

<b>IH 94: USH 41 AND IH 43 (MILWAUKEE COUNTY)                  NIGHTTIME CLOSURE                  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	1404	0.0	3000	1404	0	0.34	0	69.0	58.1	49.7
1-2 AM	1331	0.0	3000	1331	0	0.35	0	69.1	58.1	49.7
2-3 AM	945	0.0	3000	945	0	0.35	0	69.6	58.2	49.7
3-4 AM	694	0.0	3000	694	0	0.36	0	69.9	58.4	49.7
4-5 AM	929	0.0	3000	929	0	0.35	0	69.6	58.2	49.7
5-6 AM	1492	0.0	3000	1492	0	0.34	0	68.9	58.0	49.7
6-7 AM	2162	0.0	3000	2162	0	0.33	0	68.1	57.7	49.7
7-8 AM	2800	0.0	2999	2800	0	0.59	0	67.3	51.1	40.8
8-9 AM	3469	0.0	OFF	3469	0	0.00	0	66.4	66.4	66.4
9-10 AM	3976	0.0	OFF	3976	0	0.00	0	63.7	63.7	63.7
10-11 AM	4247	0.0	OFF	4247	0	0.00	0	61.9	61.9	61.9
11AM-NOON	4574	0.0	OFF	4574	0	0.00	0	59.6	59.6	59.6
NOON-1PM	4716	0.0	OFF	4716	0	0.00	0	58.6	58.6	58.6
1-2 PM	4770	0.0	OFF	4770	0	0.00	0	58.2	58.2	58.2
2-3 PM	4843	0.0	OFF	4843	0	0.00	0	57.8	57.8	57.8
3-4 PM	4732	0.0	OFF	4732	0	0.00	0	58.6	58.6	58.6
4-5 PM	4323	0.0	OFF	4323	0	0.00	0	61.4	61.4	61.4
5-6 PM	3546	0.0	OFF	3546	0	0.00	0	66.3	66.3	66.3
6-7 PM	2983	0.0	2999	2983	0	1.03	18	67.0	43.3	37.9
7-8 PM	2715	0.0	3000	2715	0	0.54	0	67.4	52.2	42.2
8-9 PM	2952	0.0	2999	2952	0	0.71	1	67.1	48.6	38.1
9-10 PM	3166	0.0	3000	3166	0	2.26	92	66.8	30.4	37.3
10-11 PM	2788	0.0	2999	2788	0	2.18	103	67.3	31.1	39.6
11PM-MID	1976	0.0	3000	1976	0	0.34	0	68.2	57.8	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

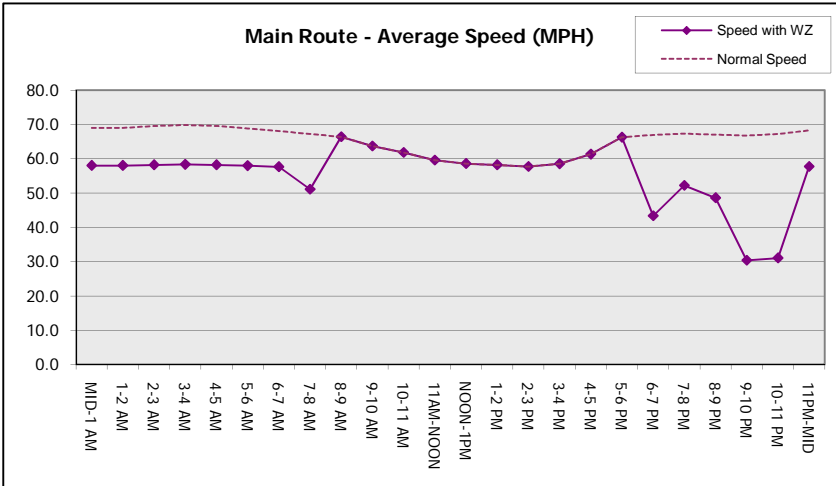
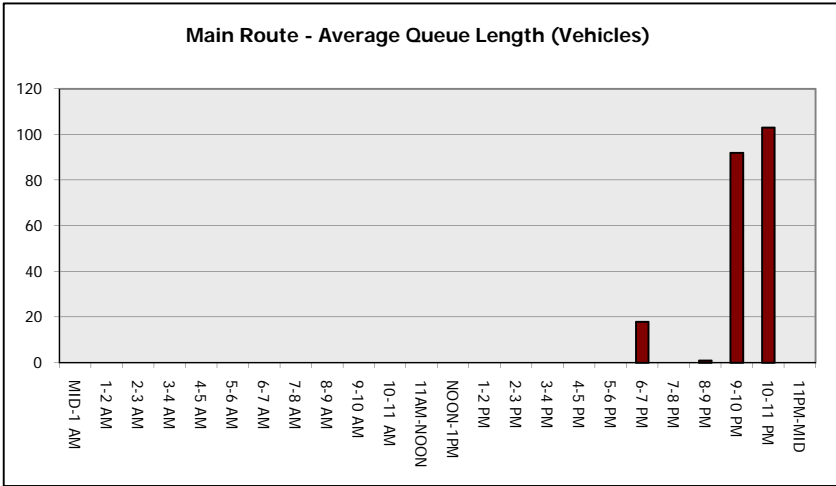
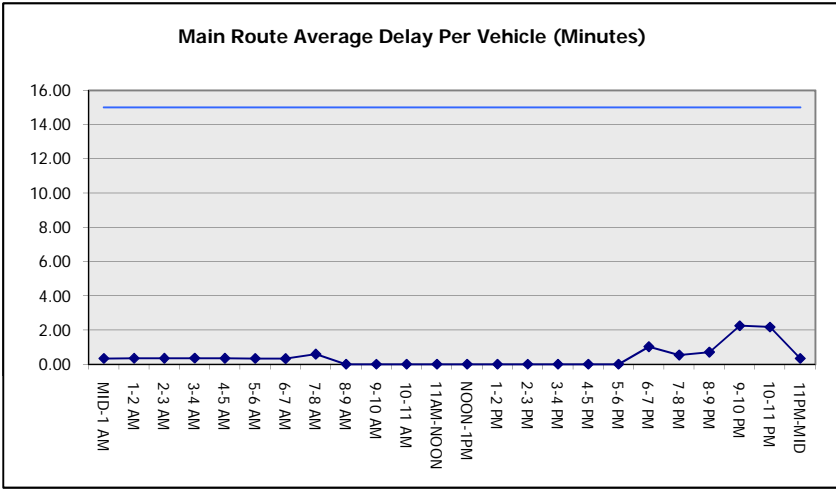
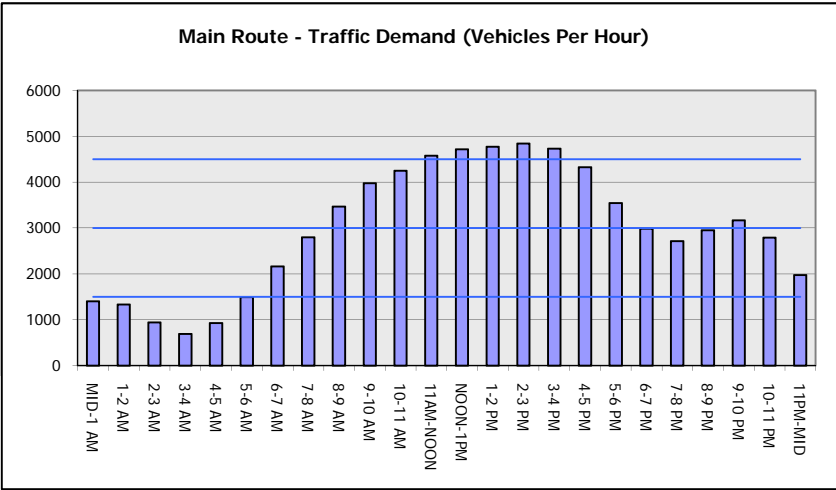
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0239
MAIN ROUTE WITH WORKS	0.0220
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$6,885
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**IH 94: USH 41 AND IH 43 (MILWAUKEE COUNTY)  
NIGHTTIME 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 94: USH 41 AND IH 43 (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**

