

<b>STH 16: CTH C TO STH 190 (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY 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	282	0.0	1500	282	0	0.45	0	65.9	62.3	44.3
1-2 AM	133	0.0	1500	133	0	0.44	0	66.1	62.7	45.0
2-3 AM	109	0.0	1500	109	0	0.43	0	66.2	62.7	45.0
3-4 AM	72	0.0	1500	72	0	0.43	0	66.3	62.8	45.2
4-5 AM	64	0.0	1500	64	0	0.43	0	66.3	62.8	45.2
5-6 AM	134	0.0	1500	134	0	0.44	0	66.1	62.7	45.0
6-7 AM	246	0.0	1500	246	0	0.45	0	66.0	62.3	44.5
7-8 AM	392	0.0	1500	392	0	0.46	0	65.6	62.0	43.9
8-9 AM	598	0.0	1500	598	0	0.48	0	65.3	61.5	43.2
9-10 AM	705	0.0	1500	705	0	0.49	0	65.1	61.3	42.7
10-11 AM	962	0.0	1500	962	0	0.52	0	64.6	60.7	41.8
11AM-NOON	1076	0.0	1500	1076	0	0.53	0	64.4	60.4	41.4
NOON-1PM	1214	0.0	1500	1214	0	0.65	0	64.1	59.3	38.0
1-2 PM	1273	0.0	1500	1273	0	0.73	0	64.0	58.7	36.3
2-3 PM	1231	0.0	1500	1231	0	0.68	0	64.1	59.1	37.4
3-4 PM	1247	0.0	1500	1247	0	0.70	0	64.1	58.9	37.0
4-5 PM	1243	0.0	1500	1243	0	0.69	0	64.1	59.0	37.1
5-6 PM	1276	0.0	1500	1276	0	0.74	0	64.0	58.6	36.1
6-7 PM	967	0.0	1500	967	0	0.52	0	64.6	60.7	41.8
7-8 PM	782	0.0	1500	782	0	0.50	0	65.0	61.1	42.5
8-9 PM	716	0.0	1500	716	0	0.49	0	65.1	61.2	42.7
9-10 PM	707	0.0	1500	707	0	0.49	0	65.1	61.3	42.7
10-11 PM	656	0.0	1500	656	0	0.49	0	65.1	61.4	42.9
11PM-MID	454	0.0	1500	454	0	0.47	0	65.5	61.9	43.7

**\*----- 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	0.0226
MAIN ROUTE WITH WORKS	0.0215
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

