

USH 41: STH 15 TO STH 125 (OUTAGAMIE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	317	0.0	3000	317	0	0.36	0	70.2	56.9	49.7
1-2 AM	205	0.0	3000	205	0	0.36	0	70.2	56.9	49.7
2-3 AM	181	0.0	3000	181	0	0.36	0	70.2	56.9	49.7
3-4 AM	124	0.0	3000	124	0	0.36	0	70.2	56.9	49.7
4-5 AM	181	0.0	3000	181	0	0.36	0	70.2	56.9	49.7
5-6 AM	315	0.0	3000	315	0	0.36	0	70.2	56.9	49.7
6-7 AM	535	0.0	3000	535	0	0.36	0	70.0	56.9	49.7
7-8 AM	869	0.0	3000	869	0	0.35	0	69.7	56.8	49.7
8-9 AM	1182	0.0	3000	1182	0	0.35	0	69.2	56.6	49.7
9-10 AM	1357	0.0	3000	1357	0	0.34	0	69.1	56.6	49.7
10-11 AM	1619	0.0	3000	1619	0	0.34	0	68.7	56.4	49.7
11AM-NOON	1669	0.0	3000	1669	0	0.34	0	68.7	56.4	49.7
NOON-1PM	1794	0.0	3000	1794	0	0.34	0	68.5	56.4	49.7
1-2 PM	1769	0.0	3000	1769	0	0.34	0	68.6	56.4	49.7
2-3 PM	1833	0.0	3000	1833	0	0.34	0	68.4	56.4	49.7
3-4 PM	1850	0.0	3000	1850	0	0.34	0	68.4	56.4	49.7
4-5 PM	1745	0.0	3000	1745	0	0.34	0	68.6	56.4	49.7
5-6 PM	1701	0.0	3000	1701	0	0.34	0	68.6	56.4	49.7
6-7 PM	1368	0.0	3000	1368	0	0.34	0	69.1	56.6	49.7
7-8 PM	1171	0.0	3000	1171	0	0.35	0	69.3	56.6	49.7
8-9 PM	1102	0.0	3000	1102	0	0.35	0	69.4	56.7	49.7
9-10 PM	1058	0.0	3000	1058	0	0.35	0	69.4	56.7	49.7
10-11 PM	769	0.0	3000	769	0	0.35	0	69.8	56.8	49.7
11PM-MID	467	0.0	3000	467	0	0.36	0	70.2	56.9	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	0.0072
MAIN ROUTE WITH WORKS	0.0056
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

