

USH 41: STH 441 TO STH 55 (OUTAGMIE AND BROWN COUNTIES) 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	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	1500	1146	0	0.57	0	64.3	56.1	40.2
9-10 AM	1366	0.0	1499	1366	0	0.85	0	63.8	52.5	33.8
10-11 AM	1543	0.0	1499	1543	0	1.57	15	63.5	45.5	30.8
11AM-NOON	1557	0.0	1499	1557	0	3.61	70	63.5	33.2	30.8
NOON-1PM	1566	0.0	1500	1566	0	6.07	137	63.5	25.1	30.8
1-2 PM	1419	0.0	1499	1419	0	5.81	130	63.7	25.8	30.8
2-3 PM	1404	0.0	1499	1404	0	2.15	35	63.8	41.3	31.7
3-4 PM	1496	0.0	1500	1496	0	1.02	0	63.6	50.6	30.9
4-5 PM	1409	0.0	1500	1409	0	0.91	0	63.8	51.9	32.8
5-6 PM	1325	0.0	1500	1325	0	0.80	0	63.9	53.2	34.8
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

----- 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	0.0128
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$10,568
CONGESTED HOURS PER DAY*	0

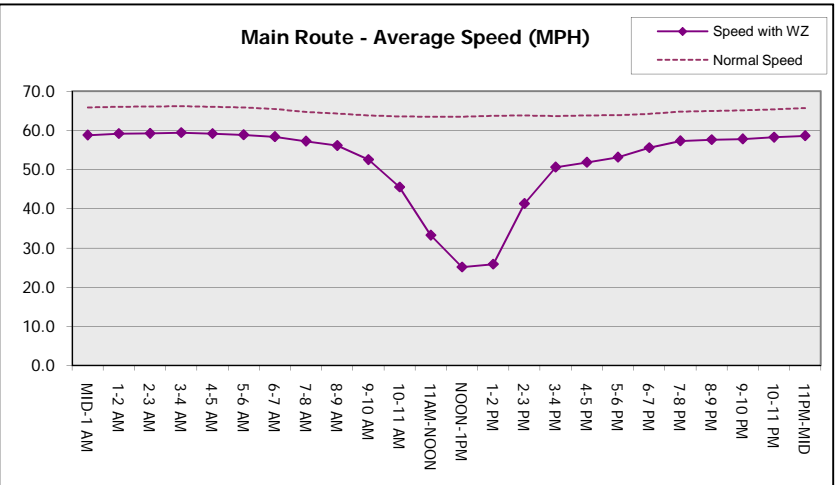
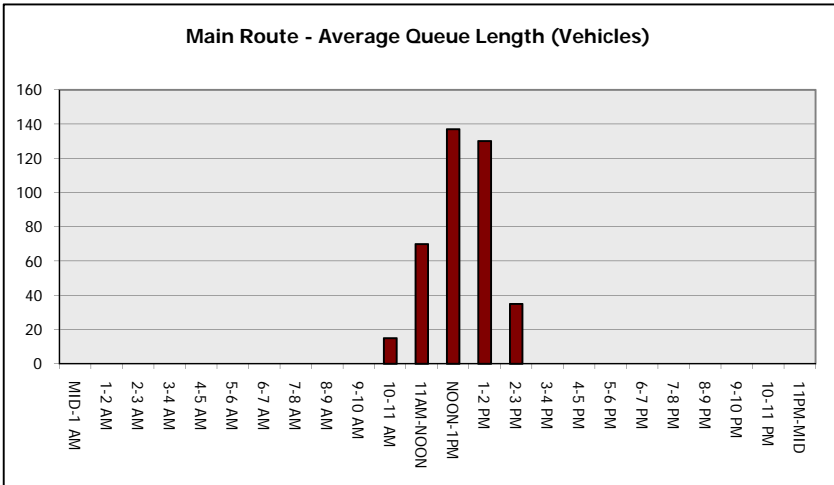
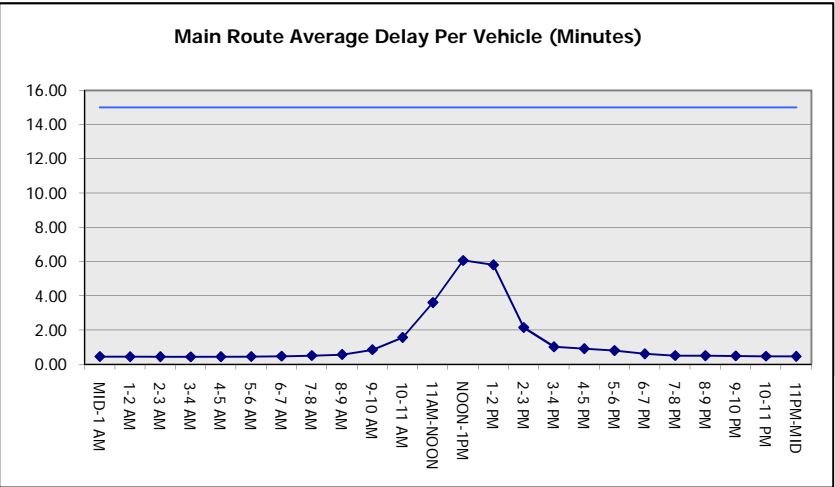
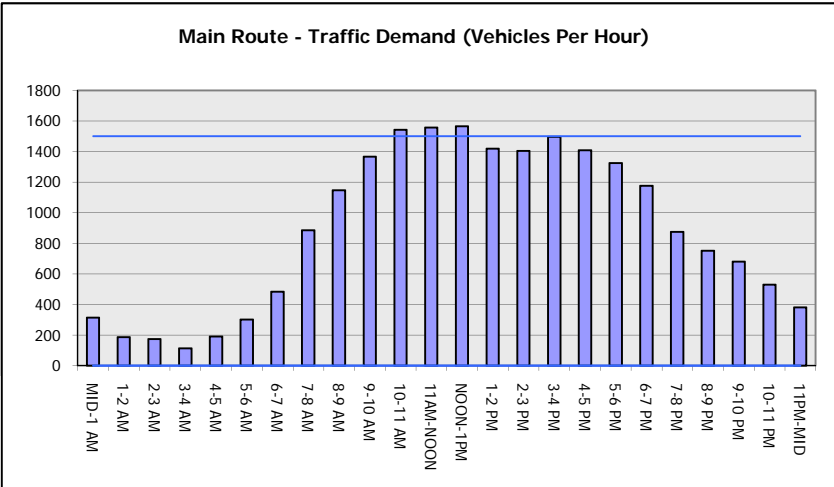
*Delays Exceeding User-Specified Maximum

