

<b>USH 12/14: GAMMON RD TO VERONA RD (DANE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</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	609	0.0	1500	609	0	0.40	0	60.2	52.6	43.1	
1-2 AM	361	0.0	1500	361	0	0.37	0	60.2	53.2	44.0	
2-3 AM	213	0.0	1500	213	0	0.35	0	60.2	53.5	44.6	
3-4 AM	189	0.0	1500	189	0	0.35	0	60.2	53.5	44.7	
4-5 AM	143	0.0	1500	143	0	0.35	0	60.2	53.6	44.9	
5-6 AM	133	0.0	1500	133	0	0.34	0	60.2	53.6	45.0	
6-7 AM	235	0.0	1500	235	0	0.36	0	60.2	53.4	44.5	
7-8 AM	498	0.0	1500	498	0	0.39	0	60.2	52.8	43.5	
8-9 AM	976	0.0	OFF	976	0	0.00	0	60.2	60.2	60.2	
9-10 AM	1429	0.0	OFF	1429	0	0.00	0	60.2	60.2	60.2	
10-11 AM	1795	0.0	OFF	1795	0	0.00	0	60.2	60.2	60.2	
11AM-NOON	2183	0.0	OFF	2183	0	0.00	0	60.2	60.2	60.2	
NOON-1PM	2357	0.0	OFF	2357	0	0.00	0	60.2	60.2	60.2	
1-2 PM	2353	0.0	OFF	2353	0	0.00	0	60.2	60.2	60.2	
2-3 PM	2260	0.0	OFF	2260	0	0.00	0	60.2	60.2	60.2	
3-4 PM	2157	0.0	OFF	2157	0	0.00	0	60.2	60.2	60.2	
4-5 PM	2241	0.0	OFF	2241	0	0.00	0	60.2	60.2	60.2	
5-6 PM	2274	0.0	OFF	2274	0	0.00	0	60.2	60.2	60.2	
6-7 PM	2016	0.0	1499	1950	66	9.36+	263	60.2	14.4	30.8	
7-8 PM	1792	0.0	1500	1471	322	16.13+	410	60.2	9.9	30.8	
8-9 PM	1385	0.0	1499	1381	5	14.86+	378	60.2	10.3	30.8	
9-10 PM	1213	0.0	1499	1213	0	6.15	169	60.2	18.8	32.9	
10-11 PM	1015	0.0	1500	1015	0	0.46	0	60.2	51.7	41.6	
11PM-MID	765	0.0	1500	765	0	0.42	0	60.2	52.3	42.5	

"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

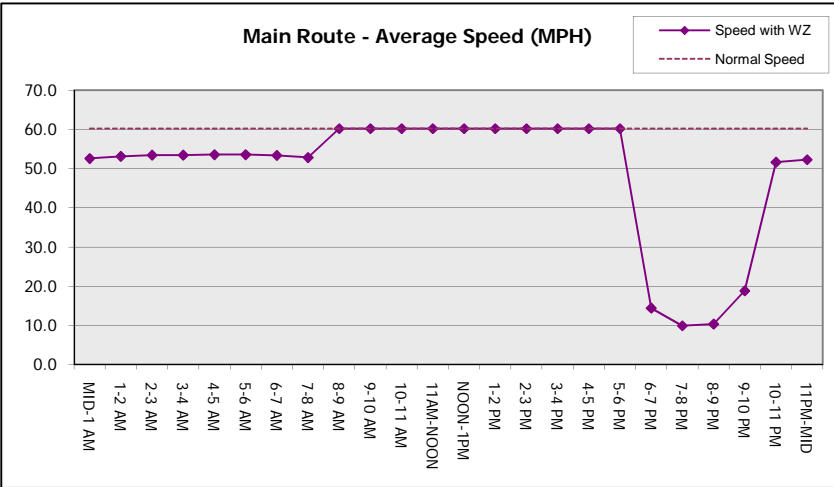
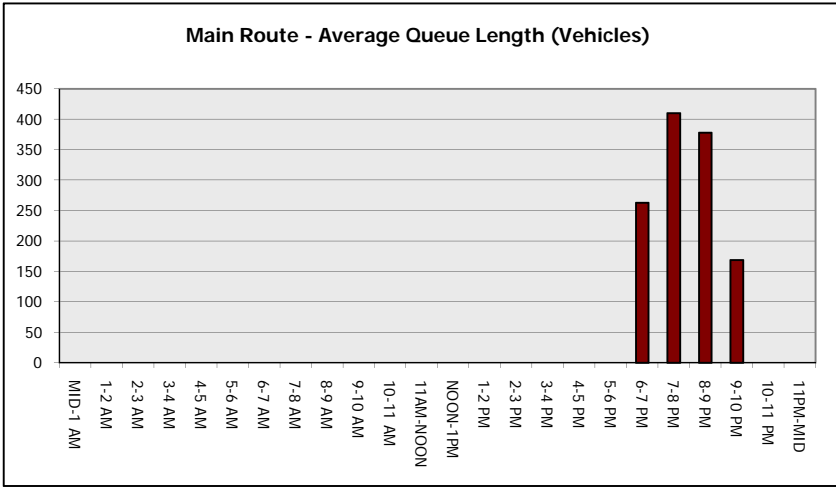
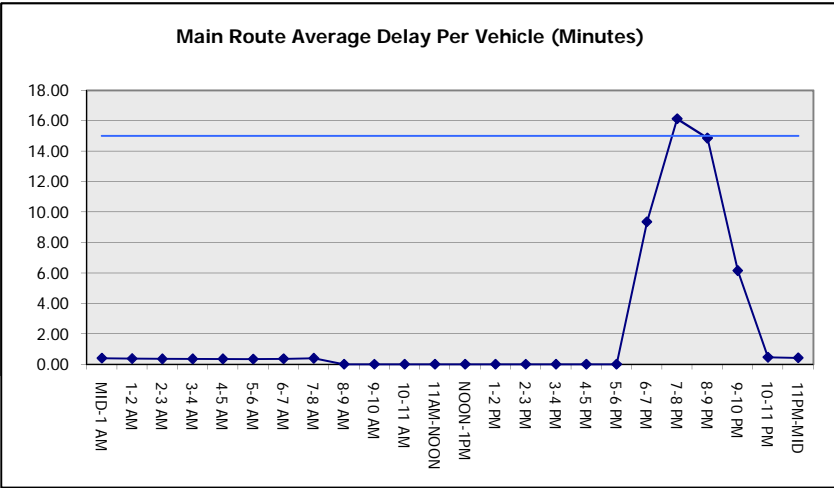
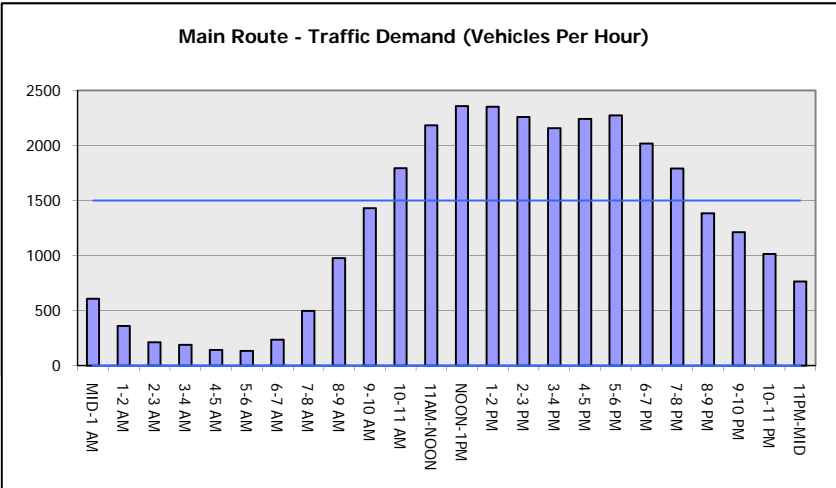
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0136
MAIN ROUTE WITH WORKS	0.0128
'DIVERSION'	0.0004
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$21,653
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

