

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

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	248	0.0	1500	248	0	0.36	0	60.2	49.1	44.5
1-2 AM	155	0.0	1500	155	0	0.35	0	60.2	49.4	44.8
2-3 AM	115	0.0	1500	115	0	0.34	0	60.2	49.6	45.0
3-4 AM	91	0.0	1500	91	0	0.34	0	60.2	49.6	45.1
4-5 AM	76	0.0	1500	76	0	0.34	0	60.2	49.7	45.2
5-6 AM	149	0.0	1500	149	0	0.35	0	60.2	49.4	44.9
6-7 AM	317	0.0	1500	317	0	0.37	0	60.2	48.9	44.2
7-8 AM	641	0.0	1500	641	0	0.41	0	60.2	47.9	43.0
8-9 AM	942	0.0	OFF	942	0	0.00	0	60.2	60.2	60.2
9-10 AM	1223	0.0	OFF	1223	0	0.00	0	60.2	60.2	60.2
10-11 AM	1463	0.0	OFF	1463	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1649	0.0	OFF	1649	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1655	0.0	OFF	1655	0	0.00	0	60.2	60.2	60.2
1-2 PM	1658	0.0	OFF	1658	0	0.00	0	60.2	60.2	60.2
2-3 PM	1563	0.0	OFF	1563	0	0.00	0	60.2	60.2	60.2
3-4 PM	1581	0.0	OFF	1581	0	0.00	0	60.2	60.2	60.2
4-5 PM	1554	0.0	OFF	1554	0	0.00	0	60.2	60.2	60.2
5-6 PM	1419	0.0	OFF	1419	0	0.00	0	60.2	60.2	60.2
6-7 PM	1165	0.0	1500	1165	0	0.53	0	60.2	45.2	39.6
7-8 PM	969	0.0	1500	969	0	0.45	0	60.2	47.0	41.8
8-9 PM	862	0.0	1500	862	0	0.43	0	60.2	47.3	42.2
9-10 PM	765	0.0	1500	765	0	0.42	0	60.2	47.6	42.5
10-11 PM	539	0.0	1500	539	0	0.39	0	60.2	48.3	43.3
11PM-MID	408	0.0	1500	408	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	0.0054
MAIN ROUTE WITH WORKS	0.0050
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$678
CONGESTED HOURS PER DAY*	0

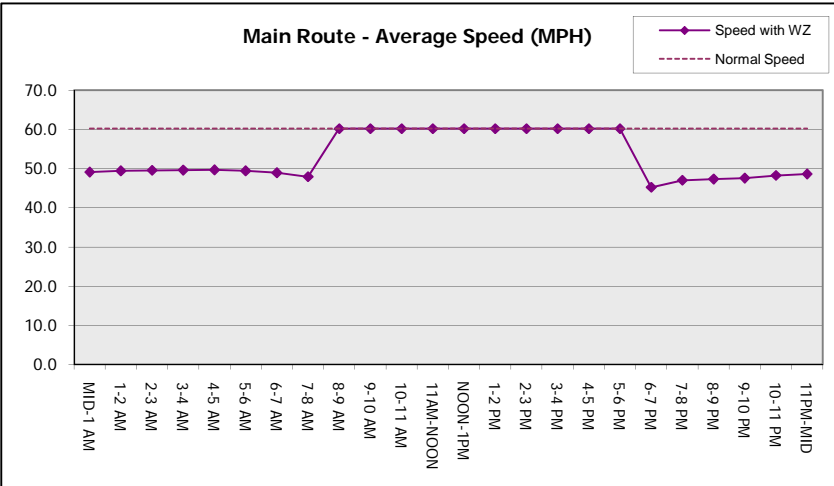
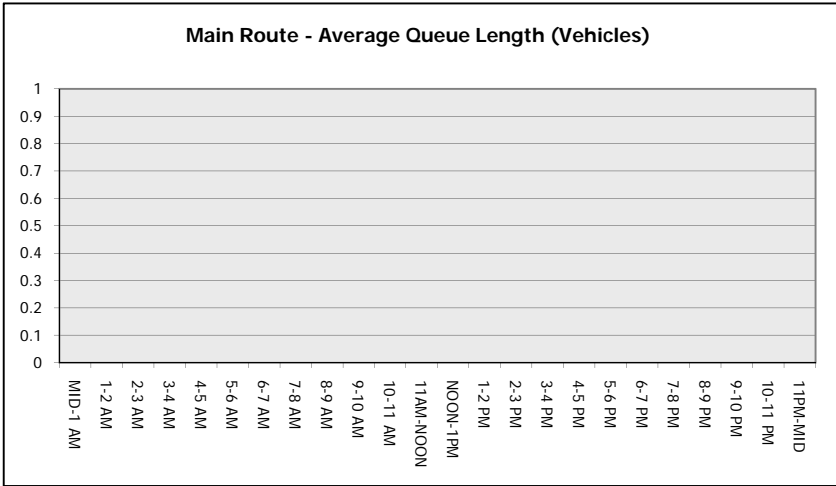
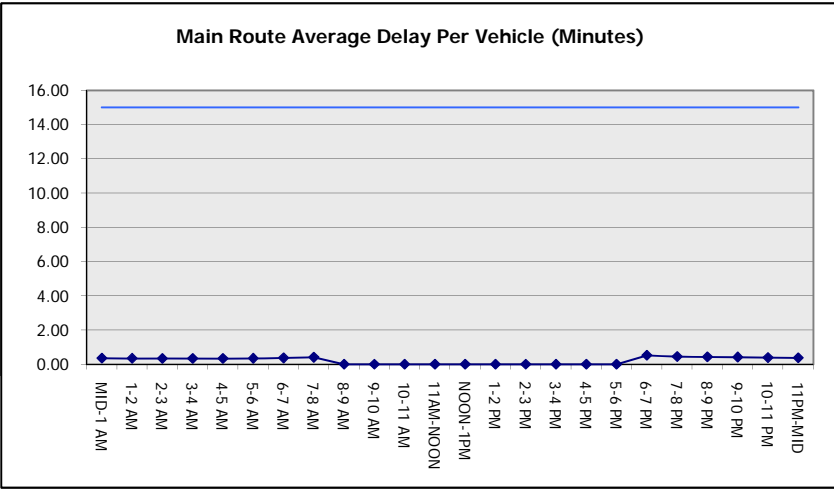
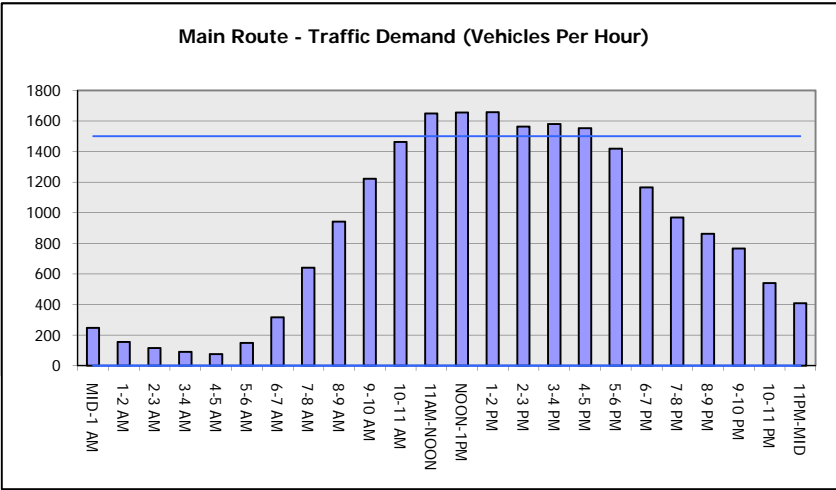
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY WESTBOUND DIRECTION



