

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

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	618	0.0	OFF	618	0	0.00	0	60.2	60.2	60.2	
1-2 AM	373	0.0	OFF	373	0	0.00	0	60.2	60.2	60.2	
2-3 AM	248	0.0	OFF	248	0	0.00	0	60.2	60.2	60.2	
3-4 AM	209	0.0	OFF	209	0	0.00	0	60.2	60.2	60.2	
4-5 AM	146	0.0	OFF	146	0	0.00	0	60.2	60.2	60.2	
5-6 AM	133	0.0	OFF	133	0	0.00	0	60.2	60.2	60.2	
6-7 AM	242	0.0	OFF	242	0	0.00	0	60.2	60.2	60.2	
7-8 AM	555	0.0	OFF	555	0	0.00	0	60.2	60.2	60.2	
8-9 AM	928	0.0	1499	928	0	0.44	0	60.2	52.0	41.9	
9-10 AM	1467	0.0	1499	1467	0	1.17	9	60.2	42.4	32.4	
10-11 AM	1777	0.0	1500	1777	0	5.79	151	60.2	19.6	30.8	
11AM-NOON	2219	0.0	1499	1574	646	15.96+	406	60.2	9.9	30.8	
NOON-1PM	2593	0.0	1500	1511	1082	16.28+	415	59.9	9.9	30.8	
1-2 PM	2599	0.0	1500	1506	1093	16.27+	414	59.9	9.9	30.8	
2-3 PM	2616	0.0	1500	1504	1112	16.25+	414	59.7	9.9	30.8	
3-4 PM	2453	0.0	1500	1501	952	16.26+	414	60.2	9.9	30.8	
4-5 PM	2511	0.0	1500	1500	1011	16.26+	414	60.2	9.9	30.8	
5-6 PM	2490	0.0	1500	1500	990	16.26+	414	60.2	9.9	30.8	
6-7 PM	2160	0.0	OFF	2160	0	0.69	45	60.2	48.4	48.4	
7-8 PM	1878	0.0	OFF	1878	0	0.00	0	60.2	60.2	60.2	
8-9 PM	1426	0.0	OFF	1426	0	0.00	0	60.2	60.2	60.2	
9-10 PM	1259	0.0	OFF	1259	0	0.00	0	60.2	60.2	60.2	
10-11 PM	1064	0.0	OFF	1064	0	0.00	0	60.2	60.2	60.2	
11PM-MID	846	0.0	OFF	846	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	0.0
(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	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

