

USH 12/14: GAMMON RD TO VERONA RD (DANE) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	350	0.0	1500	350	0	0.37	0	60.2	53.2	44.1	
1-2 AM	199	0.0	1500	199	0	0.35	0	60.2	53.5	44.7	
2-3 AM	129	0.0	1500	129	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	89	0.0	1500	89	0	0.34	0	60.2	53.7	45.1	
5-6 AM	216	0.0	1500	216	0	0.36	0	60.2	53.4	44.6	
6-7 AM	695	0.0	1500	695	0	0.41	0	60.2	52.5	42.8	
7-8 AM	2229	0.0	1499	2057	172	6.81+	224	60.2	18.2	30.8	
8-9 AM	4085	0.0	1500	1467	2618	15.23+	420	44.6	9.9	33.1	
9-10 AM	3191	0.0	1499	1464	1726	16.06+	419	53.8	9.8	31.2	
10-11 AM	2313	0.0	1499	1487	825	16.29+	415	60.2	9.9	30.8	
11AM-NOON	2281	0.0	1499	1493	788	16.26+	414	60.2	9.9	30.8	
NOON-1PM	2578	0.0	1499	1482	1096	16.33+	416	60.1	9.8	30.8	
1-2 PM	2838	0.0	1499	1480	1358	16.25+	418	57.4	9.8	30.8	
2-3 PM	2775	0.0	1499	1492	1284	16.24+	416	58.1	9.8	30.8	
3-4 PM	2905	0.0	1499	1498	1407	16.23+	418	56.8	9.8	30.8	
4-5 PM	3221	0.0	1499	1501	1720	16.15+	422	53.5	9.7	30.8	
5-6 PM	3933	0.0	1500	1500	2433	15.59+	422	46.2	9.7	30.8	
6-7 PM	3927	0.0	1500	1500	2427	15.60+	422	46.3	9.7	30.8	
7-8 PM	2634	0.0	1500	1499	1135	16.30+	416	59.5	9.8	30.8	
8-9 PM	1823	0.0	1500	1499	323	16.23+	413	60.2	9.9	30.8	
9-10 PM	1482	0.0	1500	1444	38	15.79+	401	60.2	10.0	30.8	
10-11 PM	1070	0.0	1499	1070	0	4.82	177	60.2	22.2	36.1	
11PM-MID	655	0.0	1500	655	0	0.41	0	60.2	52.5	42.9	

+ 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

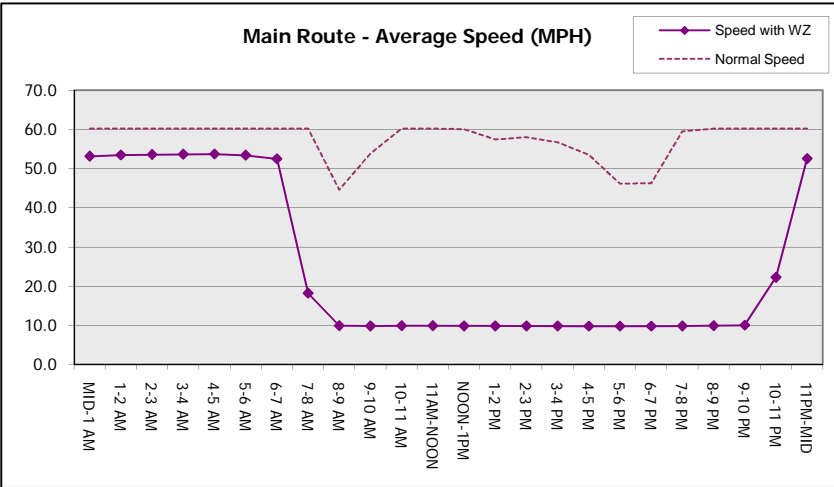
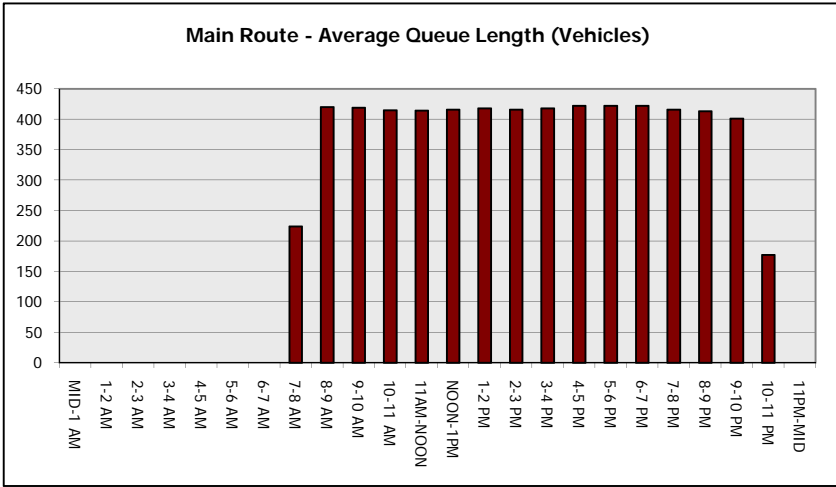
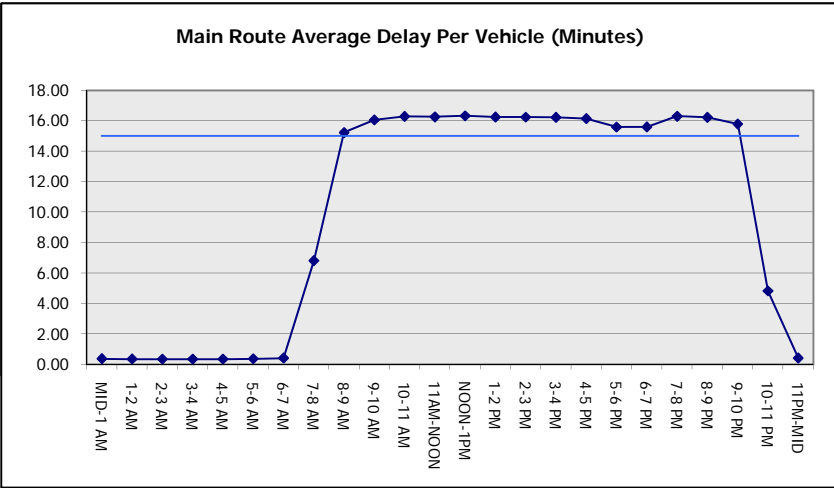
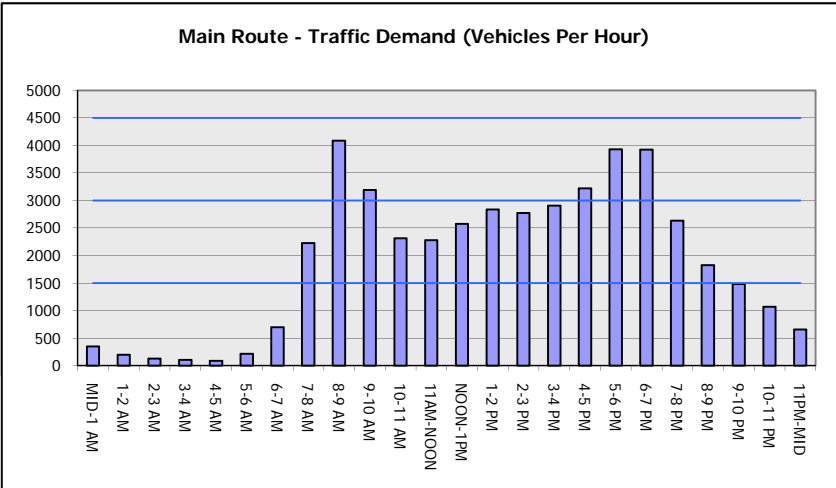
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0204
MAIN ROUTE WITH WORKS	0.0100
'DIVERSION'	0.0200
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$148,888
CONGESTED HOURS PER DAY*	15

