

<b>IH 43/894: HALE INTERCHANGE TO STH 27 (MILWAUKEE COUNTY)                  NIGHTTIME 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	631	0.0	3000	631	0	0.36	0	69.9	63.8	49.7
1-2 AM	396	0.0	3000	396	0	0.36	0	70.2	63.9	49.7
2-3 AM	366	0.0	3000	366	0	0.36	0	70.2	63.9	49.7
3-4 AM	455	0.0	3000	455	0	0.36	0	70.2	63.9	49.7
4-5 AM	843	0.0	3000	843	0	0.35	0	69.7	63.6	49.7
5-6 AM	2338	0.0	OFF	2338	0	0.00	0	67.8	67.8	67.8
6-7 AM	4192	0.0	OFF	4192	0	0.00	0	62.2	62.2	62.2
7-8 AM	4389	0.0	OFF	4389	0	0.00	0	60.9	60.9	60.9
8-9 AM	3809	0.0	OFF	3809	0	0.00	0	64.8	64.8	64.8
9-10 AM	3292	0.0	OFF	3292	0	0.00	0	66.6	66.6	66.6
10-11 AM	3336	0.0	OFF	3336	0	0.00	0	66.6	66.6	66.6
11AM-NOON	3368	0.0	OFF	3368	0	0.00	0	66.6	66.6	66.6
NOON-1PM	3489	0.0	OFF	3489	0	0.00	0	66.4	66.4	66.4
1-2 PM	3698	0.0	OFF	3698	0	0.00	0	65.6	65.6	65.6
2-3 PM	4457	0.0	OFF	4457	0	0.00	0	60.4	60.4	60.4
3-4 PM	5109	0.0	OFF	5109	0	0.00	0	56.0	56.0	56.0
4-5 PM	5091	0.0	OFF	5091	0	0.00	0	56.1	56.1	56.1
5-6 PM	5002	0.0	OFF	5002	0	0.00	0	56.7	56.7	56.7
6-7 PM	3651	0.0	OFF	3651	0	0.00	0	65.9	65.9	65.9
7-8 PM	2668	0.0	3000	2668	0	0.51	0	67.4	59.4	43.1
8-9 PM	2239	0.0	3000	2239	0	0.33	0	67.9	62.5	49.7
9-10 PM	2124	0.0	3000	2124	0	0.33	0	68.1	62.6	49.7
10-11 PM	1547	0.0	3000	1547	0	0.34	0	68.8	63.0	49.7
11PM-MID	993	0.0	3000	993	0	0.35	0	69.5	63.5	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	0.0462
MAIN ROUTE WITH WORKS	0.0454
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$931
CONGESTED HOURS PER DAY*	0

