

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

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	566	0.0	1500	566	0	0.40	0	60.2	52.7	43.3
1-2 AM	336	0.0	1500	336	0	0.37	0	60.2	53.2	44.2
2-3 AM	221	0.0	1500	221	0	0.36	0	60.2	53.4	44.6
3-4 AM	212	0.0	1500	212	0	0.35	0	60.2	53.5	44.6
4-5 AM	116	0.0	1500	116	0	0.34	0	60.2	53.7	45.0
5-6 AM	96	0.0	1500	96	0	0.34	0	60.2	53.7	45.1
6-7 AM	144	0.0	1500	144	0	0.35	0	60.2	53.6	44.9
7-8 AM	260	0.0	1500	260	0	0.36	0	60.2	53.3	44.5
8-9 AM	541	0.0	1500	541	0	0.40	0	60.2	52.8	43.3
9-10 AM	850	0.0	OFF	850	0	0.00	0	60.2	60.2	60.2
10-11 AM	1202	0.0	OFF	1202	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1734	0.0	OFF	1734	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1944	0.0	OFF	1944	0	0.00	0	60.2	60.2	60.2
1-2 PM	2222	0.0	OFF	2222	0	0.00	0	60.2	60.2	60.2
2-3 PM	1995	0.0	OFF	1995	0	0.00	0	60.2	60.2	60.2
3-4 PM	2026	0.0	OFF	2026	0	0.00	0	60.2	60.2	60.2
4-5 PM	2160	0.0	OFF	2160	0	0.00	0	60.2	60.2	60.2
5-6 PM	1958	0.0	OFF	1958	0	0.00	0	60.2	60.2	60.2
6-7 PM	1734	0.0	OFF	1734	0	0.00	0	60.2	60.2	60.2
7-8 PM	1470	0.0	1499	1470	0	1.19	8	60.2	42.2	31.9
8-9 PM	1131	0.0	1500	1131	0	0.48	0	60.2	51.4	40.8
9-10 PM	938	0.0	1500	938	0	0.44	0	60.2	52.0	41.9
10-11 PM	676	0.0	1500	676	0	0.41	0	60.2	52.5	42.8
11PM-MID	497	0.0	1500	497	0	0.39	0	60.2	52.8	43.5

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

----- 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	0.0112
MAIN ROUTE WITH WORKS	0.0107
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,029
CONGESTED HOURS PER DAY*	0

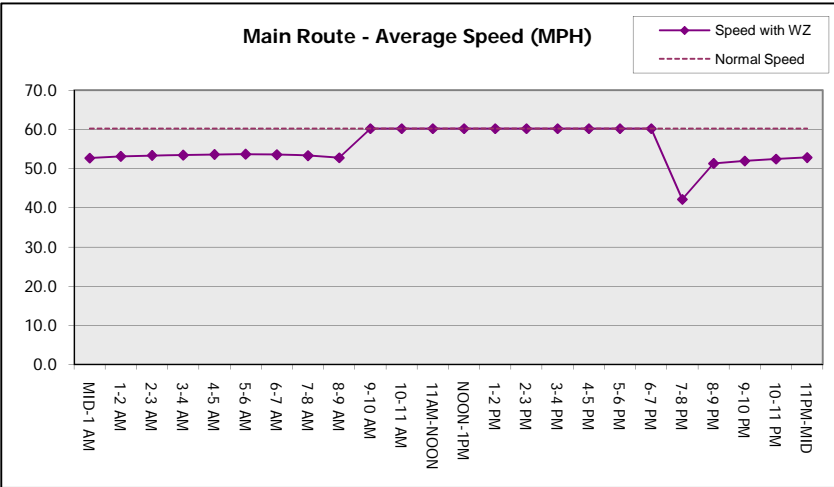
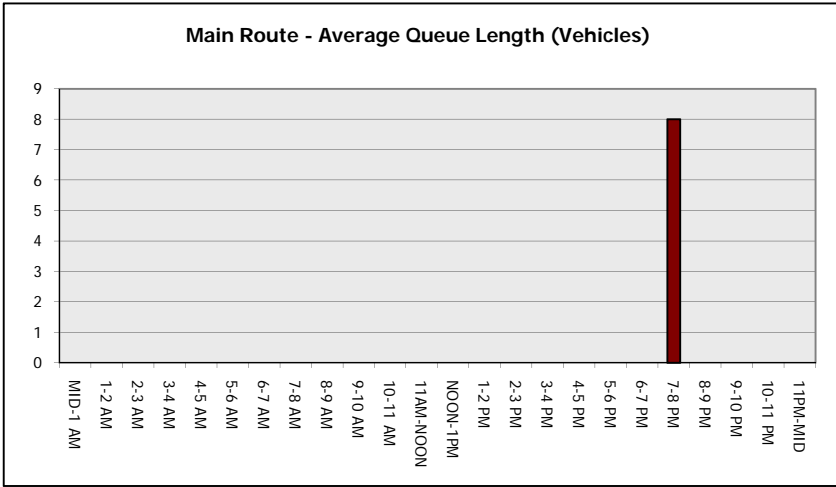
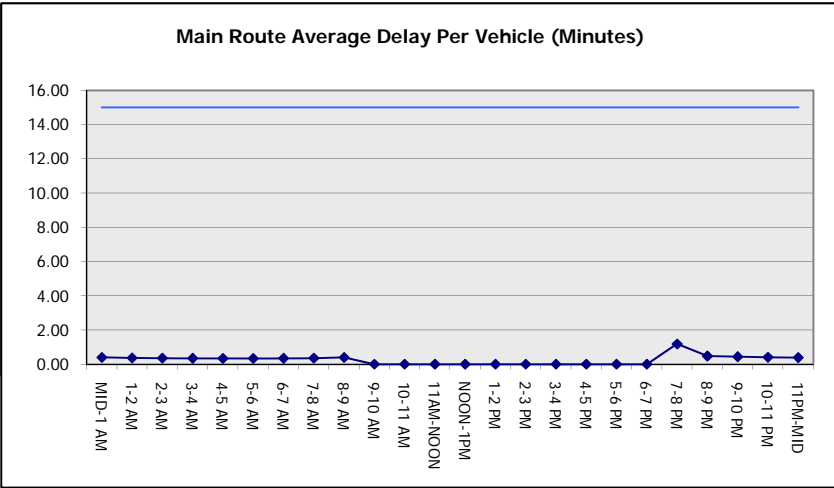
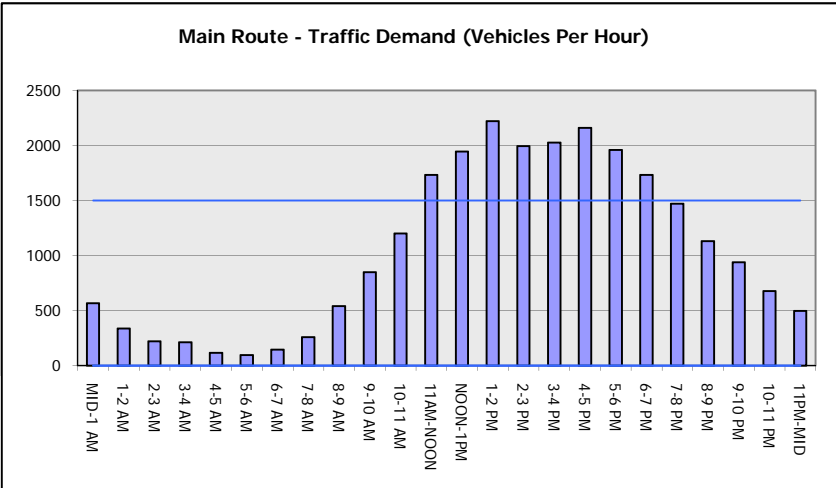
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY 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

