

<b>IH 894: STH 59 TO HALE INTERCHANGE (MILWAUKEE COUNTY)</b> <b>OFF-PEAK DAY 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY 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	1062	0.0	OFF	1062	0	0.00	0	69.4	69.4	69.4
1-2 AM	681	0.0	OFF	681	0	0.00	0	69.9	69.9	69.9
2-3 AM	535	0.0	OFF	535	0	0.00	0	70.0	70.0	70.0
3-4 AM	499	0.0	OFF	499	0	0.00	0	70.1	70.1	70.1
4-5 AM	629	0.0	OFF	629	0	0.00	0	69.9	69.9	69.9
5-6 AM	1259	0.0	OFF	1259	0	0.00	0	69.2	69.2	69.2
6-7 AM	2192	0.0	OFF	2192	0	0.00	0	68.0	68.0	68.0
7-8 AM	3074	0.0	OFF	3074	0	0.00	0	66.9	66.9	66.9
8-9 AM	3900	0.0	1499	1550	2350	16.35+	412	64.2	10.7	36.6
9-10 AM	4479	0.0	1499	1792	2687	14.38+	379	60.2	11.7	35.6
10-11 AM	4856	0.0	1499	1500	3356	15.79+	399	57.7	10.8	30.8
11AM-NOON	5100	0.0	1499	1500	3600	15.68+	400	56.0	10.8	30.8
NOON-1PM	5044	0.0	1499	1500	3544	15.70+	399	56.4	10.8	30.8
1-2 PM	4832	0.0	1500	1500	3332	15.80+	400	57.8	10.8	30.8
2-3 PM	4859	0.0	1499	1500	3359	15.78+	400	57.7	10.8	30.8
3-4 PM	4995	0.0	1500	1500	3495	15.73+	400	56.8	10.8	30.8
4-5 PM	4873	0.0	1500	1500	3373	15.78+	400	57.6	10.8	30.8
5-6 PM	4458	0.0	1500	1500	2958	15.95+	400	60.4	10.8	30.8
6-7 PM	3896	0.0	OFF	3896	0	0.40	27	64.2	57.2	57.2
7-8 PM	3097	0.0	OFF	3097	0	0.00	0	66.9	66.9	66.9
8-9 PM	2711	0.0	OFF	2711	0	0.00	0	67.4	67.4	67.4
9-10 PM	2615	0.0	OFF	2615	0	0.00	0	67.5	67.5	67.5
10-11 PM	2042	0.0	OFF	2042	0	0.00	0	68.2	68.2	68.2
11PM-MID	1486	0.0	OFF	1486	0	0.00	0	68.9	68.9	68.9

"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

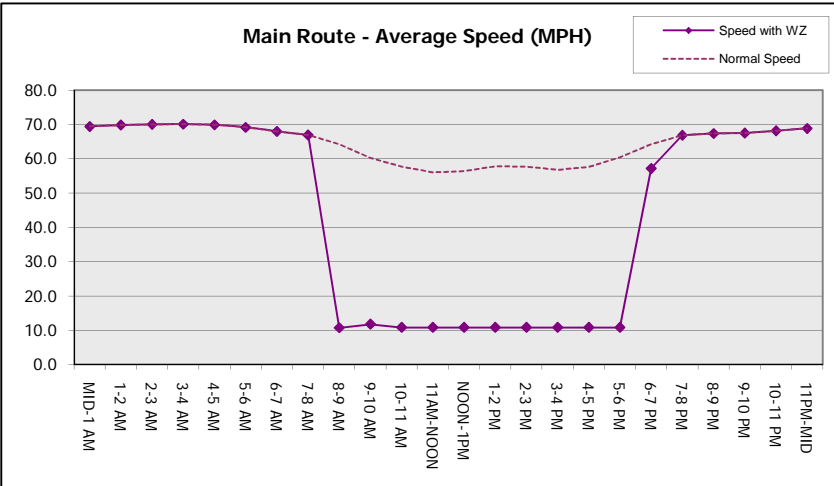
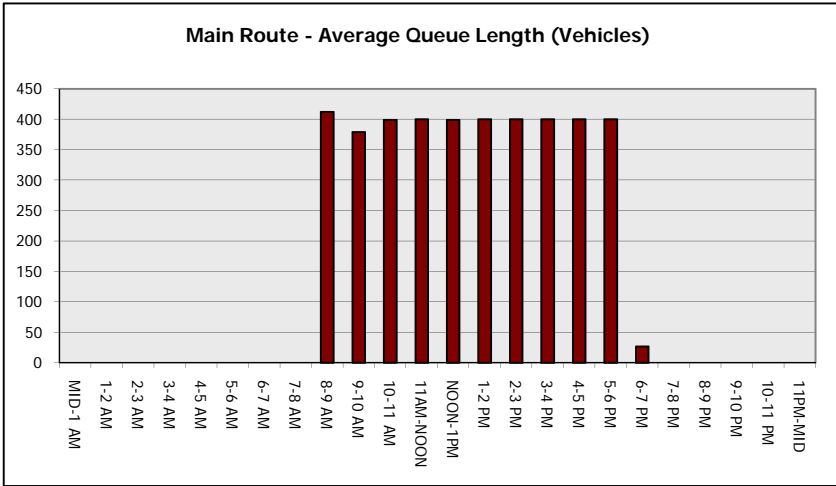
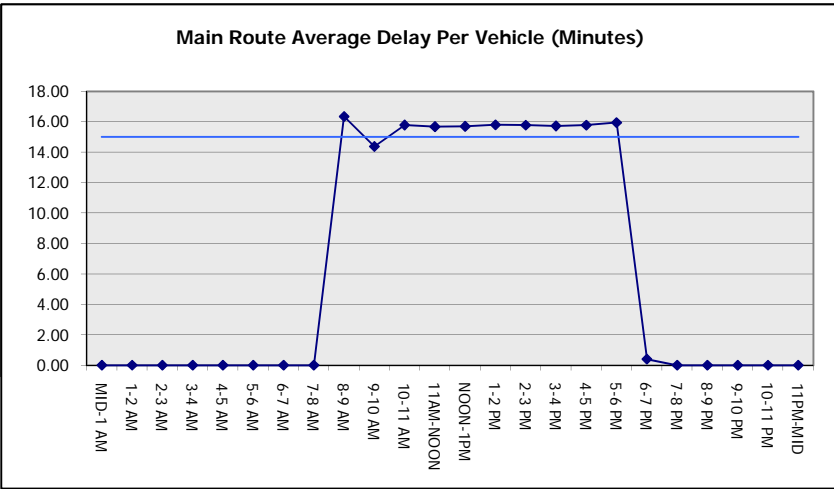
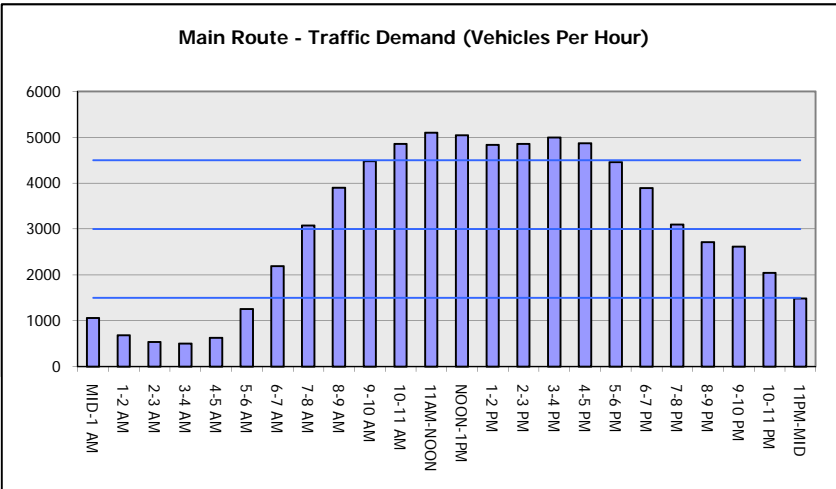
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0407
MAIN ROUTE WITH WORKS	0.0219
'DIVERSION'	0.0413
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$204,527
CONGESTED HOURS PER DAY*	10

