

USH 12/14: GAMMON RD TO VERONA RD (DANE COUNTY) NIGHTTIME 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	318	0.0	1500	318	0	0.37	0	60.2	53.2	44.2
1-2 AM	183	0.0	1500	183	0	0.35	0	60.2	53.5	44.8
2-3 AM	107	0.0	1500	107	0	0.34	0	60.2	53.7	45.1
3-4 AM	86	0.0	1500	86	0	0.34	0	60.2	53.7	45.1
4-5 AM	87	0.0	1500	87	0	0.34	0	60.2	53.7	45.1
5-6 AM	213	0.0	OFF	213	0	0.00	0	60.2	60.2	60.2
6-7 AM	628	0.0	OFF	628	0	0.00	0	60.2	60.2	60.2
7-8 AM	1993	0.0	OFF	1993	0	0.00	0	60.2	60.2	60.2
8-9 AM	3162	0.0	OFF	3162	0	0.00	0	54.1	54.1	54.1
9-10 AM	2581	0.0	OFF	2581	0	0.00	0	60.1	60.1	60.1
10-11 AM	1978	0.0	OFF	1978	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1957	0.0	OFF	1957	0	0.00	0	60.2	60.2	60.2
NOON-1PM	2201	0.0	OFF	2201	0	0.00	0	60.2	60.2	60.2
1-2 PM	2438	0.0	OFF	2438	0	0.00	0	60.2	60.2	60.2
2-3 PM	2356	0.0	OFF	2356	0	0.00	0	60.2	60.2	60.2
3-4 PM	2409	0.0	OFF	2409	0	0.00	0	60.2	60.2	60.2
4-5 PM	2661	0.0	OFF	2661	0	0.00	0	59.2	59.2	59.2
5-6 PM	3186	0.0	OFF	3186	0	0.00	0	53.8	53.8	53.8
6-7 PM	3151	0.0	OFF	3151	0	0.00	0	54.2	54.2	54.2
7-8 PM	2255	0.0	1499	1961	294	12.40+	324	60.2	11.7	30.8
8-9 PM	1638	0.0	1499	1454	184	16.06+	408	60.2	9.9	30.8
9-10 PM	1333	0.0	1499	1333	0	13.84+	352	60.2	10.7	30.8
10-11 PM	972	0.0	1499	972	0	1.88	69	60.2	36.0	39.4
11PM-MID	620	0.0	1500	620	0	0.40	0	60.2	52.6	43.0

"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	0.0172
MAIN ROUTE WITH WORKS	0.0165
'DIVERSION'	0.0005
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$17,535
CONGESTED HOURS PER DAY*	3

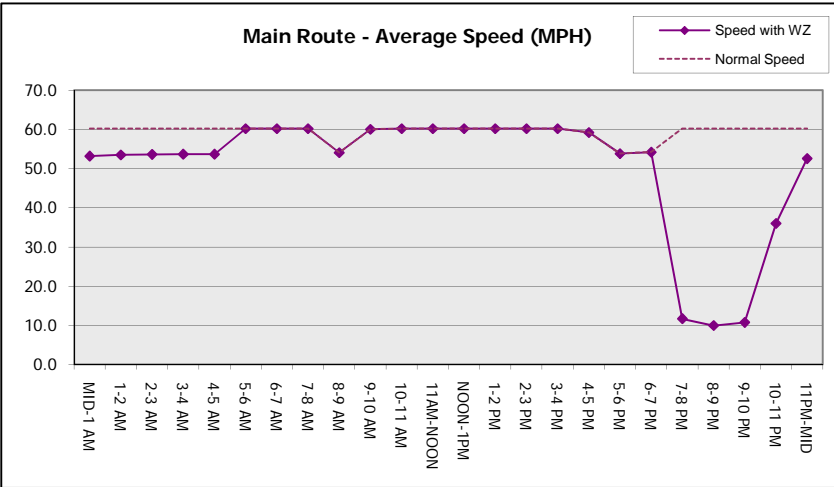
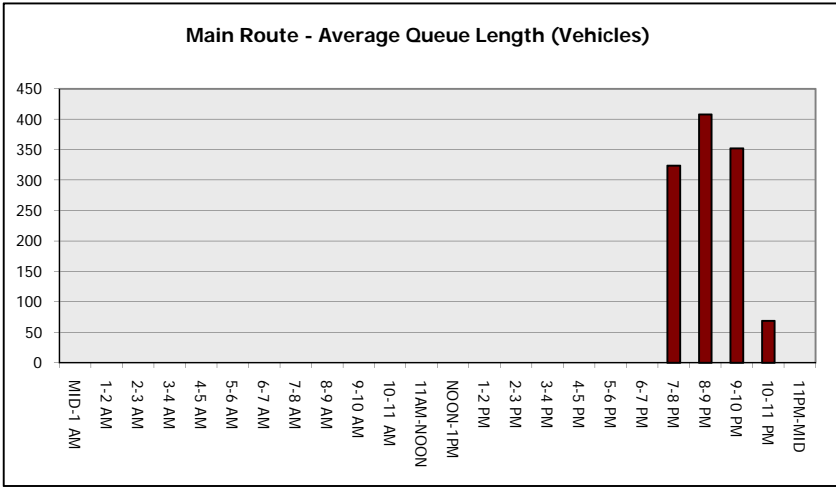
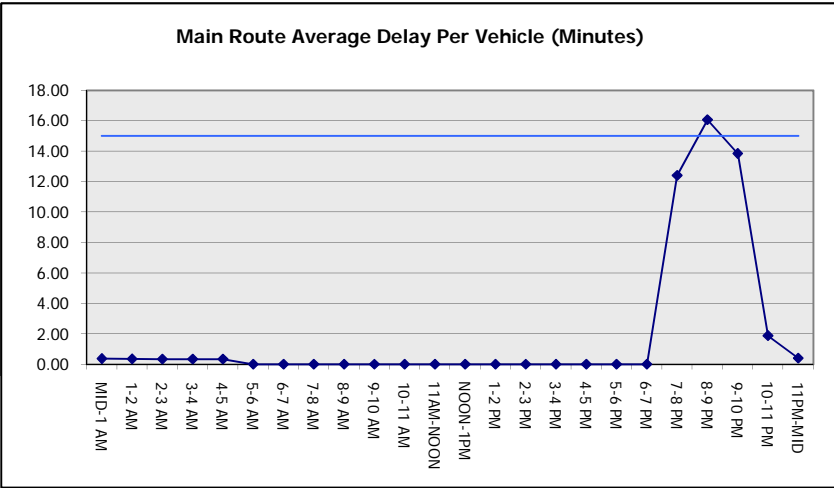
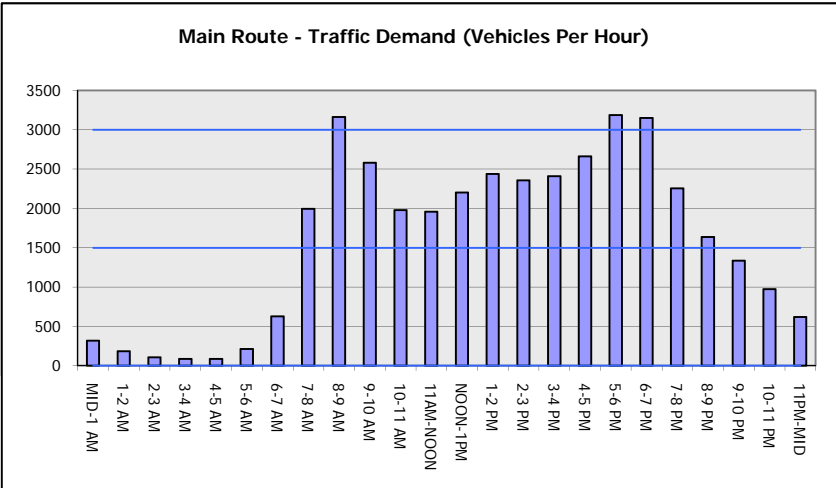
*Delays Exceeding User-Specified Maximum

