

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

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	416	0.0	3000	416	0	0.36	0	70.2	61.8	49.7
1-2 AM	274	0.0	3000	274	0	0.36	0	70.2	61.8	49.7
2-3 AM	253	0.0	3000	253	0	0.36	0	70.2	61.8	49.7
3-4 AM	181	0.0	3000	181	0	0.36	0	70.2	61.8	49.7
4-5 AM	249	0.0	3000	249	0	0.36	0	70.2	61.8	49.7
5-6 AM	418	0.0	3000	418	0	0.36	0	70.2	61.8	49.7
6-7 AM	644	0.0	3000	644	0	0.36	0	69.9	61.7	49.7
7-8 AM	936	0.0	3000	936	0	0.35	0	69.6	61.5	49.7
8-9 AM	1351	0.0	3000	1351	0	0.35	0	69.1	61.2	49.7
9-10 AM	1742	0.0	3000	1742	0	0.34	0	68.6	61.0	49.7
10-11 AM	2147	0.0	3000	2147	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	2500	0.0	3000	2500	0	0.40	0	67.6	59.0	46.8
1-2 PM	2519	0.0	3000	2519	0	0.41	0	67.6	58.7	46.3
2-3 PM	2500	0.0	3000	2500	0	0.40	0	67.6	59.0	46.8
3-4 PM	2476	0.0	3000	2476	0	0.39	0	67.6	59.3	47.4
4-5 PM	2434	0.0	3000	2434	0	0.36	0	67.7	59.9	48.4
5-6 PM	2214	0.0	3000	2214	0	0.33	0	68.0	60.6	49.7
6-7 PM	1809	0.0	3000	1809	0	0.34	0	68.5	60.9	49.7
7-8 PM	1596	0.0	3000	1596	0	0.34	0	68.7	61.0	49.7
8-9 PM	1491	0.0	3000	1491	0	0.34	0	68.9	61.1	49.7
9-10 PM	1463	0.0	3000	1463	0	0.34	0	68.9	61.1	49.7
10-11 PM	1551	0.0	3000	1551	0	0.34	0	68.8	61.1	49.7
11PM-MID	1519	0.0	3000	1519	0	0.34	0	68.9	61.1	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	0.0173
MAIN ROUTE WITH WORKS	0.0150
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

