

USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	288	0.0	OFF	288	0	0.00	0	70.2	70.2	70.2
1-2 AM	195	0.0	OFF	195	0	0.00	0	70.2	70.2	70.2
2-3 AM	211	0.0	OFF	211	0	0.00	0	70.2	70.2	70.2
3-4 AM	209	0.0	OFF	209	0	0.00	0	70.2	70.2	70.2
4-5 AM	382	0.0	OFF	382	0	0.00	0	70.2	70.2	70.2
5-6 AM	1146	0.0	OFF	1146	0	0.00	0	69.3	69.3	69.3
6-7 AM	2231	0.0	OFF	2231	0	0.00	0	67.9	67.9	67.9
7-8 AM	3412	0.0	OFF	3412	0	0.00	0	66.5	66.5	66.5
8-9 AM	2387	0.0	OFF	2387	0	0.00	0	67.8	67.8	67.8
9-10 AM	1974	0.0	OFF	1974	0	0.00	0	68.3	68.3	68.3
10-11 AM	2080	0.0	3000	2080	0	0.33	0	68.1	60.7	49.7
11AM-NOON	2387	0.0	3000	2387	0	0.33	0	67.8	60.5	49.7
NOON-1PM	2655	0.0	2999	2655	0	0.50	0	67.4	57.1	43.4
1-2 PM	2986	0.0	2999	2986	0	0.80	5	67.0	52.1	37.8
2-3 PM	3100	0.0	3000	3100	0	1.81	62	66.9	40.5	37.3
3-4 PM	3259	0.0	OFF	3259	0	0.03	2	66.7	65.9	65.9
4-5 PM	3629	0.0	OFF	3629	0	0.00	0	66.1	66.1	66.1
5-6 PM	3241	0.0	OFF	3241	0	0.00	0	66.7	66.7	66.7
6-7 PM	2163	0.0	OFF	2163	0	0.00	0	68.1	68.1	68.1
7-8 PM	1632	0.0	OFF	1632	0	0.00	0	68.7	68.7	68.7
8-9 PM	1554	0.0	OFF	1554	0	0.00	0	68.8	68.8	68.8
9-10 PM	1431	0.0	OFF	1431	0	0.00	0	68.9	68.9	68.9
10-11 PM	1060	0.0	OFF	1060	0	0.00	0	69.4	69.4	69.4
11PM-MID	636	0.0	OFF	636	0	0.00	0	69.9	69.9	69.9

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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