*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)	AUGUST
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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	512	0.0	1500	512	0	0.39	0	60.2	52.8	43.5	
1-2 AM	246	0.0	1500	246	0	0.36	0	60.2	53.3	44.5	
2-3 AM	158	0.0	1500	158	0	0.35	0	60.2	53.5	44.8	
3-4 AM	97	0.0	1500	97	0	0.34	0	60.2	53.7	45.1	
4-5 AM	106	0.0	1500	106	0	0.34	0	60.2	53.5	44.7	
5-6 AM	197	0.0	1500	197	0	0.35	0	60.2	52.4	42.7	
6-7 AM	707	0.0	1500	707	0	0.42	0	60.2	26.1	30.8	
7-8 AM	1907	0.0	1499	1907	0	3.63	120	60.2	9.7	30.8	
8-9 AM	3366	0.0	1499	1501	1866	16.06+	422	52.0	9.8	30.8	
9-10 AM	2882	0.0	1500	1507	1375	16.22+	418	57.0	9.9	30.8	
10-11 AM	2141	0.0	1500	1500	641	16.24+	413	60.2	9.9	30.8	
11AM-NOON	2187	0.0	1500	1500	687	16.24+	413	60.2	9.9	30.8	
NOON-1PM	2619	0.0	1499	1501	1119	16.25+	414	59.7	9.9	30.8	
1-2 PM	2823	0.0	1499	1502	1321	16.23+	417	57.6	9.8	30.8	
2-3 PM	2718	0.0	1500	1500	1218	16.23+	415	58.7	9.9	30.8	
3-4 PM	2885	0.0	1499	1502	1383	16.23+	418	56.9	9.8	30.8	
4-5 PM	3422	0.0	1499	1500	1922	16.02+	422	51.4	9.7	30.8	
5-6 PM	4062	0.0	1500	1500	2562	15.47+	422	44.9	9.7	30.8	
6-7 PM	3626	0.0	1500	1500	2126	15.86+	422	49.4	9.7	30.8	
7-8 PM	2441	0.0	1500	1499	942	16.27+	414	60.2	9.9	30.8	
8-9 PM	1840	0.0	1500	1500	340	16.23+	413	60.2	9.9	30.8	
9-10 PM	1665	0.0	1499	1500	165	16.22+	413	60.2	9.9	30.8	
10-11 PM	1273	0.0	1499	1273	0	12.79+	329	60.2	11.4	31.1	
11PM-MID	812	0.0	1500	812	0	1.03	30	60.2	44.0	42.2	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0199
MAIN ROUTE WITH WORKS	0.0103
'DIVERSION'	0.0182

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$145,849
CONGESTED HOURS PER DAY*	15

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

