

<b>IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	914	0.0	3000	914	0	0.36	0	70.2	61.5	49.7	
1-2 AM	516	0.0	3000	516	0	0.36	0	70.2	61.5	49.7	
2-3 AM	353	0.0	3000	353	0	0.36	0	70.2	61.5	49.7	
3-4 AM	256	0.0	3000	256	0	0.36	0	70.2	61.5	49.7	
4-5 AM	282	0.0	3000	282	0	0.36	0	70.2	61.5	49.7	
5-6 AM	449	0.0	3000	449	0	0.36	0	70.2	61.5	49.7	
6-7 AM	711	0.0	3000	711	0	0.36	0	70.2	61.5	49.7	
7-8 AM	877	0.0	3000	877	0	0.36	0	70.2	61.5	49.7	
8-9 AM	1317	0.0	3000	1317	0	0.36	0	70.2	61.5	49.7	
9-10 AM	1947	0.0	3000	1947	0	0.35	0	69.6	61.3	49.7	
10-11 AM	2528	0.0	3000	2528	0	0.45	0	68.9	58.7	45.6	
11AM-NOON	2717	0.0	3000	2717	0	0.58	0	68.7	56.3	41.7	
NOON-1PM	2946	0.0	2999	2946	0	0.73	0	68.4	53.6	37.7	
1-2 PM	3021	0.0	2999	3021	0	0.91	8	68.3	50.7	36.9	
2-3 PM	3020	0.0	2999	3020	0	1.30	29	68.3	45.7	36.9	
3-4 PM	3085	0.0	3000	3085	0	2.21	81	68.2	37.1	36.9	
4-5 PM	3113	0.0	3000	3113	0	4.23	193	68.2	26.2	36.9	
5-6 PM	2770	0.0	2999	2770	0	3.00	137	68.6	32.0	38.0	
6-7 PM	2715	0.0	3000	2715	0	0.58	0	68.7	56.2	41.7	
7-8 PM	2410	0.0	3000	2410	0	0.38	0	69.1	60.3	48.4	
8-9 PM	2076	0.0	3000	2076	0	0.35	0	69.4	61.2	49.7	
9-10 PM	1875	0.0	3000	1875	0	0.35	0	69.7	61.3	49.7	
10-11 PM	1410	0.0	3000	1410	0	0.36	0	70.2	61.5	49.7	
11PM-MID	928	0.0	3000	928	0	0.36	0	70.2	61.5	49.7	

*----- 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

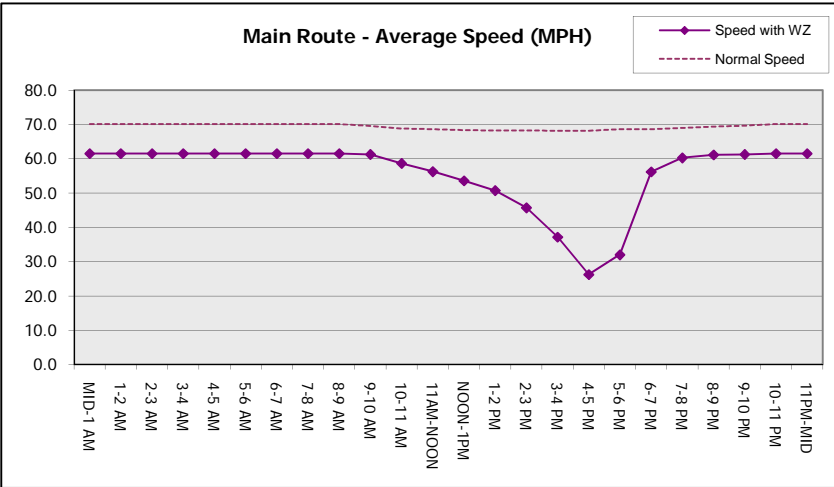
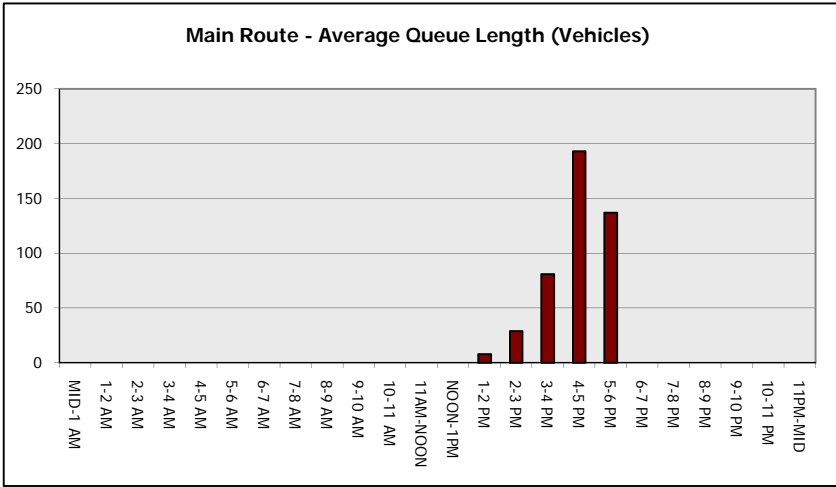
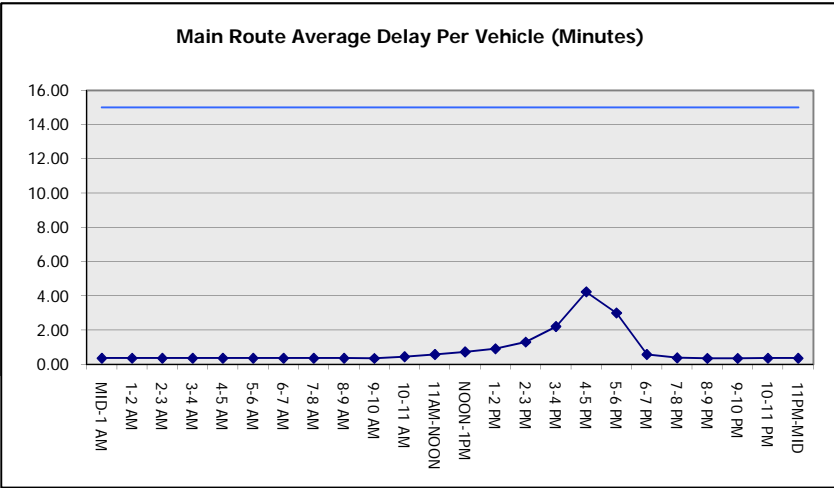
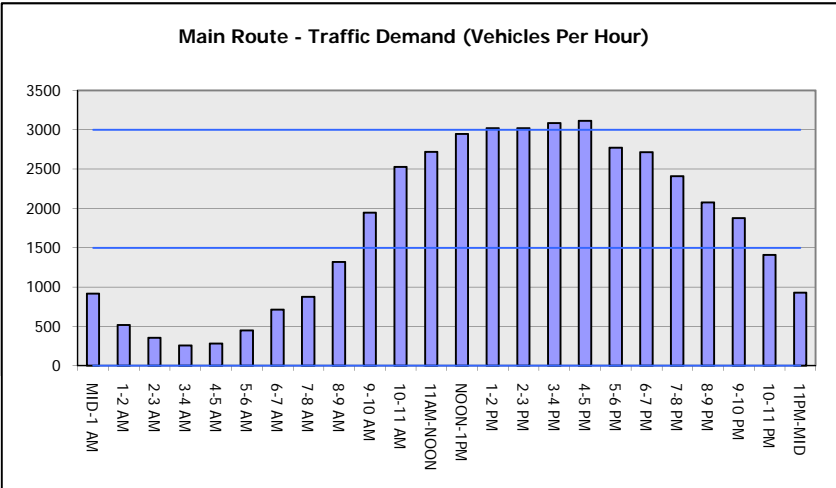
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0202
MAIN ROUTE WITH WORKS	0.0174
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$13,325
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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 CONTINUOUS (24 HOUR) CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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