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	670	0.0	1500	670	0	0.41	0	60.2	52.5	42.8
1-2 AM	418	0.0	1500	418	0	0.38	0	60.2	53.0	43.8
2-3 AM	236	0.0	1500	236	0	0.36	0	60.2	53.4	44.5
3-4 AM	168	0.0	1500	168	0	0.35	0	60.2	53.5	44.8
4-5 AM	111	0.0	1500	111	0	0.34	0	60.2	53.7	45.0
5-6 AM	84	0.0	1500	84	0	0.34	0	60.2	53.7	45.1
6-7 AM	161	0.0	1500	161	0	0.35	0	60.2	53.5	44.8
7-8 AM	373	0.0	1500	373	0	0.37	0	60.2	53.1	44.0
8-9 AM	498	0.0	1500	498	0	0.39	0	60.2	52.8	43.5
9-10 AM	831	0.0	OFF	831	0	0.00	0	60.2	60.2	60.2
10-11 AM	1266	0.0	OFF	1266	0	0.00	0	60.2	60.2	60.2
11AM-NOON	1688	0.0	OFF	1688	0	0.00	0	60.2	60.2	60.2
NOON-1PM	1918	0.0	OFF	1918	0	0.00	0	60.2	60.2	60.2
1-2 PM	2233	0.0	OFF	2233	0	0.00	0	60.2	60.2	60.2
2-3 PM	2178	0.0	OFF	2178	0	0.00	0	60.2	60.2	60.2
3-4 PM	2127	0.0	OFF	2127	0	0.00	0	60.2	60.2	60.2
4-5 PM	2250	0.0	OFF	2250	0	0.00	0	60.2	60.2	60.2
5-6 PM	2037	0.0	OFF	2037	0	0.00	0	60.2	60.2	60.2
6-7 PM	1872	0.0	OFF	1872	0	0.00	0	60.2	60.2	60.2
7-8 PM	1518	0.0	1499	1518	0	2.01	28	60.2	35.0	30.9
8-9 PM	1247	0.0	1500	1247	0	0.66	0	60.2	48.6	37.0
9-10 PM	1071	0.0	1500	1071	0	0.46	0	60.2	51.7	41.4
10-11 PM	790	0.0	1500	790	0	0.43	0	60.2	52.3	42.4
11PM-MID	545	0.0	1500	545	0	0.40	0	60.2	52.8	43.3

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

----- 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	0.0117
MAIN ROUTE WITH WORKS	0.0112
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,490
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

