	52	60.2	21.3	30.8
2-3 PM	1582	0.0	1500	1582	0	3.56	73	60.2	18.6	30.8
3-4 PM	1955	0.0	OFF	1955	0	0.06	4	60.2	58.0	58.0
4-5 PM	1957	0.0	OFF	1957	0	0.00	0	60.2	60.2	60.2
5-6 PM	1881	0.0	OFF	1881	0	0.00	0	60.2	60.2	60.2
6-7 PM	1448	0.0	OFF	1448	0	0.00	0	60.2	60.2	60.2
7-8 PM	1076	0.0	OFF	1076	0	0.00	0	60.2	60.2	60.2
8-9 PM	898	0.0	OFF	898	0	0.00	0	60.2	60.2	60.2
9-10 PM	681	0.0	OFF	681	0	0.00	0	60.2	60.2	60.2
10-11 PM	436	0.0	OFF	436	0	0.00	0	60.2	60.2	60.2
11PM-MID	277	0.0	OFF	277	0	0.00	0	60.2	60.2	60.2

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

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(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	0
(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	0.0069
MAIN ROUTE WITH WORKS	0.0064
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,152
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