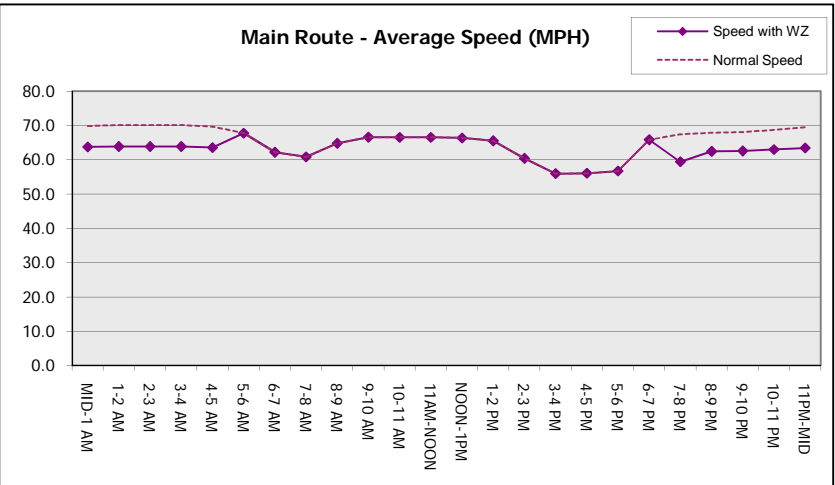
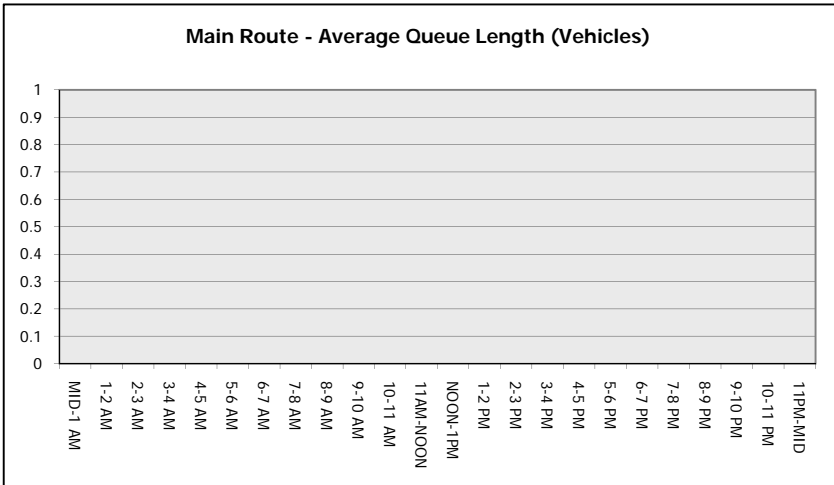
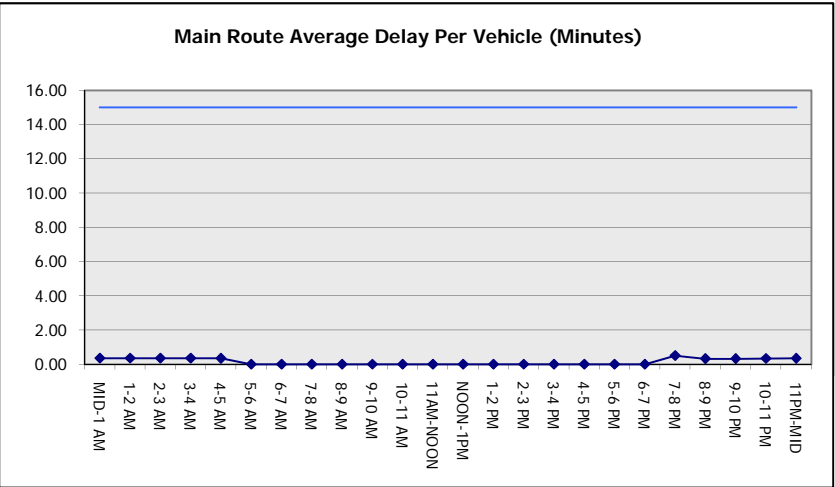
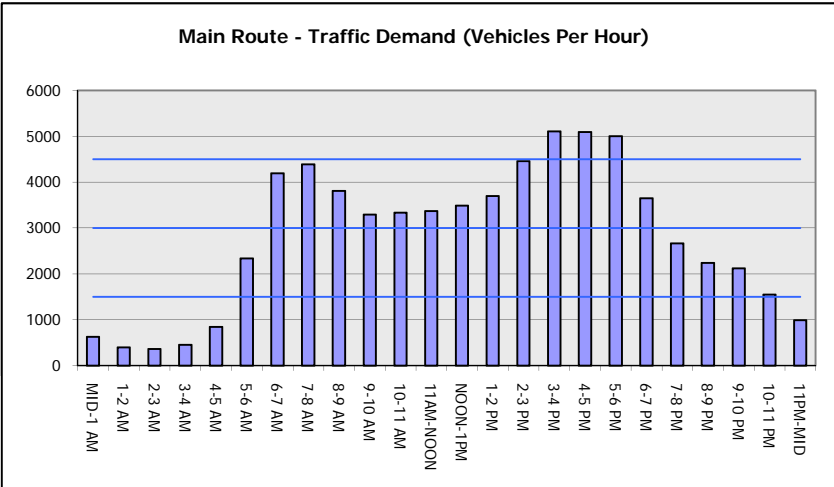
\*Delays Exceeding User-Specified Maximum

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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**



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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	519	0.0	3000	519	0	0.36	0	70.1	63.8	49.7
1-2 AM	348	0.0	3000	348	0	0.36	0	70.2	63.9	49.7
2-3 AM	335	0.0	3000	335	0	0.36	0	70.2	63.9	49.7
3-4 AM	476	0.0	3000	476	0	0.36	0	70.1	63.9	49.7
4-5 AM	996	0.0	3000	996	0	0.35	0	69.5	63.5	49.7
5-6 AM	2602	0.0	OFF	2602	0	0.00	0	67.5	67.5	67.5
6-7 AM	4742	0.0	OFF	4742	0	0.00	0	58.4	58.4	58.4
7-8 AM	5378	0.0	OFF	5378	0	0.00	0	54.1	54.1	54.1
8-9 AM	4293	0.0	OFF	4293	0	0.00	0	61.5	61.5	61.5
9-10 AM	3395	0.0	OFF	3395	0	0.00	0	66.5	66.5	66.5
10-11 AM	3217	0.0	OFF	3217	0	0.00	0	66.8	66.8	66.8
11AM-NOON	3371	0.0	OFF	3371	0	0.00	0	66.6	66.6	66.6
NOON-1PM	3557	0.0	OFF	3557	0	0.00	0	66.3	66.3	66.3
1-2 PM	3748	0.0	OFF	3748	0	0.00	0	65.3	65.3	65.3
2-3 PM	4305	0.0	OFF	4305	0	0.00	0	61.4	61.4	61.4
3-4 PM	4686	0.0	OFF	4686	0	0.00	0	58.9	58.9	58.9
4-5 PM	5020	0.0	OFF	5020	0	0.00	0	56.6	56.6	56.6
5-6 PM	5241	0.0	OFF	5241	0	0.00	0	55.1	55.1	55.1
6-7 PM	3891	0.0	OFF	3891	0	0.00	0	64.3	64.3	64.3
7-8 PM	2902	0.0	2999	2902	0	0.82	10	67.1	55.3	39.4
8-9 PM	2588	0.0	3000	2588	0	0.46	0	67.5	60.2	44.8
9-10 PM	2199	0.0	3000	2199	0	0.33	0	68.0	62.5	49.7
10-11 PM	1531	0.0	3000	1531	0	0.34	0	68.8	63.1	49.7
11PM-MID	1034	0.0	3000	1034	0	0.35	0	69.4	63.5	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	0.0482
MAIN ROUTE WITH WORKS	0.0473
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,232
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**