USH 12/14: USH 14 TO OLD SAUK RD (DANE COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	275	0.0	1500	275	0	0.36	0	60.2	49.1	44.4
1-2 AM	166	0.0	1500	166	0	0.35	0	60.2	49.4	44.8
2-3 AM	186	0.0	1500	186	0	0.35	0	60.2	49.3	44.7
3-4 AM	85	0.0	1500	85	0	0.34	0	60.2	49.7	45.1
4-5 AM	102	0.0	1500	102	0	0.34	0	60.2	49.6	45.1
5-6 AM	167	0.0	1500	167	0	0.35	0	60.2	49.4	44.8
6-7 AM	395	0.0	1500	395	0	0.38	0	60.2	48.7	43.9
7-8 AM	609	0.0	1500	609	0	0.40	0	60.2	48.1	43.1
8-9 AM	895	0.0	OFF	895	0	0.00	0	60.2	60.2	60.2
9-10 AM	1237	0.0	OFF	1237	0	0.00	0	60.2	60.2	60.2
10-11 AM	1491	0.0	OFF	1491	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1611	0.0	OFF	1611	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1653	0.0	OFF	1653	0	0.00	0	60.2	60.2	60.2
1-2 PM	1655	0.0	OFF	1655	0	0.00	0	60.2	60.2	60.2
2-3 PM	1523	0.0	OFF	1523	0	0.00	0	60.2	60.2	60.2
3-4 PM	1501	0.0	OFF	1501	0	0.00	0	60.2	60.2	60.2
4-5 PM	1494	0.0	OFF	1494	0	0.00	0	60.2	60.2	60.2
5-6 PM	1434	0.0	OFF	1434	0	0.00	0	60.2	60.2	60.2
6-7 PM	1268	0.0	1500	1268	0	0.66	0	60.2	42.5	36.4
7-8 PM	1017	0.0	1500	1017	0	0.45	0	60.2	46.9	41.6
8-9 PM	871	0.0	1500	871	0	0.44	0	60.2	47.3	42.2
9-10 PM	768	0.0	1500	768	0	0.42	0	60.2	47.6	42.5
10-11 PM	548	0.0	1500	548	0	0.40	0	60.2	48.3	43.3
11PM-MID	499	0.0	1500	499	0	0.39	0	60.2	48.4	43.5

"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	0.0055
MAIN ROUTE WITH WORKS	0.0050
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$768
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

