

STH 16: STH 190 TO IH 94 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	67	0.0	1500	67	0	0.43	0	66.3	55.7	45.2
1-2 AM	39	0.0	1500	39	0	0.43	0	66.3	55.8	45.3
2-3 AM	31	0.0	1500	31	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	15	0.0	1500	15	0	0.42	0	66.4	55.9	45.5
5-6 AM	28	0.0	1500	28	0	0.43	0	66.3	55.8	45.4
6-7 AM	70	0.0	1500	70	0	0.43	0	66.3	55.7	45.2
7-8 AM	93	0.0	1500	93	0	0.43	0	66.2	55.6	45.1
8-9 AM	158	0.0	1500	158	0	0.44	0	66.1	55.4	44.8
9-10 AM	240	0.0	1500	240	0	0.45	0	66.0	55.1	44.5
10-11 AM	291	0.0	1500	291	0	0.45	0	65.8	55.0	44.3
11AM-NOON	349	0.0	1500	349	0	0.46	0	65.8	54.8	44.1
NOON-1PM	334	0.0	1500	334	0	0.45	0	65.8	54.8	44.2
1-2 PM	285	0.0	1500	285	0	0.45	0	65.8	55.0	44.3
2-3 PM	283	0.0	1500	283	0	0.45	0	65.9	55.0	44.3
3-4 PM	279	0.0	1500	279	0	0.45	0	65.9	55.0	44.3
4-5 PM	296	0.0	1500	296	0	0.45	0	65.8	55.0	44.3
5-6 PM	257	0.0	1500	257	0	0.45	0	65.9	55.1	44.5
6-7 PM	248	0.0	1500	248	0	0.45	0	66.0	55.1	44.5
7-8 PM	252	0.0	1500	252	0	0.45	0	65.9	55.1	44.5
8-9 PM	231	0.0	1500	231	0	0.44	0	66.0	55.1	44.6
9-10 PM	137	0.0	1500	137	0	0.44	0	66.1	55.5	45.0
10-11 PM	109	0.0	1500	109	0	0.43	0	66.2	55.6	45.1
11PM-MID	43	0.0	1500	43	0	0.43	0	66.3	55.8	45.3

----- 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	0.0017
MAIN ROUTE WITH WORKS	0.0014
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

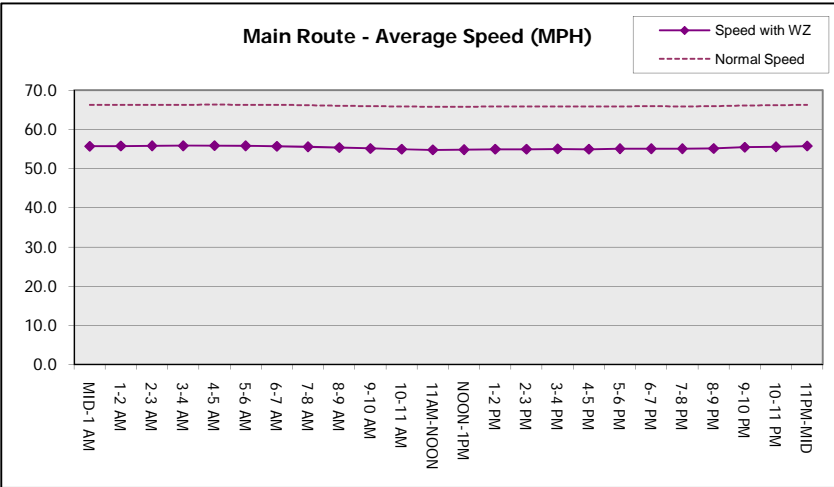
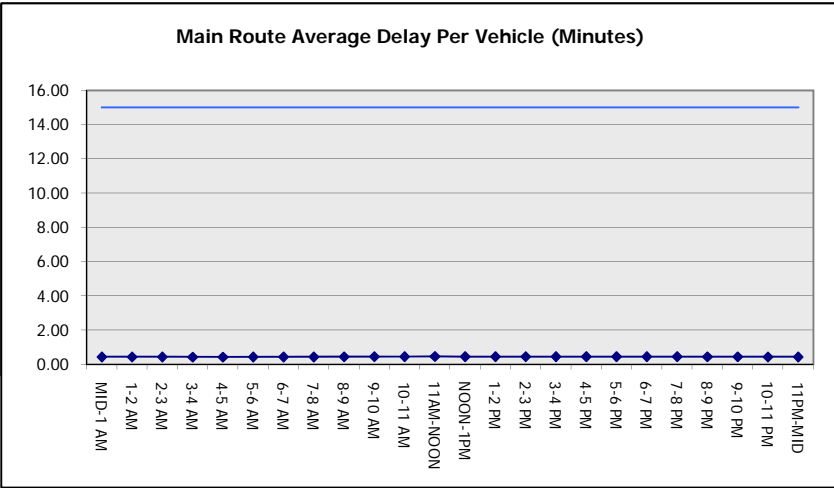
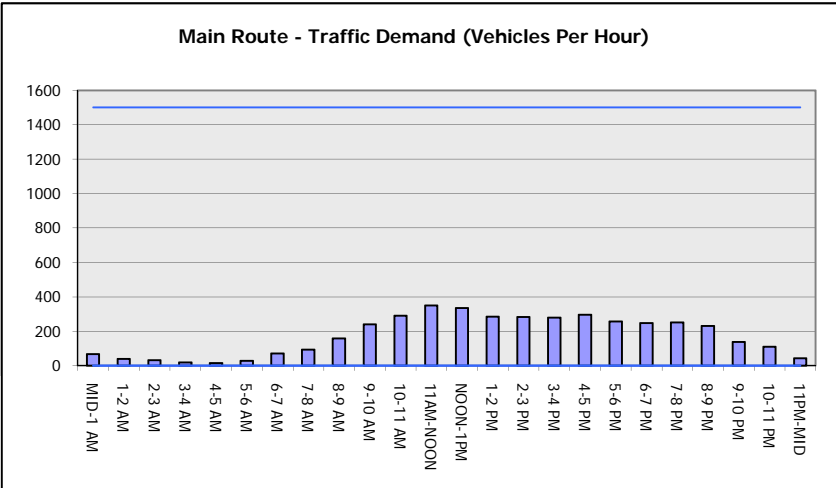
ROAD USER COSTS PER DAY	\$469
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