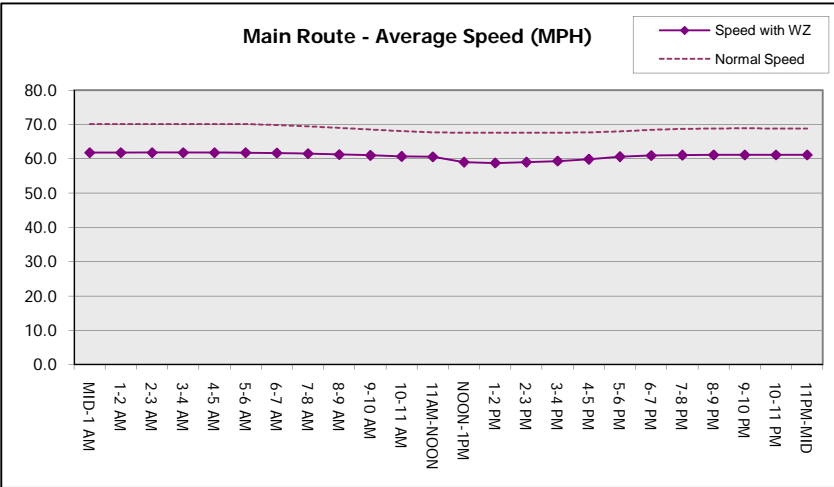
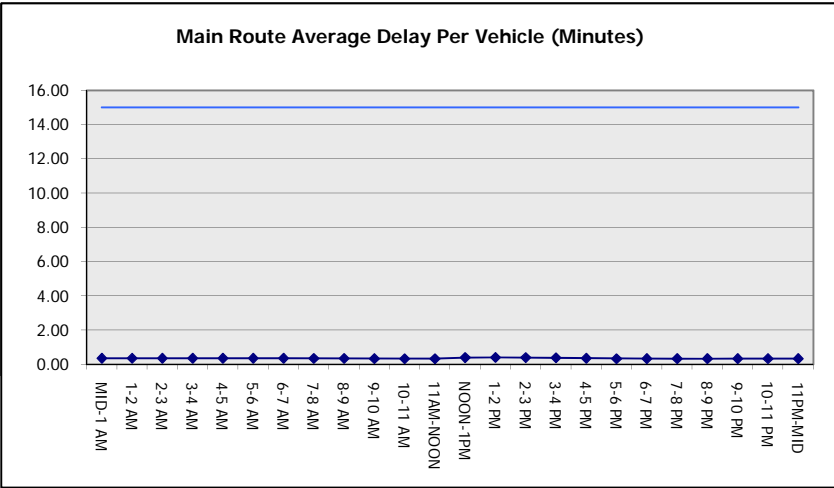
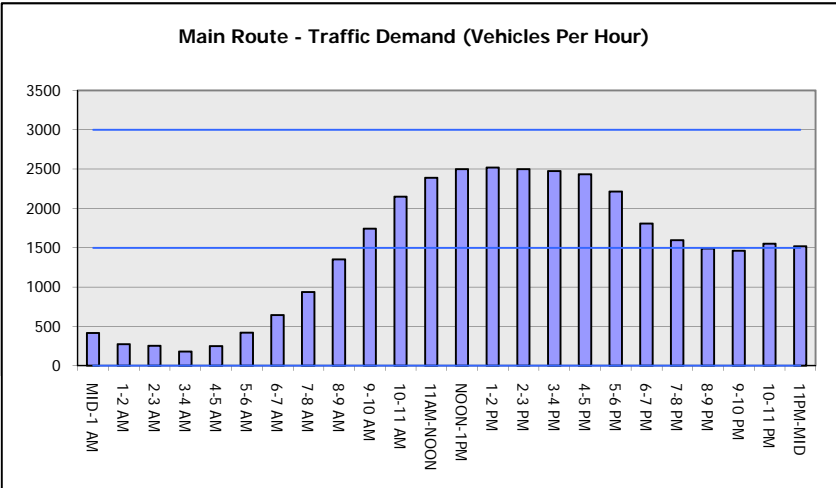
ROAD USER COSTS PER DAY	\$3,155
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	410	0.0	3000	410	0	0.36	0	70.2	61.8	49.7
1-2 AM	250	0.0	3000	250	0	0.36	0	70.2	61.8	49.7
2-3 AM	222	0.0	3000	222	0	0.36	0	70.2	61.8	49.7
3-4 AM	172	0.0	3000	172	0	0.36	0	70.2	61.8	49.7
4-5 AM	246	0.0	3000	246	0	0.36	0	70.2	61.8	49.7
5-6 AM	344	0.0	3000	344	0	0.36	0	70.2	61.8	49.7
6-7 AM	588	0.0	3000	588	0	0.36	0	70.0	61.7	49.7
7-8 AM	976	0.0	3000	976	0	0.35	0	69.5	61.5	49.7
8-9 AM	1489	0.0	3000	1489	0	0.34	0	68.9	61.1	49.7
9-10 AM	1990	0.0	3000	1990	0	0.33	0	68.2	60.8	49.7
10-11 AM	2533	0.0	3000	2533	0	0.42	0	67.6	58.6	46.0
11AM-NOON	2787	0.0	3000	2787	0	0.59	0	67.3	55.5	40.8
NOON-1PM	2886	0.0	3000	2886	0	0.65	0	67.1	54.3	39.1
1-2 PM	2909	0.0	3000	2909	0	0.67	0	67.1	54.1	38.7
2-3 PM	2917	0.0	3000	2917	0	0.67	0	67.1	54.0	38.6
3-4 PM	2825	0.0	3000	2825	0	0.61	0	67.3	55.0	40.1
4-5 PM	2668	0.0	3000	2668	0	0.51	0	67.4	56.9	43.1
5-6 PM	2480	0.0	3000	2480	0	0.39	0	67.6	59.2	47.3
6-7 PM	1818	0.0	3000	1818	0	0.34	0	68.5	60.9	49.7
7-8 PM	1263	0.0	3000	1263	0	0.35	0	69.2	61.3	49.7
8-9 PM	1052	0.0	3000	1052	0	0.35	0	69.4	61.4	49.7
9-10 PM	875	0.0	3000	875	0	0.35	0	69.7	61.5	49.7
10-11 PM	747	0.0	3000	747	0	0.35	0	69.8	61.6	49.7
11PM-MID	546	0.0	3000	546	0	0.36	0	70.0	61.7	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	0.0173
MAIN ROUTE WITH WORKS	0.0150
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,275
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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