

<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**

MON-THUR                  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	34	0.0	1500	34	0	0.50	0	63.8	59.1	41.9
1-2 AM	32	0.0	1500	32	0	0.50	0	63.8	59.1	41.9
2-3 AM	38	0.0	1500	38	0	0.50	0	63.8	59.1	41.9
3-4 AM	51	0.0	1500	51	0	0.50	0	63.8	59.1	41.8
4-5 AM	73	0.0	1500	73	0	0.51	0	63.8	59.1	41.7
5-6 AM	155	0.0	1500	155	0	0.51	0	63.6	58.8	41.5
6-7 AM	244	0.0	1500	244	0	0.52	0	63.5	58.6	41.2
7-8 AM	304	0.0	1500	304	0	0.53	0	63.3	58.5	40.9
8-9 AM	321	0.0	1500	321	0	0.53	0	63.3	58.4	40.9
9-10 AM	327	0.0	1500	327	0	0.53	0	63.3	58.4	40.9
10-11 AM	344	0.0	1500	344	0	0.53	0	63.3	58.4	40.8
11AM-NOON	346	0.0	1500	346	0	0.53	0	63.3	58.4	40.8
NOON-1PM	354	0.0	1500	354	0	0.53	0	63.2	58.4	40.8
1-2 PM	381	0.0	1500	381	0	0.53	0	63.2	58.3	40.7
2-3 PM	399	0.0	1500	399	0	0.54	0	63.2	58.2	40.6
3-4 PM	444	0.0	1500	444	0	0.54	0	63.1	58.1	40.5
4-5 PM	451	0.0	1500	451	0	0.54	0	63.0	58.1	40.4
5-6 PM	379	0.0	1500	379	0	0.53	0	63.2	58.3	40.7
6-7 PM	273	0.0	1500	273	0	0.52	0	63.4	58.6	41.0
7-8 PM	206	0.0	1500	206	0	0.52	0	63.5	58.7	41.3
8-9 PM	166	0.0	1500	166	0	0.51	0	63.6	58.8	41.4
9-10 PM	132	0.0	1500	132	0	0.51	0	63.7	58.9	41.5
10-11 PM	86	0.0	1500	86	0	0.51	0	63.7	59.0	41.7
11PM-MID	50	0.0	1500	50	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	0.0062
MAIN ROUTE WITH WORKS	0.0068
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$599
CONGESTED HOURS PER DAY*	0