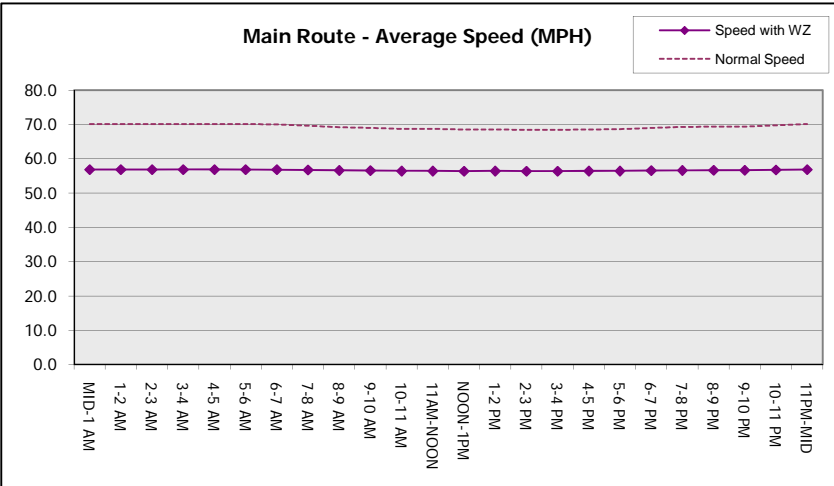
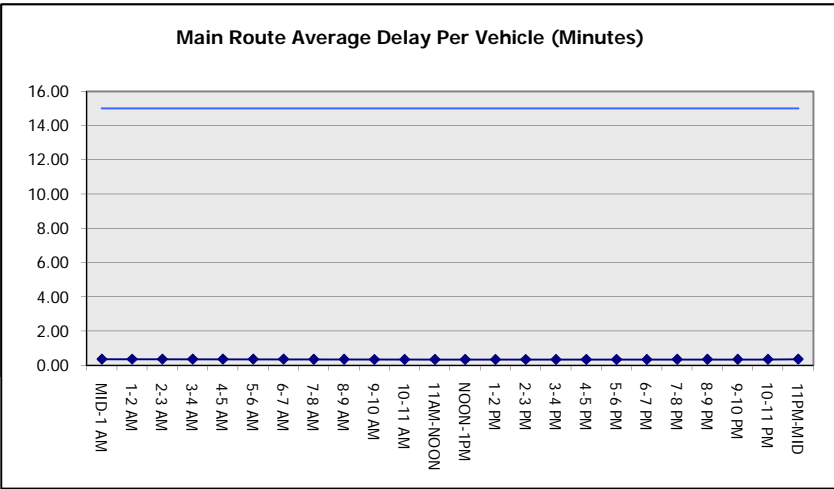
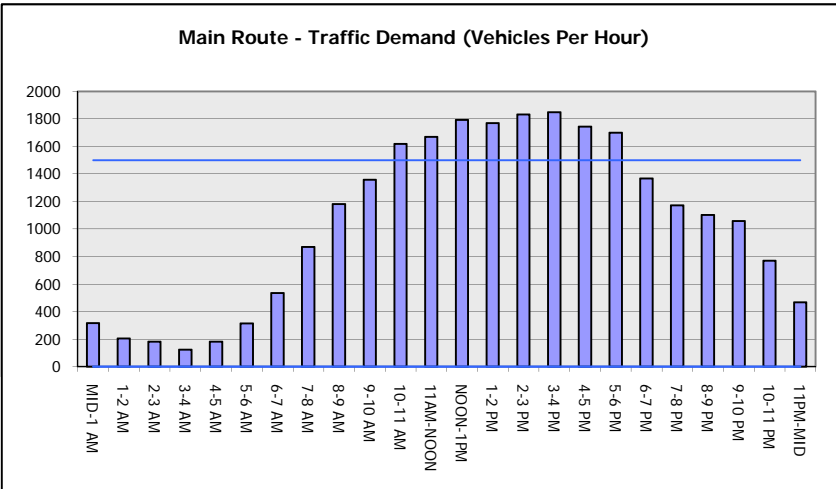
ROAD USER COSTS PER DAY	\$2,114
CONGESTED HOURS PER DAY*	0

*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	328	0.0	3000	328	0	0.36	0	70.2	56.9	49.7
1-2 AM	223	0.0	3000	223	0	0.36	0	70.2	56.9	49.7
2-3 AM	184	0.0	3000	184	0	0.36	0	70.2	56.9	49.7
3-4 AM	123	0.0	3000	123	0	0.36	0	70.2	56.9	49.7
4-5 AM	149	0.0	3000	149	0	0.36	0	70.2	56.9	49.7
5-6 AM	264	0.0	3000	264	0	0.36	0	70.2	56.9	49.7
6-7 AM	527	0.0	3000	527	0	0.36	0	70.0	56.9	49.7
7-8 AM	911	0.0	3000	911	0	0.35	0	69.6	56.8	49.7
8-9 AM	1304	0.0	3000	1304	0	0.35	0	69.1	56.6	49.7
9-10 AM	1599	0.0	3000	1599	0	0.34	0	68.7	56.5	49.7
10-11 AM	1894	0.0	3000	1894	0	0.34	0	68.4	56.4	49.7
11AM-NOON	2090	0.0	3000	2090	0	0.33	0	68.1	56.3	49.7
NOON-1PM	2120	0.0	3000	2120	0	0.33	0	68.1	56.3	49.7
1-2 PM	2015	0.0	3000	2015	0	0.33	0	68.2	56.3	49.7
2-3 PM	1994	0.0	3000	1994	0	0.33	0	68.2	56.3	49.7
3-4 PM	1885	0.0	3000	1885	0	0.34	0	68.4	56.4	49.7
4-5 PM	1855	0.0	3000	1855	0	0.34	0	68.4	56.4	49.7
5-6 PM	1734	0.0	3000	1734	0	0.34	0	68.6	56.4	49.7
6-7 PM	1456	0.0	3000	1456	0	0.34	0	68.9	56.5	49.7
7-8 PM	1096	0.0	3000	1096	0	0.35	0	69.4	56.7	49.7
8-9 PM	849	0.0	3000	849	0	0.35	0	69.7	56.8	49.7
9-10 PM	724	0.0	3000	724	0	0.35	0	69.9	56.8	49.7
10-11 PM	620	0.0	3000	620	0	0.36	0	70.0	56.8	49.7
11PM-MID	432	0.0	3000	432	0	0.36	0	70.2	56.9	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	0.0076
MAIN ROUTE WITH WORKS	0.0058
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,193
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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