\*Delays Exceeding User-Specified Maximum

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**OFF-PEAK DAY 2 LANE CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>IH 894: STH 59 TO HALE INTERCHANGE (MILWAUKEE COUNTY)</b> <b>OFF-PEAK DAY 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
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**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY 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	1121	0.0	OFF	1121	0	0.00	0	69.4	69.4	69.4	
1-2 AM	721	0.0	OFF	721	0	0.00	0	69.9	69.9	69.9	
2-3 AM	588	0.0	OFF	588	0	0.00	0	70.0	70.0	70.0	
3-4 AM	443	0.0	OFF	443	0	0.00	0	70.2	70.2	70.2	
4-5 AM	582	0.0	OFF	582	0	0.00	0	70.0	70.0	70.0	
5-6 AM	1010	0.0	OFF	1010	0	0.00	0	69.5	69.5	69.5	
6-7 AM	1452	0.0	OFF	1452	0	0.00	0	68.9	68.9	68.9	
7-8 AM	2351	0.0	OFF	2351	0	0.00	0	67.8	67.8	67.8	
8-9 AM	3048	0.0	1499	1665	1383	14.38+	364	66.9	12.0	36.0	
9-10 AM	3599	0.0	1499	1754	1845	15.57+	386	66.3	11.2	30.8	
10-11 AM	4167	0.0	1500	1500	2667	16.06+	400	62.4	10.8	30.8	
11AM-NOON	4643	0.0	1500	1500	3143	15.88+	400	59.1	10.8	30.8	
NOON-1PM	5006	0.0	1500	1500	3506	15.72+	400	56.6	10.8	30.8	
1-2 PM	4864	0.0	1500	1500	3364	15.78+	400	57.6	10.8	30.8	
2-3 PM	4955	0.0	1500	1500	3455	15.74+	400	57.0	10.8	30.8	
3-4 PM	4846	0.0	1500	1500	3346	15.79+	400	57.8	10.8	30.8	
4-5 PM	4760	0.0	1500	1500	3260	15.83+	400	58.3	10.8	30.8	
5-6 PM	4283	0.0	1500	1500	2783	16.02+	400	61.6	10.8	30.8	
6-7 PM	3771	0.0	OFF	3771	0	0.54	39	65.1	55.7	55.7	
7-8 PM	3015	0.0	OFF	3015	0	0.00	0	67.0	67.0	67.0	
8-9 PM	2842	0.0	OFF	2842	0	0.00	0	67.2	67.2	67.2	
9-10 PM	2792	0.0	OFF	2792	0	0.00	0	67.3	67.3	67.3	
10-11 PM	2139	0.0	OFF	2139	0	0.00	0	68.1	68.1	68.1	
11PM-MID	1592	0.0	OFF	1592	0	0.00	0	68.7	68.7	68.7	

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

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0382
MAIN ROUTE WITH WORKS	0.0212
'DIVERSION'	0.0371

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$191,165
CONGESTED HOURS PER DAY*	10

\*Delays Exceeding User-Specified Maximum

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 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

