

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

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	379	0.0	1500	379	0	0.46	0	65.7	58.7	44.0
1-2 AM	190	0.0	1500	190	0	0.44	0	66.0	59.2	44.7
2-3 AM	192	0.0	1500	192	0	0.44	0	66.0	59.2	44.7
3-4 AM	120	0.0	1500	120	0	0.43	0	66.1	59.4	45.0
4-5 AM	124	0.0	1500	124	0	0.43	0	66.1	59.4	45.0
5-6 AM	187	0.0	1500	187	0	0.44	0	66.0	59.2	44.7
6-7 AM	296	0.0	1500	296	0	0.45	0	65.8	58.9	44.3
7-8 AM	461	0.0	1500	461	0	0.47	0	65.5	58.4	43.7
8-9 AM	674	0.0	1500	674	0	0.49	0	65.1	57.8	42.8
9-10 AM	981	0.0	1500	981	0	0.52	0	64.6	57.0	41.7
10-11 AM	1377	0.0	1500	1377	0	0.87	0	63.8	52.4	33.5
11AM-NOON	1380	0.0	1499	1380	0	0.87	0	63.8	52.3	33.5
NOON-1PM	1582	0.0	1499	1582	0	2.25	35	63.5	40.5	30.8
1-2 PM	1553	0.0	1499	1553	0	5.13	111	63.5	27.7	30.8
2-3 PM	1490	0.0	1499	1490	0	5.83	129	63.6	25.7	30.8
3-4 PM	1583	0.0	1500	1583	0	7.12	166	63.5	22.7	30.8
4-5 PM	1520	0.0	1499	1520	0	9.30	223	63.5	19.0	30.8
5-6 PM	1442	0.0	1499	1442	0	8.89	213	63.7	19.6	30.8
6-7 PM	1108	0.0	1499	1108	0	1.73	43	64.3	44.6	38.4
7-8 PM	973	0.0	1500	973	0	0.52	0	64.6	57.0	41.8
8-9 PM	698	0.0	1500	698	0	0.49	0	65.1	57.8	42.8
9-10 PM	535	0.0	1500	535	0	0.47	0	65.4	58.2	43.3
10-11 PM	361	0.0	1500	361	0	0.46	0	65.7	58.7	44.0
11PM-MID	243	0.0	1500	243	0	0.45	0	66.0	59.1	44.5

----- 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	0.0130
MAIN ROUTE WITH WORKS	0.0117
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$18,278
CONGESTED HOURS PER DAY*	0

