

USH 41: STH 441 TO STH 55 (OUTAGMIE AND BROWN COUNTIES) NIGHTTIME 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	314	0.0	1500	314	0	0.45	0	65.8	58.8	44.2
1-2 AM	186	0.0	1500	186	0	0.44	0	66.0	59.2	44.7
2-3 AM	173	0.0	1500	173	0	0.44	0	66.1	59.2	44.8
3-4 AM	114	0.0	1500	114	0	0.43	0	66.2	59.4	45.0
4-5 AM	191	0.0	1500	191	0	0.44	0	66.0	59.2	44.7
5-6 AM	301	0.0	1500	301	0	0.45	0	65.8	58.9	44.3
6-7 AM	484	0.0	1500	484	0	0.47	0	65.5	58.4	43.6
7-8 AM	885	0.0	1500	885	0	0.51	0	64.7	57.3	42.1
8-9 AM	1146	0.0	OFF	1146	0	0.00	0	64.3	64.3	64.3
9-10 AM	1366	0.0	OFF	1366	0	0.00	0	63.8	63.8	63.8
10-11 AM	1543	0.0	OFF	1543	0	0.00	0	63.5	63.5	63.5
11AM-NOON	1557	0.0	OFF	1557	0	0.00	0	63.5	63.5	63.5
NOON-1PM	1566	0.0	OFF	1566	0	0.00	0	63.5	63.5	63.5
1-2 PM	1419	0.0	OFF	1419	0	0.00	0	63.7	63.7	63.7
2-3 PM	1404	0.0	OFF	1404	0	0.00	0	63.8	63.8	63.8
3-4 PM	1496	0.0	OFF	1496	0	0.00	0	63.6	63.6	63.6
4-5 PM	1409	0.0	OFF	1409	0	0.00	0	63.8	63.8	63.8
5-6 PM	1325	0.0	OFF	1325	0	0.00	0	63.9	63.9	63.9
6-7 PM	1176	0.0	1500	1176	0	0.61	0	64.2	55.6	39.2
7-8 PM	874	0.0	1500	874	0	0.51	0	64.8	57.3	42.1
8-9 PM	752	0.0	1500	752	0	0.50	0	65.0	57.6	42.5
9-10 PM	681	0.0	1500	681	0	0.49	0	65.1	57.8	42.8
10-11 PM	529	0.0	1500	529	0	0.47	0	65.4	58.2	43.4
11PM-MID	381	0.0	1500	381	0	0.46	0	65.7	58.6	44.0

"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	0.0142
MAIN ROUTE WITH WORKS	0.0138
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$835
CONGESTED HOURS PER DAY*	0

