

IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	714	0.0	OFF	714	0	0.00	0	69.9	69.9	69.9	
1-2 AM	465	0.0	OFF	465	0	0.00	0	70.2	70.2	70.2	
2-3 AM	382	0.0	OFF	382	0	0.00	0	70.2	70.2	70.2	
3-4 AM	382	0.0	OFF	382	0	0.00	0	70.2	70.2	70.2	
4-5 AM	743	0.0	OFF	743	0	0.00	0	69.8	69.8	69.8	
5-6 AM	2168	0.0	OFF	2168	0	0.00	0	68.1	68.1	68.1	
6-7 AM	4403	0.0	OFF	4403	0	0.00	0	60.8	60.8	60.8	
7-8 AM	5601	0.0	OFF	5601	0	0.00	0	52.6	52.6	52.6	
8-9 AM	4905	0.0	OFF	4905	0	0.00	0	57.3	57.3	57.3	
9-10 AM	3586	0.0	OFF	3586	0	0.00	0	66.3	66.3	66.3	
10-11 AM	3700	0.0	1499	1560	2140	16.75+	420	65.6	8.1	36.6	
11AM-NOON	4153	0.0	1499	1783	2369	14.76+	385	62.5	8.8	35.5	
NOON-1PM	4510	0.0	1499	1500	3010	16.36+	408	60.1	8.1	30.8	
1-2 PM	4631	0.0	1500	1500	3131	16.32+	408	59.2	8.1	30.8	
2-3 PM	5587	0.0	1500	1500	4087	16.00+	408	52.7	8.1	30.8	
3-4 PM	5571	0.0	OFF	5571	0	1.50	137	52.8	34.0	34.0	
4-5 PM	5575	0.0	OFF	5575	0	0.00	0	52.8	52.8	52.8	
5-6 PM	5503	0.0	OFF	5503	0	0.00	0	53.3	53.3	53.3	
6-7 PM	4296	0.0	OFF	4296	0	0.00	0	61.5	61.5	61.5	
7-8 PM	3088	0.0	OFF	3088	0	0.00	0	66.9	66.9	66.9	
8-9 PM	2694	0.0	OFF	2694	0	0.00	0	67.4	67.4	67.4	
9-10 PM	2781	0.0	OFF	2781	0	0.00	0	67.3	67.3	67.3	
10-11 PM	2145	0.0	OFF	2145	0	0.00	0	68.1	68.1	68.1	
11PM-MID	1281	0.0	OFF	1281	0	0.00	0	69.1	69.1	69.1	

"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	0.0
(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	0
(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	0.0301
MAIN ROUTE WITH WORKS	0.0240
'DIVERSION'	0.0130
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$80,906
CONGESTED HOURS PER DAY*	5

