

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION (MAX QUEUE METHOD)	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	560	0.0	3000	560	0	0.36	0	70.0	62.3	49.7
1-2 AM	331	0.0	3000	331	0	0.36	0	70.2	62.5	49.7
2-3 AM	287	0.0	3000	287	0	0.36	0	70.2	62.5	49.7
3-4 AM	370	0.0	3000	370	0	0.36	0	70.2	62.5	49.7
4-5 AM	761	0.0	3000	761	0	0.35	0	69.8	62.2	49.7
5-6 AM	1970	0.0	OFF	1970	0	0.00	0	68.3	68.3	68.3
6-7 AM	3792	0.0	OFF	3792	0	0.00	0	65.0	65.0	65.0
7-8 AM	4616	0.0	OFF	4616	0	0.00	0	59.3	59.3	59.3
8-9 AM	4442	0.0	OFF	4442	0	0.00	0	60.5	60.5	60.5
9-10 AM	3425	0.0	OFF	3425	0	0.00	0	66.5	66.5	66.5
10-11 AM	3188	0.0	OFF	3188	0	0.00	0	66.8	66.8	66.8
11AM-NOON	3601	0.0	OFF	3601	0	0.00	0	66.3	66.3	66.3
NOON-1PM	3757	0.0	OFF	3757	0	0.00	0	65.2	65.2	65.2
1-2 PM	3903	0.0	OFF	3903	0	0.00	0	64.2	64.2	64.2
2-3 PM	4186	0.0	OFF	4186	0	0.00	0	62.3	62.3	62.3
3-4 PM	4504	0.0	OFF	4504	0	0.00	0	60.1	60.1	60.1
4-5 PM	4683	0.0	OFF	4683	0	0.00	0	58.9	58.9	58.9
5-6 PM	4609	0.0	OFF	4609	0	0.00	0	59.4	59.4	59.4
6-7 PM	4287	0.0	OFF	4287	0	0.00	0	61.5	61.5	61.5
7-8 PM	3079	0.0	2999	3079	0	2.41	94	66.9	37.3	37.3
8-9 PM	2522	0.0	3000	2522	0	0.55	8	67.6	57.3	46.1
9-10 PM	2191	0.0	3000	2191	0	0.33	0	68.0	61.2	49.7
10-11 PM	1920	0.0	3000	1920	0	0.34	0	68.4	61.4	49.7
11PM-MID	1233	0.0	3000	1233	0	0.35	0	69.2	61.9	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

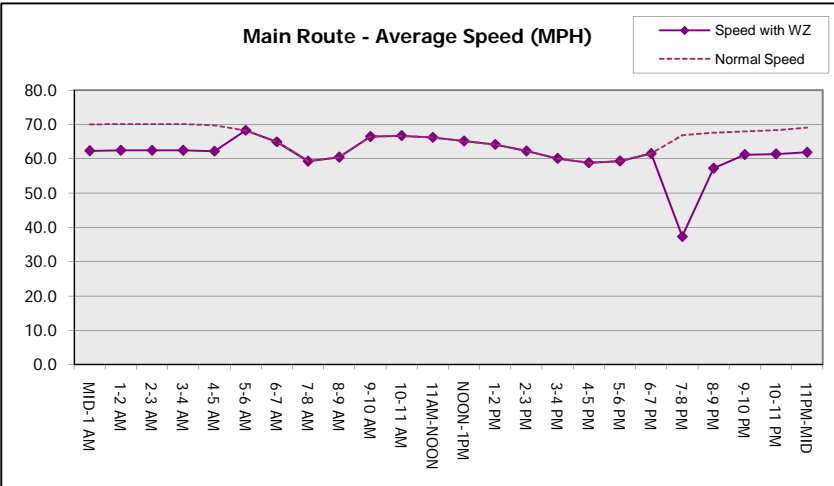
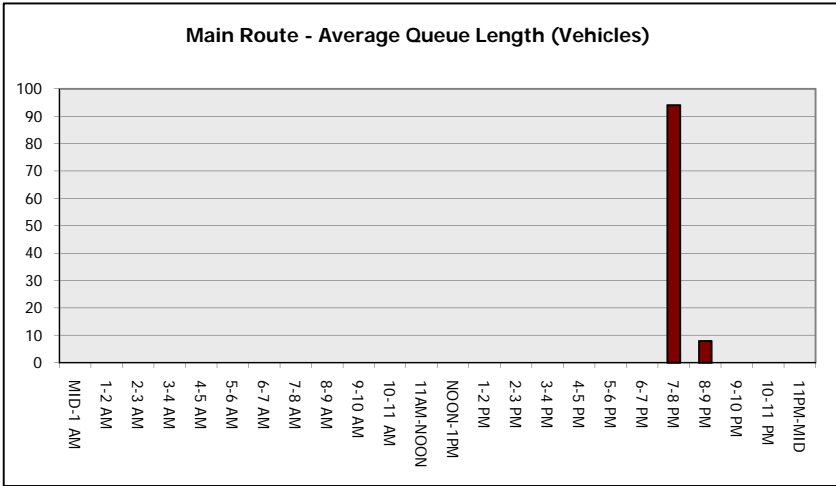
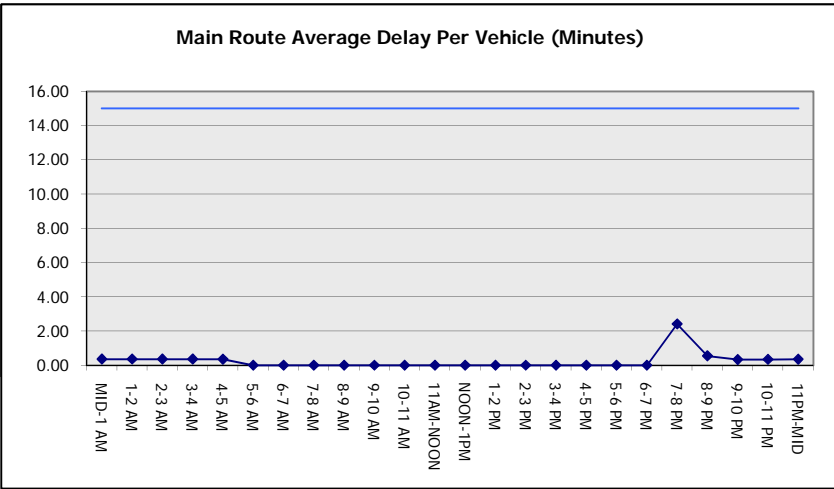
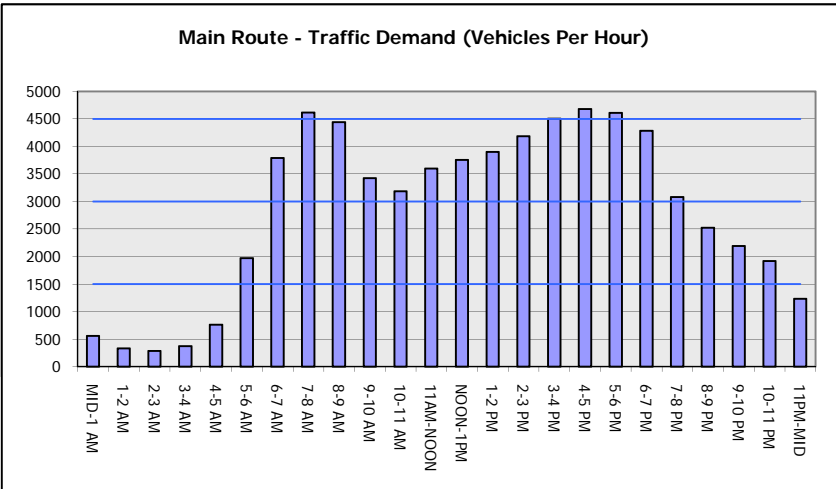
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0369
MAIN ROUTE WITH WORKS	0.0360
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,411
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION (MAX QUEUE METHOD)

