

<b>IH 94: USH 41 AND IH 43 (MILWAUKEE COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY 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	980	0.0	OFF	980	0	0.00	0	69.5	69.5	69.5
1-2 AM	758	0.0	OFF	758	0	0.00	0	69.8	69.8	69.8
2-3 AM	581	0.0	OFF	581	0	0.00	0	70.0	70.0	70.0
3-4 AM	794	0.0	OFF	794	0	0.00	0	69.7	69.7	69.7
4-5 AM	1925	0.0	OFF	1925	0	0.00	0	68.3	68.3	68.3
5-6 AM	4070	0.0	OFF	4070	0	0.00	0	63.0	63.0	63.0
6-7 AM	5657	0.0	OFF	5657	0	0.00	0	52.2	52.2	52.2
7-8 AM	5276	0.0	OFF	5276	0	0.00	0	54.8	54.8	54.8
8-9 AM	4433	0.0	OFF	4433	0	0.00	0	60.5	60.5	60.5
9-10 AM	4372	0.0	OFF	4372	0	0.00	0	61.0	61.0	61.0
10-11 AM	4830	0.0	2999	3904	926	11.96+	685	57.9	11.9	37.3
11AM-NOON	5259	0.0	2999	3000	2259	17.34+	953	55.0	10.0	37.3
NOON-1PM	5441	0.0	3000	3000	2441	17.25+	953	53.7	10.0	37.3
1-2 PM	5825	0.0	2999	3000	2825	17.05+	953	51.0	10.0	37.3
2-3 PM	5594	0.0	3000	3000	2594	17.17+	953	52.7	10.0	37.3
3-4 PM	5745	0.0	OFF	5745	0	7.85	776	51.6	12.2	12.2
4-5 PM	5626	0.0	OFF	5626	0	4.74	461	52.4	17.6	17.6
5-6 PM	5183	0.0	OFF	5183	0	0.54	46	55.5	44.8	44.8
6-7 PM	3973	0.0	OFF	3973	0	0.00	0	63.7	63.7	63.7
7-8 PM	3221	0.0	OFF	3221	0	0.00	0	66.8	66.8	66.8
8-9 PM	3087	0.0	OFF	3087	0	0.00	0	66.9	66.9	66.9
9-10 PM	3095	0.0	OFF	3095	0	0.00	0	66.9	66.9	66.9
10-11 PM	2605	0.0	OFF	2605	0	0.00	0	67.5	67.5	67.5
11PM-MID	1978	0.0	OFF	1978	0	0.00	0	68.2	68.2	68.2

"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	0.0302
MAIN ROUTE WITH WORKS	0.0254
'DIVERSION'	0.0086
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$103,299
CONGESTED HOURS PER DAY*	5

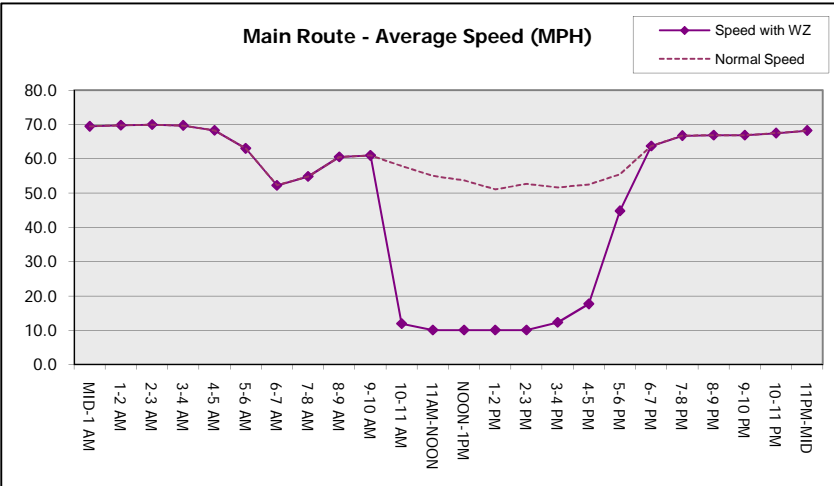
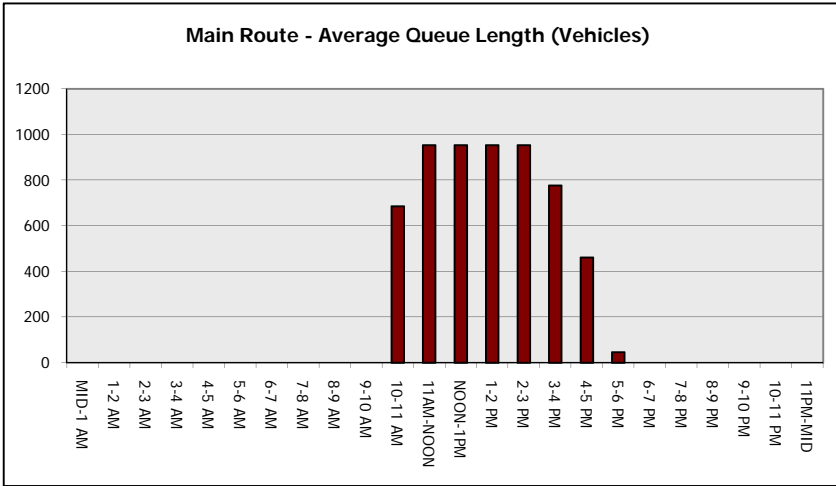
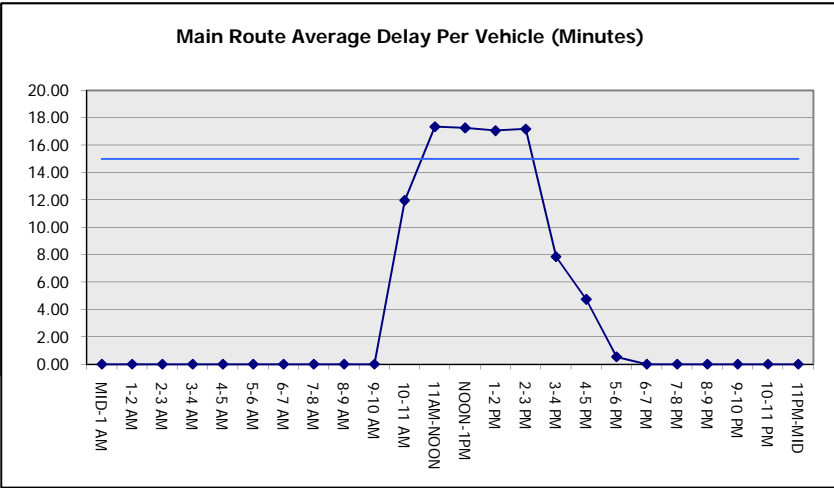
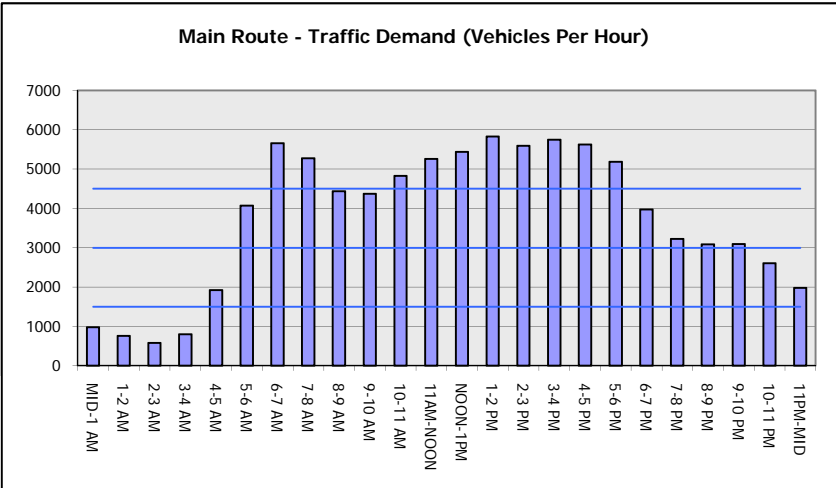
\*Delays Exceeding User-Specified Maximum

