

<b>IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY)</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                      WESTBOUND 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	714	0.0	3000	714	0	0.36	0	69.9	59.6	49.7
1-2 AM	465	0.0	3000	465	0	0.36	0	70.2	59.7	49.7
2-3 AM	382	0.0	3000	382	0	0.36	0	70.2	59.7	49.7
3-4 AM	382	0.0	3000	382	0	0.36	0	70.2	59.7	49.7
4-5 AM	743	0.0	3000	743	0	0.35	0	69.8	59.6	49.7
5-6 AM	2168	0.0	OFF	2168	0	0.00	0	68.1	68.1	68.1
6-7 AM	4403	0.0	OFF	4403	0	0.00	0	60.8	60.8	60.8
7-8 AM	5601	0.0	OFF	5601	0	0.00	0	52.6	52.6	52.6
8-9 AM	4905	0.0	OFF	4905	0	0.00	0	57.3	57.3	57.3
9-10 AM	3586	0.0	OFF	3586	0	0.00	0	66.3	66.3	66.3
10-11 AM	3700	0.0	OFF	3700	0	0.00	0	65.6	65.6	65.6
11AM-NOON	4153	0.0	OFF	4153	0	0.00	0	62.5	62.5	62.5
NOON-1PM	4510	0.0	OFF	4510	0	0.00	0	60.1	60.1	60.1
1-2 PM	4631	0.0	OFF	4631	0	0.00	0	59.2	59.2	59.2
2-3 PM	5587	0.0	OFF	5587	0	0.00	0	52.7	52.7	52.7
3-4 PM	5571	0.0	OFF	5571	0	0.00	0	52.8	52.8	52.8
4-5 PM	5575	0.0	OFF	5575	0	0.00	0	52.8	52.8	52.8
5-6 PM	5503	0.0	OFF	5503	0	0.00	0	53.3	53.3	53.3
6-7 PM	4296	0.0	OFF	4296	0	0.00	0	61.5	61.5	61.5
7-8 PM	3088	0.0	2999	3088	0	2.40	94	66.9	31.6	37.3
8-9 PM	2694	0.0	3000	2694	0	0.75	14	67.4	49.8	42.1
9-10 PM	2781	0.0	3000	2781	0	0.59	0	67.3	52.8	40.9
10-11 PM	2145	0.0	3000	2145	0	0.33	0	68.1	58.8	49.7
11PM-MID	1281	0.0	3000	1281	0	0.35	0	69.1	59.3	49.7

"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

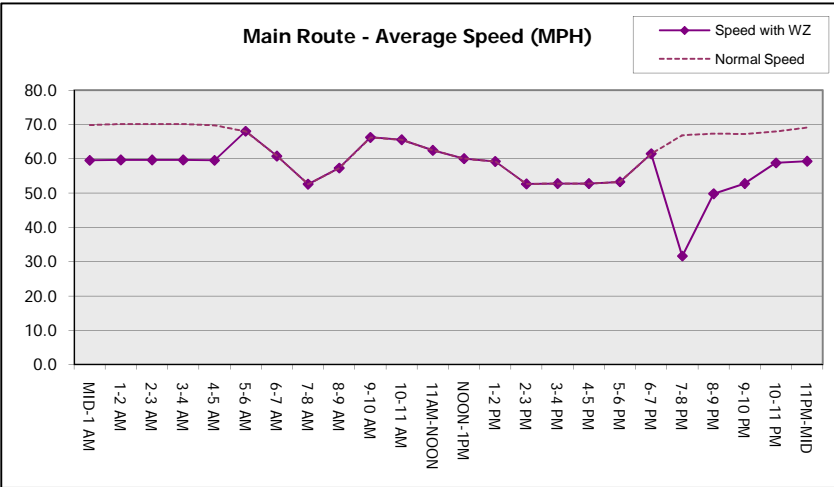
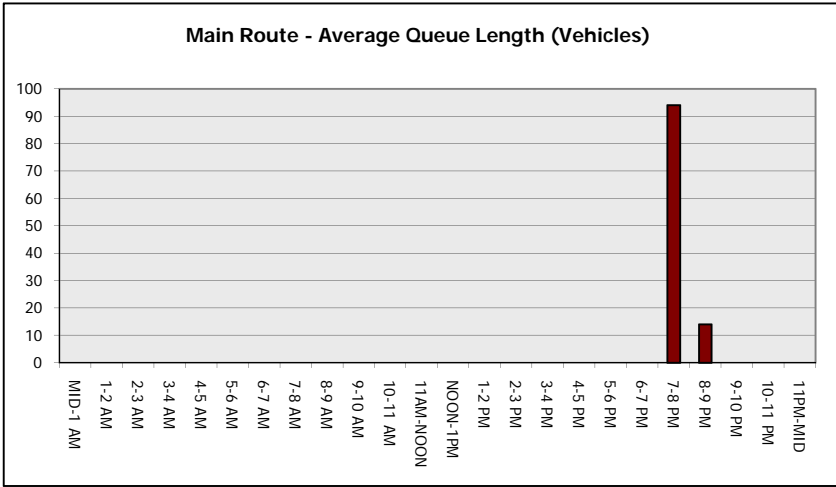
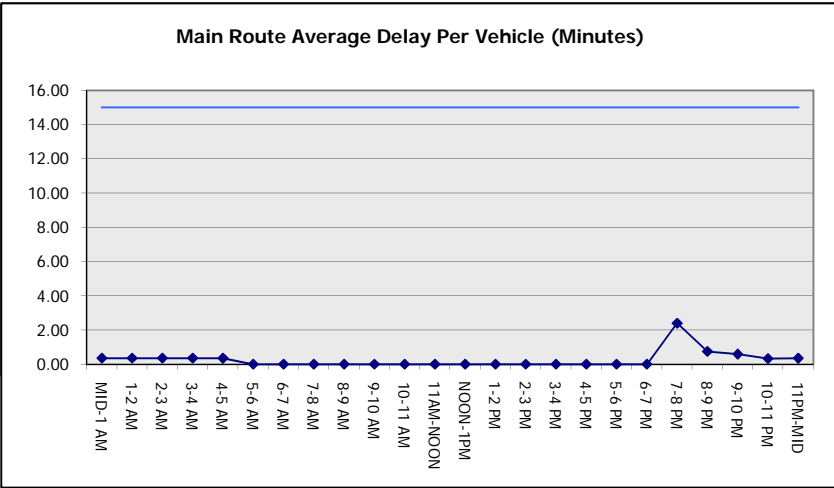
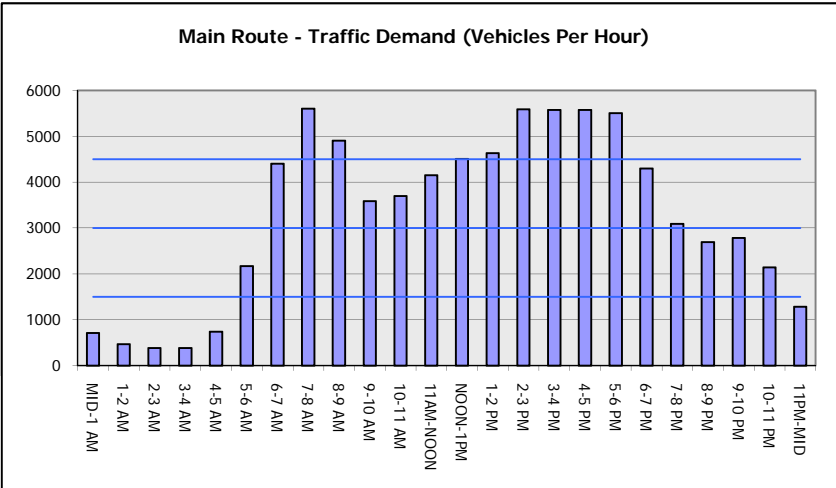
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0301
MAIN ROUTE WITH WORKS	0.0291
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,172
CONGESTED HOURS PER DAY*	0