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION (MAX QUEUE METHOD)	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	508	0.0	3000	508	0	0.36	0	70.1	62.4	49.7
1-2 AM	319	0.0	3000	319	0	0.36	0	70.2	62.5	49.7
2-3 AM	274	0.0	3000	274	0	0.36	0	70.2	62.5	49.7
3-4 AM	329	0.0	3000	329	0	0.36	0	70.2	62.5	49.7
4-5 AM	646	0.0	3000	646	0	0.36	0	69.9	62.3	49.7
5-6 AM	1966	0.0	OFF	1966	0	0.00	0	68.3	68.3	68.3
6-7 AM	4424	0.0	OFF	4424	0	0.00	0	60.6	60.6	60.6
7-8 AM	4966	0.0	OFF	4966	0	0.00	0	56.9	56.9	56.9
8-9 AM	4814	0.0	OFF	4814	0	0.00	0	57.9	57.9	57.9
9-10 AM	3922	0.0	OFF	3922	0	0.00	0	64.1	64.1	64.1
10-11 AM	3551	0.0	OFF	3551	0	0.00	0	66.3	66.3	66.3
11AM-NOON	3896	0.0	OFF	3896	0	0.00	0	64.2	64.2	64.2
NOON-1PM	3940	0.0	OFF	3940	0	0.00	0	64.0	64.0	64.0
1-2 PM	4033	0.0	OFF	4033	0	0.00	0	63.3	63.3	63.3
2-3 PM	4352	0.0	OFF	4352	0	0.00	0	61.1	61.1	61.1
3-4 PM	4553	0.0	OFF	4553	0	0.00	0	59.7	59.7	59.7
4-5 PM	4707	0.0	OFF	4707	0	0.00	0	58.7	58.7	58.7
5-6 PM	4429	0.0	OFF	4429	0	0.00	0	60.6	60.6	60.6
6-7 PM	3695	0.0	OFF	3695	0	0.00	0	65.6	65.6	65.6
7-8 PM	2783	0.0	3000	2783	0	0.59	0	67.3	56.3	40.9
8-9 PM	2596	0.0	3000	2596	0	0.46	0	67.5	58.5	44.6
9-10 PM	2242	0.0	3000	2242	0	0.33	0	67.9	61.2	49.7
10-11 PM	1582	0.0	3000	1582	0	0.34	0	68.7	61.7	49.7
11PM-MID	1086	0.0	3000	1086	0	0.35	0	69.4	62.0	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	0.0377
MAIN ROUTE WITH WORKS	0.0368
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,105
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION (MAX QUEUE METHOD)**

AUGUST
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

