

IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY) NIGHTTIME 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	776	0.0	3000	776	0	0.35	0	69.7	63.5	49.7
1-2 AM	421	0.0	3000	421	0	0.36	0	70.2	63.8	49.7
2-3 AM	350	0.0	3000	350	0	0.36	0	70.2	63.8	49.7
3-4 AM	207	0.0	3000	207	0	0.36	0	70.2	63.8	49.7
4-5 AM	192	0.0	3000	192	0	0.36	0	70.2	63.8	49.7
5-6 AM	377	0.0	3000	377	0	0.36	0	70.2	63.8	49.7
6-7 AM	627	0.0	3000	627	0	0.36	0	69.9	63.7	49.7
7-8 AM	1144	0.0	3000	1144	0	0.35	0	69.3	63.2	49.7
8-9 AM	1597	0.0	3000	1597	0	0.34	0	68.7	62.9	49.7
9-10 AM	2252	0.0	OFF	2252	0	0.00	0	67.9	67.9	67.9
10-11 AM	2909	0.0	OFF	2909	0	0.00	0	67.1	67.1	67.1
11AM-NOON	3139	0.0	OFF	3139	0	0.00	0	66.8	66.8	66.8
NOON-1PM	3747	0.0	OFF	3747	0	0.00	0	65.3	65.3	65.3
1-2 PM	3486	0.0	OFF	3486	0	0.00	0	66.4	66.4	66.4
2-3 PM	3497	0.0	OFF	3497	0	0.00	0	66.4	66.4	66.4
3-4 PM	3581	0.0	OFF	3581	0	0.00	0	66.3	66.3	66.3
4-5 PM	4064	0.0	OFF	4064	0	0.00	0	63.1	63.1	63.1
5-6 PM	3501	0.0	OFF	3501	0	0.00	0	66.4	66.4	66.4
6-7 PM	2631	0.0	OFF	2631	0	0.00	0	67.4	67.4	67.4
7-8 PM	2257	0.0	3000	2257	0	0.33	0	67.9	62.3	49.7
8-9 PM	1746	0.0	3000	1746	0	0.34	0	68.6	62.8	49.7
9-10 PM	1277	0.0	3000	1277	0	0.35	0	69.1	63.2	49.7
10-11 PM	914	0.0	3000	914	0	0.35	0	69.6	63.4	49.7
11PM-MID	582	0.0	3000	582	0	0.36	0	70.0	63.7	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	0.0303
MAIN ROUTE WITH WORKS	0.0294
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$22,862
CONGESTED HOURS PER DAY*	0

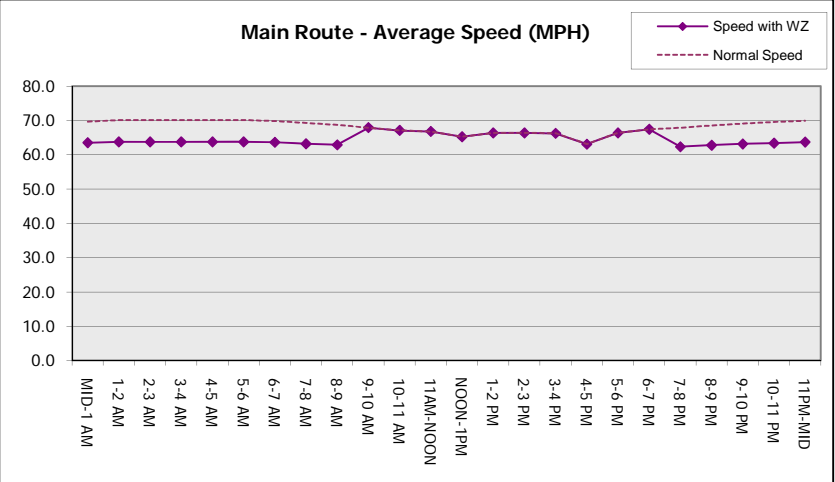
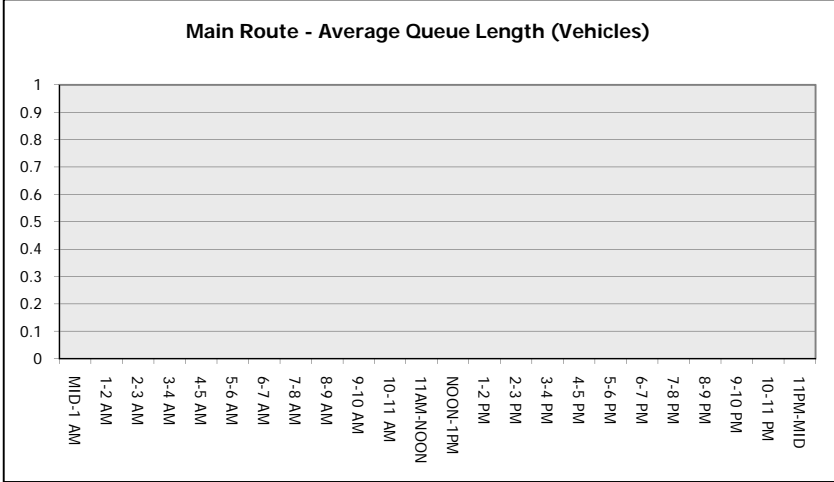
