

IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 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	3000	714	0	0.36	0	69.9	59.6	49.7
1-2 AM	465	0.0	3000	465	0	0.36	0	70.2	59.7	49.7
2-3 AM	382	0.0	3000	382	0	0.36	0	70.2	59.7	49.7
3-4 AM	382	0.0	3000	382	0	0.36	0	70.2	59.7	49.7
4-5 AM	743	0.0	3000	743	0	0.35	0	69.8	59.6	49.7
5-6 AM	2168	0.0	2999	2168	0	0.41	0	68.1	57.0	46.8
6-7 AM	4403	0.0	2999	3998	405	8.40+	525	60.8	15.4	37.3
7-8 AM	5601	0.0	3000	3000	2601	16.77+	933	52.6	10.4	37.3
8-9 AM	4905	0.0	2999	2934	1971	17.01+	927	57.3	10.4	37.3
9-10 AM	3586	0.0	3000	2977	609	16.64+	878	66.3	10.7	37.3
10-11 AM	3700	0.0	2999	2987	712	16.62+	879	65.6	10.7	37.3
11AM-NOON	4153	0.0	2999	2999	1153	16.64+	889	62.5	10.6	37.3
NOON-1PM	4510	0.0	3000	3031	1479	17.01+	917	60.1	10.5	37.3
1-2 PM	4631	0.0	3000	2993	1638	17.12+	926	59.2	10.4	37.3
2-3 PM	5587	0.0	3000	3000	2587	16.77+	932	52.7	10.4	37.3
3-4 PM	5571	0.0	3000	3000	2571	16.78+	932	52.8	10.4	37.3
4-5 PM	5575	0.0	3000	3000	2575	16.78+	932	52.8	10.4	37.3
5-6 PM	5503	0.0	3000	3000	2503	16.82+	932	53.3	10.4	37.3
6-7 PM	4296	0.0	3000	2982	1314	16.92+	908	61.5	10.6	37.3
7-8 PM	3088	0.0	2999	2928	160	16.48+	868	66.9	10.7	37.3
8-9 PM	2694	0.0	2999	2694	0	13.10+	685	67.4	11.8	37.3
9-10 PM	2781	0.0	3000	2781	0	8.48	431	67.3	14.4	37.3
10-11 PM	2145	0.0	3000	2145	0	1.10	69	68.1	44.7	47.5
11PM-MID	1281	0.0	3000	1281	0	0.35	0	69.1	59.3	49.7

+ 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

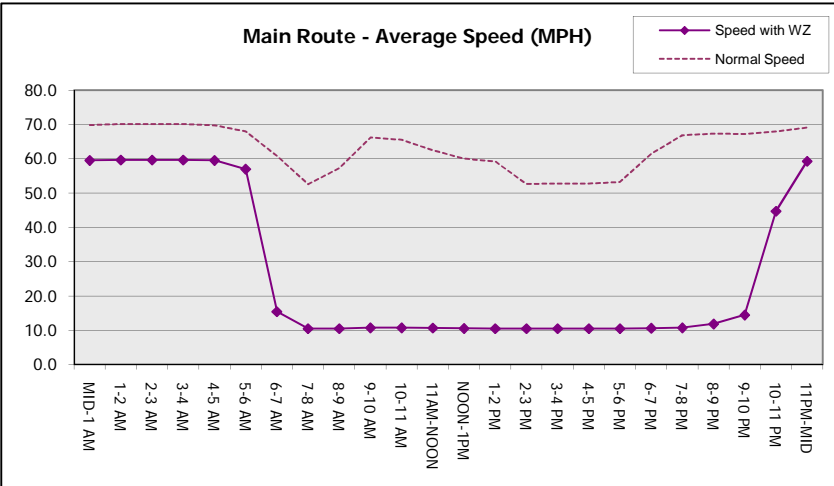
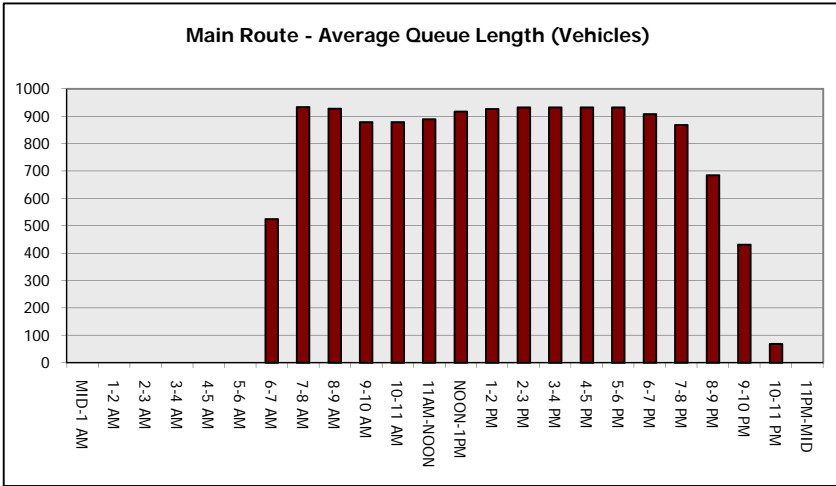
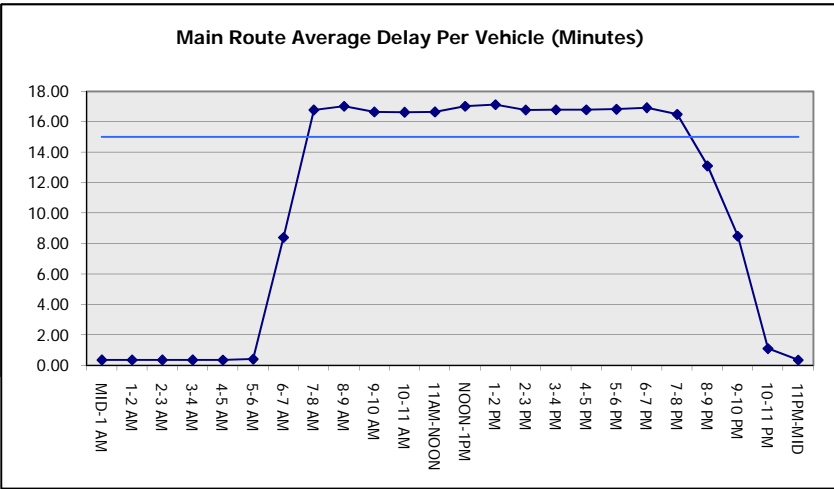
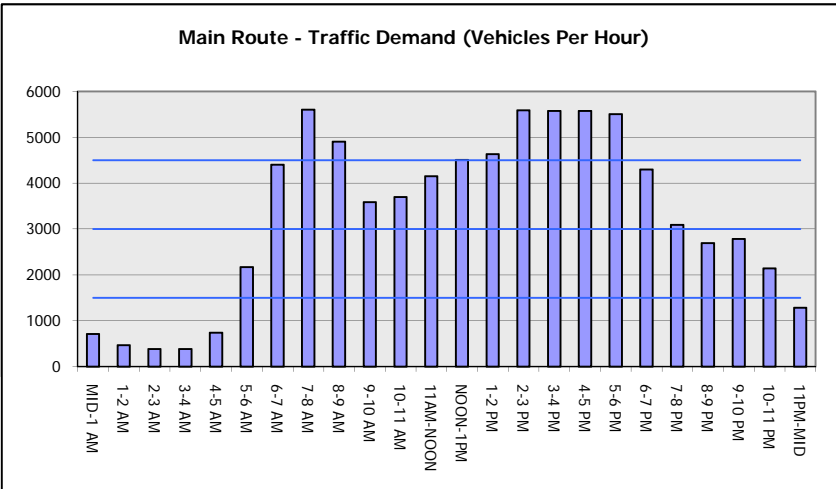
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0301
MAIN ROUTE WITH WORKS	0.0179
'DIVERSION'	0.0197
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$246,919
CONGESTED HOURS PER DAY*	15

