

IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY) NIGHTTIME 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	605	0.0	3000	605	0	0.36	0	70.2	61.5	49.7
1-2 AM	347	0.0	3000	347	0	0.36	0	70.2	61.5	49.7
2-3 AM	322	0.0	3000	322	0	0.36	0	70.2	61.5	49.7
3-4 AM	400	0.0	3000	400	0	0.36	0	70.2	61.5	49.7
4-5 AM	614	0.0	3000	614	0	0.36	0	70.2	61.5	49.7
5-6 AM	1805	0.0	OFF	1805	0	0.00	0	69.8	69.8	69.8
6-7 AM	3451	0.0	OFF	3451	0	0.00	0	67.8	67.8	67.8
7-8 AM	3932	0.0	OFF	3932	0	0.00	0	65.3	65.3	65.3
8-9 AM	3172	0.0	OFF	3172	0	0.00	0	68.1	68.1	68.1
9-10 AM	2443	0.0	OFF	2443	0	0.00	0	69.0	69.0	69.0
10-11 AM	2578	0.0	OFF	2578	0	0.00	0	68.8	68.8	68.8
11AM-NOON	2587	0.0	OFF	2587	0	0.00	0	68.8	68.8	68.8
NOON-1PM	2692	0.0	OFF	2692	0	0.00	0	68.7	68.7	68.7
1-2 PM	2743	0.0	OFF	2743	0	0.00	0	68.6	68.6	68.6
2-3 PM	3219	0.0	OFF	3219	0	0.00	0	68.1	68.1	68.1
3-4 PM	3466	0.0	OFF	3466	0	0.00	0	67.8	67.8	67.8
4-5 PM	3287	0.0	OFF	3287	0	0.00	0	67.9	67.9	67.9
5-6 PM	3272	0.0	OFF	3272	0	0.00	0	68.0	68.0	68.0
6-7 PM	2534	0.0	OFF	2534	0	0.00	0	68.9	68.9	68.9
7-8 PM	2086	0.0	3000	2086	0	0.35	0	69.4	61.2	49.7
8-9 PM	1760	0.0	3000	1760	0	0.36	0	69.9	61.4	49.7
9-10 PM	1740	0.0	3000	1740	0	0.36	0	69.9	61.4	49.7
10-11 PM	1328	0.0	3000	1328	0	0.36	0	70.2	61.5	49.7
11PM-MID	929	0.0	3000	929	0	0.36	0	70.2	61.5	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

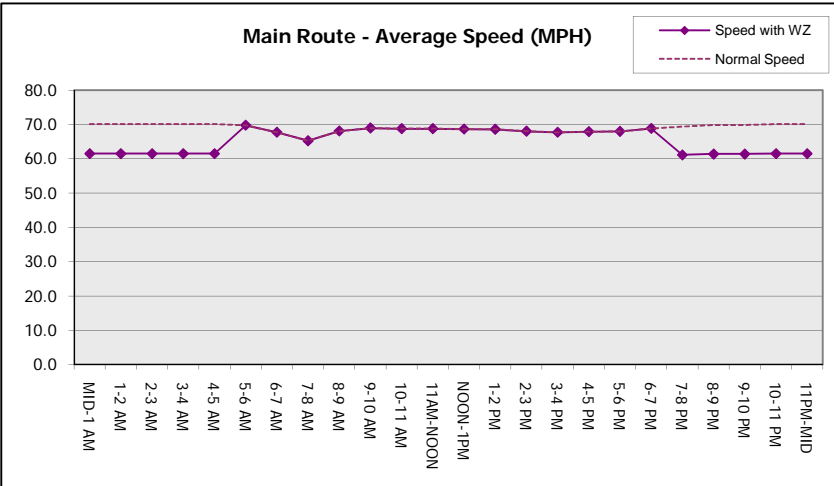
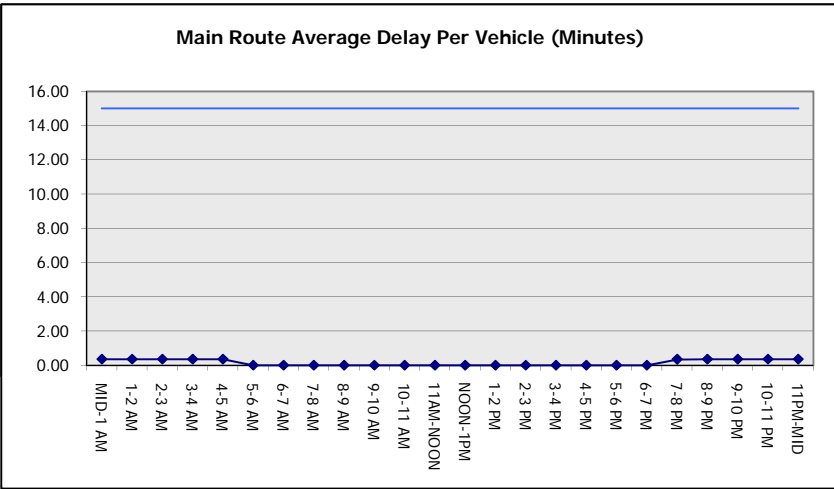
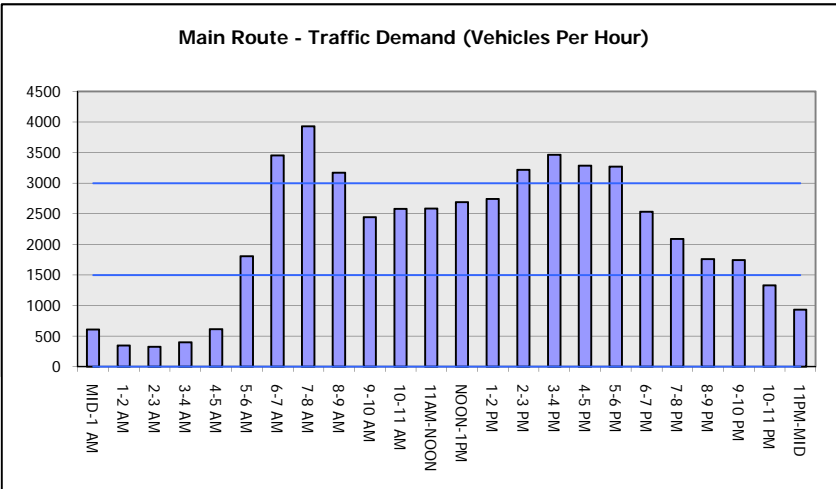
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0245
MAIN ROUTE WITH WORKS	0.0238
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$711
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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



