

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

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	336	0.0	3000	336	0	0.36	0	70.2	56.9	49.7
1-2 AM	211	0.0	3000	211	0	0.36	0	70.2	56.9	49.7
2-3 AM	224	0.0	3000	224	0	0.36	0	70.2	56.9	49.7
3-4 AM	125	0.0	3000	125	0	0.36	0	70.2	56.9	49.7
4-5 AM	112	0.0	3000	112	0	0.36	0	70.2	56.9	49.7
5-6 AM	180	0.0	3000	180	0	0.36	0	70.2	56.9	49.7
6-7 AM	303	0.0	3000	303	0	0.36	0	70.2	56.9	49.7
7-8 AM	447	0.0	3000	447	0	0.36	0	70.2	56.9	49.7
8-9 AM	747	0.0	3000	747	0	0.35	0	69.8	56.8	49.7
9-10 AM	1103	0.0	3000	1103	0	0.35	0	69.4	56.7	49.7
10-11 AM	1417	0.0	3000	1417	0	0.34	0	69.0	56.6	49.7
11AM-NOON	1701	0.0	3000	1701	0	0.34	0	68.6	56.4	49.7
NOON-1PM	1976	0.0	3000	1976	0	0.34	0	68.2	56.3	49.7
1-2 PM	1957	0.0	3000	1957	0	0.34	0	68.3	56.3	49.7
2-3 PM	1965	0.0	3000	1965	0	0.34	0	68.3	56.3	49.7
3-4 PM	1992	0.0	3000	1992	0	0.33	0	68.2	56.3	49.7
4-5 PM	1987	0.0	3000	1987	0	0.33	0	68.2	56.3	49.7
5-6 PM	1824	0.0	3000	1824	0	0.34	0	68.5	56.4	49.7
6-7 PM	1444	0.0	3000	1444	0	0.34	0	68.9	56.6	49.7
7-8 PM	1190	0.0	3000	1190	0	0.35	0	69.2	56.6	49.7
8-9 PM	860	0.0	3000	860	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	488	0.0	3000	488	0	0.36	0	70.1	56.9	49.7
11PM-MID	274	0.0	3000	274	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

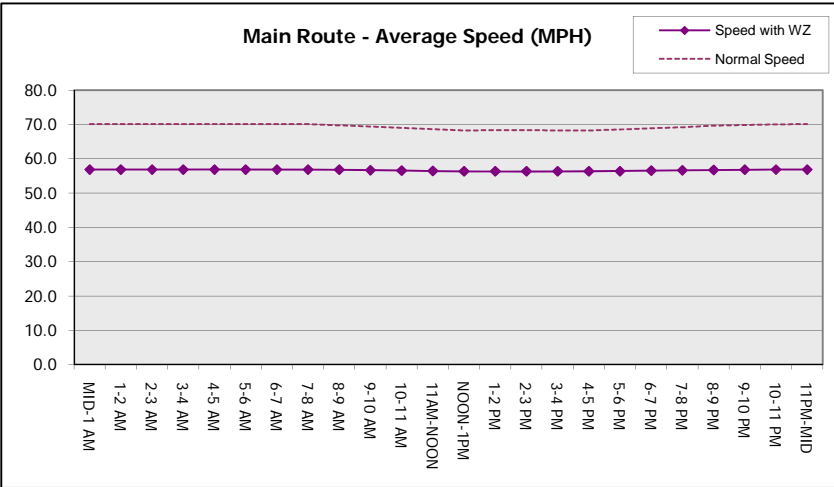
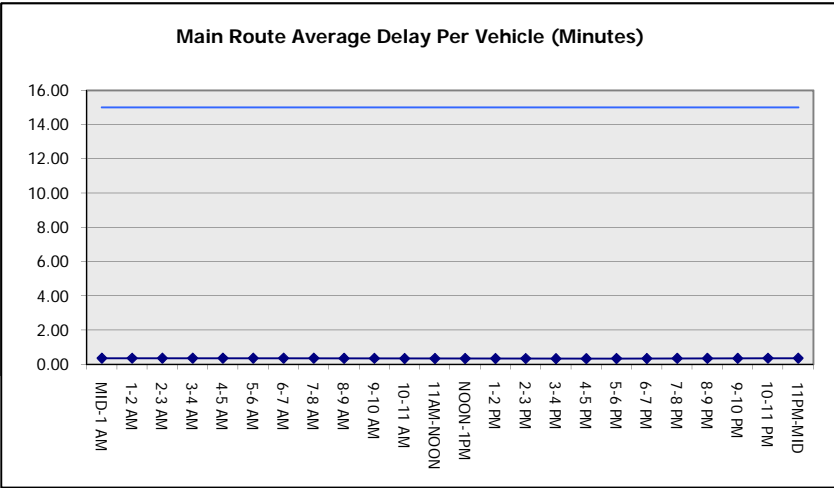
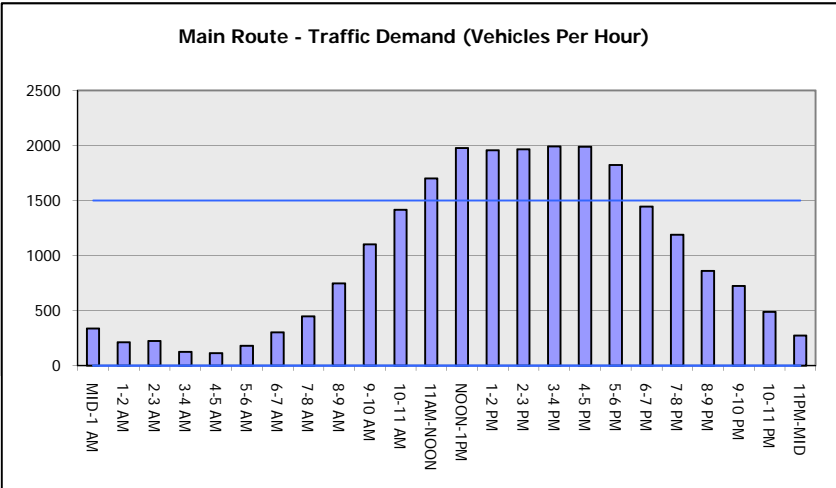
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0068
MAIN ROUTE WITH WORKS	0.0052
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,997
CONGESTED HOURS PER DAY*	0

