

<b>USH 12/14: GAMMON RD TO VERONA RD (DANE)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	409	0.0	1500	409	0	0.38	0	60.2	53.0	43.8	
1-2 AM	264	0.0	1500	264	0	0.36	0	60.2	53.3	44.4	
2-3 AM	179	0.0	1500	179	0	0.35	0	60.2	53.5	44.8	
3-4 AM	130	0.0	1500	130	0	0.34	0	60.2	53.6	45.0	
4-5 AM	106	0.0	1500	106	0	0.34	0	60.2	53.7	45.1	
5-6 AM	212	0.0	1500	212	0	0.35	0	60.2	53.5	44.6	
6-7 AM	692	0.0	1500	692	0	0.41	0	60.2	52.5	42.8	
7-8 AM	2059	0.0	1499	2059	0	5.20	184	60.2	21.5	30.8	
8-9 AM	3745	0.0	1500	1464	2281	15.53+	420	48.1	9.9	33.2	
9-10 AM	3020	0.0	1499	1464	1556	16.17+	419	55.6	9.8	31.2	
10-11 AM	2380	0.0	1499	1485	894	16.31+	415	60.2	9.9	30.8	
11AM-NOON	2500	0.0	1499	1484	1016	16.32+	415	60.2	9.9	30.8	
NOON-1PM	2851	0.0	1499	1478	1374	16.26+	418	57.3	9.8	30.8	
1-2 PM	3167	0.0	1499	1496	1672	16.18+	422	54.0	9.7	30.8	
2-3 PM	3141	0.0	1499	1496	1645	16.20+	422	54.3	9.7	30.8	
3-4 PM	3380	0.0	1499	1500	1880	16.05+	422	51.9	9.7	30.8	
4-5 PM	3600	0.0	1499	1500	2100	15.88+	422	49.6	9.7	30.8	
5-6 PM	3871	0.0	1499	1500	2371	15.65+	422	46.8	9.7	30.8	
6-7 PM	3637	0.0	1499	1500	2137	15.85+	422	49.2	9.7	30.8	
7-8 PM	2692	0.0	1500	1497	1196	16.27+	416	58.9	9.8	30.8	
8-9 PM	2017	0.0	1500	1499	518	16.23+	413	60.2	9.9	30.8	
9-10 PM	1539	0.0	1500	1471	68	16.10+	409	60.2	9.9	30.8	
10-11 PM	1307	0.0	1499	1307	0	12.40+	315	60.2	11.5	30.8	
11PM-MID	932	0.0	1500	932	0	1.39	44	60.2	40.2	40.6	

+ 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

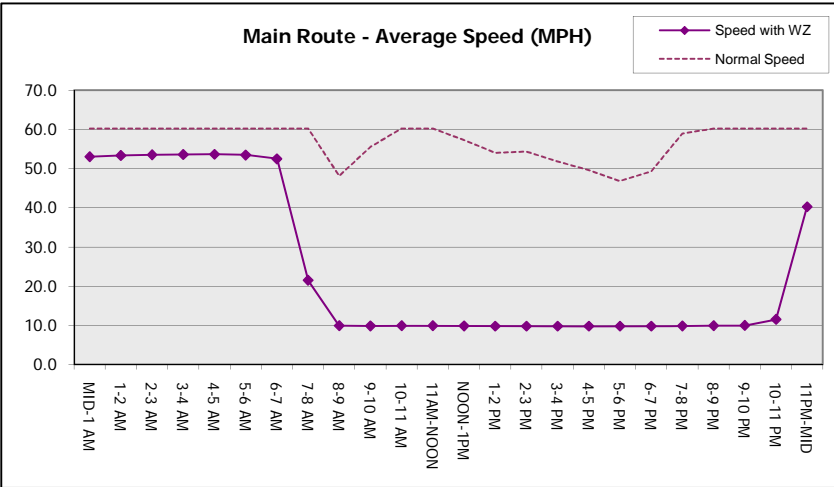
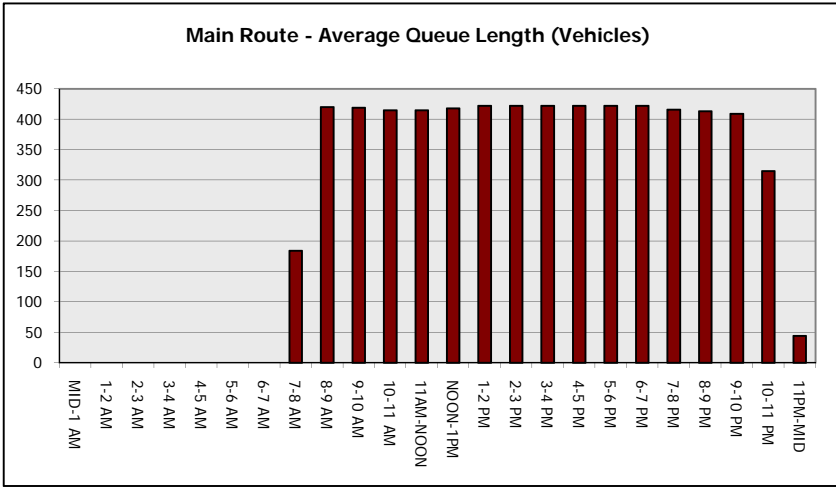
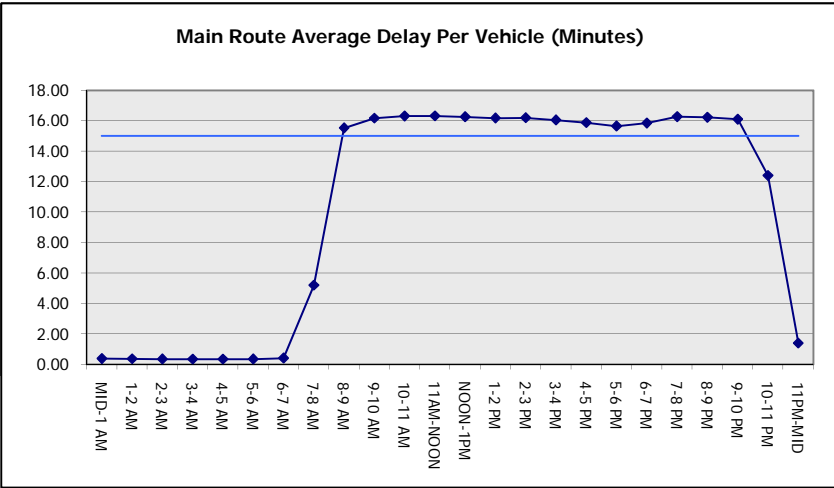
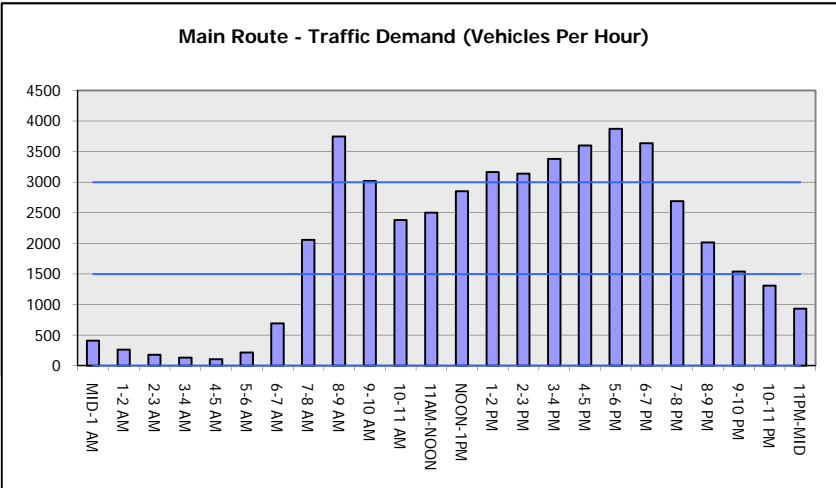
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0213
MAIN ROUTE WITH WORKS	0.0103
'DIVERSION'	0.0214
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$160,294
CONGESTED HOURS PER DAY*	15

