

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

FRIDAY 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	423	0.0	1500	423	0	0.38	0	60.2	53.0	43.8	
1-2 AM	226	0.0	1500	226	0	0.36	0	60.2	53.4	44.6	
2-3 AM	139	0.0	1500	139	0	0.35	0	60.2	53.6	44.9	
3-4 AM	120	0.0	1500	120	0	0.34	0	60.2	53.7	45.0	
4-5 AM	100	0.0	1500	100	0	0.34	0	60.2	53.7	45.1	
5-6 AM	225	0.0	1500	225	0	0.36	0	60.2	53.4	44.6	
6-7 AM	642	0.0	1500	642	0	0.41	0	60.2	52.5	43.0	
7-8 AM	2086	0.0	1499	2086	0	5.87+	203	60.2	20.0	30.8	
8-9 AM	3510	0.0	1500	1380	2129	15.57+	416	50.5	9.9	33.2	
9-10 AM	2808	0.0	1499	1475	1333	16.26+	417	57.8	9.8	30.8	
10-11 AM	2280	0.0	1499	1498	782	16.25+	413	60.2	9.9	30.8	
11AM-NOON	2251	0.0	1499	1498	753	16.25+	413	60.2	9.9	30.8	
NOON-1PM	2507	0.0	1499	1495	1012	16.28+	414	60.2	9.9	30.8	
1-2 PM	2895	0.0	1499	1491	1404	16.23+	418	56.8	9.8	30.8	
2-3 PM	2680	0.0	1500	1495	1185	16.24+	415	59.1	9.9	30.8	
3-4 PM	2841	0.0	1499	1500	1341	16.23+	417	57.4	9.8	30.8	
4-5 PM	3094	0.0	1499	1501	1593	16.21+	421	54.8	9.8	30.8	
5-6 PM	3438	0.0	1500	1500	1938	16.01+	422	51.3	9.7	30.8	
6-7 PM	3150	0.0	1500	1501	1649	16.18+	421	54.2	9.8	30.8	
7-8 PM	2465	0.0	1500	1499	967	16.26+	414	60.2	9.9	30.8	
8-9 PM	1924	0.0	1500	1500	425	16.23+	413	60.2	9.9	30.8	
9-10 PM	1526	0.0	1500	1466	59	15.99+	407	60.2	9.9	30.8	
10-11 PM	1181	0.0	1499	1181	0	8.96	245	60.2	14.5	32.9	
11PM-MID	867	0.0	1500	867	0	0.54	4	60.2	50.4	42.1	

+ 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

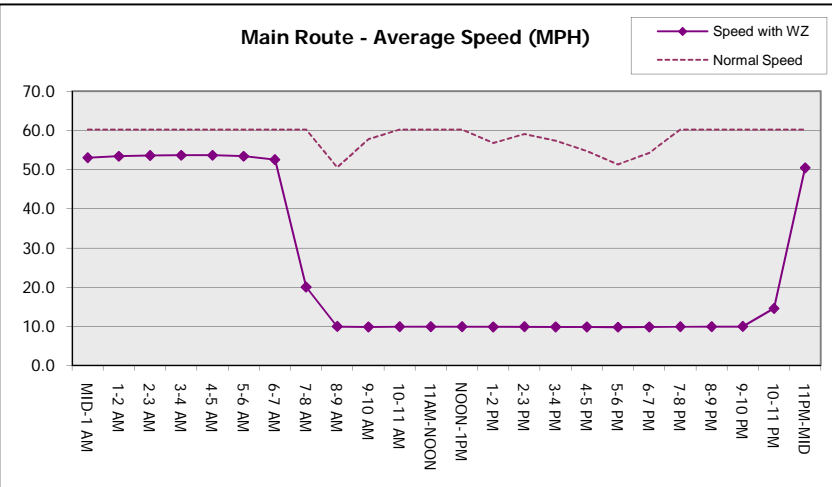
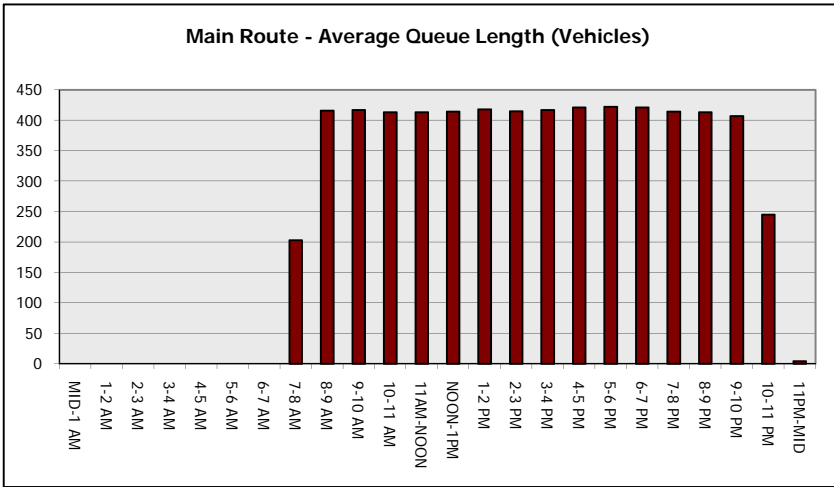
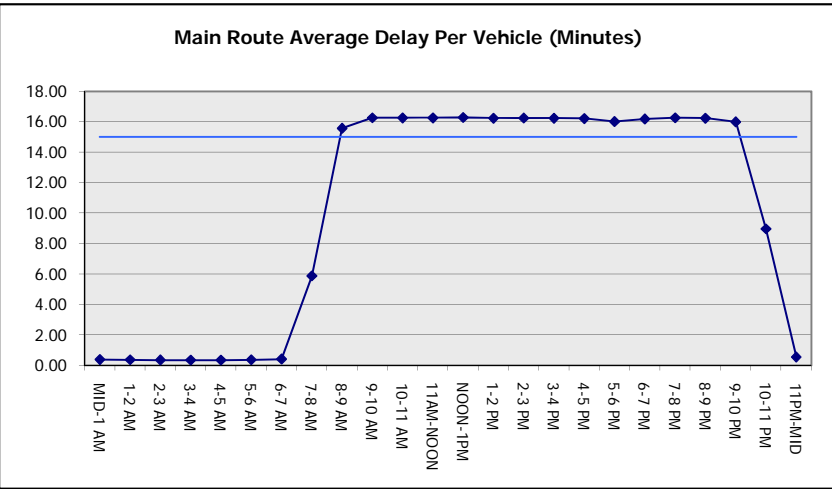
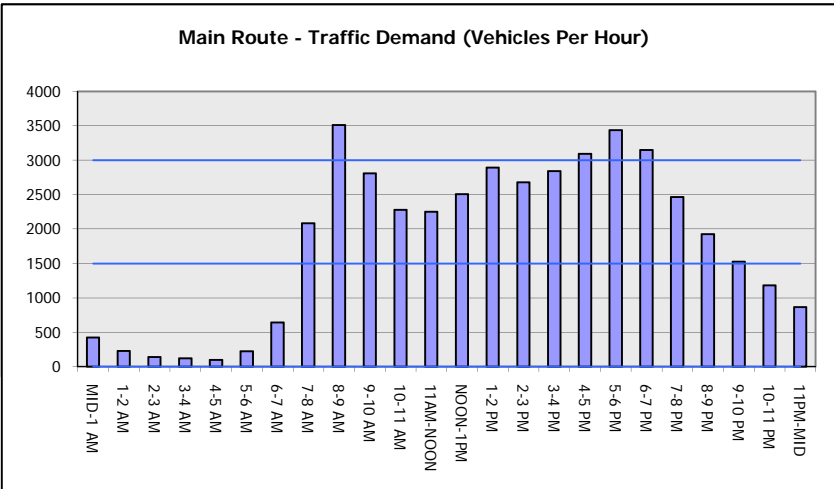
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0193
MAIN ROUTE WITH WORKS	0.0102
'DIVERSION'	0.0171
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$144,525
CONGESTED HOURS PER DAY*	15