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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	529	0.0	3000	529	0	0.36	0	70.2	61.5	49.7
1-2 AM	366	0.0	3000	366	0	0.36	0	70.2	61.5	49.7
2-3 AM	369	0.0	3000	369	0	0.36	0	70.2	61.5	49.7
3-4 AM	476	0.0	3000	476	0	0.36	0	70.2	61.5	49.7
4-5 AM	930	0.0	3000	930	0	0.36	0	70.2	61.5	49.7
5-6 AM	2125	0.0	OFF	2125	0	0.00	0	69.4	69.4	69.4
6-7 AM	3220	0.0	OFF	3220	0	0.00	0	68.1	68.1	68.1
7-8 AM	3121	0.0	OFF	3121	0	0.00	0	68.2	68.2	68.2
8-9 AM	2814	0.0	OFF	2814	0	0.00	0	68.6	68.6	68.6
9-10 AM	2416	0.0	OFF	2416	0	0.00	0	69.1	69.1	69.1
10-11 AM	2475	0.0	OFF	2475	0	0.00	0	69.0	69.0	69.0
11AM-NOON	2668	0.0	OFF	2668	0	0.00	0	68.7	68.7	68.7
NOON-1PM	2907	0.0	OFF	2907	0	0.00	0	68.4	68.4	68.4
1-2 PM	3049	0.0	OFF	3049	0	0.00	0	68.2	68.2	68.2
2-3 PM	3599	0.0	OFF	3599	0	0.00	0	67.6	67.6	67.6
3-4 PM	3804	0.0	OFF	3804	0	0.00	0	66.2	66.2	66.2
4-5 PM	4165	0.0	OFF	4165	0	0.00	0	63.7	63.7	63.7
5-6 PM	4316	0.0	OFF	4316	0	0.00	0	62.7	62.7	62.7
6-7 PM	3053	0.0	OFF	3053	0	0.00	0	68.2	68.2	68.2
7-8 PM	2259	0.0	3000	2259	0	0.35	0	69.2	61.0	49.7
8-9 PM	1956	0.0	3000	1956	0	0.35	0	69.6	61.3	49.7
9-10 PM	1808	0.0	3000	1808	0	0.35	0	69.8	61.4	49.7
10-11 PM	1418	0.0	3000	1418	0	0.36	0	70.2	61.5	49.7
11PM-MID	909	0.0	3000	909	0	0.36	0	70.2	61.5	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	0.0262
MAIN ROUTE WITH WORKS	0.0254
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$766
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

