

<b>IH 43/894: HALE INTERCHANGE TO STH 27 (MILWAUKEE COUNTY)                  NIGHTTIME 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY      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	833	0.0	1500	833	0	1.51	42	69.7	49.5	41.9	
1-2 AM	519	0.0	1500	519	0	0.53	0	70.1	61.2	43.4	
2-3 AM	492	0.0	1500	492	0	0.53	0	70.1	61.2	43.5	
3-4 AM	572	0.0	1500	572	0	0.54	0	70.0	61.0	43.2	
4-5 AM	942	0.0	1499	942	0	0.61	0	69.6	59.7	41.0	
5-6 AM	2414	0.0	OFF	2414	0	0.00	0	67.8	67.8	67.8	
6-7 AM	4241	0.0	OFF	4241	0	0.00	0	61.9	61.9	61.9	
7-8 AM	4691	0.0	OFF	4691	0	0.00	0	58.8	58.8	58.8	
8-9 AM	3997	0.0	OFF	3997	0	0.00	0	63.5	63.5	63.5	
9-10 AM	3703	0.0	OFF	3703	0	0.00	0	65.6	65.6	65.6	
10-11 AM	3822	0.0	OFF	3822	0	0.00	0	64.8	64.8	64.8	
11AM-NOON	3988	0.0	OFF	3988	0	0.00	0	63.6	63.6	63.6	
NOON-1PM	4130	0.0	OFF	4130	0	0.00	0	62.7	62.7	62.7	
1-2 PM	4414	0.0	OFF	4414	0	0.00	0	60.7	60.7	60.7	
2-3 PM	5032	0.0	OFF	5032	0	0.00	0	56.5	56.5	56.5	
3-4 PM	5200	0.0	OFF	5200	0	0.00	0	55.3	55.3	55.3	
4-5 PM	5185	0.0	OFF	5185	0	0.00	0	55.5	55.5	55.5	
5-6 PM	5079	0.0	OFF	5079	0	0.00	0	56.1	56.1	56.1	
6-7 PM	4177	0.0	OFF	4177	0	0.00	0	62.3	62.3	62.3	
7-8 PM	3175	0.0	1499	1550	1625	16.46+	412	66.8	12.7	36.6	
8-9 PM	2580	0.0	1499	1699	881	13.67+	354	67.5	14.7	35.3	
9-10 PM	2523	0.0	1499	1620	903	15.89+	390	67.6	13.1	30.8	
10-11 PM	1971	0.0	1500	1500	471	16.34+	400	68.3	12.8	30.8	
11PM-MID	1350	0.0	1500	1350	0	13.49	329	69.1	15.0	30.8	

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

+ 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	0.0513
MAIN ROUTE WITH WORKS	0.0480
'DIVERSION'	0.0061
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$42,067
CONGESTED HOURS PER DAY*	4

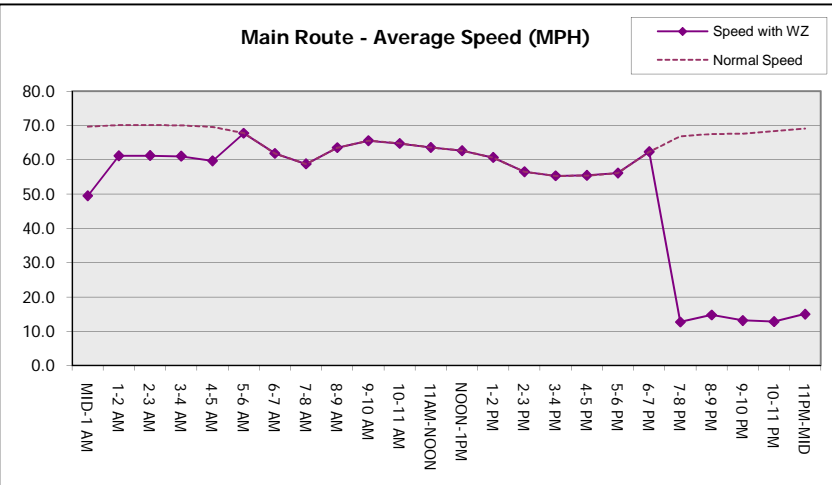
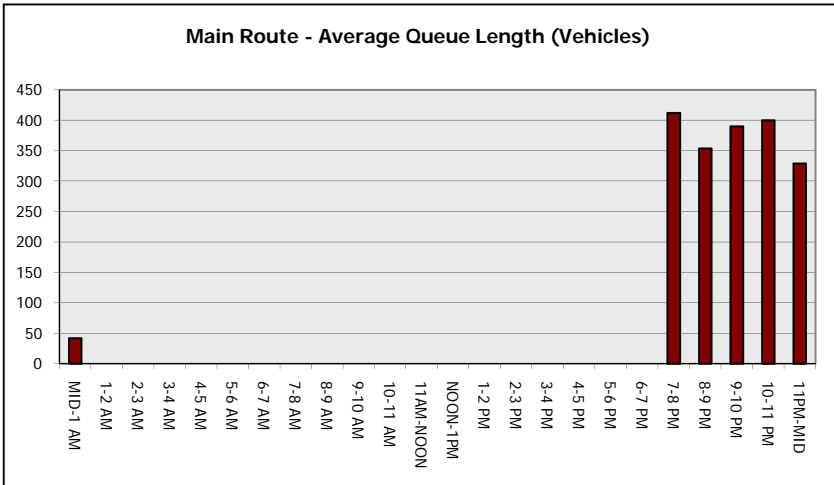
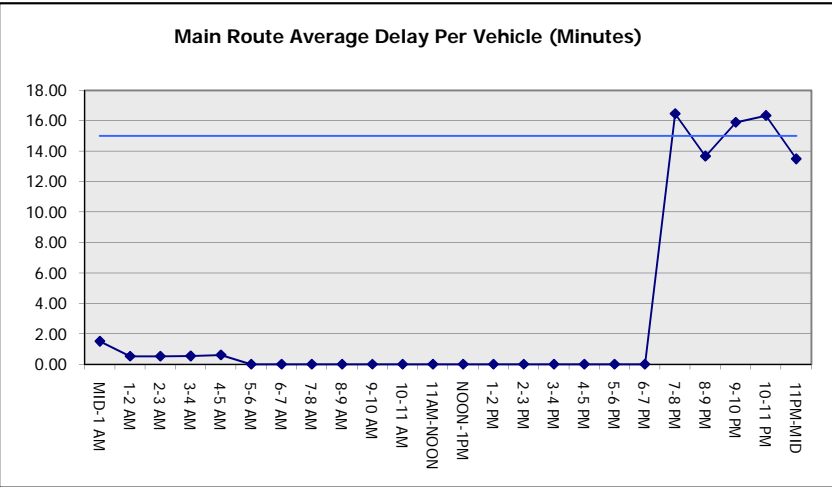
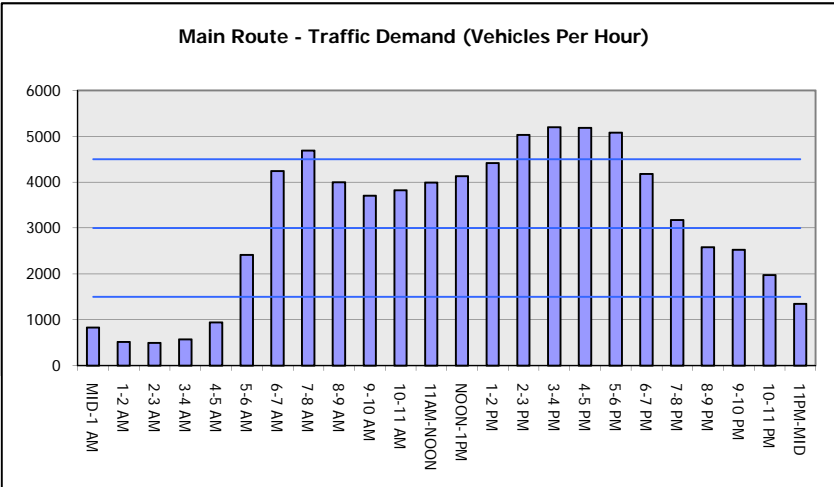
\*Delays Exceeding User-Specified Maximum