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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) CONTINUOUS (24 HOUR) 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	1500	1017	0	0.52	0	64.5	56.9	41.6
9-10 AM	1118	0.0	1500	1118	0	0.53	0	64.3	56.6	41.3
10-11 AM	1426	0.0	1499	1426	0	0.93	0	63.7	51.6	32.4
11AM-NOON	1605	0.0	1499	1605	0	2.56	45	63.4	38.5	30.8
NOON-1PM	1640	0.0	1500	1640	0	7.35	175	63.3	22.2	30.8
1-2 PM	1577	0.0	1499	1577	0	11.48	283	63.5	16.3	30.8
2-3 PM	1625	0.0	1500	1567	59	14.95+	377	63.3	13.3	30.8
3-4 PM	1511	0.0	1500	1511	0	15.73+	396	63.6	12.8	30.8
4-5 PM	1520	0.0	1499	1500	20	15.85+	399	63.5	12.7	30.8
5-6 PM	1446	0.0	1500	1446	0	15.20+	382	63.7	13.2	30.8
6-7 PM	1178	0.0	1499	1178	0	7.27	199	64.2	22.5	33.3
7-8 PM	955	0.0	1500	955	0	0.53	0	64.6	56.8	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

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- 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	0.0131
'DIVERSION'	0.0001

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$39,573
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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SATURDAY NORTHBOUND DIRECTION