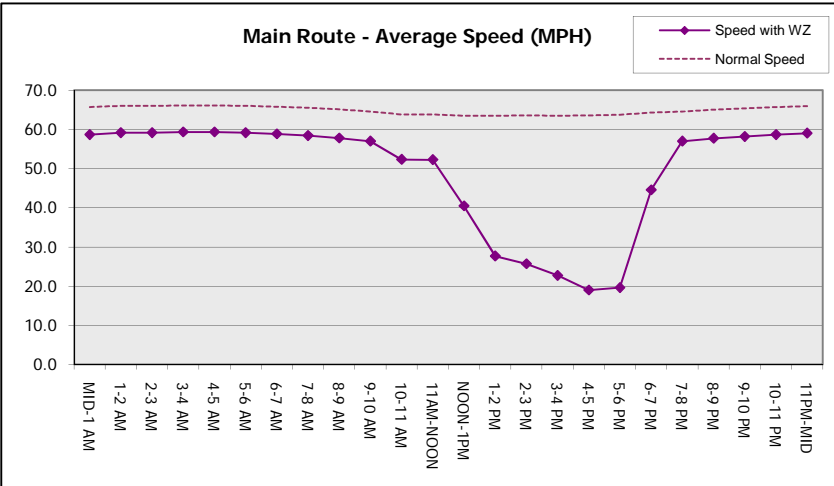
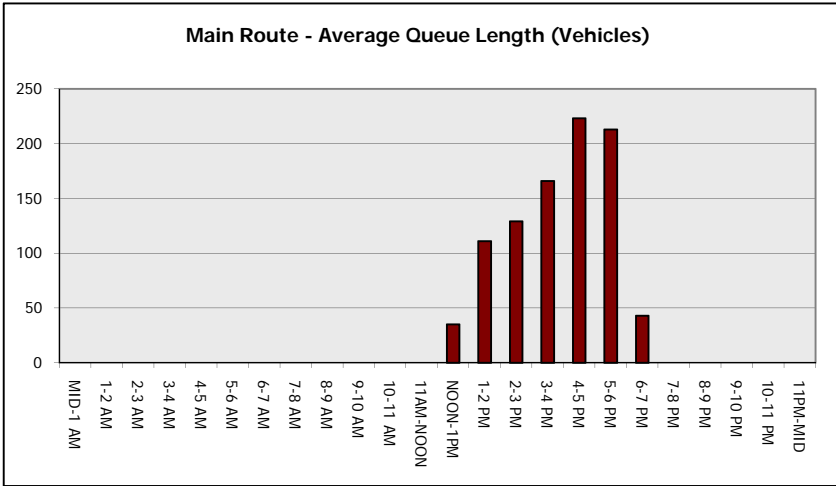
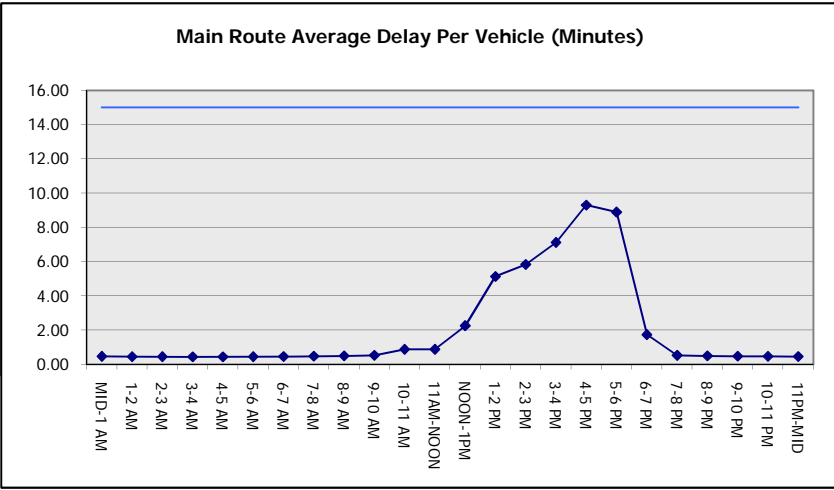
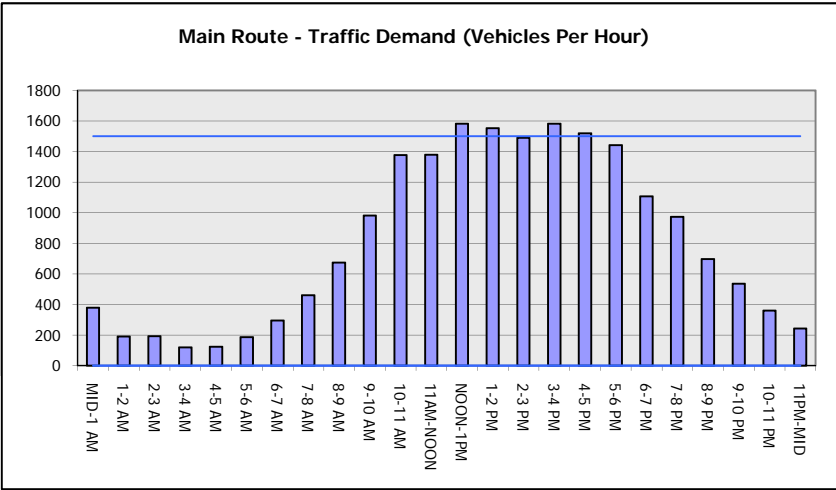
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY SOUTHBOUND DIRECTION



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

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	298	0.0	1500	298	0	0.45	0	65.8	58.9	44.3
1-2 AM	184	0.0	1500	184	0	0.44	0	66.0	59.2	44.8
2-3 AM	225	0.0	1500	225	0	0.44	0	66.0	59.1	44.6
3-4 AM	115	0.0	1500	115	0	0.43	0	66.2	59.4	45.0
4-5 AM	102	0.0	1500	102	0	0.43	0	66.2	59.4	45.1
5-6 AM	178	0.0	1500	178	0	0.44	0	66.1	59.2	44.8
6-7 AM	240	0.0	1500	240	0	0.45	0	66.0	59.1	44.5
7-8 AM	360	0.0	1500	360	0	0.46	0	65.7	58.7	44.0
8-9 AM	523	0.0	1500	523	0	0.47	0	65.4	58.2	43.4
9-10 AM	797	0.0	1500	797	0	0.50	0	64.9	57.5	42.4
10-11 AM	972	0.0	1500	972	0	0.52	0	64.6	57.0	41.8
11AM-NOON	1169	0.0	1500	1169	0	0.60	0	64.2	55.7	39.4
NOON-1PM	1354	0.0	1500	1354	0	0.84	0	63.8	52.7	34.1
1-2 PM	1340	0.0	1500	1340	0	0.82	0	63.9	52.9	34.5
2-3 PM	1437	0.0	1499	1437	0	0.94	0	63.7	51.4	32.1
3-4 PM	1512	0.0	1499	1512	0	1.14	3	63.6	49.4	30.8
4-5 PM	1551	0.0	1500	1551	0	2.57	42	63.5	38.5	30.8
5-6 PM	1380	0.0	1499	1380	0	1.70	24	63.8	44.6	32.7
6-7 PM	1202	0.0	1500	1202	0	0.64	0	64.1	55.1	38.4
7-8 PM	993	0.0	1500	993	0	0.52	0	64.5	56.9	41.7
8-9 PM	785	0.0	1500	785	0	0.50	0	64.9	57.5	42.4
9-10 PM	499	0.0	1500	499	0	0.47	0	65.5	58.3	43.5
10-11 PM	420	0.0	1500	420	0	0.46	0	65.6	58.6	43.8
11PM-MID	208	0.0	1500	208	0	0.44	0	66.0	59.1	44.6

----- 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	0.0119
MAIN ROUTE WITH WORKS	0.0108
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,566
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY NORTHBOUND DIRECTION

