

STH 16: CTH C TO STH 190 (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	223	0.0	1500	223	0	0.44	0	66.0	62.4	44.6
1-2 AM	111	0.0	1500	111	0	0.43	0	66.2	62.7	45.0
2-3 AM	81	0.0	1500	81	0	0.43	0	66.3	62.8	45.1
3-4 AM	44	0.0	1500	44	0	0.43	0	66.3	62.8	45.3
4-5 AM	81	0.0	1500	81	0	0.43	0	66.3	62.8	45.1
5-6 AM	288	0.0	OFF	288	0	0.00	0	65.8	65.8	65.8
6-7 AM	585	0.0	OFF	585	0	0.00	0	65.3	65.3	65.3
7-8 AM	967	0.0	OFF	967	0	0.00	0	64.6	64.6	64.6
8-9 AM	949	0.0	OFF	949	0	0.00	0	64.6	64.6	64.6
9-10 AM	862	0.0	OFF	862	0	0.00	0	64.8	64.8	64.8
10-11 AM	1046	0.0	OFF	1046	0	0.00	0	64.5	64.5	64.5
11AM-NOON	1186	0.0	OFF	1186	0	0.00	0	64.1	64.1	64.1
NOON-1PM	1356	0.0	OFF	1356	0	0.00	0	63.8	63.8	63.8
1-2 PM	1351	0.0	OFF	1351	0	0.00	0	63.8	63.8	63.8
2-3 PM	1566	0.0	OFF	1566	0	0.00	0	63.5	63.5	63.5
3-4 PM	2112	0.0	OFF	2112	0	0.00	0	62.5	62.5	62.5
4-5 PM	2579	0.0	OFF	2579	0	0.00	0	60.1	60.1	60.1
5-6 PM	2778	0.0	OFF	2778	0	0.00	0	58.1	58.1	58.1
6-7 PM	1669	0.0	OFF	1669	0	0.00	0	63.3	63.3	63.3
7-8 PM	1067	0.0	1500	1067	0	0.53	0	64.4	60.4	41.4
8-9 PM	845	0.0	1500	845	0	0.50	0	64.8	60.9	42.2
9-10 PM	854	0.0	1500	854	0	0.51	0	64.8	60.9	42.2
10-11 PM	666	0.0	1500	666	0	0.49	0	65.1	61.4	42.9
11PM-MID	584	0.0	1500	584	0	0.48	0	65.3	61.5	43.2

"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

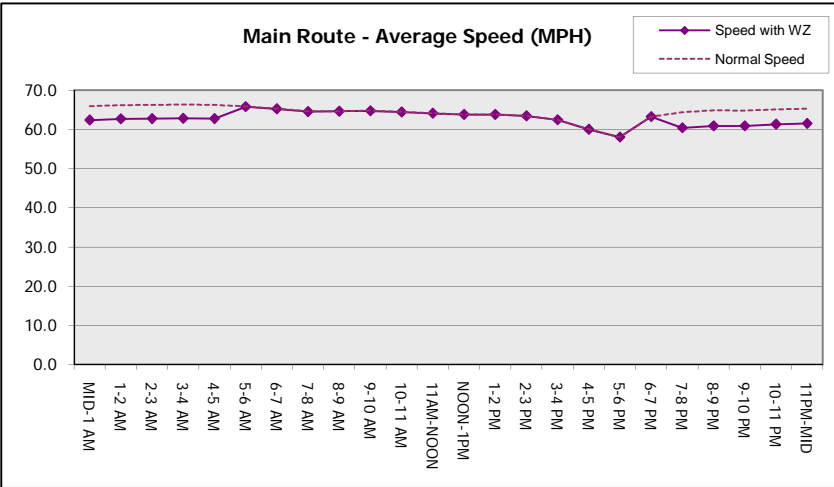
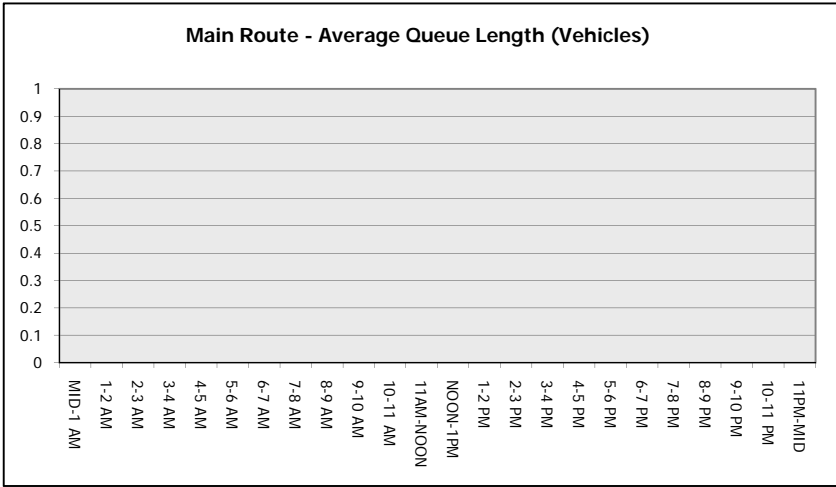
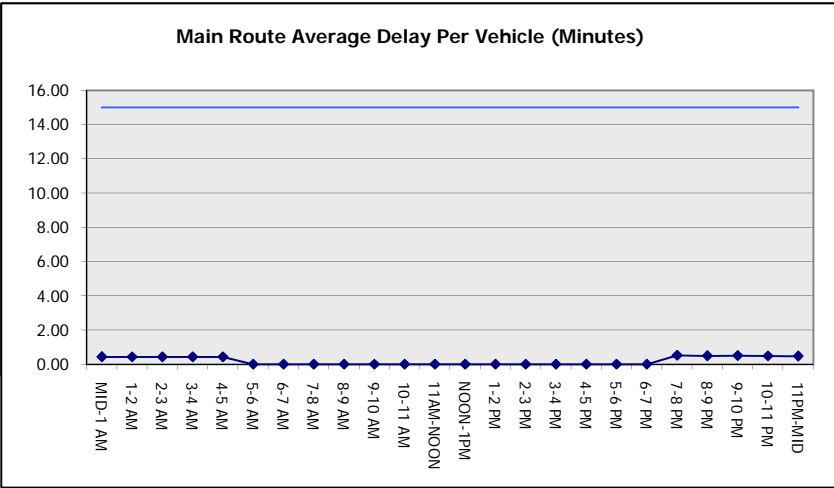
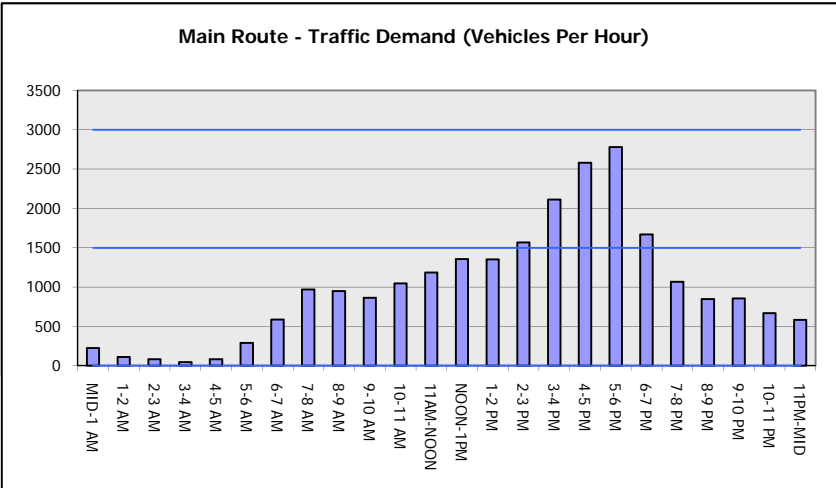
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0326
MAIN ROUTE WITH WORKS	0.0323
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$490
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

