

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

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	57	0.0	1500	57	0	0.43	0	66.3	55.7	45.3
1-2 AM	39	0.0	1500	39	0	0.43	0	66.3	55.8	45.3
2-3 AM	24	0.0	1500	24	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	12	0.0	1500	12	0	0.42	0	66.4	55.9	45.5
5-6 AM	33	0.0	1500	33	0	0.43	0	66.3	55.8	45.3
6-7 AM	59	0.0	1500	59	0	0.43	0	66.3	55.7	45.3
7-8 AM	98	0.0	1500	98	0	0.43	0	66.2	55.6	45.1
8-9 AM	157	0.0	1500	157	0	0.44	0	66.1	55.4	44.8
9-10 AM	253	0.0	1500	253	0	0.45	0	65.9	55.1	44.5
10-11 AM	302	0.0	1500	302	0	0.45	0	65.8	54.9	44.3
11AM-NOON	301	0.0	1500	301	0	0.45	0	65.8	54.9	44.3
NOON-1PM	327	0.0	1500	327	0	0.45	0	65.8	54.8	44.2
1-2 PM	329	0.0	1500	329	0	0.45	0	65.8	54.8	44.2
2-3 PM	306	0.0	1500	306	0	0.45	0	65.8	54.9	44.3
3-4 PM	307	0.0	1500	307	0	0.45	0	65.8	54.9	44.3
4-5 PM	326	0.0	1500	326	0	0.45	0	65.8	54.8	44.2
5-6 PM	259	0.0	1500	259	0	0.45	0	65.9	55.1	44.5
6-7 PM	222	0.0	1500	222	0	0.44	0	66.0	55.2	44.6
7-8 PM	178	0.0	1500	178	0	0.44	0	66.1	55.3	44.8
8-9 PM	154	0.0	1500	154	0	0.44	0	66.1	55.4	44.9
9-10 PM	98	0.0	1500	98	0	0.43	0	66.2	55.6	45.1
10-11 PM	67	0.0	1500	67	0	0.43	0	66.3	55.7	45.2
11PM-MID	28	0.0	1500	28	0	0.43	0	66.3	55.8	45.4

----- 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	0.0016
MAIN ROUTE WITH WORKS	0.0013
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