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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

FRIDAY 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	589	0.0	1500	589	0	0.40	0	60.2	52.7	43.2
1-2 AM	304	0.0	1500	304	0	0.37	0	60.2	53.2	44.3
2-3 AM	178	0.0	1500	178	0	0.35	0	60.2	53.5	44.8
3-4 AM	168	0.0	1500	168	0	0.35	0	60.2	53.5	44.8
4-5 AM	129	0.0	1500	129	0	0.34	0	60.2	53.6	45.0
5-6 AM	203	0.0	1500	203	0	0.35	0	60.2	53.5	44.6
6-7 AM	648	0.0	1500	648	0	0.41	0	60.2	52.5	43.0
7-8 AM	1798	0.0	1499	1798	0	2.66	76	60.2	30.9	30.8
8-9 AM	2949	0.0	1499	1537	1412	16.10+	418	56.3	9.9	32.6
9-10 AM	2517	0.0	1500	1526	990	16.36+	416	60.2	9.8	30.9
10-11 AM	2044	0.0	1500	1504	539	16.24+	413	60.2	9.9	30.8
11AM-NOON	2123	0.0	1500	1504	619	16.24+	413	60.2	9.9	30.8
NOON-1PM	2560	0.0	1500	1516	1044	16.32+	415	60.2	9.9	30.8
1-2 PM	2762	0.0	1500	1518	1244	16.24+	416	58.2	9.8	30.8
2-3 PM	2730	0.0	1500	1508	1222	16.23+	415	58.6	9.9	30.8
3-4 PM	2819	0.0	1500	1504	1315	16.23+	417	57.6	9.8	30.8
4-5 PM	3105	0.0	1499	1504	1601	16.21+	421	54.7	9.8	30.8
5-6 PM	3133	0.0	1500	1501	1632	16.20+	422	54.4	9.7	30.8
6-7 PM	2739	0.0	1500	1498	1241	16.24+	416	58.4	9.8	30.8
7-8 PM	2205	0.0	1500	1500	705	16.24+	413	60.2	9.9	30.8
8-9 PM	1813	0.0	1500	1500	314	16.22+	413	60.2	9.9	30.8
9-10 PM	1660	0.0	1499	1500	160	16.22+	413	60.2	9.9	30.8
10-11 PM	1390	0.0	1499	1389	0	15.02+	382	60.2	10.2	30.8
11PM-MID	1006	0.0	1499	1006	0	2.78	113	60.2	30.2	37.9

+ 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	0.0185
MAIN ROUTE WITH WORKS	0.0105
'DIVERSION'	0.0145

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$138,257
CONGESTED HOURS PER DAY*	15

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

