

STH 16: CTH C TO STH 190 (WAUKESHA COUNTY) OFF-PEAK DAY 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	OFF	223	0	0.00	0	66.0	66.0	66.0
1-2 AM	111	0.0	OFF	111	0	0.00	0	66.2	66.2	66.2
2-3 AM	81	0.0	OFF	81	0	0.00	0	66.3	66.3	66.3
3-4 AM	44	0.0	OFF	44	0	0.00	0	66.3	66.3	66.3
4-5 AM	81	0.0	OFF	81	0	0.00	0	66.3	66.3	66.3
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	1500	1046	0	0.52	0	64.5	60.5	41.5
11AM-NOON	1186	0.0	1500	1186	0	0.62	0	64.1	59.6	38.9
NOON-1PM	1356	0.0	1500	1356	0	0.84	0	63.8	57.9	34.0
1-2 PM	1351	0.0	1499	1351	0	0.83	0	63.8	57.9	34.2
2-3 PM	1566	0.0	1499	1566	0	1.68	20	63.5	52.6	31.1
3-4 PM	2112	0.0	OFF	2112	0	0.05	1	62.5	62.1	62.1
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	OFF	1067	0	0.00	0	64.4	64.4	64.4
8-9 PM	845	0.0	OFF	845	0	0.00	0	64.8	64.8	64.8
9-10 PM	854	0.0	OFF	854	0	0.00	0	64.8	64.8	64.8
10-11 PM	666	0.0	OFF	666	0	0.00	0	65.1	65.1	65.1
11PM-MID	584	0.0	OFF	584	0	0.00	0	65.3	65.3	65.3

