

<b>USH 41: STH 15 TO STH 125 (OUTAGAMIE COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                  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	197	0.0	3000	197	0	0.36	0	70.2	56.9	49.7
1-2 AM	130	0.0	3000	130	0	0.36	0	70.2	56.9	49.7
2-3 AM	130	0.0	3000	130	0	0.36	0	70.2	56.9	49.7
3-4 AM	149	0.0	3000	149	0	0.36	0	70.2	56.9	49.7
4-5 AM	321	0.0	3000	321	0	0.36	0	70.2	56.9	49.7
5-6 AM	973	0.0	3000	973	0	0.35	0	69.6	56.7	49.7
6-7 AM	1855	0.0	3000	1855	0	0.34	0	68.4	56.4	49.7
7-8 AM	2776	0.0	3000	2776	0	0.58	0	67.3	49.4	41.0
8-9 AM	1859	0.0	3000	1859	0	0.34	0	68.4	56.4	49.7
9-10 AM	1476	0.0	3000	1476	0	0.34	0	68.9	56.5	49.7
10-11 AM	1518	0.0	3000	1518	0	0.34	0	68.9	56.5	49.7
11AM-NOON	1682	0.0	3000	1682	0	0.34	0	68.6	56.4	49.7
NOON-1PM	1836	0.0	3000	1836	0	0.34	0	68.4	56.4	49.7
1-2 PM	2027	0.0	3000	2027	0	0.33	0	68.2	56.3	49.7
2-3 PM	2191	0.0	3000	2191	0	0.33	0	68.0	56.3	49.7
3-4 PM	2308	0.0	3000	2308	0	0.33	0	67.9	56.2	49.7
4-5 PM	2699	0.0	3000	2699	0	0.53	0	67.4	50.6	42.5
5-6 PM	2513	0.0	3000	2513	0	0.41	0	67.6	53.8	46.5
6-7 PM	1607	0.0	3000	1607	0	0.34	0	68.7	56.5	49.7
7-8 PM	1216	0.0	3000	1216	0	0.35	0	69.2	56.6	49.7
8-9 PM	1131	0.0	3000	1131	0	0.35	0	69.3	56.6	49.7
9-10 PM	969	0.0	3000	969	0	0.35	0	69.6	56.7	49.7
10-11 PM	630	0.0	3000	630	0	0.36	0	69.9	56.8	49.7
11PM-MID	328	0.0	3000	328	0	0.36	0	70.2	56.9	49.7