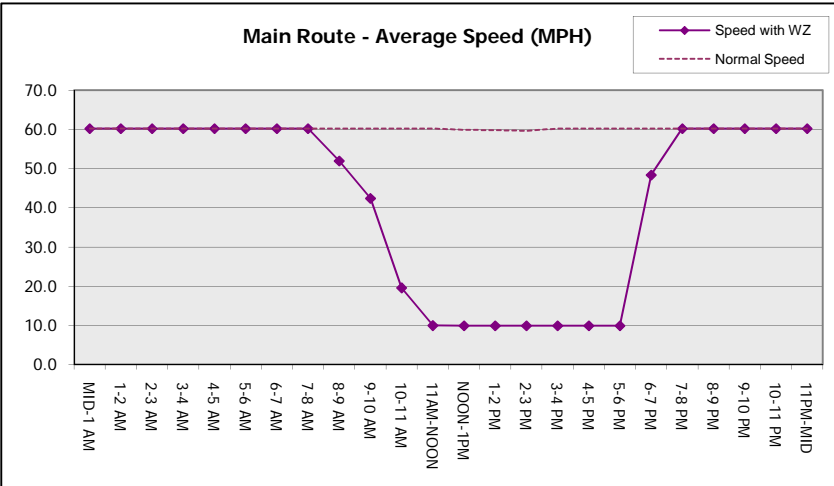
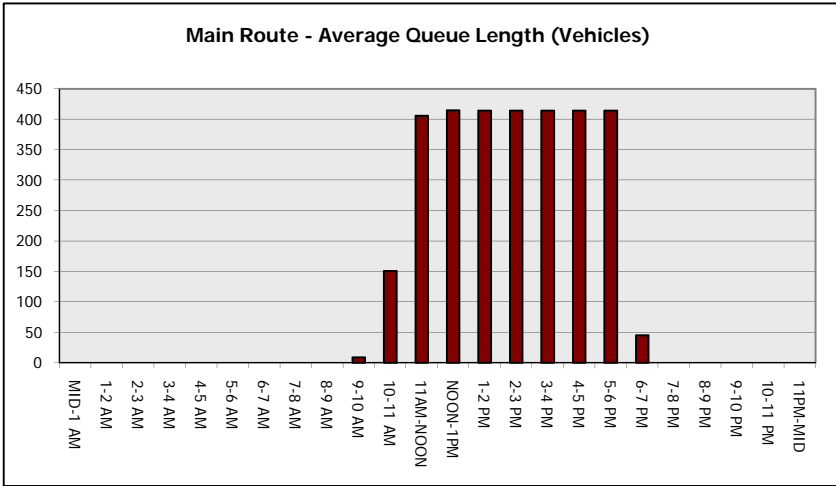
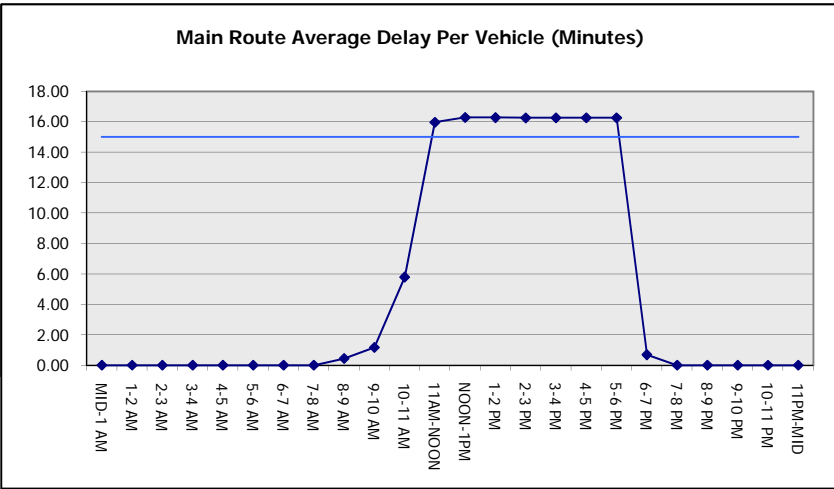
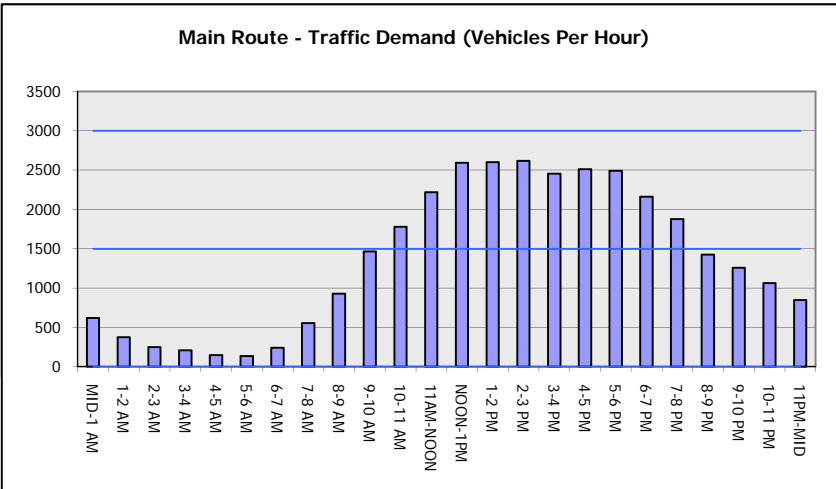
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0146
MAIN ROUTE WITH WORKS	0.0106
'DIVERSION'	0.0071
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$81,267
CONGESTED HOURS PER DAY*	7

*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
SATURDAY WESTBOUND DIRECTION



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

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	822	0.0	OFF	822	0	0.00	0	60.2	60.2	60.2
1-2 AM	446	0.0	OFF	446	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	203	0.0	OFF	203	0	0.00	0	60.2	60.2	60.2
4-5 AM	130	0.0	OFF	130	0	0.00	0	60.2	60.2	60.2
5-6 AM	133	0.0	OFF	133	0	0.00	0	60.2	60.2	60.2
6-7 AM	220	0.0	OFF	220	0	0.00	0	60.2	60.2	60.2
7-8 AM	532	0.0	OFF	532	0	0.00	0	60.2	60.2	60.2
8-9 AM	934	0.0	1500	934	0	0.44	0	60.2	52.0	41.9
9-10 AM	1257	0.0	1499	1257	0	0.64	0	60.2	48.9	36.9
10-11 AM	1724	0.0	1499	1724	0	3.62	88	60.2	26.2	30.8
11AM-NOON	2005	0.0	1500	1717	288	14.57+	373	60.2	10.5	30.8
NOON-1PM	2268	0.0	1499	1498	770	16.25+	413	60.2	9.9	30.8
1-2 PM	2408	0.0	1499	1498	910	16.25+	414	60.2	9.9	30.8
2-3 PM	2433	0.0	1499	1498	935	16.26+	414	60.2	9.9	30.8
3-4 PM	2399	0.0	1499	1498	901	16.25+	414	60.2	9.9	30.8
4-5 PM	2318	0.0	1499	1498	819	16.25+	413	60.2	9.9	30.8
5-6 PM	2255	0.0	1499	1498	757	16.25+	413	60.2	9.9	30.8
6-7 PM	2081	0.0	OFF	2081	0	0.72	48	60.2	47.8	47.8
7-8 PM	1841	0.0	OFF	1841	0	0.00	0	60.2	60.2	60.2
8-9 PM	1516	0.0	OFF	1516	0	0.00	0	60.2	60.2	60.2
9-10 PM	1463	0.0	OFF	1463	0	0.00	0	60.2	60.2	60.2
10-11 PM	1290	0.0	OFF	1290	0	0.00	0	60.2	60.2	60.2
11PM-MID	911	0.0	OFF	911	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	0.0142
MAIN ROUTE WITH WORKS	0.0108
'DIVERSION'	0.0056

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$72,930
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
SATURDAY EASTBOUND DIRECTION

