

USH 41: STH 15 TO STH 125 (OUTAGAMIE COUNTY) NIGHTTIME 2 LANE 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	1500	317	0	0.51	0	70.2	52.7	44.2	
1-2 AM	205	0.0	1500	205	0	0.50	0	70.2	53.0	44.6	
2-3 AM	181	0.0	1500	181	0	0.49	0	70.2	53.1	44.8	
3-4 AM	124	0.0	1500	124	0	0.49	0	70.2	53.3	45.0	
4-5 AM	181	0.0	1500	181	0	0.49	0	70.2	53.1	44.8	
5-6 AM	315	0.0	1500	315	0	0.51	0	70.2	52.7	44.2	
6-7 AM	535	0.0	1500	535	0	0.54	0	70.0	52.0	43.3	
7-8 AM	869	0.0	1500	869	0	0.57	0	69.7	50.9	42.2	
8-9 AM	1182	0.0	OFF	1182	0	0.00	0	69.2	69.2	69.2	
9-10 AM	1357	0.0	OFF	1357	0	0.00	0	69.1	69.1	69.1	
10-11 AM	1619	0.0	OFF	1619	0	0.00	0	68.7	68.7	68.7	
11AM-NOON	1669	0.0	OFF	1669	0	0.00	0	68.7	68.7	68.7	
NOON-1PM	1794	0.0	OFF	1794	0	0.00	0	68.5	68.5	68.5	
1-2 PM	1769	0.0	OFF	1769	0	0.00	0	68.6	68.6	68.6	
2-3 PM	1833	0.0	OFF	1833	0	0.00	0	68.4	68.4	68.4	
3-4 PM	1850	0.0	OFF	1850	0	0.00	0	68.4	68.4	68.4	
4-5 PM	1745	0.0	OFF	1745	0	0.00	0	68.6	68.6	68.6	
5-6 PM	1701	0.0	OFF	1701	0	0.00	0	68.6	68.6	68.6	
6-7 PM	1368	0.0	1500	1368	0	0.93	0	69.1	43.3	33.7	
7-8 PM	1171	0.0	1500	1171	0	0.67	0	69.3	48.5	39.4	
8-9 PM	1102	0.0	1500	1102	0	0.60	0	69.4	50.1	41.3	
9-10 PM	1058	0.0	1500	1058	0	0.59	0	69.4	50.2	41.5	
10-11 PM	769	0.0	1500	769	0	0.56	0	69.8	51.2	42.5	
11PM-MID	467	0.0	1500	467	0	0.53	0	70.2	52.2	43.7	

"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	0.0072
MAIN ROUTE WITH WORKS	0.0066
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,305
CONGESTED HOURS PER DAY*	0

