

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

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	1499	976	0	0.45	0	60.2	51.9	41.8	
9-10 AM	1429	0.0	1499	1429	0	0.98	3	60.2	44.5	32.8	
10-11 AM	1795	0.0	1500	1795	0	5.23	139	60.2	20.9	30.8	
11AM-NOON	2183	0.0	1499	1582	601	15.93+	405	60.2	9.9	30.8	
NOON-1PM	2357	0.0	1500	1502	856	16.25+	414	60.2	9.9	30.8	
1-2 PM	2353	0.0	1500	1502	852	16.25+	414	60.2	9.9	30.8	
2-3 PM	2260	0.0	1500	1502	759	16.25+	413	60.2	9.9	30.8	
3-4 PM	2157	0.0	1500	1501	655	16.24+	413	60.2	9.9	30.8	
4-5 PM	2241	0.0	1500	1501	740	16.25+	413	60.2	9.9	30.8	
5-6 PM	2274	0.0	1500	1501	773	16.25+	413	60.2	9.9	30.8	
6-7 PM	2016	0.0	1500	1501	515	16.23+	413	60.2	9.9	30.8	
7-8 PM	1792	0.0	1500	1501	291	16.22+	413	60.2	9.9	30.8	
8-9 PM	1385	0.0	1500	1385	0	14.33+	363	60.2	10.5	30.8	
9-10 PM	1213	0.0	1499	1213	0	5.59	156	60.2	20.1	33.1	
10-11 PM	1015	0.0	1500	1015	0	0.45	0	60.2	51.8	41.6	
11PM-MID	765	0.0	1500	765	0	0.42	0	60.2	52.3	42.5	

+ 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

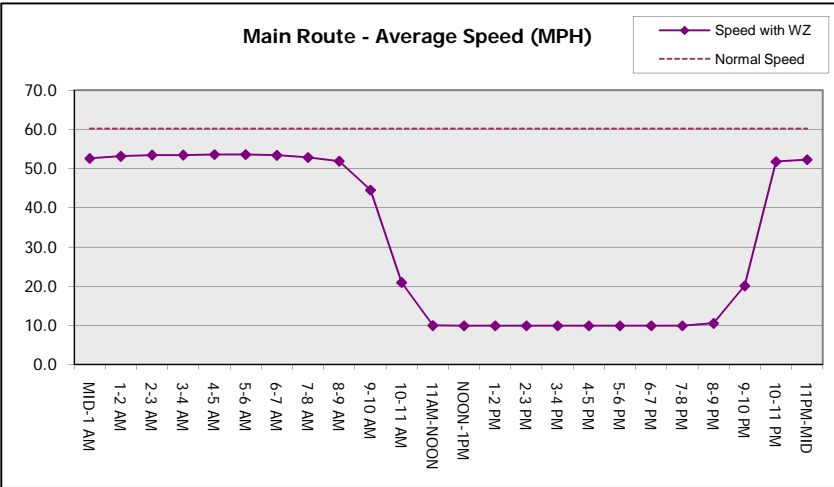
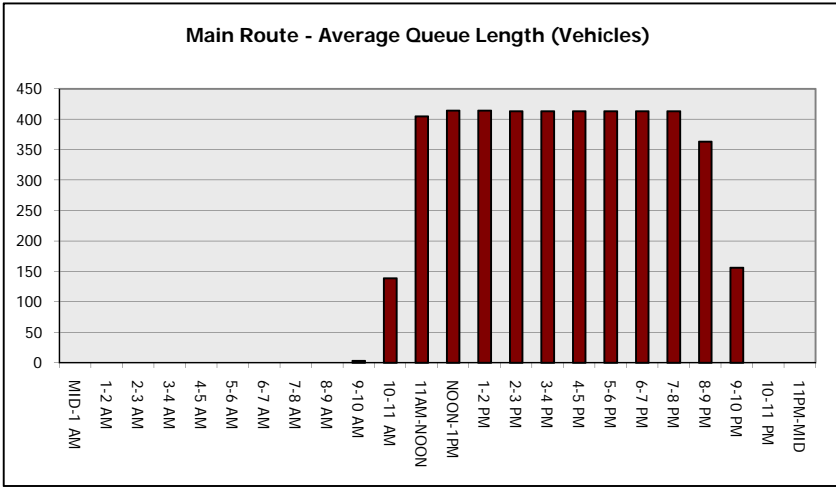
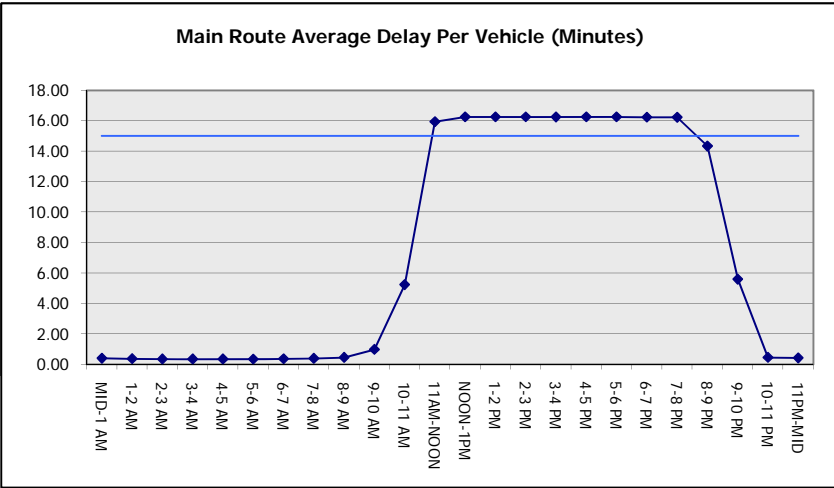
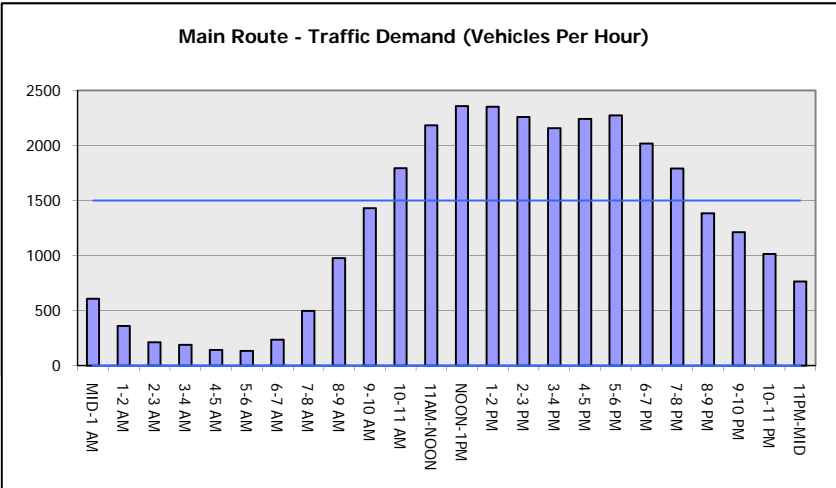
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0136
MAIN ROUTE WITH WORKS	0.0093
'DIVERSION'	0.0062
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$99,561
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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

