

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

FRIDAY 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	19	0.0	1500	19	0	0.42	0	66.3	55.8	45.4
1-2 AM	13	0.0	1500	13	0	0.42	0	66.4	55.9	45.5
2-3 AM	12	0.0	1500	12	0	0.42	0	66.4	55.9	45.5
3-4 AM	24	0.0	1500	24	0	0.42	0	66.3	55.8	45.4
4-5 AM	60	0.0	1500	60	0	0.43	0	66.3	55.7	45.3
5-6 AM	240	0.0	1500	240	0	0.45	0	66.0	55.1	44.5
6-7 AM	608	0.0	1500	608	0	0.48	0	65.3	54.0	43.1
7-8 AM	868	0.0	1500	868	0	0.51	0	64.8	53.2	42.2
8-9 AM	609	0.0	1500	609	0	0.48	0	65.3	54.0	43.1
9-10 AM	374	0.0	1500	374	0	0.46	0	65.7	54.7	44.0
10-11 AM	335	0.0	1500	335	0	0.45	0	65.8	54.8	44.2
11AM-NOON	343	0.0	1500	343	0	0.46	0	65.8	54.8	44.1
NOON-1PM	322	0.0	1500	322	0	0.45	0	65.8	54.8	44.2
1-2 PM	308	0.0	1500	308	0	0.45	0	65.8	54.9	44.3
2-3 PM	346	0.0	1500	346	0	0.46	0	65.8	54.8	44.1
3-4 PM	377	0.0	1500	377	0	0.46	0	65.7	54.6	44.0
4-5 PM	416	0.0	1500	416	0	0.46	0	65.6	54.5	43.8
5-6 PM	429	0.0	1500	429	0	0.46	0	65.6	54.5	43.8
6-7 PM	311	0.0	1500	311	0	0.45	0	65.8	54.9	44.2
7-8 PM	213	0.0	1500	213	0	0.44	0	66.0	55.2	44.6
8-9 PM	166	0.0	1500	166	0	0.44	0	66.1	55.4	44.8
9-10 PM	135	0.0	1500	135	0	0.44	0	66.1	55.5	45.0
10-11 PM	156	0.0	1500	156	0	0.44	0	66.1	55.4	44.8
11PM-MID	75	0.0	1500	75	0	0.43	0	66.3	55.6	45.2

----- 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

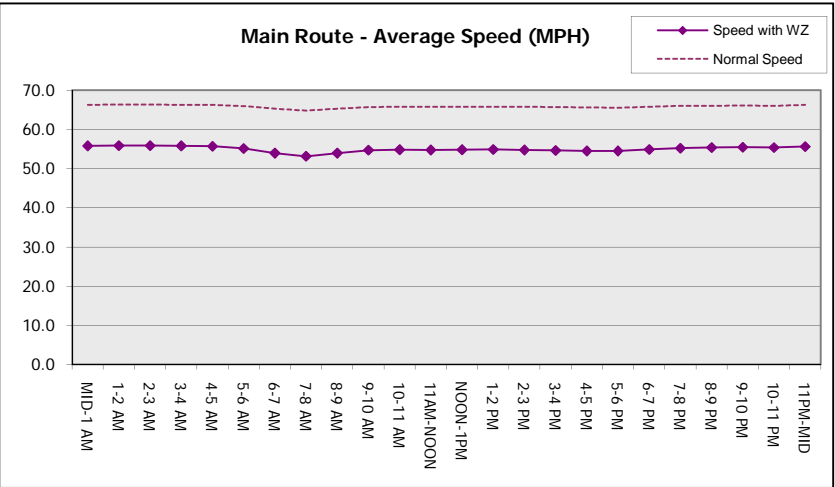
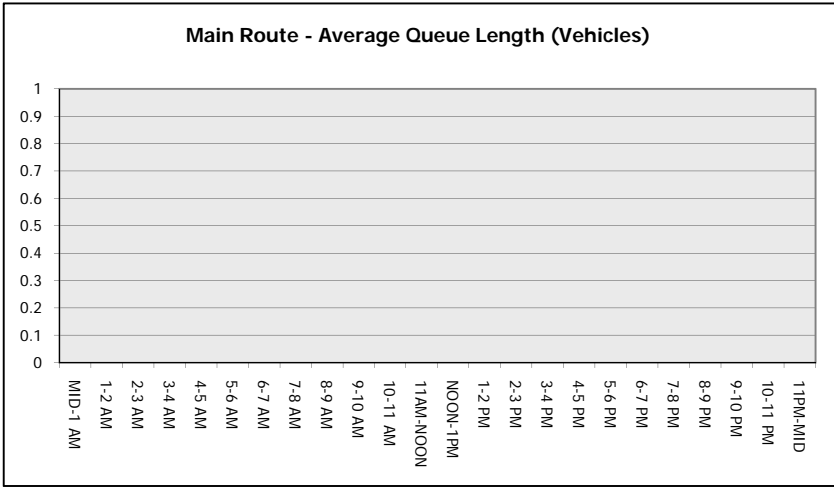
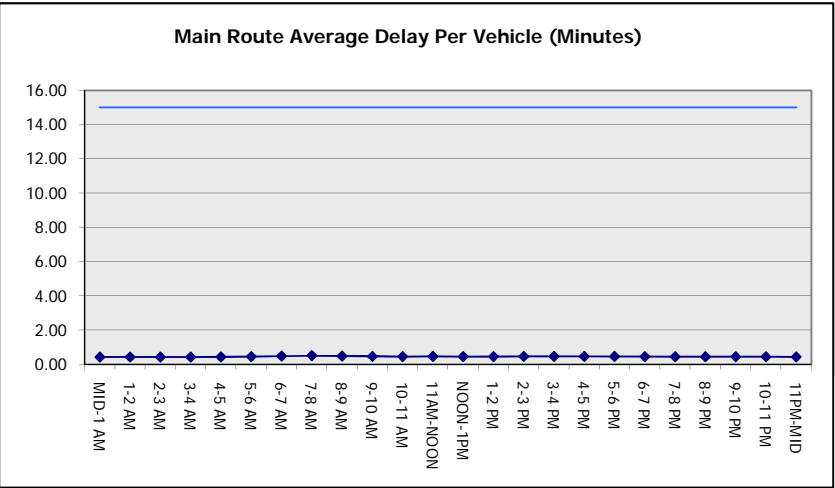
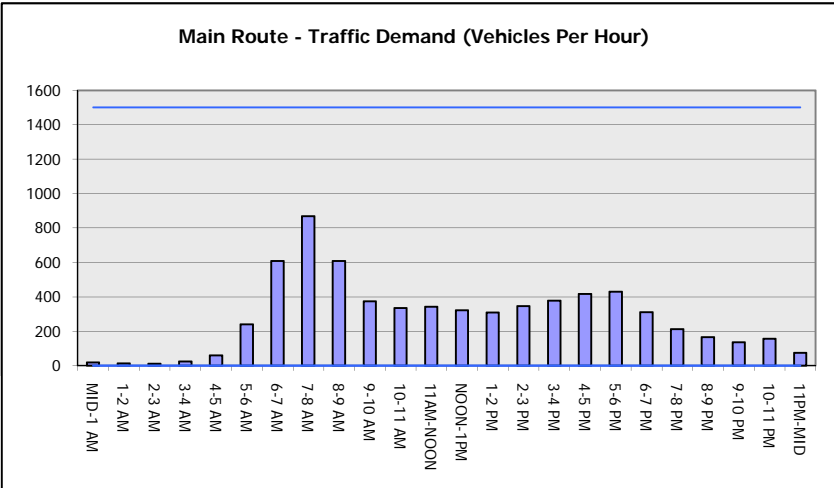
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0027
MAIN ROUTE WITH WORKS	0.0022
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$633
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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