*Delays Exceeding User-Specified Maximum

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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 94: STH 181 TO USH 41 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	3000	724	0	0.35	0	69.9	59.6	49.7	
1-2 AM	384	0.0	3000	384	0	0.36	0	70.2	59.7	49.7	
2-3 AM	315	0.0	3000	315	0	0.36	0	70.2	59.7	49.7	
3-4 AM	294	0.0	3000	294	0	0.36	0	70.2	59.7	49.7	
4-5 AM	615	0.0	3000	615	0	0.36	0	70.0	59.6	49.7	
5-6 AM	2322	0.0	2999	2322	0	0.50	0	67.9	54.9	44.0	
6-7 AM	5537	0.0	2999	4036	1501	12.68+	726	53.0	11.8	37.3	
7-8 AM	5955	0.0	2999	2996	2959	16.56+	932	50.2	10.4	37.3	
8-9 AM	5248	0.0	2999	2930	2318	16.85+	927	55.0	10.4	37.3	
9-10 AM	4080	0.0	2999	2929	1151	16.75+	894	63.0	10.6	37.3	
10-11 AM	3986	0.0	2999	2996	990	16.56+	881	63.7	10.6	37.3	
11AM-NOON	4288	0.0	2999	3016	1273	16.74+	897	61.5	10.6	37.3	
NOON-1PM	4297	0.0	3000	2998	1299	16.78+	900	61.5	10.6	37.3	
1-2 PM	4351	0.0	3000	3011	1341	16.83+	904	61.1	10.6	37.3	
2-3 PM	4813	0.0	2999	3004	1809	17.14+	932	58.0	10.4	37.3	
3-4 PM	4979	0.0	3000	3000	1979	17.08+	933	56.8	10.4	37.3	
4-5 PM	5163	0.0	3000	3000	2164	16.99+	932	55.6	10.4	37.3	
5-6 PM	5499	0.0	3000	3000	2499	16.82+	932	53.3	10.4	37.3	
6-7 PM	4647	0.0	2999	2994	1653	17.02+	921	59.1	10.5	37.3	
7-8 PM	3481	0.0	3000	2987	495	16.62+	877	66.4	10.7	37.3	
8-9 PM	3075	0.0	2999	2972	103	16.55+	872	66.9	10.7	37.3	
9-10 PM	2980	0.0	2999	2934	46	16.24+	854	67.0	10.7	37.3	
10-11 PM	2151	0.0	2999	2151	0	6.07	426	68.1	19.3	43.4	
11PM-MID	1433	0.0	3000	1433	0	0.34	0	68.9	59.2	49.7	

+ 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	0.0308
MAIN ROUTE WITH WORKS	0.0180
'DIVERSION'	0.0208

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$266,131
CONGESTED HOURS PER DAY*	16

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