\*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 WESTBOUND DIRECTION**



<b>IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY)</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                      EASTBOUND 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	724	0.0	3000	724	0	0.35	0	69.9	59.6	49.7
1-2 AM	384	0.0	3000	384	0	0.36	0	70.2	59.7	49.7
2-3 AM	315	0.0	3000	315	0	0.36	0	70.2	59.7	49.7
3-4 AM	294	0.0	3000	294	0	0.36	0	70.2	59.7	49.7
4-5 AM	615	0.0	3000	615	0	0.36	0	70.0	59.6	49.7
5-6 AM	2322	0.0	OFF	2322	0	0.00	0	67.9	67.9	67.9
6-7 AM	5537	0.0	OFF	5537	0	0.00	0	53.0	53.0	53.0
7-8 AM	5955	0.0	OFF	5955	0	0.00	0	50.2	50.2	50.2
8-9 AM	5248	0.0	OFF	5248	0	0.00	0	55.0	55.0	55.0
9-10 AM	4080	0.0	OFF	4080	0	0.00	0	63.0	63.0	63.0
10-11 AM	3986	0.0	OFF	3986	0	0.00	0	63.7	63.7	63.7
11AM-NOON	4288	0.0	OFF	4288	0	0.00	0	61.5	61.5	61.5
NOON-1PM	4297	0.0	OFF	4297	0	0.00	0	61.5	61.5	61.5
1-2 PM	4351	0.0	OFF	4351	0	0.00	0	61.1	61.1	61.1
2-3 PM	4813	0.0	OFF	4813	0	0.00	0	58.0	58.0	58.0
3-4 PM	4979	0.0	OFF	4979	0	0.00	0	56.8	56.8	56.8
4-5 PM	5163	0.0	OFF	5163	0	0.00	0	55.6	55.6	55.6
5-6 PM	5499	0.0	OFF	5499	0	0.00	0	53.3	53.3	53.3
6-7 PM	4647	0.0	OFF	4647	0	0.00	0	59.1	59.1	59.1
7-8 PM	3481	0.0	2999	3481	0	5.42	289	66.4	19.4	37.3
8-9 PM	3075	0.0	2999	3075	0	10.42	534	66.9	13.0	37.3
9-10 PM	2980	0.0	3000	2980	0	11.16	575	67.0	12.6	37.3
10-11 PM	2151	0.0	2999	2151	0	2.36	207	68.1	32.5	45.1
11PM-MID	1433	0.0	3000	1433	0	0.34	0	68.9	59.2	49.7

"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	0.0308
MAIN ROUTE WITH WORKS	0.0298
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$21,781
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
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**MAY**  
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Construction Season

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