FRIDAY 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	40	0.0	1500	40	0	0.43	0	66.3	55.8	45.3
1-2 AM	28	0.0	1500	28	0	0.43	0	66.3	55.8	45.4
2-3 AM	20	0.0	1500	20	0	0.42	0	66.3	55.8	45.4
3-4 AM	12	0.0	1500	12	0	0.42	0	66.4	55.9	45.5
4-5 AM	18	0.0	1500	18	0	0.42	0	66.3	55.8	45.5
5-6 AM	74	0.0	1500	74	0	0.43	0	66.3	55.6	45.2
6-7 AM	183	0.0	1500	183	0	0.44	0	66.1	55.3	44.8
7-8 AM	318	0.0	1500	318	0	0.45	0	65.8	54.9	44.2
8-9 AM	267	0.0	1500	267	0	0.45	0	65.9	55.0	44.4
9-10 AM	232	0.0	1500	232	0	0.45	0	66.0	55.1	44.5
10-11 AM	266	0.0	1500	266	0	0.45	0	65.9	55.0	44.4
11AM-NOON	302	0.0	1500	302	0	0.45	0	65.8	54.9	44.3
NOON-1PM	335	0.0	1500	335	0	0.45	0	65.8	54.8	44.2
1-2 PM	357	0.0	1500	357	0	0.46	0	65.7	54.7	44.0
2-3 PM	427	0.0	1500	427	0	0.46	0	65.6	54.5	43.8
3-4 PM	614	0.0	1500	614	0	0.48	0	65.3	53.9	43.1
4-5 PM	733	0.0	1500	733	0	0.49	0	65.0	53.5	42.7
5-6 PM	775	0.0	1500	775	0	0.50	0	65.0	53.4	42.5
6-7 PM	495	0.0	1500	495	0	0.47	0	65.5	54.3	43.5
7-8 PM	277	0.0	1500	277	0	0.45	0	65.9	55.0	44.4
8-9 PM	231	0.0	1500	231	0	0.44	0	66.0	55.1	44.6
9-10 PM	204	0.0	1500	204	0	0.44	0	66.0	55.3	44.6
10-11 PM	163	0.0	1500	163	0	0.44	0	66.1	55.4	44.8
11PM-MID	115	0.0	1500	115	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	0.0026
MAIN ROUTE WITH WORKS	0.0022
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$606
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