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



<b>USH 12/14: GAMMON RD TO VERONA RD (DANE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</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	770	0.0	1500	770	0	0.42	0	60.2	52.3	42.5
1-2 AM	401	0.0	1500	401	0	0.38	0	60.2	53.0	43.9
2-3 AM	242	0.0	1500	242	0	0.36	0	60.2	53.4	44.5
3-4 AM	152	0.0	1500	152	0	0.35	0	60.2	53.6	44.9
4-5 AM	99	0.0	1500	99	0	0.34	0	60.2	53.7	45.1
5-6 AM	133	0.0	1500	133	0	0.34	0	60.2	53.6	45.0
6-7 AM	213	0.0	1500	213	0	0.35	0	60.2	53.5	44.6
7-8 AM	505	0.0	1500	505	0	0.39	0	60.2	52.8	43.5
8-9 AM	938	0.0	OFF	938	0	0.00	0	60.2	60.2	60.2
9-10 AM	1366	0.0	OFF	1366	0	0.00	0	60.2	60.2	60.2
10-11 AM	1694	0.0	OFF	1694	0	0.00	0	60.2	60.2	60.2
11AM-NOON	2007	0.0	OFF	2007	0	0.00	0	60.2	60.2	60.2
NOON-1PM	2229	0.0	OFF	2229	0	0.00	0	60.2	60.2	60.2
1-2 PM	2320	0.0	OFF	2320	0	0.00	0	60.2	60.2	60.2
2-3 PM	2305	0.0	OFF	2305	0	0.00	0	60.2	60.2	60.2
3-4 PM	2283	0.0	OFF	2283	0	0.00	0	60.2	60.2	60.2
4-5 PM	2159	0.0	OFF	2159	0	0.00	0	60.2	60.2	60.2
5-6 PM	2109	0.0	OFF	2109	0	0.00	0	60.2	60.2	60.2
6-7 PM	1977	0.0	1499	1977	0	8.78+	249	60.2	15.0	30.8
7-8 PM	1738	0.0	1499	1429	309	15.98+	406	60.2	9.9	30.8
8-9 PM	1481	0.0	1500	1469	12	15.81+	402	60.2	10.0	30.8
9-10 PM	1313	0.0	1499	1313	0	11.48	290	60.2	12.0	30.8
10-11 PM	1171	0.0	1499	1171	0	2.00	61	60.2	35.1	37.1
11PM-MID	923	0.0	1500	923	0	0.44	0	60.2	52.0	42.0

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

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0136
MAIN ROUTE WITH WORKS	0.0128
'DIVERSION'	0.0003

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$24,402
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding User-Specified Maximum

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

