

USH 12/14: GAMMON RD TO VERONA RD (DANE) CONTINUOUS (24 HOUR) 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	1500	213	0	0.35	0	60.2	53.5	44.6	
6-7 AM	628	0.0	1500	628	0	0.41	0	60.2	52.6	43.0	
7-8 AM	1993	0.0	1499	1993	0	4.99	167	60.2	21.8	30.8	
8-9 AM	3162	0.0	1499	1469	1693	16.11+	419	54.1	9.8	30.8	
9-10 AM	2581	0.0	1499	1485	1097	16.32+	416	60.1	9.8	30.8	
10-11 AM	1978	0.0	1499	1497	481	16.23+	413	60.2	9.9	30.8	
11AM-NOON	1957	0.0	1499	1497	459	16.23+	413	60.2	9.9	30.8	
NOON-1PM	2201	0.0	1499	1498	703	16.24+	413	60.2	9.9	30.8	
1-2 PM	2438	0.0	1499	1498	940	16.26+	414	60.2	9.9	30.8	
2-3 PM	2356	0.0	1499	1498	858	16.25+	414	60.2	9.9	30.8	
3-4 PM	2409	0.0	1499	1498	911	16.25+	414	60.2	9.9	30.8	
4-5 PM	2661	0.0	1499	1492	1169	16.26+	415	59.2	9.9	30.8	
5-6 PM	3186	0.0	1499	1499	1688	16.18+	422	53.8	9.7	30.8	
6-7 PM	3151	0.0	1500	1499	1652	16.18+	421	54.2	9.8	30.8	
7-8 PM	2255	0.0	1500	1499	756	16.25+	413	60.2	9.9	30.8	
8-9 PM	1638	0.0	1500	1487	150	16.17+	411	60.2	9.9	30.8	
9-10 PM	1333	0.0	1499	1333	0	13.62+	346	60.2	10.8	30.8	
10-11 PM	972	0.0	1499	972	0	1.83	66	60.2	36.4	39.4	
11PM-MID	620	0.0	1500	620	0	0.40	0	60.2	52.6	43.0	

+ 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

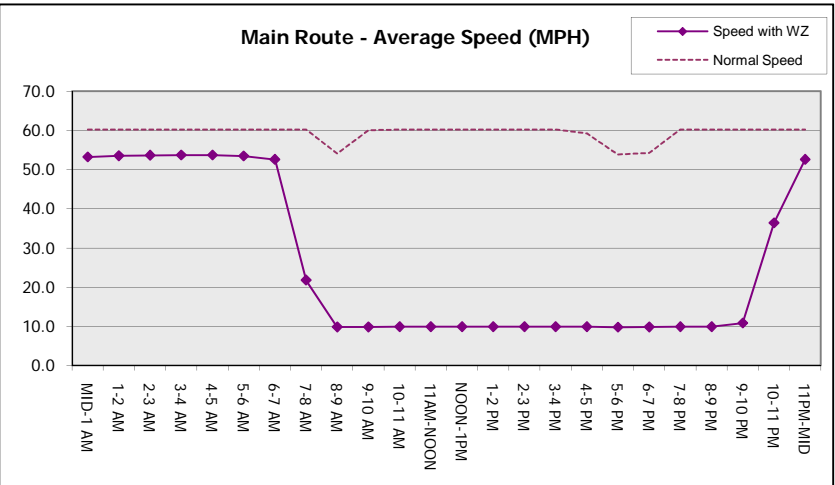
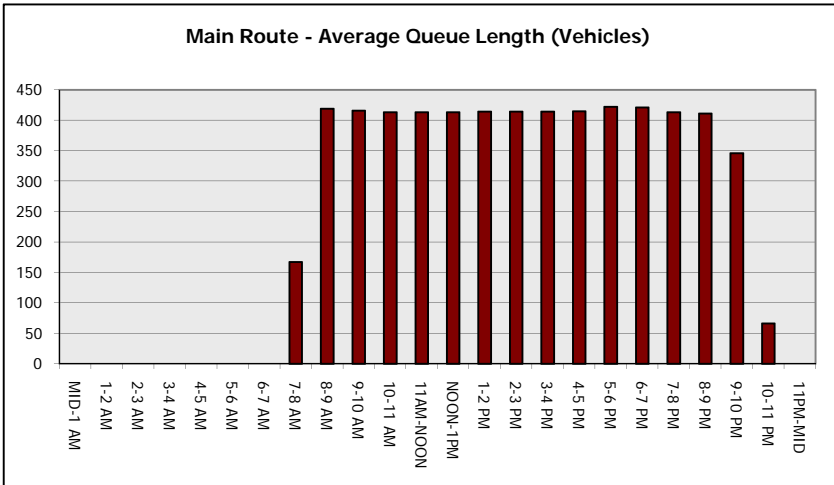
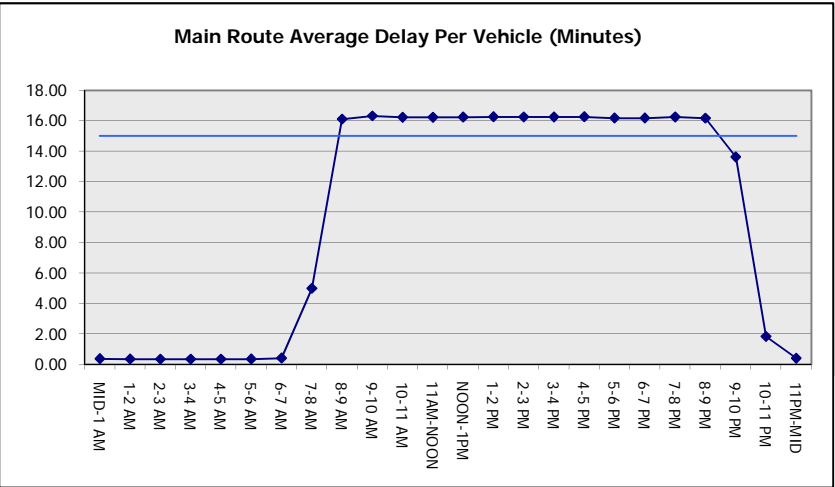
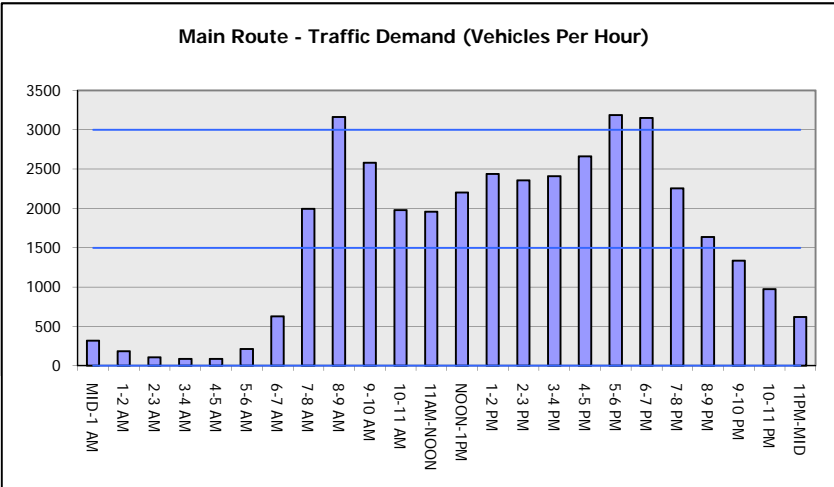
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0172
MAIN ROUTE WITH WORKS	0.0099
'DIVERSION'	0.0130
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$123,601
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

