

<b>IH 43: STH 57/167 TO STH 100 (MILWAUKEE AND OZAUKEE COUNTIES)</b> <b>NIGHTTIME CLOSURE</b> <b>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	205	0.0	1500	205	0	0.44	0	66.0	57.1	44.6
1-2 AM	117	0.0	1500	117	0	0.43	0	66.1	57.3	45.0
2-3 AM	103	0.0	1500	103	0	0.43	0	66.2	57.4	45.1
3-4 AM	144	0.0	1500	144	0	0.44	0	66.1	57.3	44.9
4-5 AM	345	0.0	1500	345	0	0.46	0	65.8	56.6	44.1
5-6 AM	1024	0.0	OFF	1024	0	0.00	0	64.5	64.5	64.5
6-7 AM	2569	0.0	OFF	2569	0	0.00	0	60.2	60.2	60.2
7-8 AM	3485	0.0	OFF	3485	0	0.00	0	50.8	50.8	50.8
8-9 AM	2928	0.0	OFF	2928	0	0.00	0	56.5	56.5	56.5
9-10 AM	2016	0.0	OFF	2016	0	0.00	0	62.7	62.7	62.7
10-11 AM	1940	0.0	OFF	1940	0	0.00	0	62.8	62.8	62.8
11AM-NOON	2103	0.0	OFF	2103	0	0.00	0	62.5	62.5	62.5
NOON-1PM	2161	0.0	OFF	2161	0	0.00	0	62.3	62.3	62.3
1-2 PM	2088	0.0	OFF	2088	0	0.00	0	62.5	62.5	62.5
2-3 PM	2286	0.0	OFF	2286	0	0.00	0	62.1	62.1	62.1
3-4 PM	2617	0.0	OFF	2617	0	0.00	0	59.7	59.7	59.7
4-5 PM	2651	0.0	OFF	2651	0	0.00	0	59.4	59.4	59.4
5-6 PM	2898	0.0	OFF	2898	0	0.00	0	56.8	56.8	56.8
6-7 PM	2039	0.0	OFF	2039	0	0.00	0	62.6	62.6	62.6
7-8 PM	1472	0.0	1499	1472	0	1.48	15	63.7	42.3	32.0
8-9 PM	1204	0.0	1500	1204	0	0.64	0	64.1	52.5	38.3
9-10 PM	979	0.0	1500	979	0	0.52	0	64.6	54.7	41.7
10-11 PM	682	0.0	1500	682	0	0.49	0	65.1	55.6	42.8
11PM-MID	393	0.0	1500	393	0	0.46	0	65.6	56.4	43.9

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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

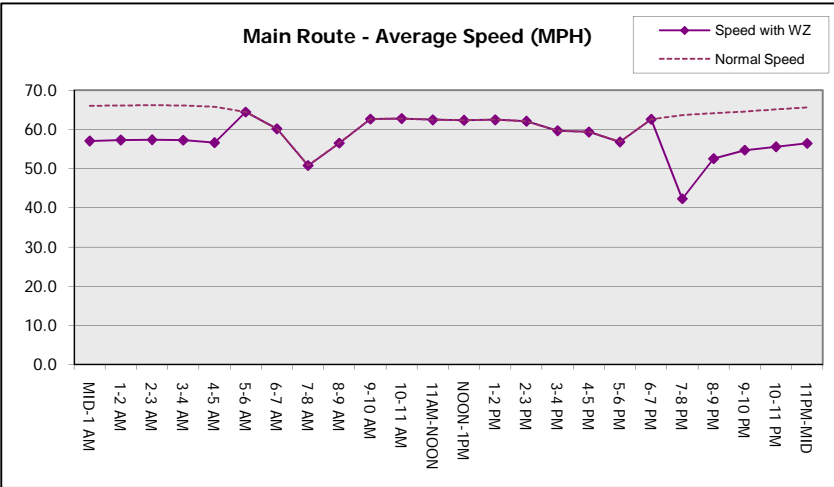
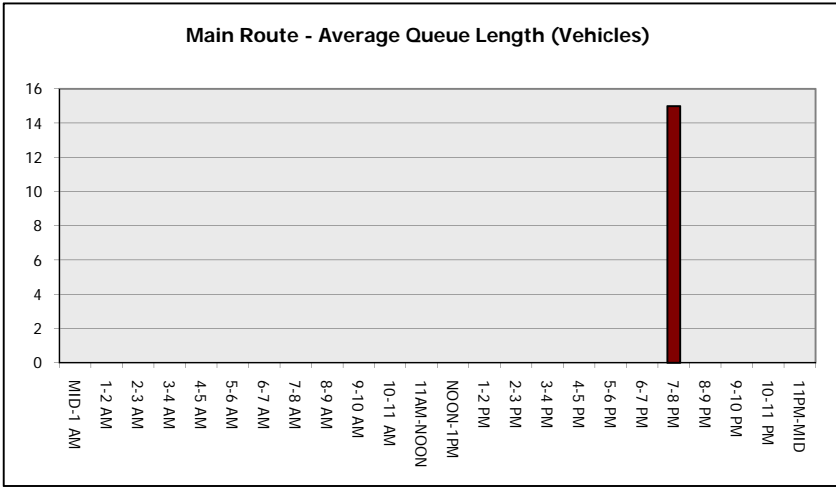
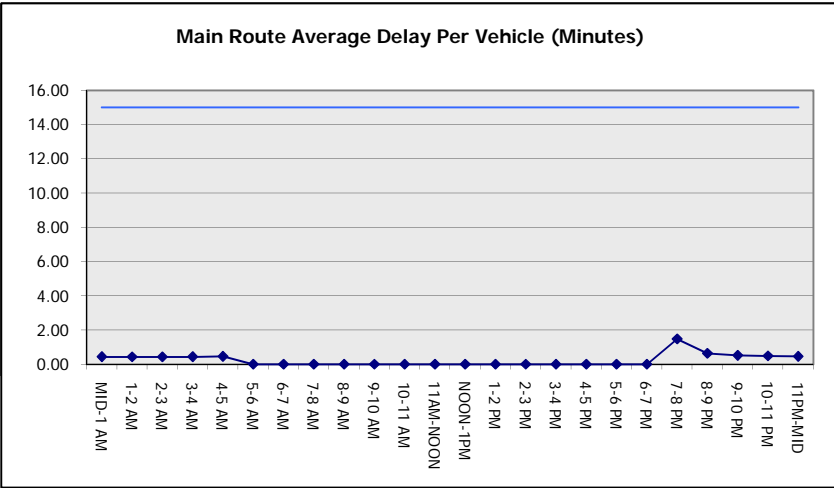
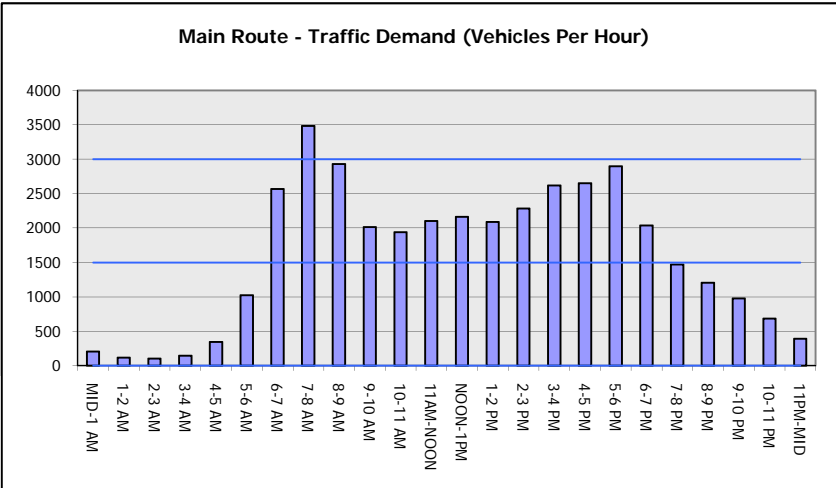
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0190
MAIN ROUTE WITH WORKS	0.0186
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,020
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