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	905	0.0	3000	905	0	0.35	0	69.6	58.2	49.7
1-2 AM	716	0.0	3000	716	0	0.36	0	69.9	58.4	49.7
2-3 AM	576	0.0	3000	576	0	0.36	0	70.0	58.4	49.7
3-4 AM	540	0.0	3000	540	0	0.36	0	70.0	58.4	49.7
4-5 AM	835	0.0	3000	835	0	0.35	0	69.7	58.3	49.7
5-6 AM	1304	0.0	3000	1304	0	0.35	0	69.1	58.1	49.7
6-7 AM	1904	0.0	3000	1904	0	0.34	0	68.4	57.8	49.7
7-8 AM	2533	0.0	2999	2533	0	0.42	0	67.6	55.1	46.3
8-9 AM	3040	0.0	OFF	3040	0	0.00	0	66.9	66.9	66.9
9-10 AM	3307	0.0	OFF	3307	0	0.00	0	66.6	66.6	66.6
10-11 AM	3438	0.0	OFF	3438	0	0.00	0	66.4	66.4	66.4
11AM-NOON	3764	0.0	OFF	3764	0	0.00	0	65.1	65.1	65.1
NOON-1PM	3828	0.0	OFF	3828	0	0.00	0	64.7	64.7	64.7
1-2 PM	3782	0.0	OFF	3782	0	0.00	0	65.0	65.0	65.0
2-3 PM	3728	0.0	OFF	3728	0	0.00	0	65.4	65.4	65.4
3-4 PM	3545	0.0	OFF	3545	0	0.00	0	66.3	66.3	66.3
4-5 PM	3276	0.0	OFF	3276	0	0.00	0	66.6	66.6	66.6
5-6 PM	3480	0.0	OFF	3480	0	0.00	0	66.4	66.4	66.4
6-7 PM	3573	0.0	2999	3573	0	5.48	303	66.3	18.2	37.3
7-8 PM	2956	0.0	2999	2956	0	11.00	565	67.1	12.2	37.3
8-9 PM	3112	0.0	3000	3112	0	11.26	581	66.9	12.0	37.3
9-10 PM	3086	0.0	3000	3086	0	13.63+	711	66.9	11.1	37.3
10-11 PM	2235	0.0	2999	2235	0	5.76	392	67.9	18.6	43.1
11PM-MID	1569	0.0	3000	1569	0	0.34	0	68.8	57.9	49.7

"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	0.0204
MAIN ROUTE WITH WORKS	0.0187
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$39,804
CONGESTED HOURS PER DAY*	1

\*Delays Exceeding User-Specified Maximum

**IH 94: USH 41 AND IH 43 (MILWAUKEE COUNTY)  
NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

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