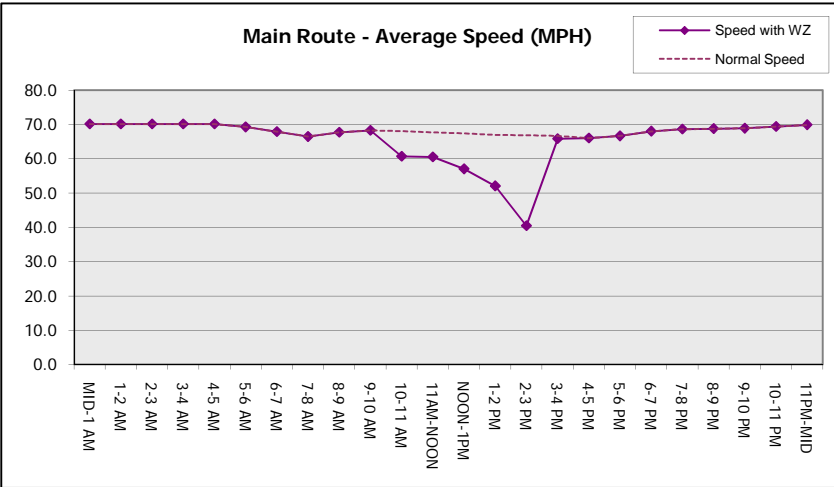
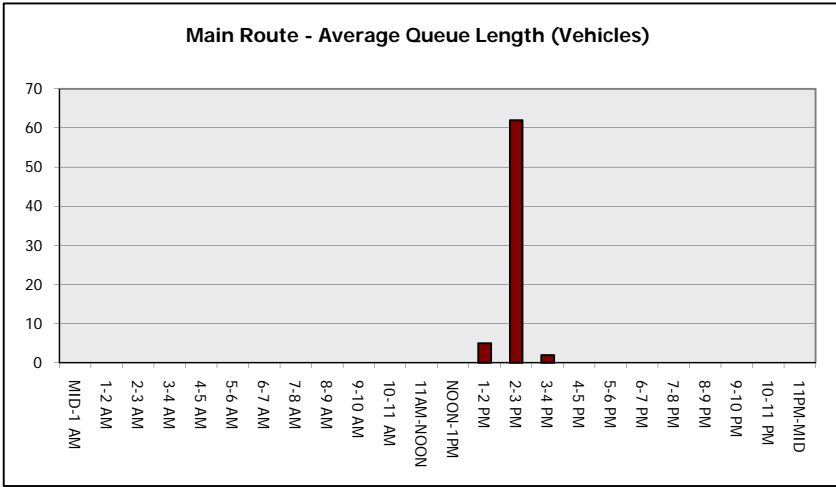
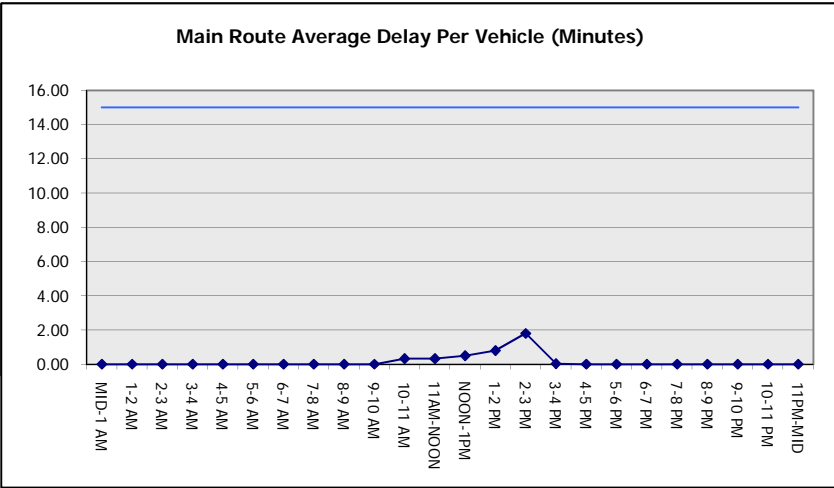
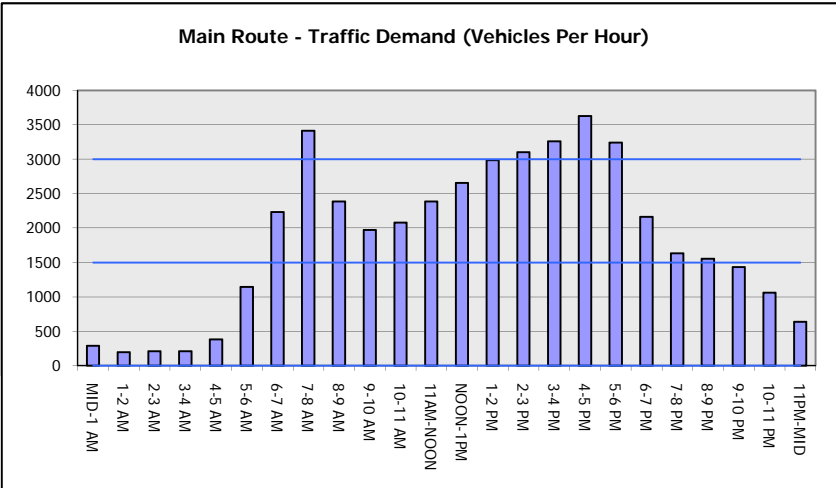
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0218
MAIN ROUTE WITH WORKS	0.0210
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,135
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	315	0.0	OFF	315	0	0.00	0	70.2	70.2	70.2
1-2 AM	241	0.0	OFF	241	0	0.00	0	70.2	70.2	70.2
2-3 AM	202	0.0	OFF	202	0	0.00	0	70.2	70.2	70.2
3-4 AM	185	0.0	OFF	185	0	0.00	0	70.2	70.2	70.2
4-5 AM	384	0.0	OFF	384	0	0.00	0	70.2	70.2	70.2
5-6 AM	868	0.0	OFF	868	0	0.00	0	69.7	69.7	69.7
6-7 AM	1780	0.0	OFF	1780	0	0.00	0	68.5	68.5	68.5
7-8 AM	3042	0.0	OFF	3042	0	0.00	0	66.9	66.9	66.9
8-9 AM	2449	0.0	OFF	2449	0	0.00	0	67.7	67.7	67.7
9-10 AM	2259	0.0	OFF	2259	0	0.00	0	67.9	67.9	67.9
10-11 AM	2487	0.0	3000	2487	0	0.39	0	67.6	59.2	47.1
11AM-NOON	2728	0.0	3000	2728	0	0.55	0	67.3	56.1	41.9
NOON-1PM	2809	0.0	3000	2809	0	0.60	0	67.3	55.2	40.4
1-2 PM	2789	0.0	2999	2789	0	0.59	0	67.3	55.5	40.8
2-3 PM	3287	0.0	2999	3287	0	2.46	113	66.6	35.5	37.3
3-4 PM	3755	0.0	OFF	3755	0	0.27	18	65.2	59.6	59.6
4-5 PM	4186	0.0	OFF	4186	0	0.00	0	62.2	62.2	62.2
5-6 PM	3620	0.0	OFF	3620	0	0.00	0	66.1	66.1	66.1
6-7 PM	2792	0.0	OFF	2792	0	0.00	0	67.3	67.3	67.3
7-8 PM	2144	0.0	OFF	2144	0	0.00	0	68.1	68.1	68.1
8-9 PM	1619	0.0	OFF	1619	0	0.00	0	68.7	68.7	68.7
9-10 PM	1225	0.0	OFF	1225	0	0.00	0	69.2	69.2	69.2
10-11 PM	983	0.0	OFF	983	0	0.00	0	69.5	69.5	69.5
11PM-MID	696	0.0	OFF	696	0	0.00	0	69.9	69.9	69.9

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0231
MAIN ROUTE WITH WORKS	0.0222
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,919
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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