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



<b>IH 43: STH 57/167 TO STH 100 (MILWAUKEE AND OZAUKEE COUNTIES)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**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	261	0.0	1500	261	0	0.45	0	65.9	56.9	44.5
1-2 AM	165	0.0	1500	165	0	0.44	0	66.1	57.2	44.8
2-3 AM	130	0.0	1500	130	0	0.44	0	66.1	57.3	45.0
3-4 AM	121	0.0	1500	121	0	0.43	0	66.1	57.3	45.0
4-5 AM	221	0.0	1500	221	0	0.44	0	66.0	57.0	44.6
5-6 AM	678	0.0	OFF	678	0	0.00	0	65.1	65.1	65.1
6-7 AM	1572	0.0	OFF	1572	0	0.00	0	63.5	63.5	63.5
7-8 AM	2270	0.0	OFF	2270	0	0.00	0	62.2	62.2	62.2
8-9 AM	2272	0.0	OFF	2272	0	0.00	0	62.2	62.2	62.2
9-10 AM	1700	0.0	OFF	1700	0	0.00	0	63.2	63.2	63.2
10-11 AM	1782	0.0	OFF	1782	0	0.00	0	63.1	63.1	63.1
11AM-NOON	1971	0.0	OFF	1971	0	0.00	0	62.7	62.7	62.7
NOON-1PM	2122	0.0	OFF	2122	0	0.00	0	62.4	62.4	62.4
1-2 PM	2175	0.0	OFF	2175	0	0.00	0	62.3	62.3	62.3
2-3 PM	2527	0.0	OFF	2527	0	0.00	0	60.6	60.6	60.6
3-4 PM	3161	0.0	OFF	3161	0	0.00	0	54.1	54.1	54.1
4-5 PM	3475	0.0	OFF	3475	0	0.00	0	50.9	50.9	50.9
5-6 PM	3469	0.0	OFF	3469	0	0.00	0	51.0	51.0	51.0
6-7 PM	2280	0.0	OFF	2280	0	0.00	0	62.2	62.2	62.2
7-8 PM	1676	0.0	1499	1676	0	4.94	114	63.3	23.6	30.8
8-9 PM	1428	0.0	1499	1428	0	6.62	152	63.7	19.5	30.8
9-10 PM	1268	0.0	1499	1268	0	1.64	32	64.0	40.9	35.3
10-11 PM	854	0.0	1500	854	0	0.51	0	64.8	55.1	42.2
11PM-MID	486	0.0	1500	486	0	0.47	0	65.5	56.2	43.5

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0188
MAIN ROUTE WITH WORKS	0.0183
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,861
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**

