

STH 16: CTH C TO STH 190 (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	245	0.0	1500	245	0	0.45	0	66.0	62.3	44.5
1-2 AM	150	0.0	1500	150	0	0.44	0	66.1	62.6	44.9
2-3 AM	116	0.0	1500	116	0	0.43	0	66.2	62.7	45.0
3-4 AM	52	0.0	1500	52	0	0.43	0	66.3	62.8	45.3
4-5 AM	51	0.0	1500	51	0	0.43	0	66.3	62.8	45.3
5-6 AM	87	0.0	1500	87	0	0.43	0	66.2	62.7	45.1
6-7 AM	107	0.0	1500	107	0	0.43	0	66.2	62.7	45.1
7-8 AM	267	0.0	1500	267	0	0.45	0	65.9	62.3	44.4
8-9 AM	375	0.0	1500	375	0	0.46	0	65.7	62.0	44.0
9-10 AM	633	0.0	1500	633	0	0.48	0	65.2	61.4	43.0
10-11 AM	771	0.0	1500	771	0	0.50	0	65.0	61.1	42.5
11AM-NOON	934	0.0	1500	934	0	0.51	0	64.6	60.7	41.9
NOON-1PM	1218	0.0	1500	1218	0	0.66	0	64.1	59.2	37.9
1-2 PM	1111	0.0	1500	1111	0	0.53	0	64.3	60.3	41.3
2-3 PM	1159	0.0	1500	1159	0	0.58	0	64.2	59.9	39.8
3-4 PM	1064	0.0	1500	1064	0	0.53	0	64.4	60.4	41.5
4-5 PM	1077	0.0	1500	1077	0	0.53	0	64.4	60.4	41.4
5-6 PM	958	0.0	1500	958	0	0.52	0	64.6	60.7	41.8
6-7 PM	815	0.0	1500	815	0	0.50	0	64.9	61.0	42.4
7-8 PM	628	0.0	1500	628	0	0.48	0	65.2	61.5	43.0
8-9 PM	539	0.0	1500	539	0	0.47	0	65.4	61.7	43.3
9-10 PM	383	0.0	1500	383	0	0.46	0	65.7	62.0	44.0
10-11 PM	254	0.0	1500	254	0	0.45	0	65.9	62.3	44.5
11PM-MID	131	0.0	1500	131	0	0.44	0	66.1	62.7	45.0

----- 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

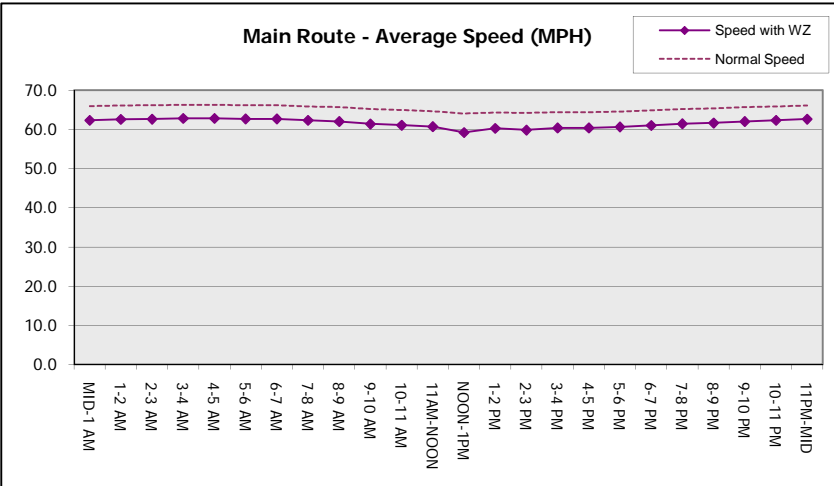
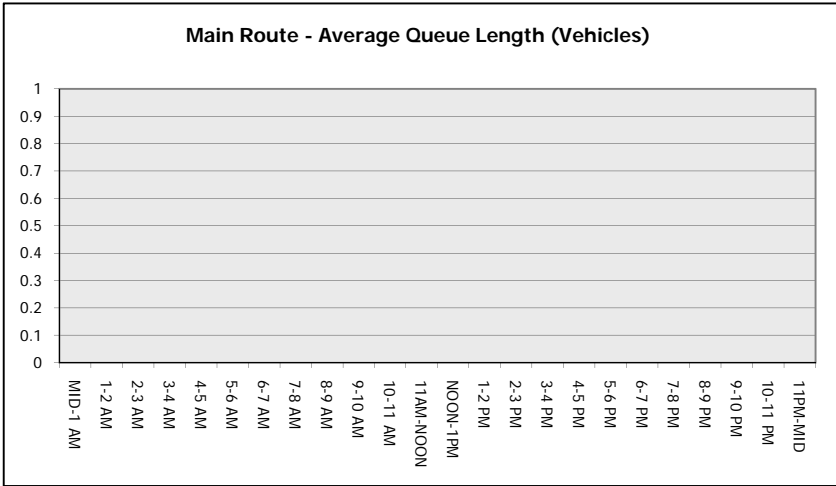
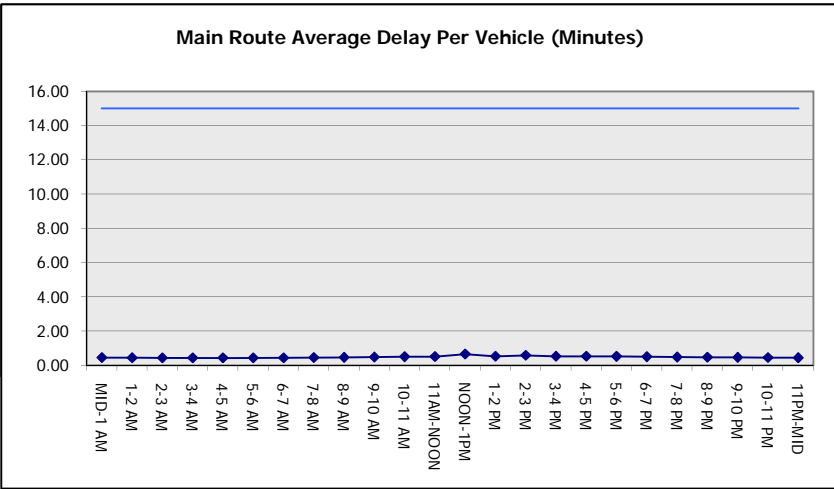
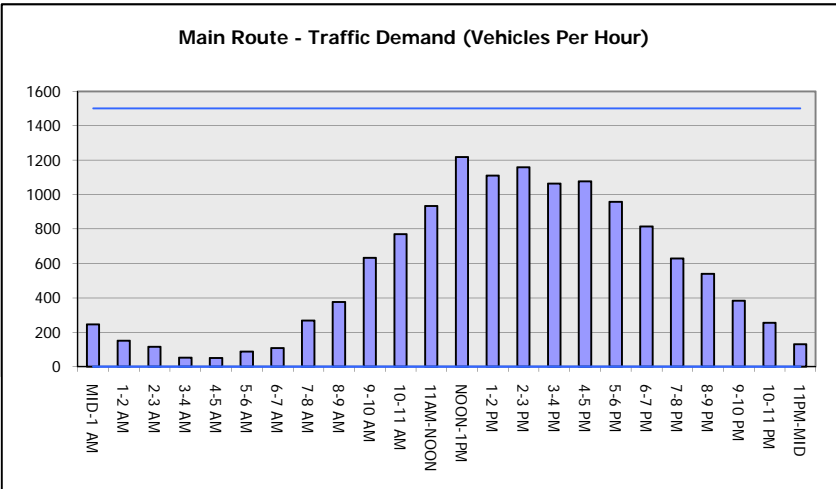
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0180
MAIN ROUTE WITH WORKS	0.0171
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,760
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



