

STH 16: STH 190 TO IH 94 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	28	0.0	1500	28	0	0.43	0	66.3	55.8	45.4
1-2 AM	25	0.0	1500	25	0	0.42	0	66.3	55.8	45.4
2-3 AM	22	0.0	1500	22	0	0.42	0	66.3	55.8	45.4
3-4 AM	16	0.0	1500	16	0	0.42	0	66.4	55.9	45.5
4-5 AM	30	0.0	1500	30	0	0.43	0	66.3	55.8	45.4
5-6 AM	71	0.0	1500	71	0	0.43	0	66.3	55.7	45.2
6-7 AM	124	0.0	1500	124	0	0.43	0	66.1	55.5	45.0
7-8 AM	225	0.0	1500	225	0	0.44	0	66.0	55.1	44.6
8-9 AM	294	0.0	1500	294	0	0.45	0	65.8	55.0	44.3
9-10 AM	329	0.0	1500	329	0	0.45	0	65.8	54.8	44.2
10-11 AM	341	0.0	1500	341	0	0.46	0	65.8	54.8	44.2
11AM-NOON	351	0.0	1500	351	0	0.46	0	65.7	54.8	44.1
NOON-1PM	347	0.0	1500	347	0	0.46	0	65.8	54.8	44.1
1-2 PM	347	0.0	1500	347	0	0.46	0	65.8	54.8	44.1
2-3 PM	327	0.0	1500	327	0	0.45	0	65.8	54.8	44.2
3-4 PM	318	0.0	1500	318	0	0.45	0	65.8	54.9	44.2
4-5 PM	309	0.0	1500	309	0	0.45	0	65.8	54.9	44.3
5-6 PM	315	0.0	1500	315	0	0.45	0	65.8	54.9	44.2
6-7 PM	263	0.0	1500	263	0	0.45	0	65.9	55.0	44.4
7-8 PM	197	0.0	1500	197	0	0.44	0	66.0	55.3	44.7
8-9 PM	163	0.0	1500	163	0	0.44	0	66.1	55.4	44.8
9-10 PM	147	0.0	1500	147	0	0.44	0	66.1	55.5	44.9
10-11 PM	130	0.0	1500	130	0	0.44	0	66.1	55.5	45.0
11PM-MID	105	0.0	1500	105	0	0.43	0	66.2	55.6	45.1

----- 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

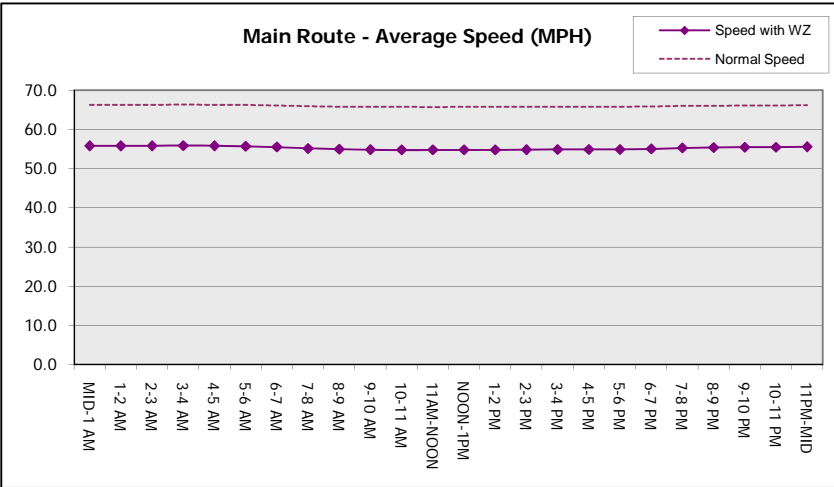
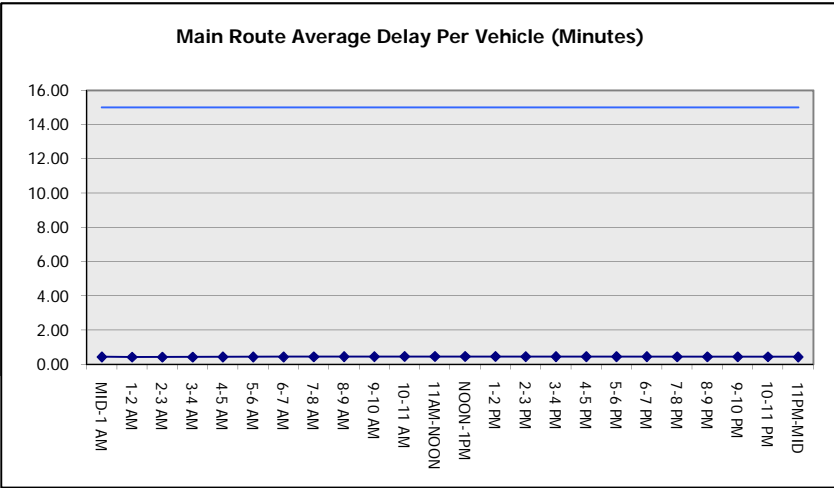
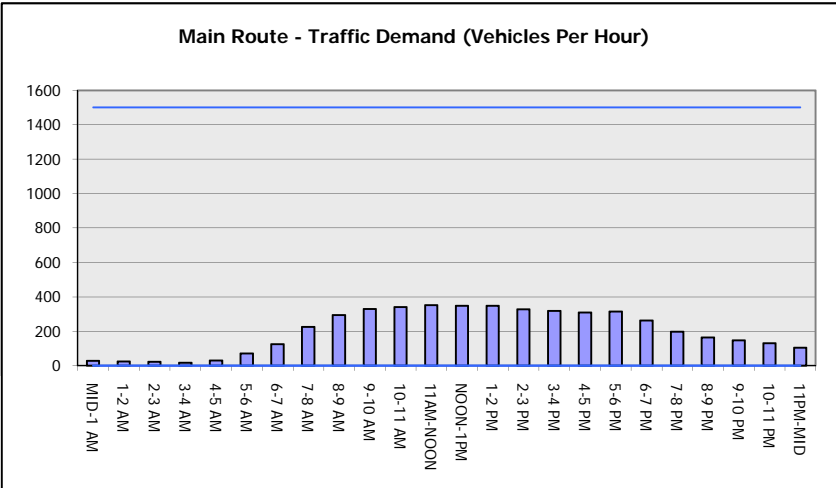
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0019
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$542
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