*----- 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

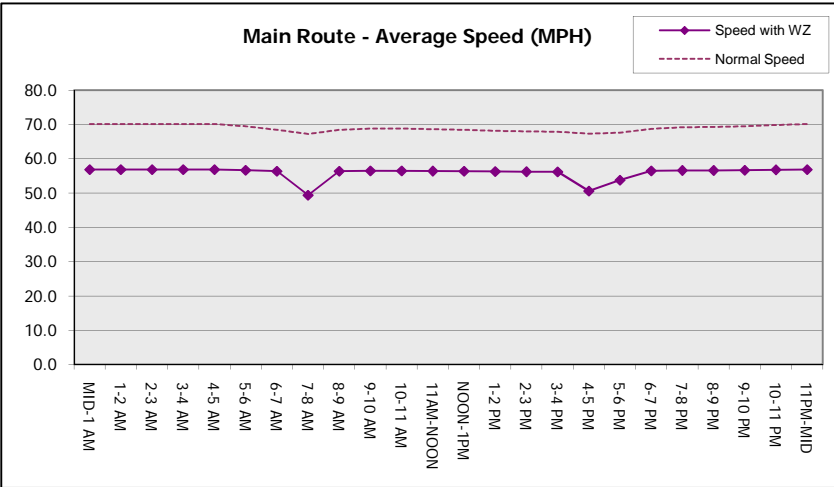
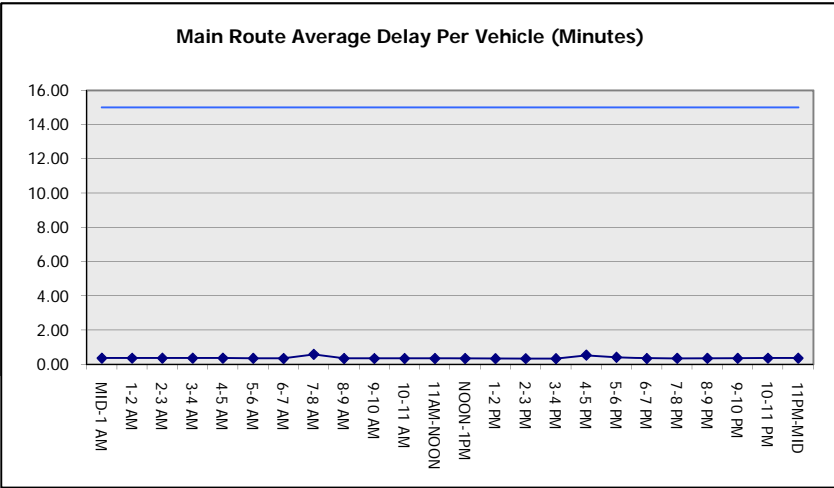
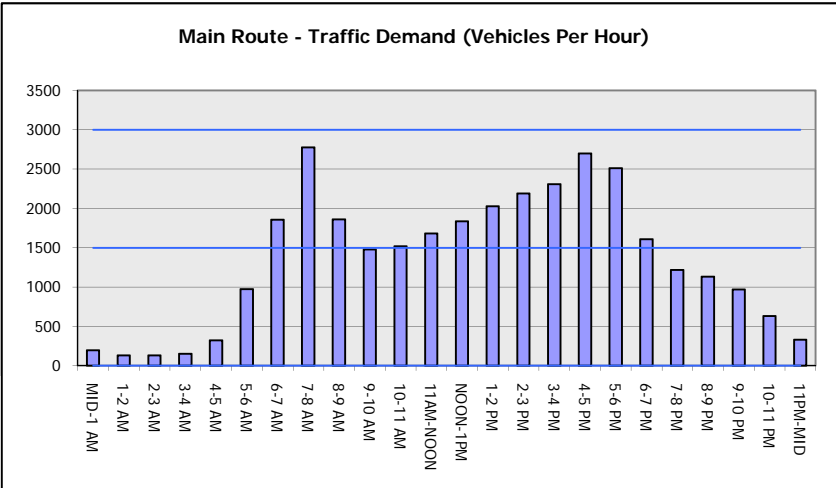
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0093
MAIN ROUTE WITH WORKS	0.0072
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,521
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR SOUTHBOUND DIRECTION**



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**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	190	0.0	3000	190	0	0.36	0	70.2	56.9	49.7
1-2 AM	132	0.0	3000	132	0	0.36	0	70.2	56.9	49.7
2-3 AM	113	0.0	3000	113	0	0.36	0	70.2	56.9	49.7
3-4 AM	118	0.0	3000	118	0	0.36	0	70.2	56.9	49.7
4-5 AM	256	0.0	3000	256	0	0.36	0	70.2	56.9	49.7
5-6 AM	742	0.0	3000	742	0	0.35	0	69.8	56.8	49.7
6-7 AM	1481	0.0	3000	1481	0	0.34	0	68.9	56.5	49.7
7-8 AM	2395	0.0	3000	2395	0	0.33	0	67.8	56.1	49.5
8-9 AM	1889	0.0	3000	1889	0	0.34	0	68.4	56.4	49.7
9-10 AM	1631	0.0	3000	1631	0	0.34	0	68.7	56.4	49.7
10-11 AM	1684	0.0	3000	1684	0	0.34	0	68.6	56.4	49.7
11AM-NOON	1814	0.0	3000	1814	0	0.34	0	68.5	56.4	49.7
NOON-1PM	1838	0.0	3000	1838	0	0.34	0	68.4	56.4	49.7
1-2 PM	1851	0.0	3000	1851	0	0.34	0	68.4	56.4	49.7
2-3 PM	2142	0.0	3000	2142	0	0.33	0	68.1	56.3	49.7
3-4 PM	2642	0.0	2999	2642	0	0.49	0	67.4	51.6	43.8
4-5 PM	3112	0.0	2999	3112	0	1.64	54	66.9	33.2	37.3
5-6 PM	2691	0.0	2999	2691	0	1.07	41	67.4	40.5	42.0
6-7 PM	1725	0.0	3000	1725	0	0.34	0	68.6	56.4	49.7
7-8 PM	1120	0.0	3000	1120	0	0.35	0	69.4	56.6	49.7
8-9 PM	921	0.0	3000	921	0	0.35	0	69.6	56.8	49.7
9-10 PM	721	0.0	3000	721	0	0.36	0	69.9	56.8	49.7
10-11 PM	572	0.0	3000	572	0	0.36	0	70.0	56.9	49.7
11PM-MID	358	0.0	3000	358	0	0.36	0	70.2	56.9	49.7

*----- 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	0.0092
MAIN ROUTE WITH WORKS	0.0071
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,523
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