"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

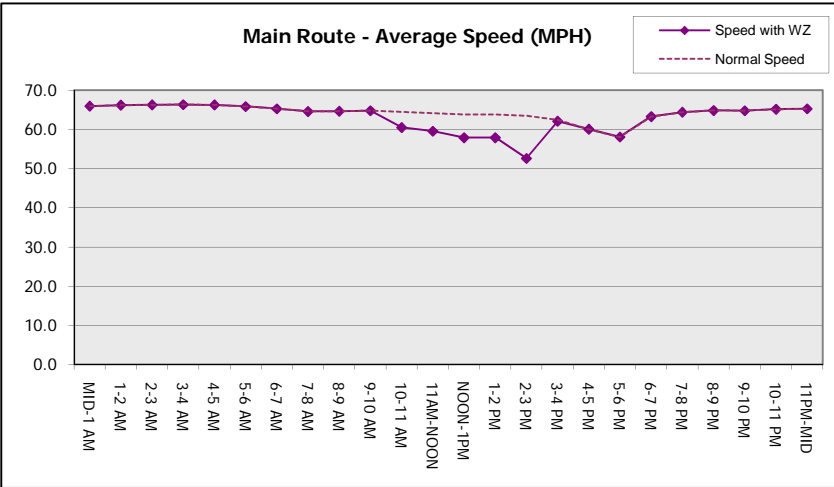
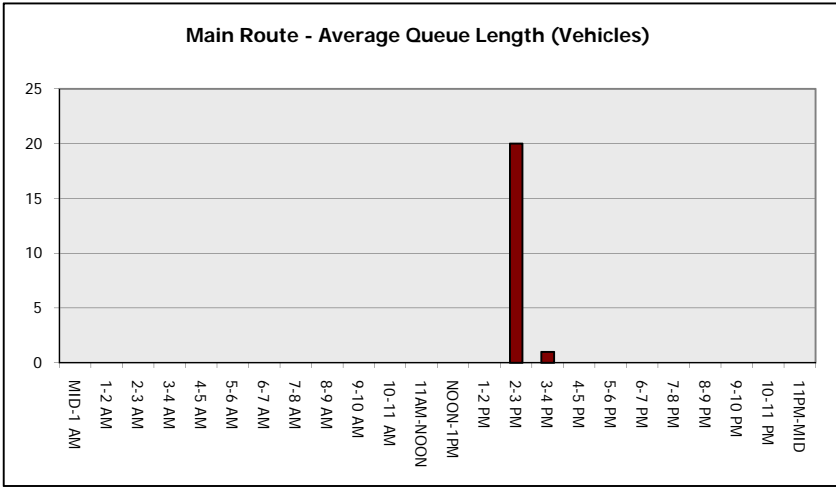
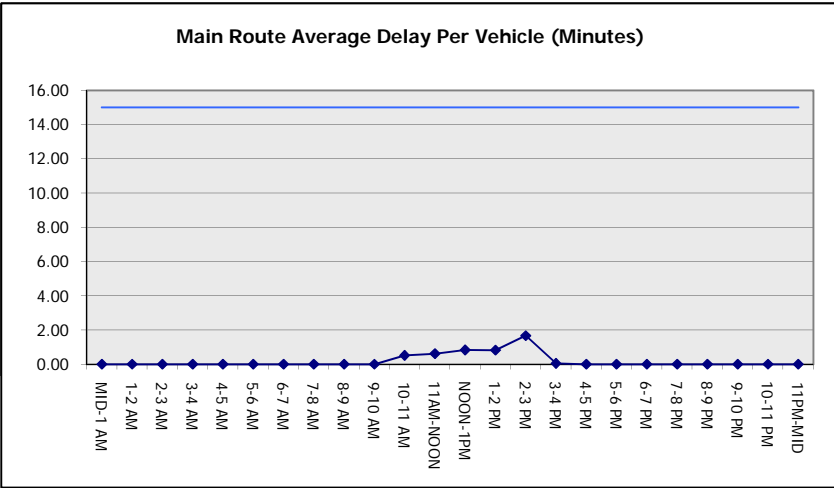
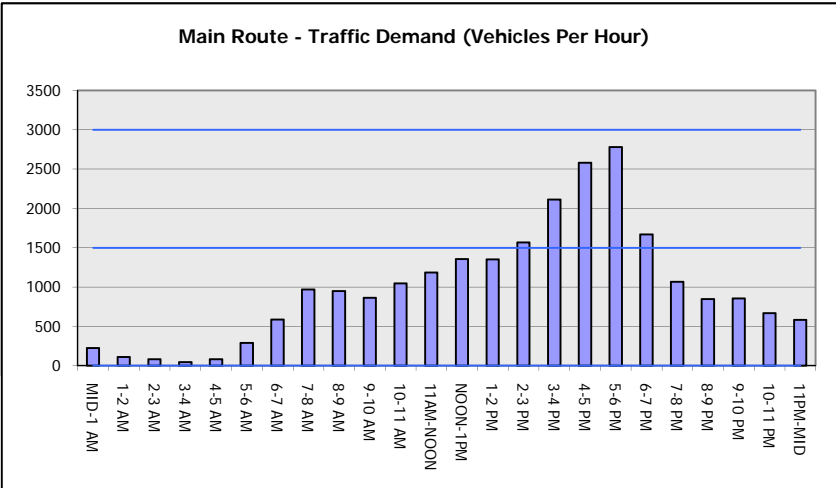
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0326
MAIN ROUTE WITH WORKS	0.0322
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,261
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



STH 16: CTH C TO STH 190 (WAUKESHA COUNTY) OFF-PEAK DAY 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	OFF	99	0	0.00	0	66.2	66.2	66.2
1-2 AM	70	0.0	OFF	70	0	0.00	0	66.3	66.3	66.3
2-3 AM	59	0.0	OFF	59	0	0.00	0	66.3	66.3	66.3
3-4 AM	101	0.0	OFF	101	0	0.00	0	66.2	66.2	66.2
4-5 AM	259	0.0	OFF	259	0	0.00	0	65.9	65.9	65.9
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	1500	1388	0	0.88	0	63.8	57.5	33.2
11AM-NOON	1281	0.0	1500	1281	0	0.74	0	64.0	58.6	36.0
NOON-1PM	1307	0.0	1500	1307	0	0.77	0	64.0	58.4	35.3
1-2 PM	1249	0.0	1500	1249	0	0.70	0	64.1	58.9	36.9
2-3 PM	1288	0.0	1500	1288	0	0.75	0	64.0	58.6	35.8
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	OFF	739	0	0.00	0	65.0	65.0	65.0
8-9 PM	719	0.0	OFF	719	0	0.00	0	65.0	65.0	65.0
9-10 PM	565	0.0	OFF	565	0	0.00	0	65.3	65.3	65.3
10-11 PM	467	0.0	OFF	467	0	0.00	0	65.5	65.5	65.5
11PM-MID	315	0.0	OFF	315	0	0.00	0	65.8	65.8	65.8

"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	0.0327
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,007
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