**IH 43/894: HALE INTERCHANGE TO STH 27 (MILWAUKEE COUNTY)**  
**NIGHTTIME 2 LANE CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**FRIDAY SOUTHBOUND DIRECTION**



<b>IH 43/894: HALE INTERCHANGE TO STH 27 (MILWAUKEE COUNTY)                  NIGHTTIME 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY 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	623	0.0	1500	623	0	1.52	49	70.0	49.6	42.8
1-2 AM	421	0.0	1500	421	0	0.52	0	70.2	61.4	43.8
2-3 AM	431	0.0	1500	431	0	0.53	0	70.2	61.4	43.8
3-4 AM	517	0.0	1500	517	0	0.53	0	70.1	61.2	43.5
4-5 AM	1044	0.0	1499	1044	0	0.69	0	69.4	58.6	39.1
5-6 AM	2510	0.0	OFF	2510	0	0.00	0	67.6	67.6	67.6
6-7 AM	4415	0.0	OFF	4415	0	0.00	0	60.7	60.7	60.7
7-8 AM	5160	0.0	OFF	5160	0	0.00	0	55.6	55.6	55.6
8-9 AM	4284	0.0	OFF	4284	0	0.00	0	61.6	61.6	61.6
9-10 AM	3579	0.0	OFF	3579	0	0.00	0	66.3	66.3	66.3
10-11 AM	3476	0.0	OFF	3476	0	0.00	0	66.4	66.4	66.4
11AM-NOON	3676	0.0	OFF	3676	0	0.00	0	65.8	65.8	65.8
NOON-1PM	3982	0.0	OFF	3982	0	0.00	0	63.7	63.7	63.7
1-2 PM	4219	0.0	OFF	4219	0	0.00	0	62.0	62.0	62.0
2-3 PM	4659	0.0	OFF	4659	0	0.00	0	59.1	59.1	59.1
3-4 PM	4842	0.0	OFF	4842	0	0.00	0	57.8	57.8	57.8
4-5 PM	5192	0.0	OFF	5192	0	0.00	0	55.4	55.4	55.4
5-6 PM	5356	0.0	OFF	5356	0	0.00	0	54.3	54.3	54.3
6-7 PM	4309	0.0	OFF	4309	0	0.00	0	61.4	61.4	61.4
7-8 PM	3322	0.0	1499	1550	1772	16.45+	412	66.6	12.7	36.6
8-9 PM	2719	0.0	1499	1577	1142	14.41+	380	67.4	14.2	36.1
9-10 PM	2510	0.0	1499	1697	813	14.33+	366	67.6	14.2	34.4
10-11 PM	1962	0.0	1499	1554	408	16.11+	393	68.3	13.0	30.8
11PM-MID	1409	0.0	1500	1396	13	14.97+	366	69.0	13.8	30.8

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

+ 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	0.0511
MAIN ROUTE WITH WORKS	0.0475
'DIVERSION'	0.0066

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$43,038
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

**IH 43/894: HALE INTERCHANGE TO STH 27 (MILWAUKEE COUNTY)  
 NIGHTTIME 2 LANE CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY NORTHBOUND DIRECTION**