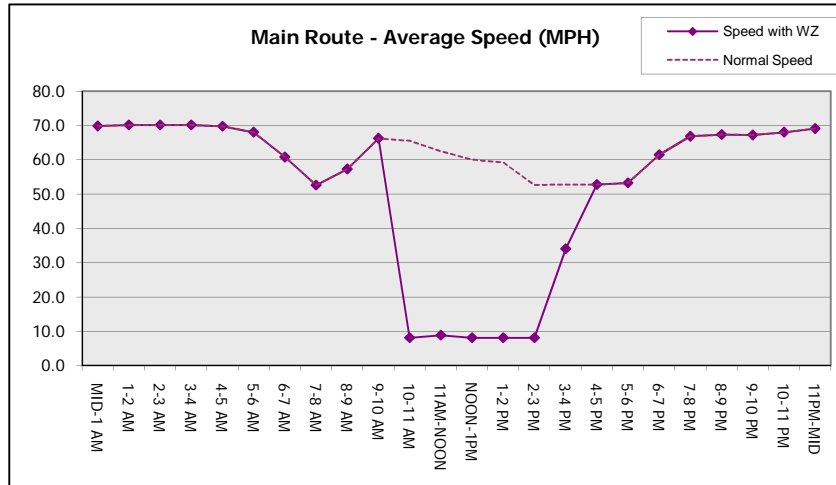
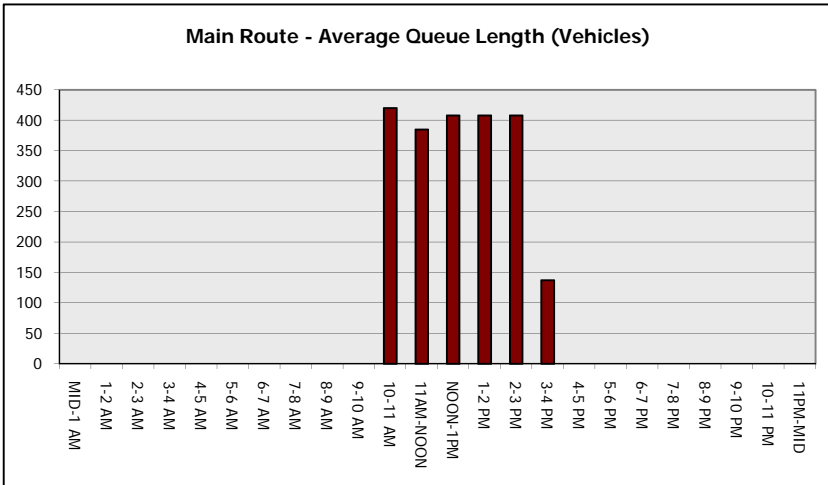
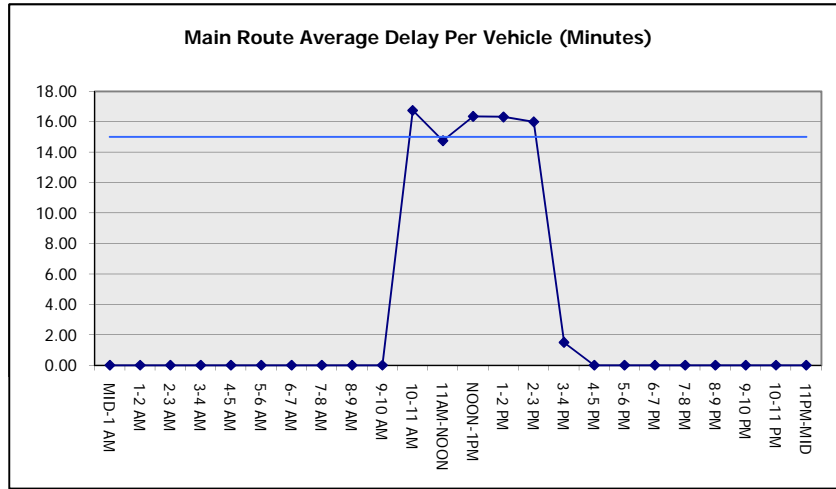
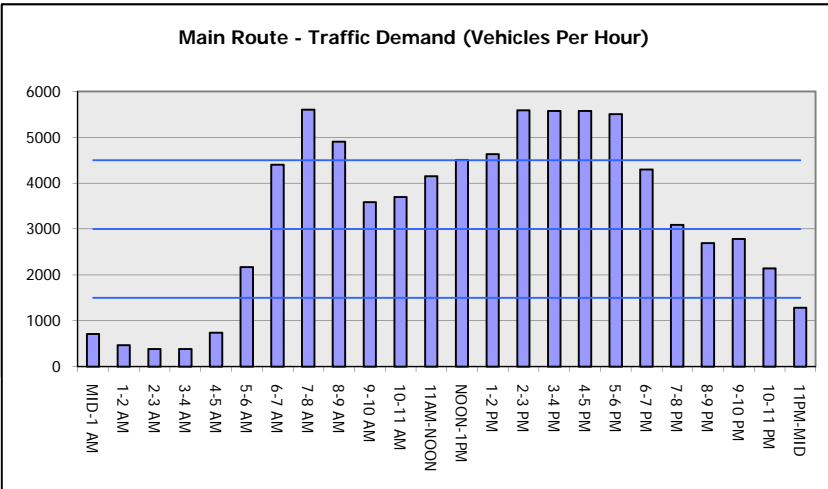
*Delays Exceeding User-Specified Maximum

IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY)
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

MON-THUR WESTBOUND DIRECTION



IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	724	0.0	OFF	724	0	0.00	0	69.9	69.9	69.9
1-2 AM	384	0.0	OFF	384	0	0.00	0	70.2	70.2	70.2
2-3 AM	315	0.0	OFF	315	0	0.00	0	70.2	70.2	70.2
3-4 AM	294	0.0	OFF	294	0	0.00	0	70.2	70.2	70.2
4-5 AM	615	0.0	OFF	615	0	0.00	0	70.0	70.0	70.0
5-6 AM	2322	0.0	OFF	2322	0	0.00	0	67.9	67.9	67.9
6-7 AM	5537	0.0	OFF	5537	0	0.00	0	53.0	53.0	53.0
7-8 AM	5955	0.0	OFF	5955	0	0.00	0	50.2	50.2	50.2
8-9 AM	5248	0.0	OFF	5248	0	0.00	0	55.0	55.0	55.0
9-10 AM	4080	0.0	OFF	4080	0	0.00	0	63.0	63.0	63.0
10-11 AM	3986	0.0	1499	1560	2426	16.69+	420	63.7	8.1	36.6
11AM-NOON	4288	0.0	1499	1808	2480	14.81+	386	61.5	8.8	35.4
NOON-1PM	4297	0.0	1499	1500	2797	16.42+	408	61.5	8.1	30.8
1-2 PM	4351	0.0	1500	1500	2851	16.41+	408	61.1	8.1	30.8
2-3 PM	4813	0.0	1500	1500	3313	16.27+	408	58.0	8.1	30.8
3-4 PM	4979	0.0	OFF	4979	0	0.78	66	56.8	43.4	43.4
4-5 PM	5163	0.0	OFF	5163	0	0.00	0	55.6	55.6	55.6
5-6 PM	5499	0.0	OFF	5499	0	0.00	0	53.3	53.3	53.3
6-7 PM	4647	0.0	OFF	4647	0	0.00	0	59.1	59.1	59.1
7-8 PM	3481	0.0	OFF	3481	0	0.00	0	66.4	66.4	66.4
8-9 PM	3075	0.0	OFF	3075	0	0.00	0	66.9	66.9	66.9
9-10 PM	2980	0.0	OFF	2980	0	0.00	0	67.0	67.0	67.0
10-11 PM	2151	0.0	OFF	2151	0	0.00	0	68.1	68.1	68.1
11PM-MID	1433	0.0	OFF	1433	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	0.0308
MAIN ROUTE WITH WORKS	0.0250
'DIVERSION'	0.0123

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$77,366
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

**IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY)
 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
MON-THUR EASTBOUND DIRECTION

