

<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**

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	358	0.0	1500	358	0	0.46	0	65.7	58.7	44.0	
1-2 AM	207	0.0	1500	207	0	0.44	0	66.0	59.1	44.6	
2-3 AM	173	0.0	1500	173	0	0.44	0	66.1	59.2	44.8	
3-4 AM	113	0.0	1500	113	0	0.43	0	66.2	59.4	45.0	
4-5 AM	132	0.0	1500	132	0	0.44	0	66.1	59.4	45.0	
5-6 AM	234	0.0	1500	234	0	0.45	0	66.0	59.1	44.5	
6-7 AM	275	0.0	1500	275	0	0.45	0	65.9	58.9	44.4	
7-8 AM	363	0.0	1500	363	0	0.46	0	65.7	58.7	44.0	
8-9 AM	653	0.0	1500	653	0	0.49	0	65.1	57.9	42.9	
9-10 AM	923	0.0	1500	923	0	0.51	0	64.6	57.1	41.9	
10-11 AM	1339	0.0	1499	1339	0	0.81	0	63.9	53.0	34.6	
11AM-NOON	1612	0.0	1499	1612	0	2.36	40	63.4	39.8	30.8	
NOON-1PM	1826	0.0	1500	1826	0	10.30+	270	63.0	17.6	30.8	
1-2 PM	1758	0.0	1499	1479	279	15.74+	397	63.1	12.8	30.8	
2-3 PM	1777	0.0	1500	1500	277	15.82+	400	63.1	12.7	30.8	
3-4 PM	1784	0.0	1500	1500	284	15.82+	400	63.0	12.7	30.8	
4-5 PM	1645	0.0	1500	1489	156	15.79+	398	63.3	12.7	30.8	
5-6 PM	1436	0.0	1499	1433	3	15.07+	379	63.7	13.2	30.8	
6-7 PM	1383	0.0	1500	1383	0	11.71	290	63.8	16.1	30.8	
7-8 PM	1120	0.0	1499	1120	0	2.43	74	64.3	39.7	37.6	
8-9 PM	953	0.0	1500	953	0	0.51	0	64.6	57.1	41.9	
9-10 PM	716	0.0	1500	716	0	0.49	0	65.1	57.7	42.7	
10-11 PM	453	0.0	1500	453	0	0.47	0	65.5	58.4	43.7	
11PM-MID	289	0.0	1500	289	0	0.45	0	65.8	58.9	44.3	

+ 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

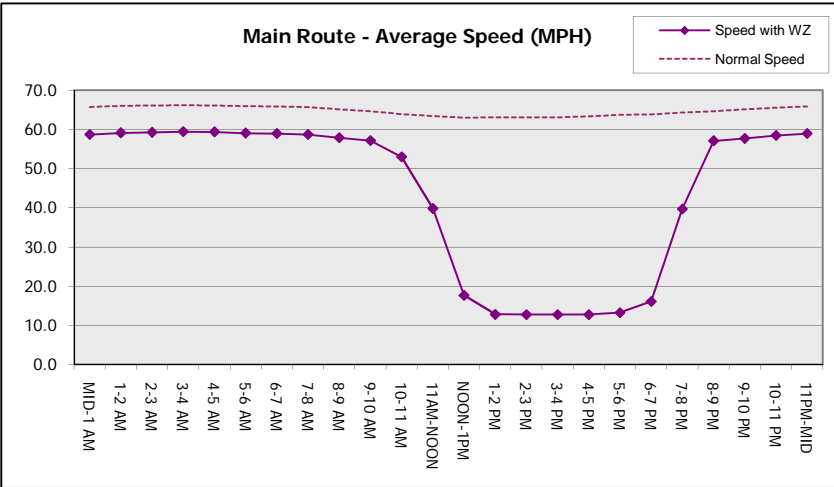
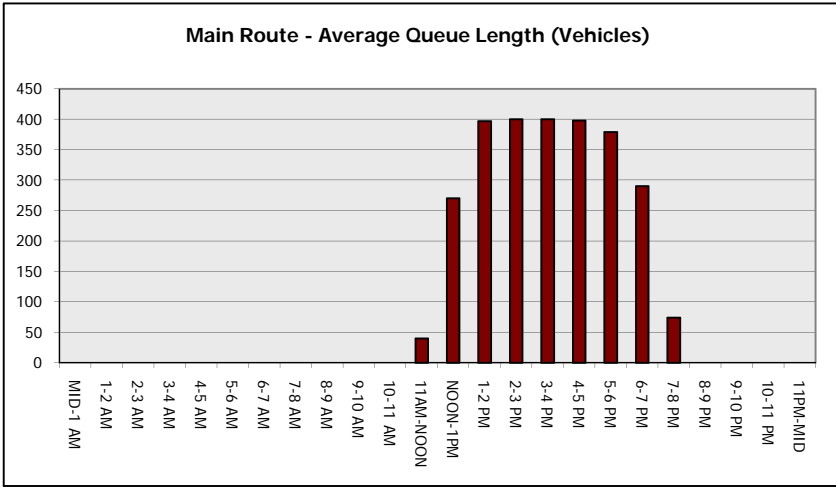
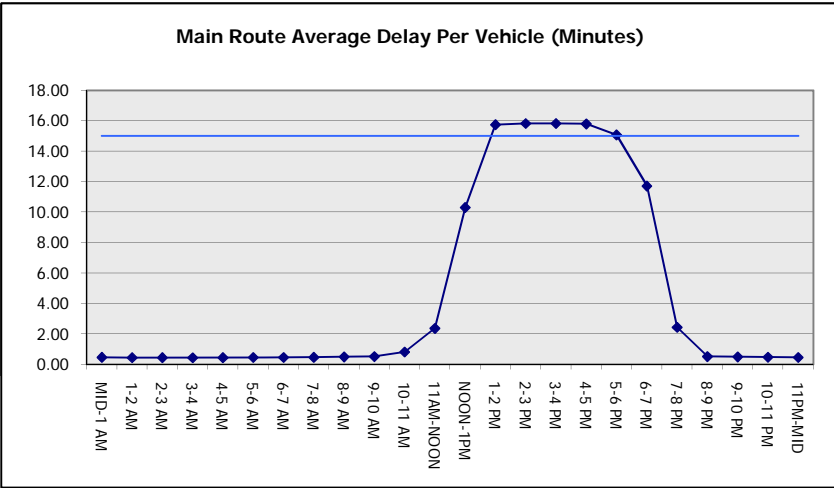
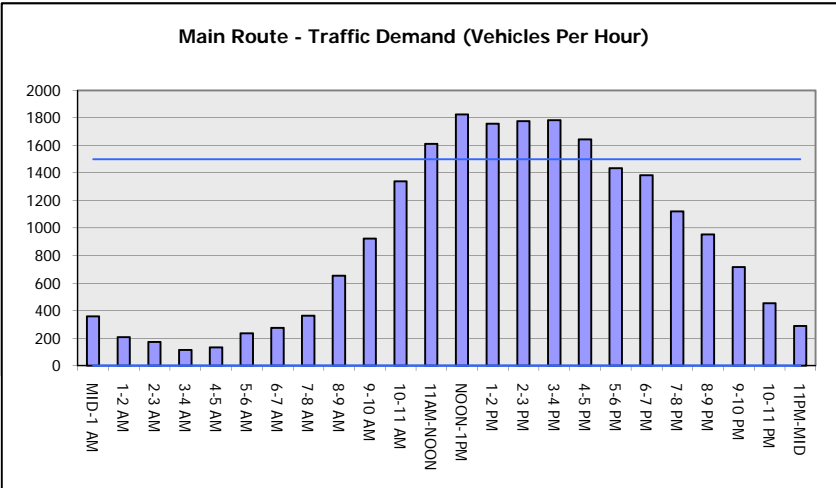
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0144
MAIN ROUTE WITH WORKS	0.0124
'DIVERSION'	0.0015
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$49,942
CONGESTED HOURS PER DAY*	6