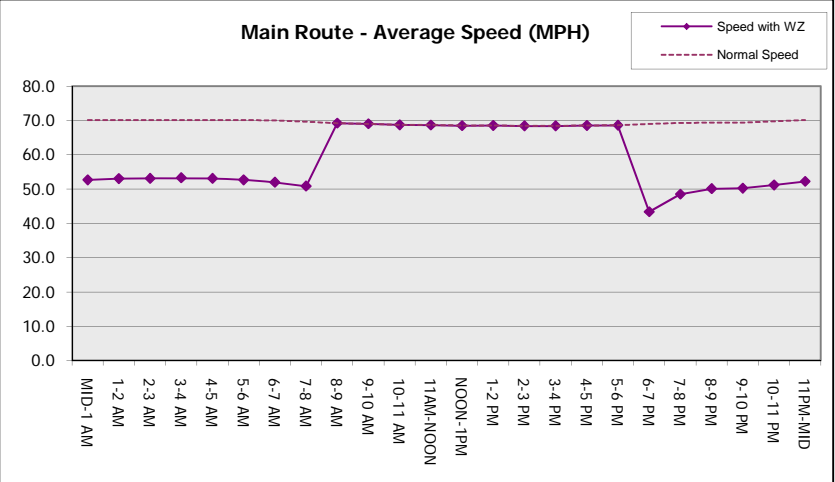
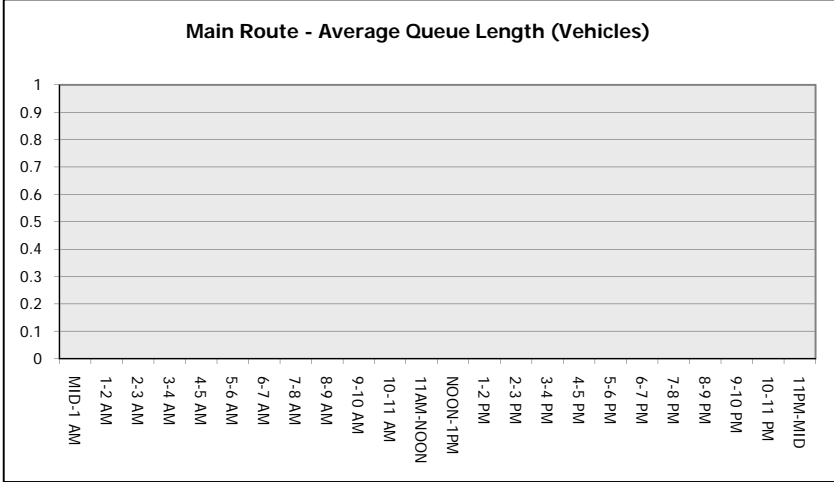
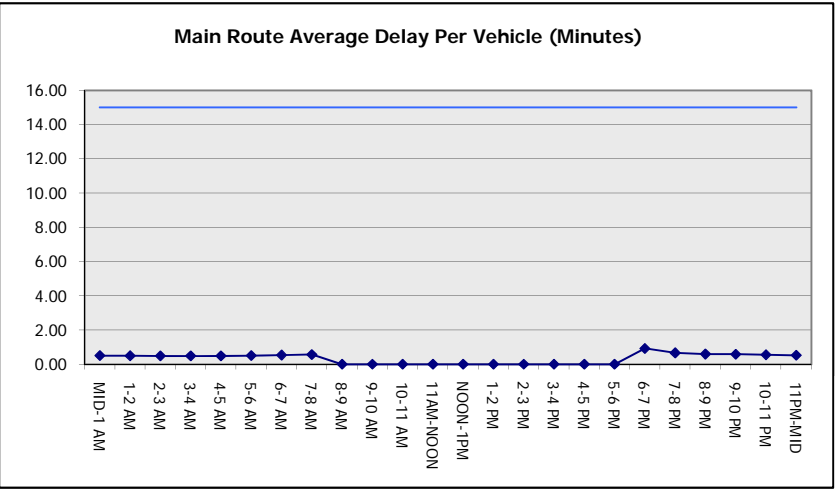
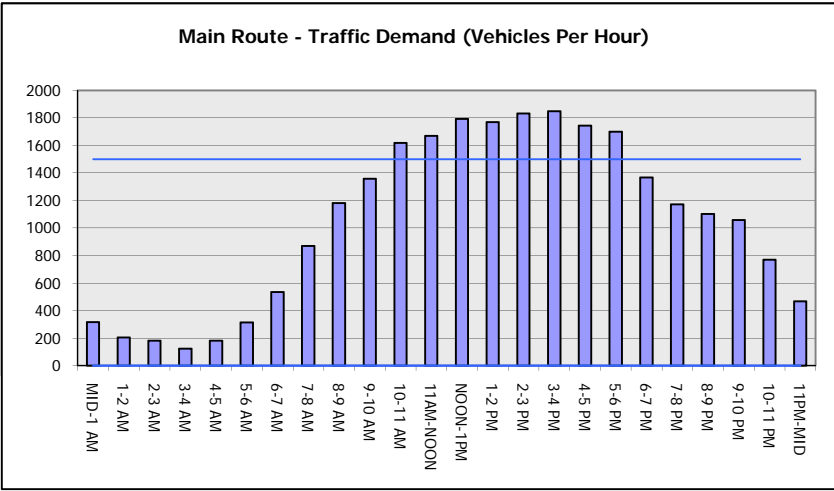
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY SOUTHBOUND DIRECTION



USH 41: STH 15 TO STH 125 (OUTAGAMIE COUNTY) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	1500	328	0	0.51	0	70.2	52.7	44.2
1-2 AM	223	0.0	1500	223	0	0.50	0	70.2	53.0	44.6
2-3 AM	184	0.0	1500	184	0	0.49	0	70.2	53.1	44.8
3-4 AM	123	0.0	1500	123	0	0.49	0	70.2	53.3	45.0
4-5 AM	149	0.0	1500	149	0	0.49	0	70.2	53.2	44.9
5-6 AM	264	0.0	1500	264	0	0.50	0	70.2	52.8	44.4
6-7 AM	527	0.0	1500	527	0	0.54	0	70.0	52.0	43.4
7-8 AM	911	0.0	1500	911	0	0.58	0	69.6	50.7	42.0
8-9 AM	1304	0.0	OFF	1304	0	0.00	0	69.1	69.1	69.1
9-10 AM	1599	0.0	OFF	1599	0	0.00	0	68.7	68.7	68.7
10-11 AM	1894	0.0	OFF	1894	0	0.00	0	68.4	68.4	68.4
11AM-NOON	2090	0.0	OFF	2090	0	0.00	0	68.1	68.1	68.1
NOON-1PM	2120	0.0	OFF	2120	0	0.00	0	68.1	68.1	68.1
1-2 PM	2015	0.0	OFF	2015	0	0.00	0	68.2	68.2	68.2
2-3 PM	1994	0.0	OFF	1994	0	0.00	0	68.2	68.2	68.2
3-4 PM	1885	0.0	OFF	1885	0	0.00	0	68.4	68.4	68.4
4-5 PM	1855	0.0	OFF	1855	0	0.00	0	68.4	68.4	68.4
5-6 PM	1734	0.0	OFF	1734	0	0.00	0	68.6	68.6	68.6
6-7 PM	1456	0.0	1499	1456	0	1.22	5	68.9	38.8	32.1
7-8 PM	1096	0.0	1500	1096	0	0.60	0	69.4	50.1	41.4
8-9 PM	849	0.0	1500	849	0	0.57	0	69.7	50.9	42.2
9-10 PM	724	0.0	1500	724	0	0.56	0	69.9	51.4	42.7
10-11 PM	620	0.0	1500	620	0	0.55	0	70.0	51.7	43.0
11PM-MID	432	0.0	1500	432	0	0.53	0	70.2	52.4	43.8

"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	0.0076
MAIN ROUTE WITH WORKS	0.0070
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,274
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY NORTHBOUND DIRECTION

