

USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY SOUTHBOUND 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	418	0.0	3000	418	0	0.36	0	70.2	61.8	49.7
1-2 AM	264	0.0	3000	264	0	0.36	0	70.2	61.8	49.7
2-3 AM	279	0.0	3000	279	0	0.36	0	70.2	61.8	49.7
3-4 AM	155	0.0	3000	155	0	0.36	0	70.2	61.8	49.7
4-5 AM	140	0.0	3000	140	0	0.36	0	70.2	61.8	49.7
5-6 AM	224	0.0	3000	224	0	0.36	0	70.2	61.8	49.7
6-7 AM	377	0.0	3000	377	0	0.36	0	70.2	61.8	49.7
7-8 AM	557	0.0	3000	557	0	0.36	0	70.0	61.7	49.7
8-9 AM	932	0.0	3000	932	0	0.35	0	69.6	61.5	49.7
9-10 AM	1373	0.0	3000	1373	0	0.34	0	69.1	61.2	49.7
10-11 AM	1763	0.0	3000	1763	0	0.34	0	68.6	60.9	49.7
11AM-NOON	2118	0.0	3000	2118	0	0.33	0	68.1	60.7	49.7
NOON-1PM	2460	0.0	3000	2460	0	0.38	0	67.7	59.6	47.8
1-2 PM	2438	0.0	3000	2438	0	0.36	0	67.7	59.9	48.4
2-3 PM	2448	0.0	3000	2448	0	0.37	0	67.7	59.7	48.1
3-4 PM	2482	0.0	3000	2482	0	0.39	0	67.6	59.2	47.3
4-5 PM	2475	0.0	3000	2475	0	0.39	0	67.7	59.4	47.4
5-6 PM	2272	0.0	3000	2272	0	0.33	0	67.9	60.6	49.7
6-7 PM	1799	0.0	3000	1799	0	0.34	0	68.5	60.9	49.7
7-8 PM	1482	0.0	3000	1482	0	0.34	0	68.9	61.1	49.7
8-9 PM	1071	0.0	3000	1071	0	0.35	0	69.4	61.4	49.7
9-10 PM	902	0.0	3000	902	0	0.35	0	69.6	61.5	49.7
10-11 PM	607	0.0	3000	607	0	0.36	0	70.0	61.7	49.7
11PM-MID	341	0.0	3000	341	0	0.36	0	70.2	61.8	49.7

----- 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	0.0145
MAIN ROUTE WITH WORKS	0.0126
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,604
CONGESTED HOURS PER DAY*	0