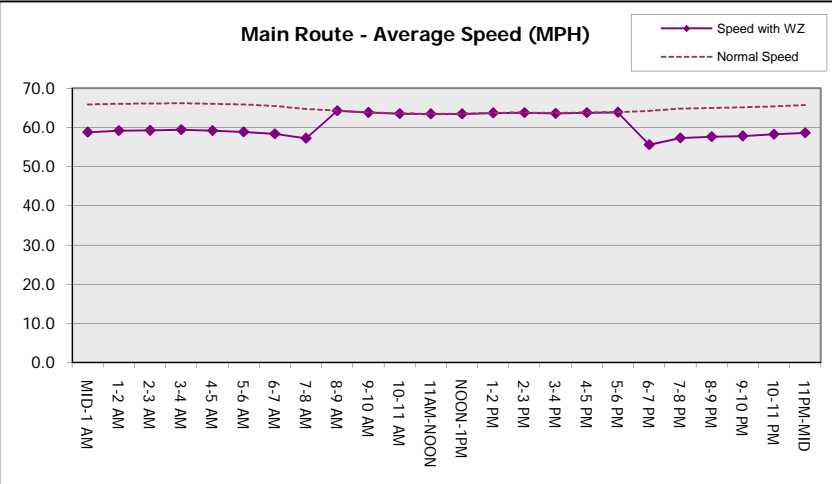
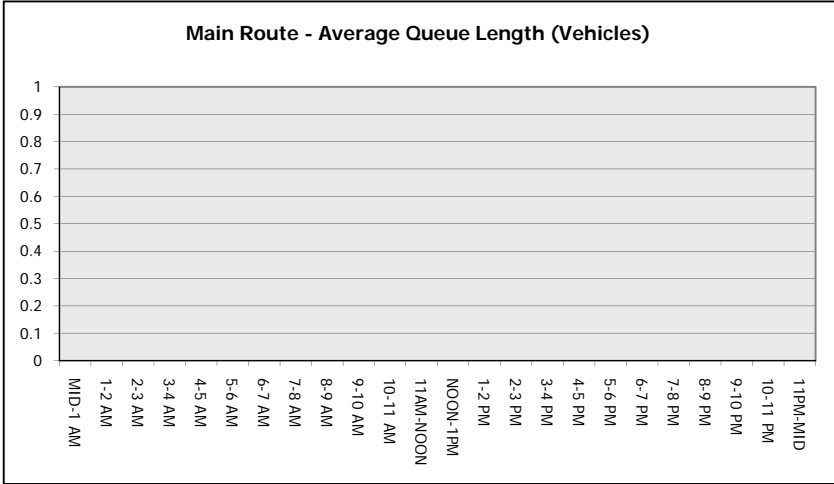
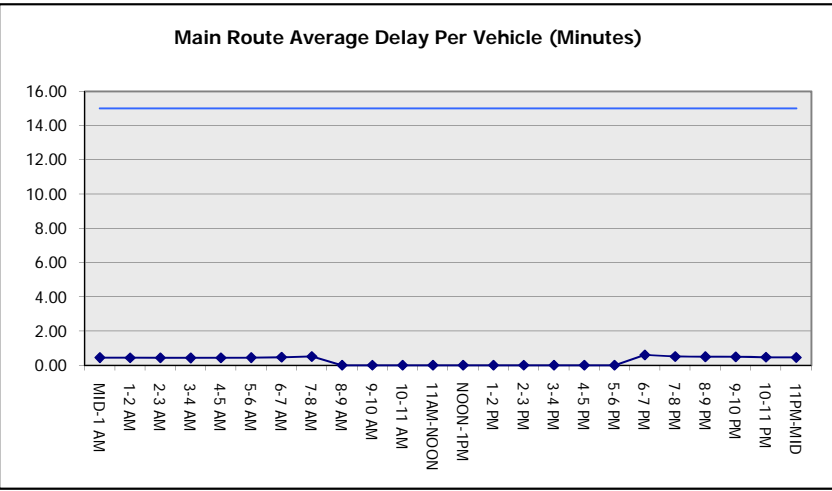
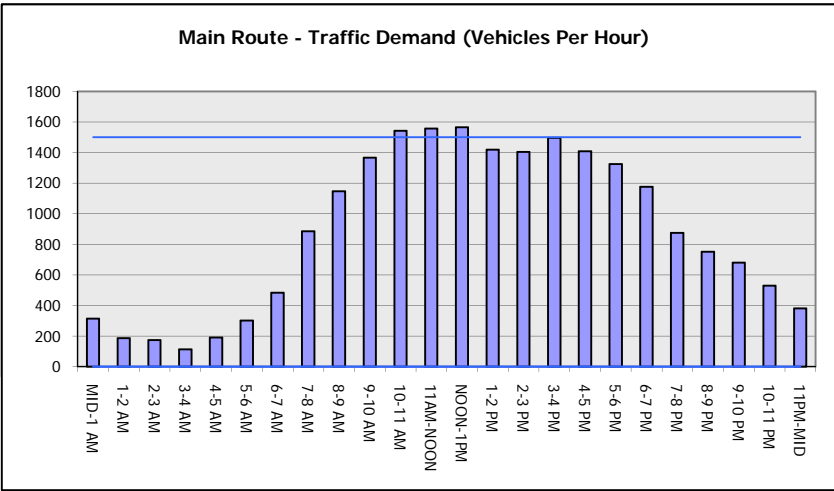
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY SOUTHBOUND DIRECTION



USH 41: STH 441 TO STH 55 (OUTAGMIE AND BROWN COUNTIES) NIGHTTIME 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	319	0.0	1500	319	0	0.45	0	65.8	58.8	44.2
1-2 AM	182	0.0	1500	182	0	0.44	0	66.1	59.2	44.8
2-3 AM	164	0.0	1500	164	0	0.44	0	66.1	59.2	44.8
3-4 AM	102	0.0	1500	102	0	0.43	0	66.2	59.4	45.1
4-5 AM	122	0.0	1500	122	0	0.43	0	66.1	59.4	45.0
5-6 AM	270	0.0	1500	270	0	0.45	0	65.9	58.9	44.4
6-7 AM	472	0.0	1500	472	0	0.47	0	65.5	58.4	43.6
7-8 AM	814	0.0	1500	814	0	0.50	0	64.9	57.4	42.4
8-9 AM	1017	0.0	OFF	1017	0	0.00	0	64.5	64.5	64.5
9-10 AM	1118	0.0	OFF	1118	0	0.00	0	64.3	64.3	64.3
10-11 AM	1426	0.0	OFF	1426	0	0.00	0	63.7	63.7	63.7
11AM-NOON	1605	0.0	OFF	1605	0	0.00	0	63.4	63.4	63.4
NOON-1PM	1640	0.0	OFF	1640	0	0.00	0	63.3	63.3	63.3
1-2 PM	1577	0.0	OFF	1577	0	0.00	0	63.5	63.5	63.5
2-3 PM	1625	0.0	OFF	1625	0	0.00	0	63.3	63.3	63.3
3-4 PM	1511	0.0	OFF	1511	0	0.00	0	63.6	63.6	63.6
4-5 PM	1520	0.0	OFF	1520	0	0.00	0	63.5	63.5	63.5
5-6 PM	1446	0.0	OFF	1446	0	0.00	0	63.7	63.7	63.7
6-7 PM	1178	0.0	1500	1178	0	0.61	0	64.2	55.6	39.2
7-8 PM	955	0.0	1500	955	0	0.51	0	64.6	57.1	41.9
8-9 PM	856	0.0	1500	856	0	0.51	0	64.8	57.3	42.2
9-10 PM	815	0.0	1500	815	0	0.50	0	64.9	57.4	42.4
10-11 PM	623	0.0	1500	623	0	0.48	0	65.2	58.0	43.0
11PM-MID	505	0.0	1500	505	0	0.47	0	65.5	58.3	43.5

"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	0.0146
MAIN ROUTE WITH WORKS	0.0141
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$879
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY NORTHBOUND DIRECTION

