

<b>USH 12/14: USH 14 TO OLD SAUK RD (DANE)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	1500	942	0	0.44	0	60.2	47.1	41.9	
9-10 AM	1223	0.0	1499	1223	0	0.60	0	60.2	43.7	37.8	
10-11 AM	1463	0.0	1499	1463	0	0.98	1	60.2	37.3	31.7	
11AM-NOON	1649	0.0	1500	1649	0	3.44	76	60.2	19.3	30.8	
NOON-1PM	1655	0.0	1499	1655	0	9.48	234	60.2	10.6	30.8	
1-2 PM	1658	0.0	1500	1623	35	15.30+	390	60.2	8.5	30.8	
2-3 PM	1563	0.0	1500	1500	63	17.03+	435	60.2	8.1	30.8	
3-4 PM	1581	0.0	1500	1500	81	17.04+	435	60.2	8.1	30.8	
4-5 PM	1554	0.0	1500	1500	54	17.03+	435	60.2	8.1	30.8	
5-6 PM	1419	0.0	1499	1419	0	15.97+	407	60.2	8.3	30.8	
6-7 PM	1165	0.0	1499	1165	0	7.23	201	60.2	12.7	33.3	
7-8 PM	969	0.0	1500	969	0	0.46	0	60.2	46.7	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	

