

<b>USH 12/14: GAMMON RD TO VERONA RD (DANE COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	603	0.0	OFF	603	0	0.00	0	60.2	60.2	60.2	
1-2 AM	393	0.0	OFF	393	0	0.00	0	60.2	60.2	60.2	
2-3 AM	250	0.0	OFF	250	0	0.00	0	60.2	60.2	60.2	
3-4 AM	201	0.0	OFF	201	0	0.00	0	60.2	60.2	60.2	
4-5 AM	102	0.0	OFF	102	0	0.00	0	60.2	60.2	60.2	
5-6 AM	85	0.0	OFF	85	0	0.00	0	60.2	60.2	60.2	
6-7 AM	110	0.0	OFF	110	0	0.00	0	60.2	60.2	60.2	
7-8 AM	279	0.0	OFF	279	0	0.00	0	60.2	60.2	60.2	
8-9 AM	490	0.0	OFF	490	0	0.00	0	60.2	60.2	60.2	
9-10 AM	859	0.0	1500	859	0	0.43	0	60.2	52.1	42.2	
10-11 AM	1134	0.0	1499	1134	0	0.53	0	60.2	50.6	39.6	
11AM-NOON	1581	0.0	1499	1581	0	1.66	24	60.2	37.8	31.1	
NOON-1PM	2026	0.0	1500	1782	244	11.35+	305	60.2	12.5	30.8	
1-2 PM	2192	0.0	1499	1503	689	16.24+	413	60.2	9.9	30.8	
2-3 PM	2206	0.0	1500	1503	703	16.24+	413	60.2	9.9	30.8	
3-4 PM	2147	0.0	1500	1502	645	16.24+	413	60.2	9.9	30.8	
4-5 PM	2205	0.0	1500	1502	703	16.24+	413	60.2	9.9	30.8	
5-6 PM	2085	0.0	1500	1502	583	16.24+	413	60.2	9.9	30.8	
6-7 PM	1748	0.0	1500	1502	246	16.22+	413	60.2	9.9	30.8	
7-8 PM	1472	0.0	OFF	1472	0	0.46	30	60.2	51.7	51.7	
8-9 PM	1217	0.0	OFF	1217	0	0.00	0	60.2	60.2	60.2	
9-10 PM	1081	0.0	OFF	1081	0	0.00	0	60.2	60.2	60.2	
10-11 PM	888	0.0	OFF	888	0	0.00	0	60.2	60.2	60.2	
11PM-MID	537	0.0	OFF	537	0	0.00	0	60.2	60.2	60.2	

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

+ 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

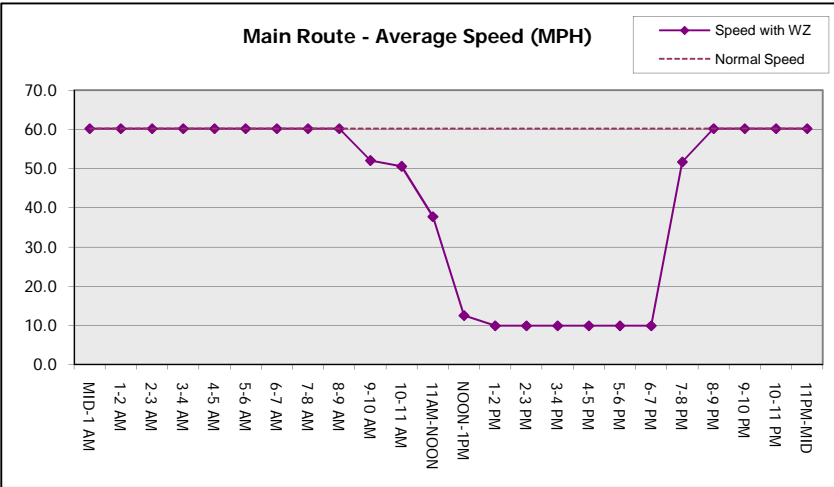
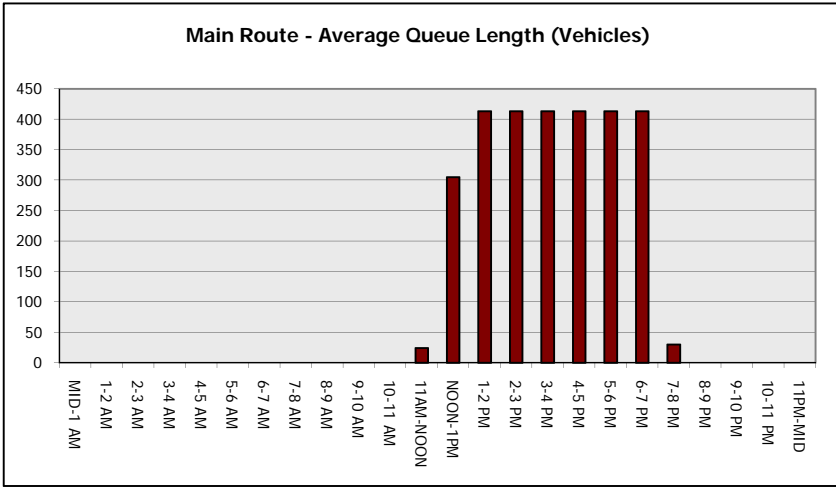
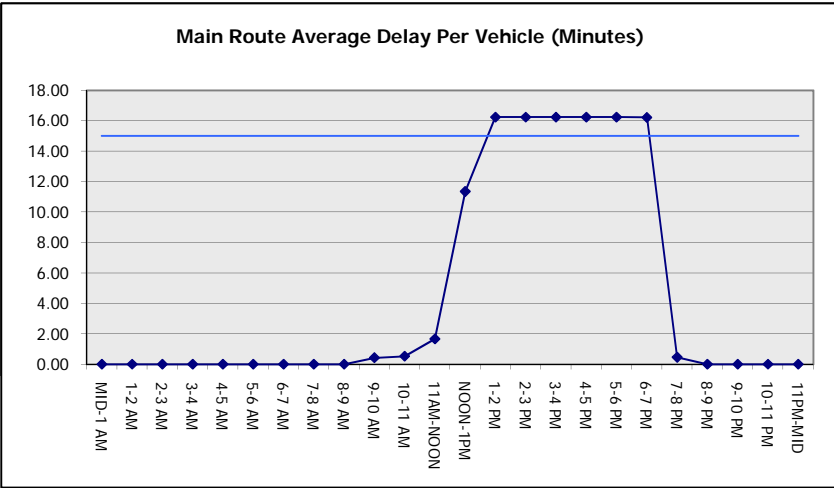
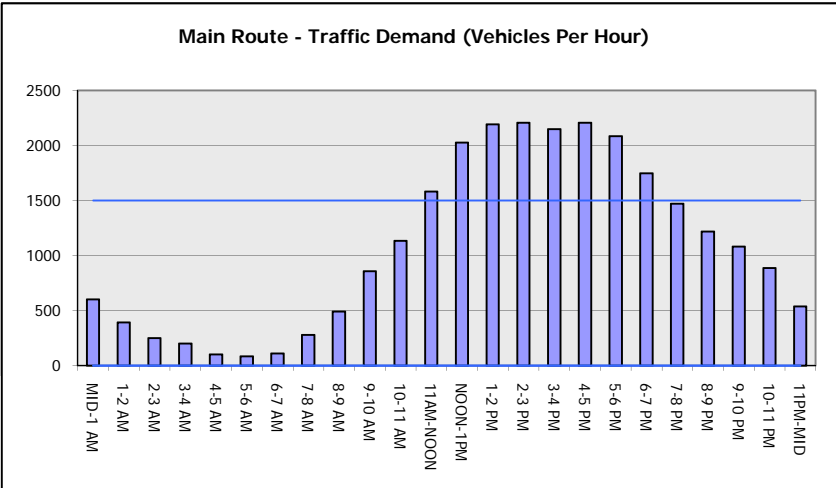
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0115
MAIN ROUTE WITH WORKS	0.0089
'DIVERSION'	0.0039
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$63,619
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

