

<b>STH 29: CTH H TO STH 73 (CHIPPEWA AND CLARK COUNTIES)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY SOUTHBOUND 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	46	0.0	1500	46	0	0.50	0	63.8	59.1	41.9
1-2 AM	36	0.0	1500	36	0	0.50	0	63.8	59.1	41.9
2-3 AM	26	0.0	1500	26	0	0.50	0	63.8	59.1	41.9
3-4 AM	34	0.0	1500	34	0	0.50	0	63.8	59.1	41.9
4-5 AM	46	0.0	1500	46	0	0.50	0	63.8	59.1	41.9
5-6 AM	72	0.0	1500	72	0	0.51	0	63.8	59.1	41.7
6-7 AM	128	0.0	1500	128	0	0.51	0	63.7	58.9	41.5
7-8 AM	235	0.0	1500	235	0	0.52	0	63.5	58.6	41.2
8-9 AM	330	0.0	1500	330	0	0.53	0	63.3	58.4	40.9
9-10 AM	437	0.0	1500	437	0	0.54	0	63.1	58.1	40.5
10-11 AM	472	0.0	1500	472	0	0.54	0	63.0	58.1	40.4
11AM-NOON	470	0.0	1500	470	0	0.54	0	63.0	58.1	40.4
NOON-1PM	436	0.0	1500	436	0	0.54	0	63.1	58.1	40.5
1-2 PM	377	0.0	1500	377	0	0.53	0	63.2	58.3	40.7
2-3 PM	331	0.0	1500	331	0	0.53	0	63.3	58.4	40.9
3-4 PM	320	0.0	1500	320	0	0.53	0	63.3	58.4	40.9
4-5 PM	320	0.0	1500	320	0	0.53	0	63.3	58.4	40.9
5-6 PM	269	0.0	1500	269	0	0.52	0	63.4	58.6	41.0
6-7 PM	246	0.0	1500	246	0	0.52	0	63.5	58.6	41.1
7-8 PM	196	0.0	1500	196	0	0.52	0	63.5	58.7	41.3
8-9 PM	157	0.0	1500	157	0	0.51	0	63.6	58.8	41.4
9-10 PM	130	0.0	1500	130	0	0.51	0	63.7	58.9	41.5
10-11 PM	99	0.0	1500	99	0	0.51	0	63.7	58.9	41.7
11PM-MID	58	0.0	1500	58	0	0.50	0	63.8	59.1	41.8