+ 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

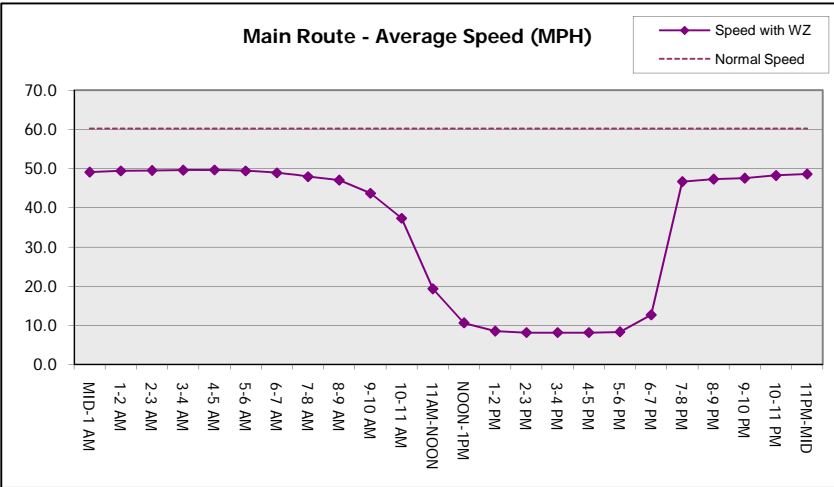
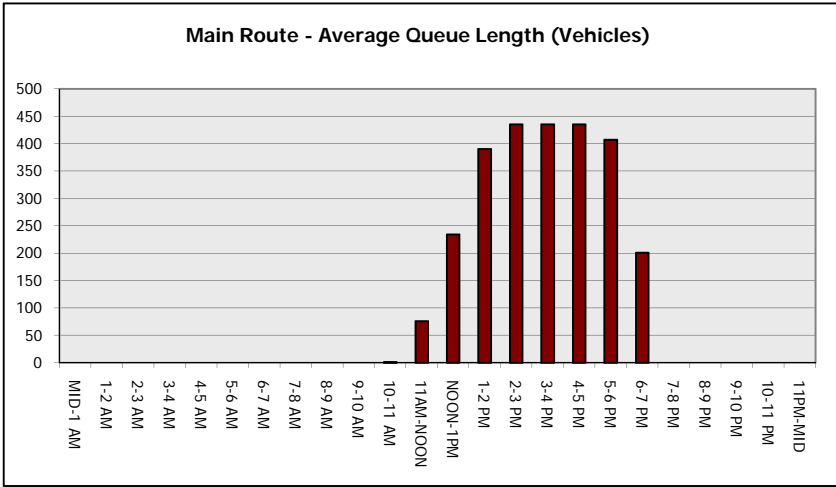
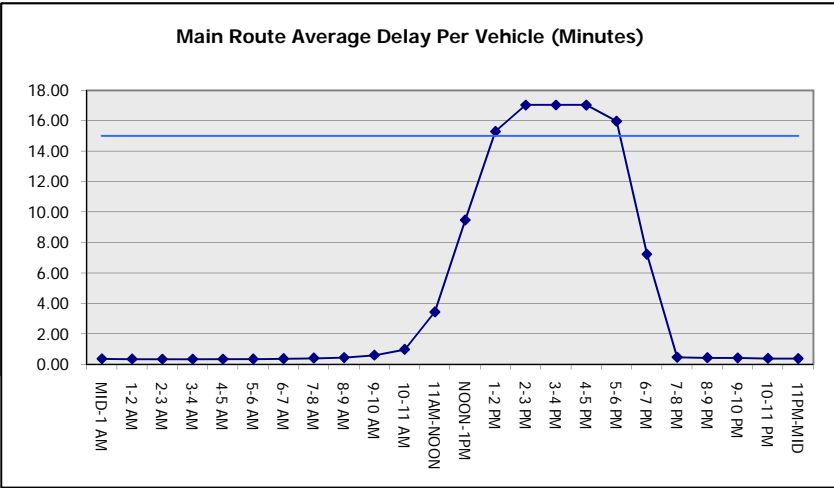
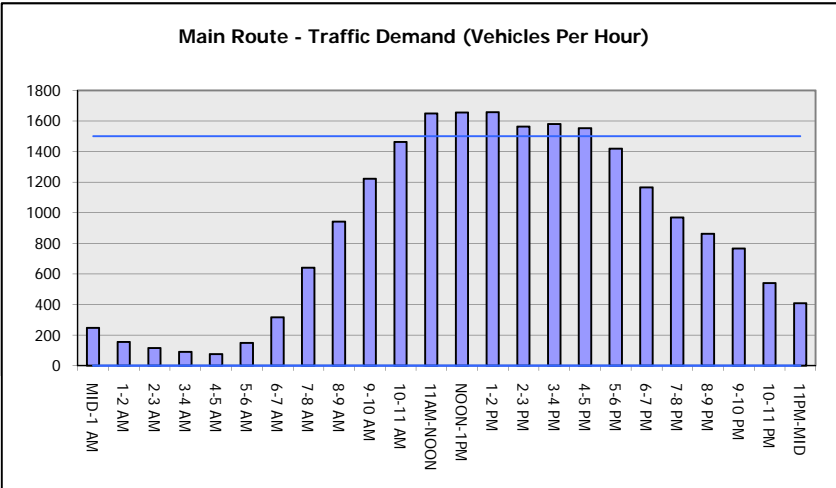
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0054
MAIN ROUTE WITH WORKS	0.0039
'DIVERSION'	0.0001
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$45,509
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>USH 12/14: USH 14 TO OLD SAUK RD (DANE)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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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	1500	895	0	0.44	0	60.2	47.2	42.0
9-10 AM	1237	0.0	1499	1237	0	0.62	0	60.2	43.3	37.4
10-11 AM	1491	0.0	1499	1491	0	1.09	4	60.2	35.8	31.4
11AM-NOON	1611	0.0	1500	1611	0	3.30	68	60.2	19.6	30.8
NOON-1PM	1653	0.0	1500	1653	0	8.37	204	60.2	11.3	30.8
1-2 PM	1655	0.0	1500	1655	0	14.33+	364	60.2	8.8	30.8
2-3 PM	1523	0.0	1499	1495	28	17.01+	434	60.2	8.1	30.8
3-4 PM	1501	0.0	1500	1501	0	17.01+	434	60.2	8.1	30.8
4-5 PM	1494	0.0	1500	1494	0	16.94+	432	60.2	8.1	30.8
5-6 PM	1434	0.0	1499	1434	0	15.78+	401	60.2	8.4	30.8
6-7 PM	1268	0.0	1499	1268	0	10.16	258	60.2	10.3	31.2
7-8 PM	1017	0.0	1500	1017	0	0.83	19	60.2	39.6	41.0
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

+ 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	0.0055
MAIN ROUTE WITH WORKS	0.0040
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$44,955
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