<b>IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	1148	0.0	3000	1148	0	0.36	0	70.2	61.5	49.7
1-2 AM	748	0.0	3000	748	0	0.36	0	70.2	61.5	49.7
2-3 AM	590	0.0	3000	590	0	0.36	0	70.2	61.5	49.7
3-4 AM	403	0.0	3000	403	0	0.36	0	70.2	61.5	49.7
4-5 AM	455	0.0	3000	455	0	0.36	0	70.2	61.5	49.7
5-6 AM	703	0.0	3000	703	0	0.36	0	70.2	61.5	49.7
6-7 AM	854	0.0	3000	854	0	0.36	0	70.2	61.5	49.7
7-8 AM	1048	0.0	3000	1048	0	0.36	0	70.2	61.5	49.7
8-9 AM	1497	0.0	3000	1497	0	0.36	0	70.2	61.5	49.7
9-10 AM	2247	0.0	3000	2247	0	0.35	0	69.2	61.1	49.7
10-11 AM	2719	0.0	2999	2719	0	0.58	0	68.7	56.3	41.7
11AM-NOON	3179	0.0	2999	3179	0	1.70	60	68.1	41.4	36.9
NOON-1PM	3651	0.0	3000	3651	0	8.82	485	67.2	16.3	36.9
1-2 PM	3788	0.0	2999	3006	782	16.13+	850	66.3	11.6	36.9
2-3 PM	3936	0.0	3000	3005	931	16.09+	851	65.3	11.6	36.9
3-4 PM	3891	0.0	3000	3003	888	16.10+	851	65.6	11.6	36.9
4-5 PM	3773	0.0	3000	3002	771	16.13+	850	66.4	11.6	36.9
5-6 PM	3473	0.0	3000	3001	473	16.17+	848	67.8	11.6	36.9
6-7 PM	3189	0.0	3000	3000	189	16.16+	847	68.1	11.6	36.9
7-8 PM	2561	0.0	2999	2561	0	12.53+	657	68.9	13.1	36.9
8-9 PM	2230	0.0	2999	2230	0	1.66	120	69.2	42.3	46.3
9-10 PM	1900	0.0	3000	1900	0	0.35	0	69.7	61.3	49.7
10-11 PM	1336	0.0	3000	1336	0	0.36	0	70.2	61.5	49.7
11PM-MID	919	0.0	3000	919	0	0.36	0	70.2	61.5	49.7

+ 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	0.0240
MAIN ROUTE WITH WORKS	0.0190
'DIVERSION'	0.0045

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$122,768
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

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**SUNDAY EASTBOUND DIRECTION**