STH 16: CTH C TO STH 190 (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	208	0.0	1500	208	0	0.44	0	66.0	62.5	44.6
1-2 AM	142	0.0	1500	142	0	0.44	0	66.1	62.6	44.9
2-3 AM	91	0.0	1500	91	0	0.43	0	66.2	62.7	45.1
3-4 AM	45	0.0	1500	45	0	0.43	0	66.3	62.8	45.3
4-5 AM	46	0.0	1500	46	0	0.43	0	66.3	62.8	45.3
5-6 AM	121	0.0	1500	121	0	0.43	0	66.1	62.7	45.0
6-7 AM	217	0.0	1500	217	0	0.44	0	66.0	62.4	44.6
7-8 AM	360	0.0	1500	360	0	0.46	0	65.7	62.1	44.0
8-9 AM	575	0.0	1500	575	0	0.48	0	65.3	61.6	43.2
9-10 AM	926	0.0	1500	926	0	0.51	0	64.6	60.7	41.9
10-11 AM	1107	0.0	1500	1107	0	0.53	0	64.3	60.4	41.3
11AM-NOON	1103	0.0	1500	1103	0	0.53	0	64.3	60.4	41.3
NOON-1PM	1196	0.0	1500	1196	0	0.63	0	64.1	59.5	38.6
1-2 PM	1205	0.0	1500	1205	0	0.64	0	64.1	59.4	38.3
2-3 PM	1125	0.0	1500	1125	0	0.54	0	64.3	60.2	41.0
3-4 PM	1126	0.0	1500	1126	0	0.54	0	64.3	60.2	41.0
4-5 PM	1195	0.0	1500	1195	0	0.63	0	64.1	59.5	38.6
5-6 PM	950	0.0	1500	950	0	0.51	0	64.6	60.7	41.9
6-7 PM	815	0.0	1500	815	0	0.50	0	64.9	61.0	42.4
7-8 PM	651	0.0	1500	651	0	0.49	0	65.1	61.4	42.9
8-9 PM	564	0.0	1500	564	0	0.48	0	65.3	61.6	43.3
9-10 PM	361	0.0	1500	361	0	0.46	0	65.7	62.1	44.0
10-11 PM	245	0.0	1500	245	0	0.45	0	66.0	62.3	44.5
11PM-MID	104	0.0	1500	104	0	0.43	0	66.2	62.7	45.1

----- 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	0.0198
MAIN ROUTE WITH WORKS	0.0189
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,002
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