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



USH 12/14: GAMMON RD TO VERONA RD (DANE) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	53.5	44.7
5-6 AM	185	0.0	1500	185	0	0.35	0	60.2	52.5	42.9
6-7 AM	661	0.0	1500	661	0	0.41	0	60.2	30.7	30.8
7-8 AM	1796	0.0	1499	1796	0	2.67	76	60.2	9.9	32.7
8-9 AM	2931	0.0	1499	1537	1394	16.10+	418	56.4	9.9	31.0
9-10 AM	2392	0.0	1500	1521	871	16.32+	416	60.2	9.9	30.8
10-11 AM	1868	0.0	1500	1524	344	16.14+	410	60.2	9.9	30.8
11AM-NOON	1908	0.0	1500	1503	405	16.23+	413	60.2	9.9	30.8
NOON-1PM	2302	0.0	1500	1503	799	16.25+	413	60.2	9.9	30.8
1-2 PM	2436	0.0	1500	1505	931	16.27+	414	60.2	9.9	30.8
2-3 PM	2395	0.0	1500	1502	893	16.25+	414	60.2	9.9	30.8
3-4 PM	2582	0.0	1500	1509	1074	16.28+	415	60.1	9.9	30.8
4-5 PM	2983	0.0	1500	1513	1470	16.21+	419	56.0	9.8	30.8
5-6 PM	3378	0.0	1499	1500	1878	16.05+	422	51.9	9.7	30.8
6-7 PM	3096	0.0	1500	1503	1593	16.19+	420	54.8	9.8	30.8
7-8 PM	2180	0.0	1500	1500	680	16.24+	413	60.2	9.9	30.8
8-9 PM	1687	0.0	1500	1500	187	16.22+	413	60.2	9.9	30.8
9-10 PM	1495	0.0	1500	1465	30	15.92+	405	60.2	9.9	30.8
10-11 PM	1164	0.0	1499	1164	0	8.37	235	60.2	15.3	33.5
11PM-MID	735	0.0	1500	735	0	0.46	1	60.2	51.7	42.6

+ 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	0.0175
MAIN ROUTE WITH WORKS	0.0101
'DIVERSION'	0.0130

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$126,024
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