*----- 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

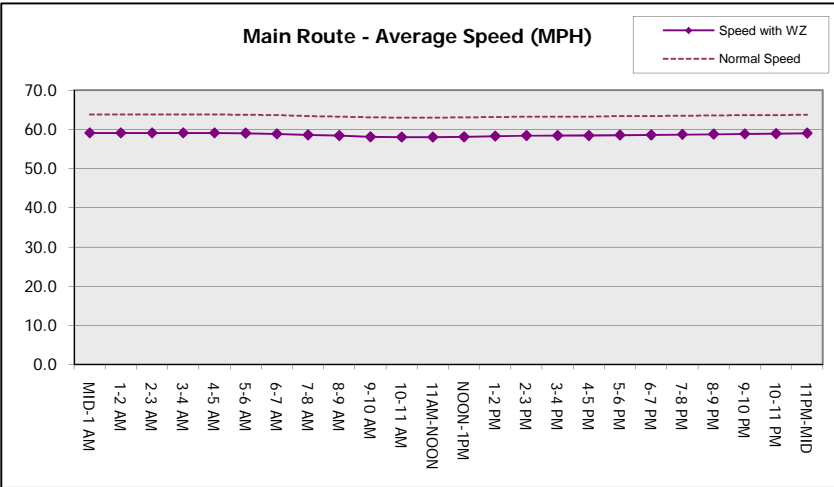
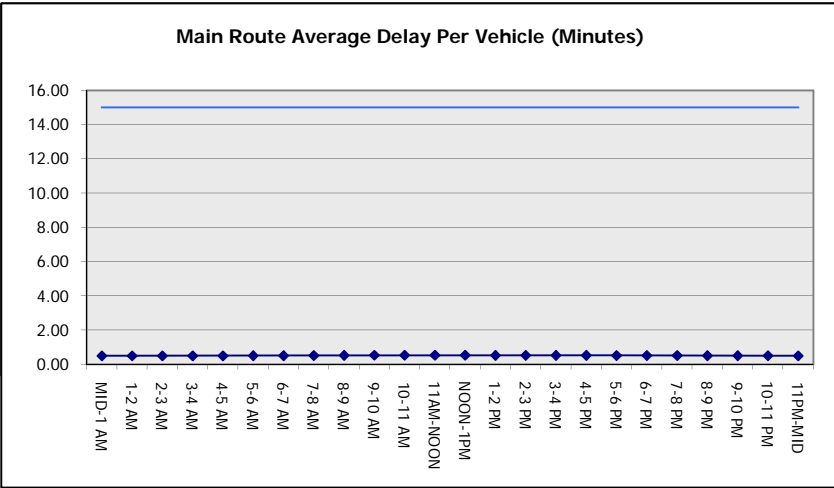
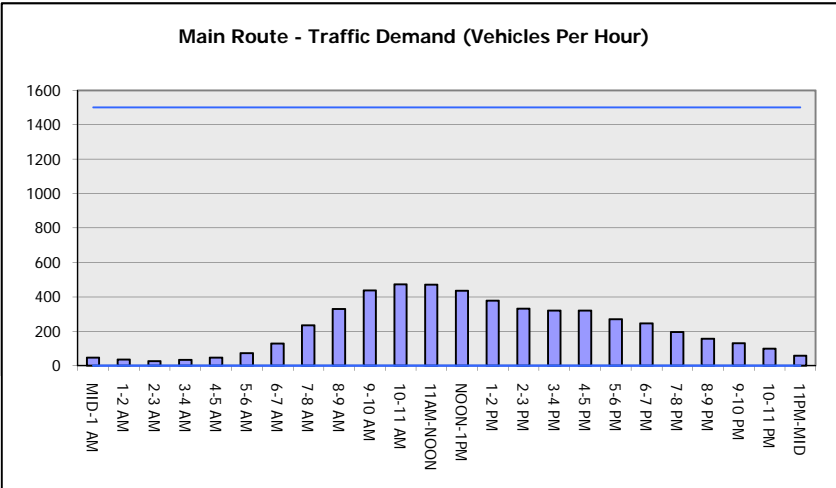
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0058
MAIN ROUTE WITH WORKS	0.0064
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$711
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
 Analyzed for 2009  
 Construction Season

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



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**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY NORTHBOUND 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	73	0.0	1500	73	0	0.51	0	63.8	59.1	41.7
1-2 AM	40	0.0	1500	40	0	0.50	0	63.8	59.1	41.9
2-3 AM	29	0.0	1500	29	0	0.50	0	63.8	59.1	41.9
3-4 AM	25	0.0	1500	25	0	0.50	0	63.8	59.1	41.9
4-5 AM	38	0.0	1500	38	0	0.50	0	63.8	59.1	41.9
5-6 AM	66	0.0	1500	66	0	0.50	0	63.8	59.1	41.8
6-7 AM	107	0.0	1500	107	0	0.51	0	63.7	58.9	41.6
7-8 AM	179	0.0	1500	179	0	0.52	0	63.6	58.7	41.4
8-9 AM	293	0.0	1500	293	0	0.53	0	63.3	58.5	41.0
9-10 AM	401	0.0	1500	401	0	0.54	0	63.2	58.2	40.6
10-11 AM	430	0.0	1500	430	0	0.54	0	63.1	58.2	40.6
11AM-NOON	434	0.0	1500	434	0	0.54	0	63.1	58.2	40.5
NOON-1PM	396	0.0	1500	396	0	0.54	0	63.2	58.2	40.6
1-2 PM	388	0.0	1500	388	0	0.54	0	63.2	58.2	40.7
2-3 PM	365	0.0	1500	365	0	0.53	0	63.2	58.3	40.7
3-4 PM	369	0.0	1500	369	0	0.53	0	63.2	58.3	40.7
4-5 PM	360	0.0	1500	360	0	0.53	0	63.2	58.3	40.7
5-6 PM	326	0.0	1500	326	0	0.53	0	63.3	58.4	40.9
6-7 PM	290	0.0	1500	290	0	0.53	0	63.3	58.5	41.0
7-8 PM	252	0.0	1500	252	0	0.52	0	63.4	58.6	41.1
8-9 PM	211	0.0	1500	211	0	0.52	0	63.5	58.7	41.2
9-10 PM	168	0.0	1500	168	0	0.51	0	63.6	58.8	41.4
10-11 PM	129	0.0	1500	129	0	0.51	0	63.7	58.9	41.5
11PM-MID	79	0.0	1500	79	0	0.51	0	63.8	59.0	41.7

*----- 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	0.0060
MAIN ROUTE WITH WORKS	0.0066
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$736
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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