STH 16: STH 190 TO IH 94 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	96	0.0	1500	96	0	0.43	0	66.2	55.6	45.1
1-2 AM	39	0.0	1500	39	0	0.43	0	66.3	55.8	45.3
2-3 AM	33	0.0	1500	33	0	0.43	0	66.3	55.8	45.3
3-4 AM	20	0.0	1500	20	0	0.42	0	66.3	55.8	45.4
4-5 AM	19	0.0	1500	19	0	0.42	0	66.3	55.8	45.4
5-6 AM	31	0.0	1500	31	0	0.43	0	66.3	55.8	45.4
6-7 AM	65	0.0	1500	65	0	0.43	0	66.3	55.7	45.2
7-8 AM	69	0.0	1500	69	0	0.43	0	66.3	55.7	45.2
8-9 AM	99	0.0	1500	99	0	0.43	0	66.2	55.6	45.1
9-10 AM	158	0.0	1500	158	0	0.44	0	66.1	55.4	44.8
10-11 AM	205	0.0	1500	205	0	0.44	0	66.0	55.2	44.6
11AM-NOON	260	0.0	1500	260	0	0.45	0	65.9	55.1	44.5
NOON-1PM	319	0.0	1500	319	0	0.45	0	65.8	54.8	44.2
1-2 PM	340	0.0	1500	340	0	0.46	0	65.8	54.8	44.2
2-3 PM	321	0.0	1500	321	0	0.45	0	65.8	54.8	44.2
3-4 PM	283	0.0	1500	283	0	0.45	0	65.9	55.0	44.3
4-5 PM	290	0.0	1500	290	0	0.45	0	65.8	55.0	44.3
5-6 PM	250	0.0	1500	250	0	0.45	0	66.0	55.1	44.5
6-7 PM	211	0.0	1500	211	0	0.44	0	66.0	55.2	44.6
7-8 PM	194	0.0	1500	194	0	0.44	0	66.0	55.3	44.7
8-9 PM	170	0.0	1500	170	0	0.44	0	66.1	55.3	44.8
9-10 PM	132	0.0	1500	132	0	0.44	0	66.1	55.5	45.0
10-11 PM	87	0.0	1500	87	0	0.43	0	66.2	55.6	45.1
11PM-MID	58	0.0	1500	58	0	0.43	0	66.3	55.7	45.3

----- 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	0.0015
MAIN ROUTE WITH WORKS	0.0012
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$421
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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