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

**MAY**  
Analyzed for 2009  
Construction Season

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

**FRIDAY WESTBOUND DIRECTION**



<b>IH 94: USH 41 AND IH 43 (MILWAUKEE COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
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**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY 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	704	0.0	OFF	704	0	0.00	0	69.9	69.9	69.9
1-2 AM	536	0.0	OFF	536	0	0.00	0	70.0	70.0	70.0
2-3 AM	566	0.0	OFF	566	0	0.00	0	70.0	70.0	70.0
3-4 AM	708	0.0	OFF	708	0	0.00	0	69.9	69.9	69.9
4-5 AM	1852	0.0	OFF	1852	0	0.00	0	68.4	68.4	68.4
5-6 AM	4061	0.0	OFF	4061	0	0.00	0	63.1	63.1	63.1
6-7 AM	5101	0.0	OFF	5101	0	0.00	0	56.0	56.0	56.0
7-8 AM	4765	0.0	OFF	4765	0	0.00	0	58.3	58.3	58.3
8-9 AM	4243	0.0	OFF	4243	0	0.00	0	61.9	61.9	61.9
9-10 AM	3909	0.0	OFF	3909	0	0.00	0	64.1	64.1	64.1
10-11 AM	3930	0.0	2999	3930	0	7.83+	462	64.0	15.0	37.3
11AM-NOON	3999	0.0	2999	2974	1025	16.83+	896	63.5	10.2	37.3
NOON-1PM	4085	0.0	2999	2992	1093	16.80+	896	63.0	10.2	37.3
1-2 PM	4237	0.0	2999	3017	1220	16.94+	907	61.9	10.2	37.3
2-3 PM	4397	0.0	3000	3015	1382	17.20+	925	60.8	10.1	37.3
3-4 PM	4347	0.0	OFF	4347	0	2.84	260	61.2	25.7	25.7
4-5 PM	4486	0.0	OFF	4486	0	0.00	0	60.2	60.2	60.2
5-6 PM	4097	0.0	OFF	4097	0	0.00	0	62.8	62.8	62.8
6-7 PM	3677	0.0	OFF	3677	0	0.00	0	65.8	65.8	65.8
7-8 PM	3081	0.0	OFF	3081	0	0.00	0	66.9	66.9	66.9
8-9 PM	3124	0.0	OFF	3124	0	0.00	0	66.9	66.9	66.9
9-10 PM	3220	0.0	OFF	3220	0	0.00	0	66.8	66.8	66.8
10-11 PM	2362	0.0	OFF	2362	0	0.00	0	67.8	67.8	67.8
11PM-MID	1493	0.0	OFF	1493	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	0.0257
MAIN ROUTE WITH WORKS	0.0231
'DIVERSION'	0.0037

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$65,768
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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

