

<b>USH 41: STH 441 TO STH 55 (OUTAGMIE AND BROWN COUNTIES)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	346	0.0	1500	346	0	0.46	0	65.8	58.7	44.1
1-2 AM	189	0.0	1500	189	0	0.44	0	66.0	59.2	44.7
2-3 AM	169	0.0	1500	169	0	0.44	0	66.1	59.2	44.8
3-4 AM	153	0.0	1500	153	0	0.44	0	66.1	59.3	44.9
4-5 AM	198	0.0	1500	198	0	0.44	0	66.0	59.2	44.7
5-6 AM	317	0.0	1500	317	0	0.45	0	65.8	58.8	44.2
6-7 AM	496	0.0	1500	496	0	0.47	0	65.5	58.3	43.5
7-8 AM	757	0.0	1500	757	0	0.50	0	65.0	57.6	42.5
8-9 AM	1026	0.0	1500	1026	0	0.52	0	64.5	56.9	41.6
9-10 AM	1226	0.0	1499	1226	0	0.67	0	64.1	54.8	37.7
10-11 AM	1491	0.0	1499	1491	0	1.14	4	63.6	49.4	31.4
11AM-NOON	1586	0.0	1500	1586	0	2.94	54	63.4	36.5	30.8
NOON-1PM	1692	0.0	1500	1692	0	8.09	199	63.2	20.9	30.8
1-2 PM	1612	0.0	1499	1612	0	14.28+	359	63.4	13.8	30.8
2-3 PM	1443	0.0	1499	1437	6	15.07+	379	63.7	13.2	30.8
3-4 PM	1454	0.0	1500	1454	0	13.01	323	63.7	14.8	30.8
4-5 PM	1405	0.0	1499	1405	0	10.44	255	63.8	17.5	30.8
5-6 PM	1343	0.0	1499	1343	0	5.79	136	63.9	25.9	31.5
6-7 PM	1073	0.0	1500	1073	0	0.65	3	64.4	55.3	40.8
7-8 PM	771	0.0	1500	771	0	0.50	0	65.0	57.6	42.5
8-9 PM	760	0.0	1500	760	0	0.50	0	65.0	57.6	42.5
9-10 PM	652	0.0	1500	652	0	0.49	0	65.1	57.9	42.9
10-11 PM	591	0.0	1500	591	0	0.48	0	65.3	58.1	43.2
11PM-MID	509	0.0	1500	509	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	0.0142
MAIN ROUTE WITH WORKS	0.0128
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$30,912
CONGESTED HOURS PER DAY*	2

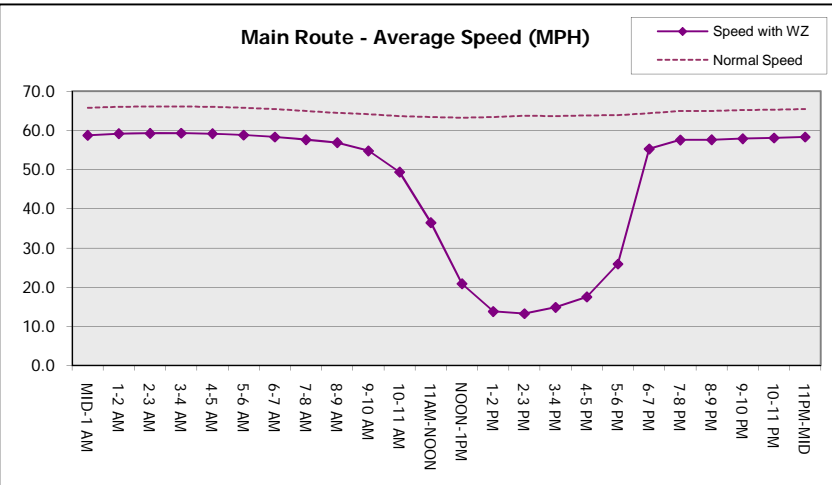
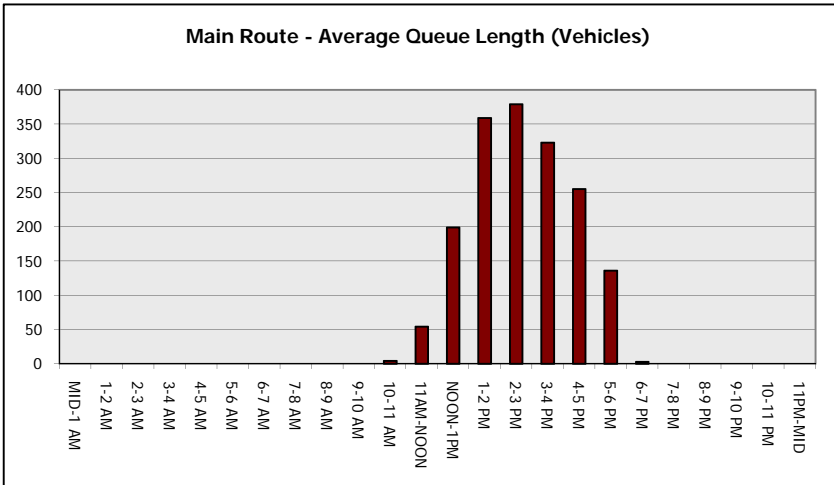
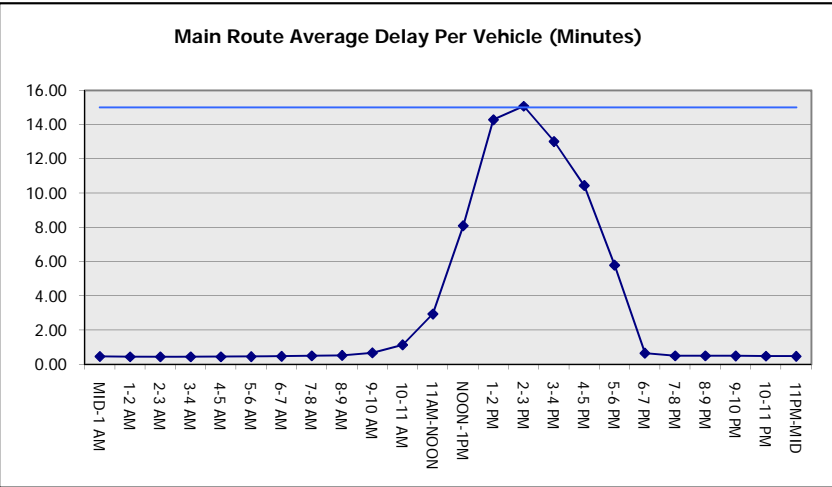
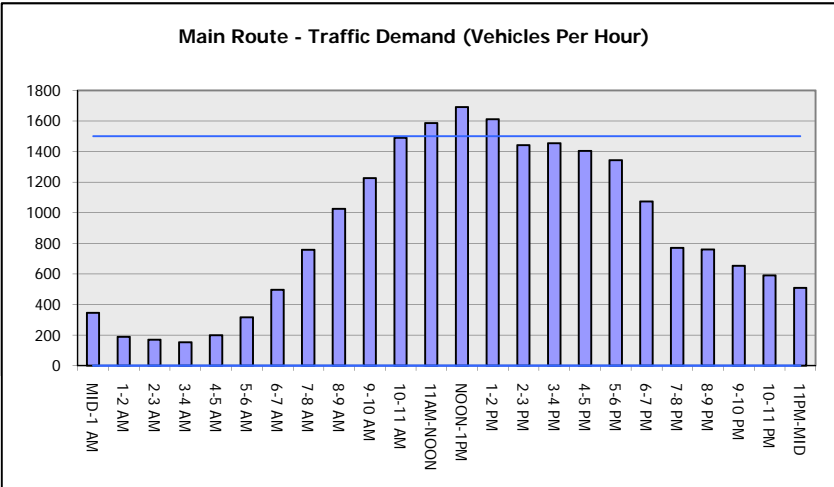
\*Delays Exceeding User-Specified Maximum