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY WESTBOUND DIRECTION**



<b>USH 12/14: GAMMON RD TO VERONA RD (DANE)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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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	721	0.0	1500	721	0	0.42	0	60.2	52.4	42.7	
1-2 AM	318	0.0	1500	318	0	0.37	0	60.2	53.2	44.2	
2-3 AM	193	0.0	1500	193	0	0.35	0	60.2	53.5	44.7	
3-4 AM	129	0.0	1500	129	0	0.34	0	60.2	53.6	45.0	
4-5 AM	127	0.0	1500	127	0	0.34	0	60.2	53.6	45.0	
5-6 AM	194	0.0	1500	194	0	0.35	0	60.2	53.5	44.7	
6-7 AM	650	0.0	1500	650	0	0.41	0	60.2	52.5	42.9	
7-8 AM	1805	0.0	1499	1805	0	2.58	76	60.2	31.3	30.8	
8-9 AM	3102	0.0	1499	1535	1566	16.03+	418	54.7	9.9	32.2	
9-10 AM	2691	0.0	1500	1529	1162	16.31+	417	58.9	9.8	30.8	
10-11 AM	2225	0.0	1500	1504	721	16.24+	413	60.2	9.9	30.8	
11AM-NOON	2362	0.0	1500	1506	855	16.27+	414	60.2	9.9	30.8	
NOON-1PM	2887	0.0	1500	1523	1364	16.23+	418	56.9	9.8	30.8	
1-2 PM	3146	0.0	1500	1508	1638	16.18+	421	54.3	9.8	30.8	
2-3 PM	3083	0.0	1500	1507	1576	16.21+	421	54.9	9.8	30.8	
3-4 PM	3180	0.0	1500	1502	1678	16.18+	422	53.9	9.7	30.8	
4-5 PM	3564	0.0	1500	1500	2064	15.91+	422	50.0	9.7	30.8	
5-6 PM	3636	0.0	1500	1500	2136	15.85+	422	49.2	9.7	30.8	
6-7 PM	3193	0.0	1500	1500	1692	16.15+	421	53.8	9.8	30.8	
7-8 PM	2390	0.0	1500	1499	891	16.25+	414	60.2	9.9	30.8	
8-9 PM	1835	0.0	1500	1499	336	16.23+	413	60.2	9.9	30.8	
9-10 PM	1594	0.0	1499	1497	96	16.21+	412	60.2	9.9	30.8	
10-11 PM	1420	0.0	1499	1416	4	15.35+	390	60.2	10.1	30.8	
11PM-MID	1046	0.0	1499	1046	0	3.55	141	60.2	26.5	37.1	

+ 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	0.0203
MAIN ROUTE WITH WORKS	0.0105
'DIVERSION'	0.0184

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$151,942
CONGESTED HOURS PER DAY*	15

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