**USH 12/14: GAMMON RD TO VERONA RD (DANE COUNTY)  
OFF-PEAK DAY CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

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



<b>USH 12/14: GAMMON RD TO VERONA RD (DANE COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	779	0.0	OFF	779	0	0.00	0	60.2	60.2	60.2
1-2 AM	444	0.0	OFF	444	0	0.00	0	60.2	60.2	60.2
2-3 AM	234	0.0	OFF	234	0	0.00	0	60.2	60.2	60.2
3-4 AM	231	0.0	OFF	231	0	0.00	0	60.2	60.2	60.2
4-5 AM	115	0.0	OFF	115	0	0.00	0	60.2	60.2	60.2
5-6 AM	95	0.0	OFF	95	0	0.00	0	60.2	60.2	60.2
6-7 AM	133	0.0	OFF	133	0	0.00	0	60.2	60.2	60.2
7-8 AM	312	0.0	OFF	312	0	0.00	0	60.2	60.2	60.2
8-9 AM	465	0.0	OFF	465	0	0.00	0	60.2	60.2	60.2
9-10 AM	797	0.0	1500	797	0	0.43	0	60.2	52.2	42.4
10-11 AM	1239	0.0	1499	1239	0	0.62	0	60.2	49.3	37.6
11AM-NOON	1726	0.0	1499	1726	0	3.54	87	60.2	26.5	30.8
NOON-1PM	2059	0.0	1500	1744	316	14.86+	381	60.2	10.4	30.8
1-2 PM	2261	0.0	1499	1495	766	16.25+	413	60.2	9.9	30.8
2-3 PM	2303	0.0	1499	1495	808	16.25+	413	60.2	9.9	30.8
3-4 PM	2371	0.0	1499	1494	877	16.26+	414	60.2	9.9	30.8
4-5 PM	2494	0.0	1499	1491	1003	16.29+	415	60.2	9.9	30.8
5-6 PM	2421	0.0	1499	1497	925	16.26+	414	60.2	9.9	30.8
6-7 PM	2272	0.0	1499	1498	774	16.25+	413	60.2	9.9	30.8
7-8 PM	1962	0.0	OFF	1962	0	0.71	47	60.2	48.0	48.0
8-9 PM	1662	0.0	OFF	1662	0	0.00	0	60.2	60.2	60.2
9-10 PM	1261	0.0	OFF	1261	0	0.00	0	60.2	60.2	60.2
10-11 PM	1000	0.0	OFF	1000	0	0.00	0	60.2	60.2	60.2
11PM-MID	619	0.0	OFF	619	0	0.00	0	60.2	60.2	60.2

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

+ 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	0.0130
MAIN ROUTE WITH WORKS	0.0097
'DIVERSION'	0.0056

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$73,855
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

**USH 12/14: GAMMON RD TO VERONA RD (DANE COUNTY)  
OFF-PEAK DAY CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

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