**USH 41: STH 441 TO STH 55 (OUTAGMIE AND BROWN COUNTIES)  
 CONTINUOUS (24 HOUR) CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SATURDAY SOUTHBOUND DIRECTION**



<b>USH 41: STH 441 TO STH 55 (OUTAGMIE AND BROWN COUNTIES)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**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	373	0.0	1500	373	0	0.46	0	65.7	58.7	44.0
1-2 AM	230	0.0	1500	230	0	0.44	0	66.0	59.1	44.6
2-3 AM	221	0.0	1500	221	0	0.44	0	66.0	59.1	44.6
3-4 AM	117	0.0	1500	117	0	0.43	0	66.1	59.4	45.0
4-5 AM	171	0.0	1500	171	0	0.44	0	66.1	59.2	44.8
5-6 AM	267	0.0	1500	267	0	0.45	0	65.9	59.0	44.4
6-7 AM	393	0.0	1500	393	0	0.46	0	65.6	58.6	43.9
7-8 AM	700	0.0	1500	700	0	0.49	0	65.1	57.8	42.8
8-9 AM	900	0.0	1500	900	0	0.51	0	64.7	57.2	42.0
9-10 AM	1201	0.0	1499	1201	0	0.64	0	64.1	55.2	38.6
10-11 AM	1545	0.0	1499	1545	0	1.41	11	63.5	46.9	30.8
11AM-NOON	1566	0.0	1499	1566	0	3.85	77	63.5	32.2	30.8
NOON-1PM	1553	0.0	1499	1553	0	6.11	138	63.5	25.0	30.8
1-2 PM	1546	0.0	1499	1546	0	7.87	185	63.5	21.3	30.8
2-3 PM	1619	0.0	1500	1619	0	10.96	271	63.3	16.9	30.8
3-4 PM	1509	0.0	1499	1509	0	13.58	338	63.6	14.3	30.8
4-5 PM	1465	0.0	1499	1465	0	13.05	324	63.7	14.8	30.8
5-6 PM	1397	0.0	1500	1397	0	10.81	265	63.8	17.1	30.8
6-7 PM	1008	0.0	1500	1008	0	1.70	47	64.5	44.9	39.7
7-8 PM	837	0.0	1500	837	0	0.50	0	64.8	57.4	42.2
8-9 PM	892	0.0	1500	892	0	0.51	0	64.7	57.3	42.0
9-10 PM	865	0.0	1500	865	0	0.51	0	64.8	57.3	42.2
10-11 PM	759	0.0	1500	759	0	0.50	0	65.0	57.6	42.5
11PM-MID	459	0.0	1500	459	0	0.47	0	65.5	58.4	43.7

*----- 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	0.0144
MAIN ROUTE WITH WORKS	0.0130
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$30,145
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 41: STH 441 TO STH 55 (OUTAGMIE AND BROWN COUNTIES)  
 CONTINUOUS (24 HOUR) CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY NORTHBOUND DIRECTION**