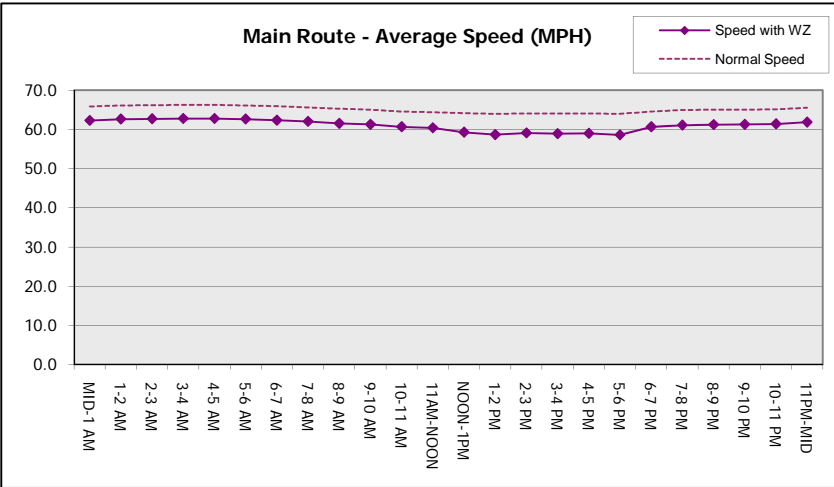
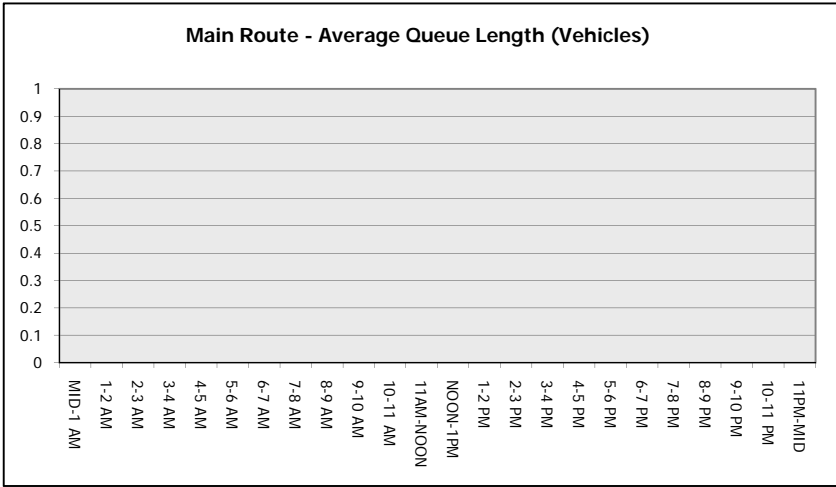
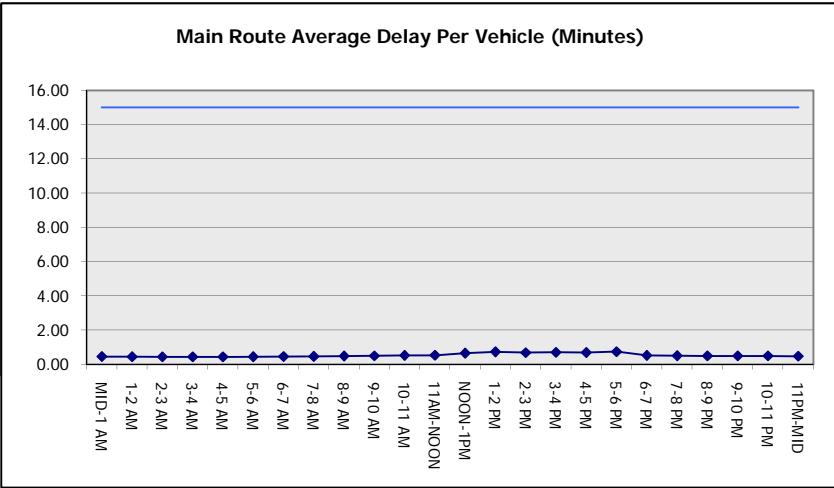
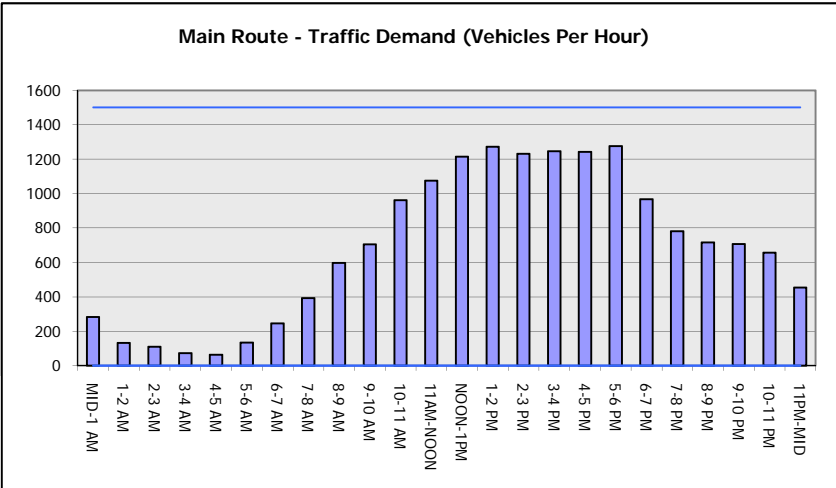
ROAD USER COSTS PER DAY	\$2,472
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
Analyzed for 2009  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>STH 16: CTH C TO STH 190 (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY 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	154	0.0	1500	154	0	0.44	0	66.1	62.6	44.9
1-2 AM	116	0.0	1500	116	0	0.43	0	66.2	62.7	45.0
2-3 AM	91	0.0	1500	91	0	0.43	0	66.2	62.7	45.1
3-4 AM	78	0.0	1500	78	0	0.43	0	66.3	62.8	45.1
4-5 AM	111	0.0	1500	111	0	0.43	0	66.2	62.7	45.0
5-6 AM	267	0.0	1500	267	0	0.45	0	65.9	62.3	44.4
6-7 AM	468	0.0	1500	468	0	0.47	0	65.5	61.9	43.7
7-8 AM	631	0.0	1500	631	0	0.48	0	65.2	61.5	43.0
8-9 AM	971	0.0	1500	971	0	0.52	0	64.6	60.7	41.8
9-10 AM	1083	0.0	1500	1083	0	0.53	0	64.4	60.4	41.4
10-11 AM	1143	0.0	1500	1143	0	0.56	0	64.3	60.1	40.4
11AM-NOON	1147	0.0	1500	1147	0	0.57	0	64.3	60.0	40.2
NOON-1PM	1159	0.0	1500	1159	0	0.58	0	64.2	59.9	39.8
1-2 PM	1052	0.0	1500	1052	0	0.52	0	64.4	60.5	41.5
2-3 PM	1089	0.0	1500	1089	0	0.53	0	64.3	60.4	41.4
3-4 PM	1007	0.0	1500	1007	0	0.52	0	64.5	60.5	41.7
4-5 PM	1131	0.0	1500	1131	0	0.55	0	64.3	60.2	40.8
5-6 PM	1031	0.0	1500	1031	0	0.52	0	64.5	60.5	41.5
6-7 PM	861	0.0	1500	861	0	0.51	0	64.8	60.9	42.2
7-8 PM	750	0.0	1500	750	0	0.50	0	65.0	61.2	42.6
8-9 PM	847	0.0	1500	847	0	0.50	0	64.8	60.9	42.2
9-10 PM	672	0.0	1500	672	0	0.49	0	65.1	61.4	42.8
10-11 PM	579	0.0	1500	579	0	0.48	0	65.3	61.6	43.2
11PM-MID	377	0.0	1500	377	0	0.46	0	65.7	62.0	44.0

*----- 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	0.0230
MAIN ROUTE WITH WORKS	0.0219
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,230
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