ROAD USER COSTS PER DAY	\$448
CONGESTED HOURS PER DAY*	0

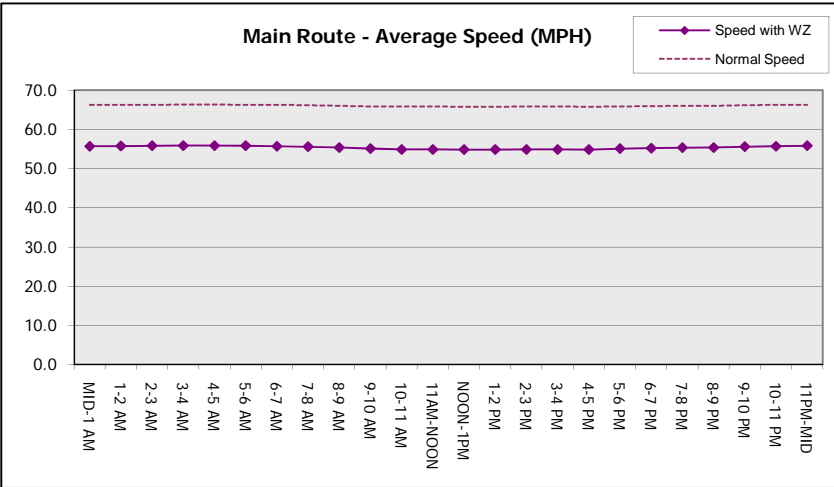
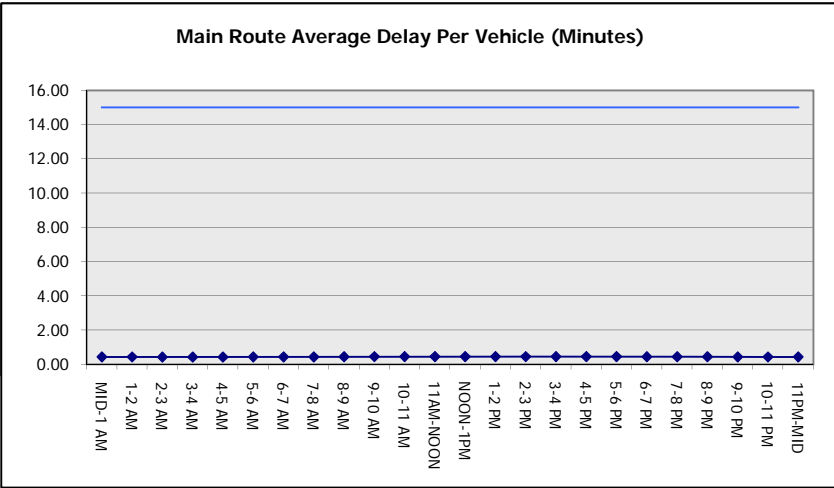
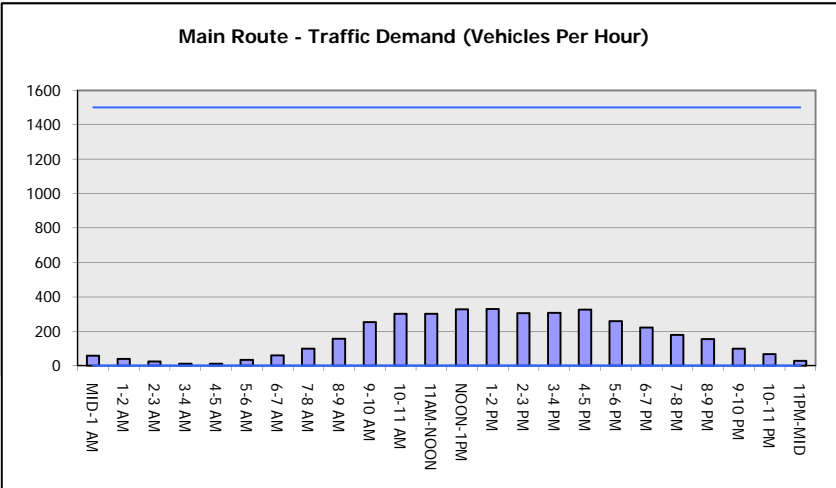
*Delays Exceeding User-Specified Maximum

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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)	MAY
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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	67	0.0	1500	67	0	0.43	0	66.3	55.7	45.2
1-2 AM	41	0.0	1500	41	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	14	0.0	1500	14	0	0.42	0	66.4	55.9	45.5
4-5 AM	14	0.0	1500	14	0	0.42	0	66.4	55.9	45.5
5-6 AM	23	0.0	1500	23	0	0.42	0	66.3	55.8	45.4
6-7 AM	29	0.0	1500	29	0	0.43	0	66.3	55.8	45.4
7-8 AM	73	0.0	1500	73	0	0.43	0	66.3	55.6	45.2
8-9 AM	102	0.0	1500	102	0	0.43	0	66.2	55.6	45.1
9-10 AM	172	0.0	1500	172	0	0.44	0	66.1	55.3	44.8
10-11 AM	210	0.0	1500	210	0	0.44	0	66.0	55.2	44.6
11AM-NOON	255	0.0	1500	255	0	0.45	0	65.9	55.1	44.5
NOON-1PM	332	0.0	1500	332	0	0.45	0	65.8	54.8	44.2
1-2 PM	303	0.0	1500	303	0	0.45	0	65.8	54.9	44.3
2-3 PM	317	0.0	1500	317	0	0.45	0	65.8	54.9	44.2
3-4 PM	290	0.0	1500	290	0	0.45	0	65.8	55.0	44.3
4-5 PM	293	0.0	1500	293	0	0.45	0	65.8	55.0	44.3
5-6 PM	262	0.0	1500	262	0	0.45	0	65.9	55.0	44.5
6-7 PM	222	0.0	1500	222	0	0.44	0	66.0	55.2	44.6
7-8 PM	171	0.0	1500	171	0	0.44	0	66.1	55.3	44.8
8-9 PM	147	0.0	1500	147	0	0.44	0	66.1	55.5	44.9
9-10 PM	105	0.0	1500	105	0	0.43	0	66.2	55.6	45.1
10-11 PM	69	0.0	1500	69	0	0.43	0	66.3	55.7	45.2
11PM-MID	36	0.0	1500	36	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	0.0014
MAIN ROUTE WITH WORKS	0.0012
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$404
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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