AUGUST
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



STH 16: CTH C TO STH 190 (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	99	0.0	1500	99	0	0.43	0	66.2	62.7	45.1
1-2 AM	70	0.0	1500	70	0	0.43	0	66.3	62.8	45.2
2-3 AM	59	0.0	1500	59	0	0.43	0	66.3	62.8	45.3
3-4 AM	101	0.0	1500	101	0	0.43	0	66.2	62.7	45.1
4-5 AM	259	0.0	1500	259	0	0.45	0	65.9	62.3	44.5
5-6 AM	842	0.0	OFF	842	0	0.00	0	64.8	64.8	64.8
6-7 AM	1995	0.0	OFF	1995	0	0.00	0	62.7	62.7	62.7
7-8 AM	2844	0.0	OFF	2844	0	0.00	0	57.4	57.4	57.4
8-9 AM	2053	0.0	OFF	2053	0	0.00	0	62.5	62.5	62.5
9-10 AM	1405	0.0	OFF	1405	0	0.00	0	63.8	63.8	63.8
10-11 AM	1388	0.0	OFF	1388	0	0.00	0	63.8	63.8	63.8
11AM-NOON	1281	0.0	OFF	1281	0	0.00	0	64.0	64.0	64.0
NOON-1PM	1307	0.0	OFF	1307	0	0.00	0	64.0	64.0	64.0
1-2 PM	1249	0.0	OFF	1249	0	0.00	0	64.1	64.1	64.1
2-3 PM	1288	0.0	OFF	1288	0	0.00	0	64.0	64.0	64.0
3-4 PM	1302	0.0	OFF	1302	0	0.00	0	64.0	64.0	64.0
4-5 PM	1421	0.0	OFF	1421	0	0.00	0	63.7	63.7	63.7
5-6 PM	1427	0.0	OFF	1427	0	0.00	0	63.7	63.7	63.7
6-7 PM	1046	0.0	OFF	1046	0	0.00	0	64.5	64.5	64.5
7-8 PM	739	0.0	1500	739	0	0.49	0	65.0	61.2	42.6
8-9 PM	719	0.0	1500	719	0	0.49	0	65.0	61.2	42.7
9-10 PM	565	0.0	1500	565	0	0.48	0	65.3	61.6	43.3
10-11 PM	467	0.0	1500	467	0	0.47	0	65.5	61.9	43.7
11PM-MID	315	0.0	1500	315	0	0.45	0	65.8	62.2	44.2

"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	0.0332
MAIN ROUTE WITH WORKS	0.0330
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$347
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