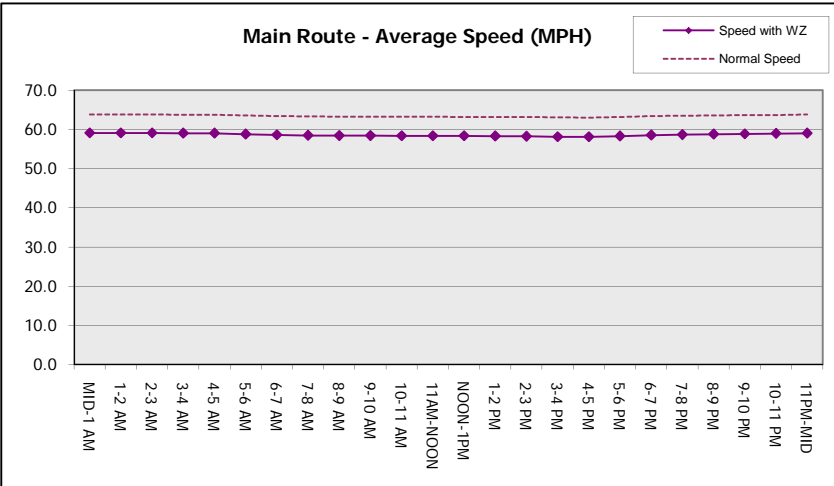
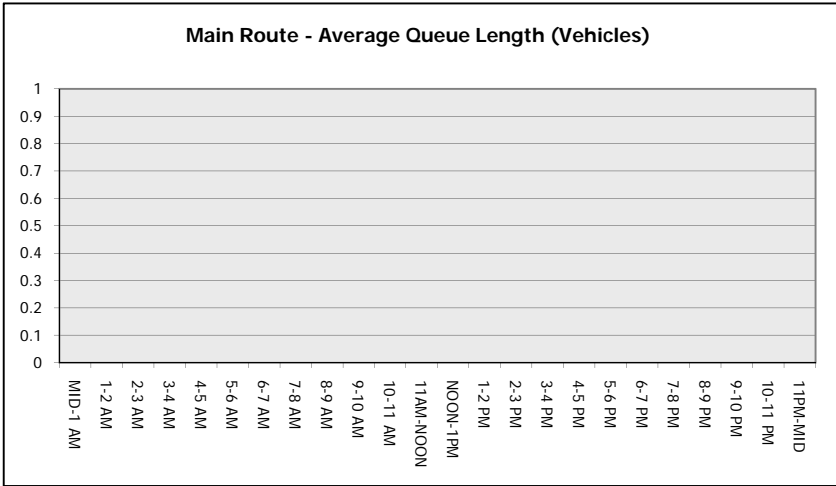
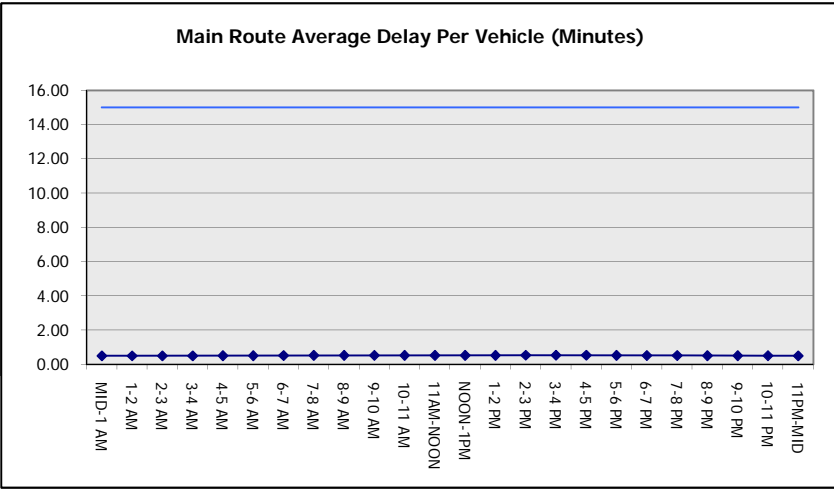
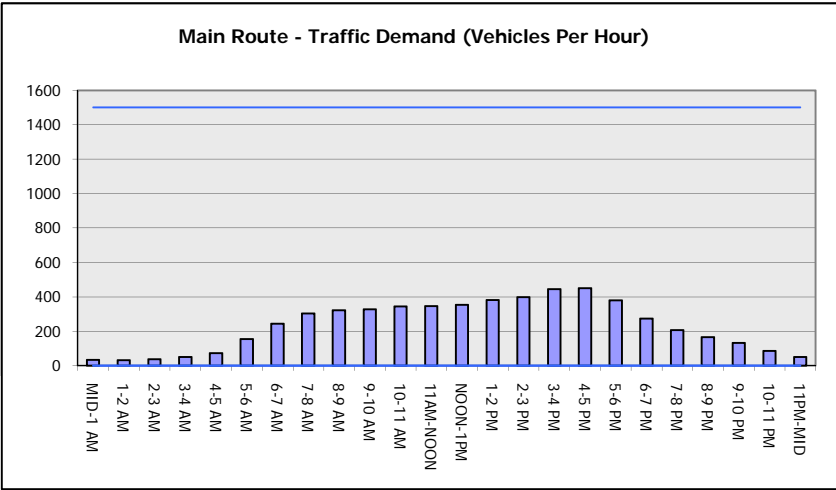
\*Delays Exceeding User-Specified Maximum

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**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**MON-THUR SOUTHBOUND DIRECTION**



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**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	44	0.0	1500	44	0	0.50	0	63.8	59.1	41.9
1-2 AM	34	0.0	1500	34	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	45	0.0	1500	45	0	0.50	0	63.8	59.1	41.9
4-5 AM	61	0.0	1500	61	0	0.50	0	63.8	59.1	41.8
5-6 AM	127	0.0	1500	127	0	0.51	0	63.7	58.9	41.5
6-7 AM	208	0.0	1500	208	0	0.52	0	63.5	58.7	41.3
7-8 AM	311	0.0	1500	311	0	0.53	0	63.3	58.4	40.9
8-9 AM	307	0.0	1500	307	0	0.53	0	63.3	58.4	40.9
9-10 AM	310	0.0	1500	310	0	0.53	0	63.3	58.4	40.9
10-11 AM	332	0.0	1500	332	0	0.53	0	63.3	58.4	40.9
11AM-NOON	351	0.0	1500	351	0	0.53	0	63.2	58.4	40.8
NOON-1PM	357	0.0	1500	357	0	0.53	0	63.2	58.4	40.7
1-2 PM	376	0.0	1500	376	0	0.53	0	63.2	58.3	40.7
2-3 PM	409	0.0	1500	409	0	0.54	0	63.2	58.2	40.6
3-4 PM	432	0.0	1500	432	0	0.54	0	63.1	58.2	40.5
4-5 PM	439	0.0	1500	439	0	0.54	0	63.1	58.1	40.5
5-6 PM	382	0.0	1500	382	0	0.54	0	63.2	58.3	40.7
6-7 PM	298	0.0	1500	298	0	0.53	0	63.3	58.5	41.0
7-8 PM	251	0.0	1500	251	0	0.52	0	63.4	58.6	41.1
8-9 PM	202	0.0	1500	202	0	0.52	0	63.5	58.7	41.3
9-10 PM	164	0.0	1500	164	0	0.51	0	63.6	58.8	41.4
10-11 PM	107	0.0	1500	107	0	0.51	0	63.7	58.9	41.6
11PM-MID	76	0.0	1500	76	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	0.0062
MAIN ROUTE WITH WORKS	0.0069
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$607
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