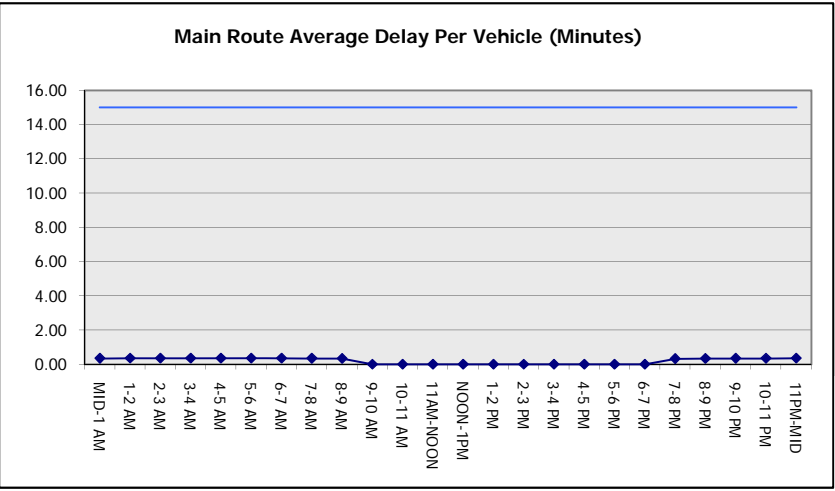
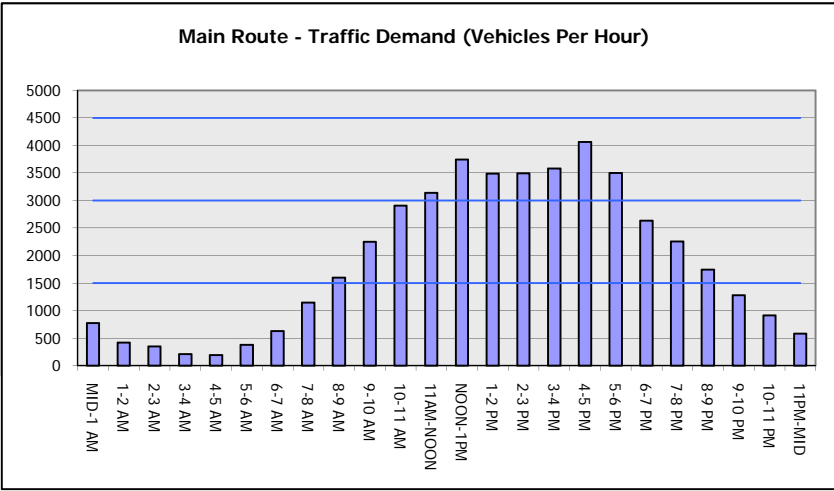
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY) NIGHTTIME 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	671	0.0	3000	671	0	0.36	0	69.9	63.6	49.7
1-2 AM	393	0.0	3000	393	0	0.36	0	70.2	63.8	49.7
2-3 AM	257	0.0	3000	257	0	0.36	0	70.2	63.8	49.7
3-4 AM	175	0.0	3000	175	0	0.36	0	70.2	63.8	49.7
4-5 AM	217	0.0	3000	217	0	0.36	0	70.2	63.8	49.7
5-6 AM	336	0.0	3000	336	0	0.36	0	70.2	63.8	49.7
6-7 AM	555	0.0	3000	555	0	0.36	0	70.0	63.7	49.7
7-8 AM	897	0.0	3000	897	0	0.35	0	69.6	63.5	49.7
8-9 AM	1438	0.0	3000	1438	0	0.34	0	68.9	63.0	49.7
9-10 AM	2346	0.0	OFF	2346	0	0.00	0	67.8	67.8	67.8
10-11 AM	3384	0.0	OFF	3384	0	0.00	0	66.5	66.5	66.5
11AM-NOON	4088	0.0	OFF	4088	0	0.00	0	62.9	62.9	62.9
NOON-1PM	4157	0.0	OFF	4157	0	0.00	0	62.5	62.5	62.5
1-2 PM	3878	0.0	OFF	3878	0	0.00	0	64.3	64.3	64.3
2-3 PM	3742	0.0	OFF	3742	0	0.00	0	65.3	65.3	65.3
3-4 PM	3692	0.0	OFF	3692	0	0.00	0	65.6	65.6	65.6
4-5 PM	3662	0.0	OFF	3662	0	0.00	0	65.8	65.8	65.8
5-6 PM	3420	0.0	OFF	3420	0	0.00	0	66.5	66.5	66.5
6-7 PM	3089	0.0	OFF	3089	0	0.00	0	66.9	66.9	66.9
7-8 PM	2703	0.0	3000	2703	0	0.53	0	67.4	58.9	42.4
8-9 PM	2275	0.0	3000	2275	0	0.33	0	67.9	62.3	49.7
9-10 PM	1719	0.0	3000	1719	0	0.34	0	68.6	62.8	49.7
10-11 PM	1074	0.0	3000	1074	0	0.35	0	69.4	63.3	49.7
11PM-MID	660	0.0	3000	660	0	0.36	0	69.9	63.7	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	0.0326
MAIN ROUTE WITH WORKS	0.0318
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$27,151
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