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

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

MON-THUR WESTBOUND DIRECTION



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

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	453	0.0	1500	453	0	0.38	0	60.2	53.0	43.7
1-2 AM	232	0.0	1500	232	0	0.36	0	60.2	53.4	44.5
2-3 AM	130	0.0	1500	130	0	0.34	0	60.2	53.6	45.0
3-4 AM	104	0.0	1500	104	0	0.34	0	60.2	53.7	45.1
4-5 AM	104	0.0	1500	104	0	0.34	0	60.2	53.7	45.1
5-6 AM	185	0.0	OFF	185	0	0.00	0	60.2	60.2	60.2
6-7 AM	661	0.0	OFF	661	0	0.00	0	60.2	60.2	60.2
7-8 AM	1796	0.0	OFF	1796	0	0.00	0	60.2	60.2	60.2
8-9 AM	2931	0.0	OFF	2931	0	0.00	0	56.4	56.4	56.4
9-10 AM	2392	0.0	OFF	2392	0	0.00	0	60.2	60.2	60.2
10-11 AM	1868	0.0	OFF	1868	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1908	0.0	OFF	1908	0	0.00	0	60.2	60.2	60.2
NOON-1PM	2302	0.0	OFF	2302	0	0.00	0	60.2	60.2	60.2
1-2 PM	2436	0.0	OFF	2436	0	0.00	0	60.2	60.2	60.2
2-3 PM	2395	0.0	OFF	2395	0	0.00	0	60.2	60.2	60.2
3-4 PM	2582	0.0	OFF	2582	0	0.00	0	60.1	60.1	60.1
4-5 PM	2983	0.0	OFF	2983	0	0.00	0	56.0	56.0	56.0
5-6 PM	3378	0.0	OFF	3378	0	0.00	0	51.9	51.9	51.9
6-7 PM	3096	0.0	OFF	3096	0	0.00	0	54.8	54.8	54.8
7-8 PM	2180	0.0	1499	1927	252	11.82+	313	60.2	12.2	30.8
8-9 PM	1687	0.0	1499	1494	193	16.20+	412	60.2	9.9	30.8
9-10 PM	1495	0.0	1499	1462	34	15.97+	406	60.2	9.9	30.8
10-11 PM	1164	0.0	1499	1164	0	8.51	238	60.2	15.1	33.4
11PM-MID	735	0.0	1500	735	0	0.46	1	60.2	51.7	42.6

"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	0.0175
MAIN ROUTE WITH WORKS	0.0168
'DIVERSION'	0.0005

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$20,459
CONGESTED HOURS PER DAY*	3

*Delays Exceeding User-Specified Maximum

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

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