STH 16: STH 190 TO IH 94 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	75	0.0	1500	75	0	0.43	0	66.3	55.6	45.2
1-2 AM	43	0.0	1500	43	0	0.43	0	66.3	55.8	45.3
2-3 AM	32	0.0	1500	32	0	0.43	0	66.3	55.8	45.4
3-4 AM	19	0.0	1500	19	0	0.42	0	66.3	55.8	45.4
4-5 AM	23	0.0	1500	23	0	0.42	0	66.3	55.8	45.4
5-6 AM	39	0.0	1500	39	0	0.43	0	66.3	55.8	45.3
6-7 AM	84	0.0	1500	84	0	0.43	0	66.2	55.6	45.1
7-8 AM	133	0.0	1500	133	0	0.44	0	66.1	55.5	45.0
8-9 AM	202	0.0	1500	202	0	0.44	0	66.0	55.3	44.6
9-10 AM	229	0.0	1500	229	0	0.44	0	66.0	55.1	44.6
10-11 AM	262	0.0	1500	262	0	0.45	0	65.9	55.0	44.5
11AM-NOON	328	0.0	1500	328	0	0.45	0	65.8	54.8	44.2
NOON-1PM	361	0.0	1500	361	0	0.46	0	65.7	54.7	44.0
1-2 PM	356	0.0	1500	356	0	0.46	0	65.7	54.8	44.1
2-3 PM	338	0.0	1500	338	0	0.46	0	65.8	54.8	44.2
3-4 PM	335	0.0	1500	335	0	0.45	0	65.8	54.8	44.2
4-5 PM	363	0.0	1500	363	0	0.46	0	65.7	54.7	44.0
5-6 PM	307	0.0	1500	307	0	0.45	0	65.8	54.9	44.3
6-7 PM	279	0.0	1500	279	0	0.45	0	65.9	55.0	44.3
7-8 PM	211	0.0	1500	211	0	0.44	0	66.0	55.2	44.6
8-9 PM	181	0.0	1500	181	0	0.44	0	66.1	55.3	44.8
9-10 PM	180	0.0	1500	180	0	0.44	0	66.1	55.3	44.8
10-11 PM	173	0.0	1500	173	0	0.44	0	66.1	55.3	44.8
11PM-MID	113	0.0	1500	113	0	0.43	0	66.2	55.5	45.0

----- 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	0.0019
MAIN ROUTE WITH WORKS	0.0015
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$524
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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