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	1500	938	0	0.44	0	60.2	52.0	41.9
9-10 AM	1366	0.0	1499	1366	0	0.79	0	60.2	46.9	34.0
10-11 AM	1694	0.0	1499	1694	0	3.31	77	60.2	27.6	30.8
11AM-NOON	2007	0.0	1500	1720	287	13.92+	358	60.2	10.8	30.8
NOON-1PM	2229	0.0	1500	1500	729	16.25+	413	60.2	9.9	30.8
1-2 PM	2320	0.0	1500	1500	820	16.25+	413	60.2	9.9	30.8
2-3 PM	2305	0.0	1500	1500	805	16.25+	413	60.2	9.9	30.8
3-4 PM	2283	0.0	1500	1500	783	16.25+	413	60.2	9.9	30.8
4-5 PM	2159	0.0	1500	1500	659	16.24+	413	60.2	9.9	30.8
5-6 PM	2109	0.0	1500	1500	610	16.24+	413	60.2	9.9	30.8
6-7 PM	1977	0.0	1500	1500	477	16.23+	413	60.2	9.9	30.8
7-8 PM	1738	0.0	1500	1500	238	16.22+	413	60.2	9.9	30.8
8-9 PM	1481	0.0	1500	1464	17	15.89+	404	60.2	10.0	30.8
9-10 PM	1313	0.0	1499	1313	0	11.59+	293	60.2	12.0	30.8
10-11 PM	1171	0.0	1499	1171	0	2.04	63	60.2	34.8	37.0
11PM-MID	923	0.0	1500	923	0	0.44	0	60.2	52.0	42.0

+ 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	0.0136
MAIN ROUTE WITH WORKS	0.0095
'DIVERSION'	0.0056

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$98,967
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