*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	250	0.0	3000	250	0	0.36	0	70.2	56.9	49.7
1-2 AM	175	0.0	3000	175	0	0.36	0	70.2	56.9	49.7
2-3 AM	140	0.0	3000	140	0	0.36	0	70.2	56.9	49.7
3-4 AM	89	0.0	3000	89	0	0.36	0	70.2	56.9	49.7
4-5 AM	86	0.0	3000	86	0	0.36	0	70.2	56.9	49.7
5-6 AM	181	0.0	3000	181	0	0.36	0	70.2	56.9	49.7
6-7 AM	245	0.0	3000	245	0	0.36	0	70.2	56.9	49.7
7-8 AM	458	0.0	3000	458	0	0.36	0	70.2	56.9	49.7
8-9 AM	640	0.0	3000	640	0	0.36	0	69.9	56.8	49.7
9-10 AM	1080	0.0	3000	1080	0	0.35	0	69.4	56.7	49.7
10-11 AM	1510	0.0	3000	1510	0	0.34	0	68.9	56.5	49.7
11AM-NOON	1753	0.0	3000	1753	0	0.34	0	68.6	56.4	49.7
NOON-1PM	1783	0.0	3000	1783	0	0.34	0	68.5	56.4	49.7
1-2 PM	1714	0.0	3000	1714	0	0.34	0	68.6	56.4	49.7
2-3 PM	1604	0.0	3000	1604	0	0.34	0	68.7	56.5	49.7
3-4 PM	1619	0.0	3000	1619	0	0.34	0	68.7	56.4	49.7
4-5 PM	1549	0.0	3000	1549	0	0.34	0	68.8	56.5	49.7
5-6 PM	1429	0.0	3000	1429	0	0.34	0	68.9	56.6	49.7
6-7 PM	1298	0.0	3000	1298	0	0.35	0	69.1	56.6	49.7
7-8 PM	1020	0.0	3000	1020	0	0.35	0	69.5	56.7	49.7
8-9 PM	818	0.0	3000	818	0	0.35	0	69.7	56.8	49.7
9-10 PM	621	0.0	3000	621	0	0.36	0	70.0	56.8	49.7
10-11 PM	424	0.0	3000	424	0	0.36	0	70.2	56.9	49.7
11PM-MID	248	0.0	3000	248	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	0.0059
MAIN ROUTE WITH WORKS	0.0046
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,770
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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