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
Analyzed for 2009  
Construction Season

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

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	278	0.0	1500	278	0	0.45	0	65.9	58.9	44.4
1-2 AM	350	0.0	1500	350	0	0.46	0	65.8	58.7	44.1
2-3 AM	418	0.0	1500	418	0	0.46	0	65.6	58.6	43.8
3-4 AM	151	0.0	1500	151	0	0.44	0	66.1	59.3	44.9
4-5 AM	99	0.0	1500	99	0	0.43	0	66.2	59.4	45.1
5-6 AM	174	0.0	1500	174	0	0.44	0	66.1	59.2	44.8
6-7 AM	323	0.0	1500	323	0	0.45	0	65.8	58.8	44.2
7-8 AM	339	0.0	1500	339	0	0.46	0	65.8	58.7	44.2
8-9 AM	515	0.0	1500	515	0	0.47	0	65.5	58.2	43.5
9-10 AM	793	0.0	1500	793	0	0.50	0	64.9	57.5	42.4
10-11 AM	1018	0.0	1500	1018	0	0.52	0	64.5	56.9	41.6
11AM-NOON	1311	0.0	1499	1311	0	0.78	0	64.0	53.4	35.3
NOON-1PM	1527	0.0	1499	1527	0	1.35	9	63.5	47.4	30.8
1-2 PM	1444	0.0	1499	1444	0	1.22	7	63.7	48.7	31.7
2-3 PM	1475	0.0	1499	1475	0	0.99	0	63.7	50.9	31.3
3-4 PM	1564	0.0	1499	1564	0	2.13	31	63.5	41.4	30.8
4-5 PM	1489	0.0	1499	1489	0	3.40	64	63.6	34.2	30.8
5-6 PM	1383	0.0	1499	1383	0	1.49	18	63.8	46.3	32.8
6-7 PM	1152	0.0	1500	1152	0	0.57	0	64.2	56.0	40.1
7-8 PM	1037	0.0	1500	1037	0	0.52	0	64.5	56.8	41.5
8-9 PM	869	0.0	1500	869	0	0.51	0	64.8	57.3	42.2
9-10 PM	618	0.0	1500	618	0	0.48	0	65.2	58.0	43.0
10-11 PM	518	0.0	1500	518	0	0.47	0	65.4	58.2	43.4
11PM-MID	362	0.0	1500	362	0	0.46	0	65.7	58.7	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	0.0128
MAIN ROUTE WITH WORKS	0.0116
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$5,991
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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