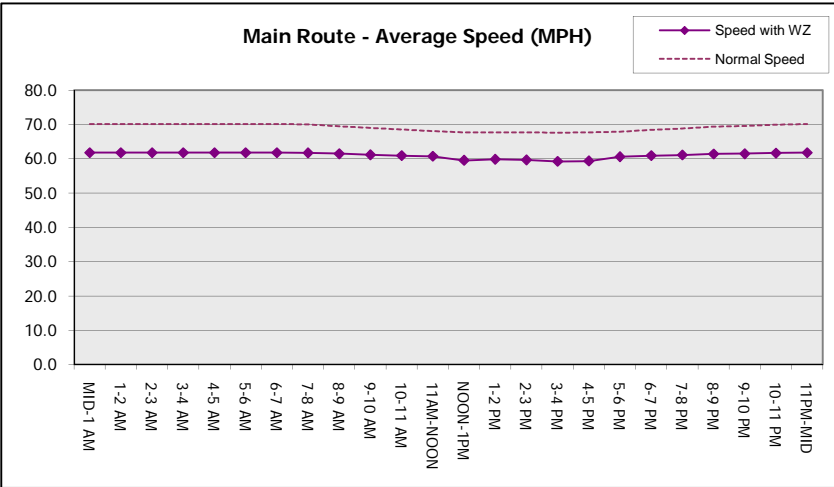
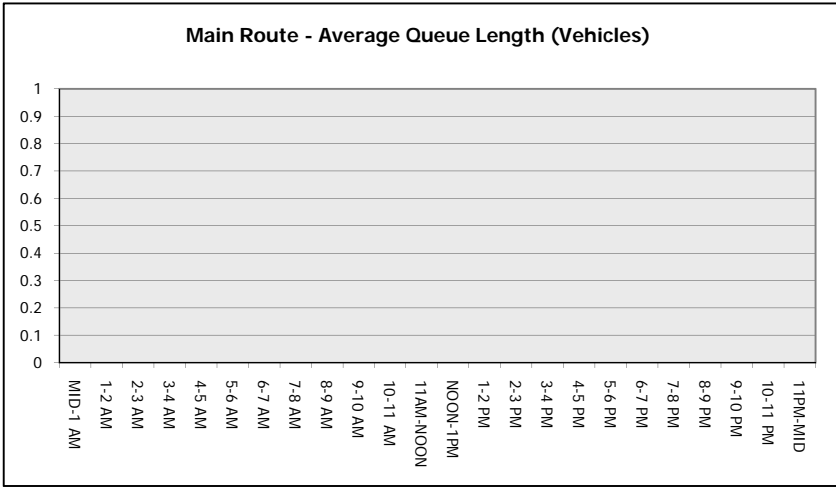
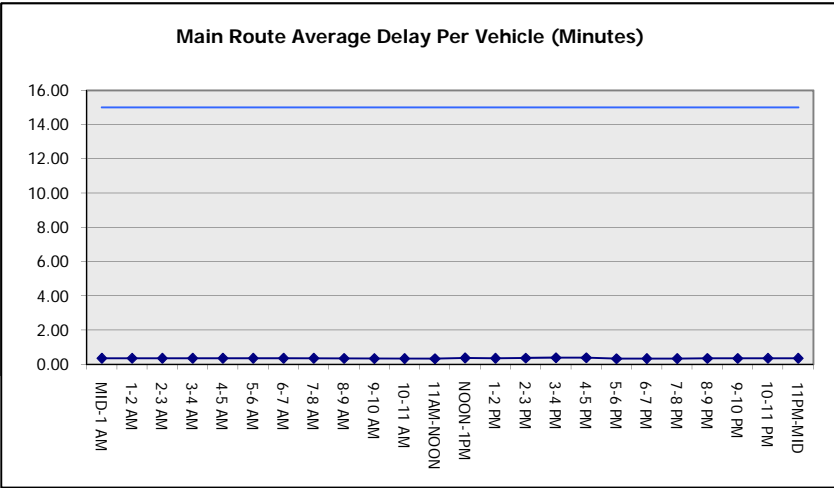
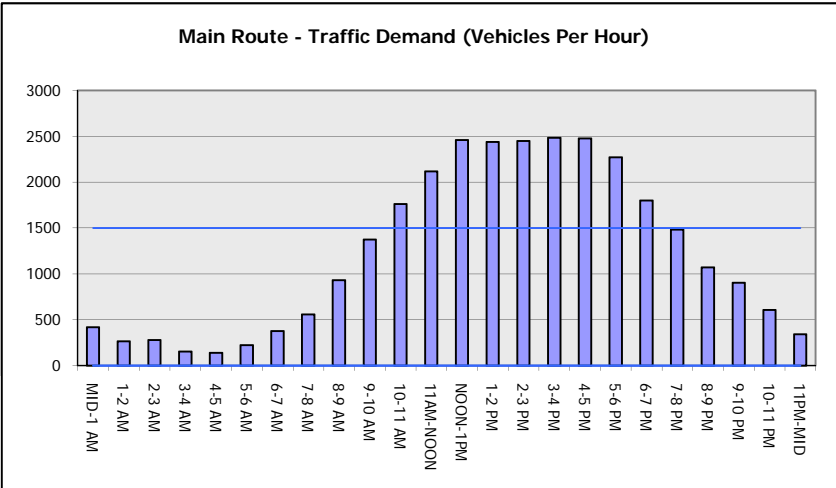
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY SOUTHBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY NORTHBOUND 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	312	0.0	3000	312	0	0.36	0	70.2	61.8	49.7
1-2 AM	217	0.0	3000	217	0	0.36	0	70.2	61.8	49.7
2-3 AM	174	0.0	3000	174	0	0.36	0	70.2	61.8	49.7
3-4 AM	111	0.0	3000	111	0	0.36	0	70.2	61.8	49.7
4-5 AM	107	0.0	3000	107	0	0.36	0	70.2	61.8	49.7
5-6 AM	226	0.0	3000	226	0	0.36	0	70.2	61.8	49.7
6-7 AM	306	0.0	3000	306	0	0.36	0	70.2	61.8	49.7
7-8 AM	570	0.0	3000	570	0	0.36	0	70.0	61.7	49.7
8-9 AM	798	0.0	3000	798	0	0.35	0	69.7	61.5	49.7
9-10 AM	1344	0.0	3000	1344	0	0.35	0	69.1	61.2	49.7
10-11 AM	1881	0.0	3000	1881	0	0.34	0	68.4	60.9	49.7
11AM-NOON	2183	0.0	3000	2183	0	0.33	0	68.0	60.7	49.7
NOON-1PM	2220	0.0	3000	2220	0	0.33	0	68.0	60.6	49.7
1-2 PM	2135	0.0	3000	2135	0	0.33	0	68.1	60.7	49.7
2-3 PM	1998	0.0	3000	1998	0	0.33	0	68.2	60.8	49.7
3-4 PM	2017	0.0	3000	2017	0	0.33	0	68.2	60.8	49.7
4-5 PM	1930	0.0	3000	1930	0	0.34	0	68.3	60.9	49.7
5-6 PM	1780	0.0	3000	1780	0	0.34	0	68.5	60.9	49.7
6-7 PM	1616	0.0	3000	1616	0	0.34	0	68.7	61.0	49.7
7-8 PM	1270	0.0	3000	1270	0	0.35	0	69.2	61.3	49.7
8-9 PM	1020	0.0	3000	1020	0	0.35	0	69.5	61.4	49.7
9-10 PM	773	0.0	3000	773	0	0.35	0	69.8	61.6	49.7
10-11 PM	528	0.0	3000	528	0	0.36	0	70.0	61.7	49.7
11PM-MID	309	0.0	3000	309	0	0.36	0	70.2	61.8	49.7

----- 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	0.0127
MAIN ROUTE WITH WORKS	0.0110
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,177
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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