

STH 29: 40TH ST TO CTH T (CHIPPEWA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	37	0.0	1500	37	0	0.50	0	63.8	50.9	41.9
1-2 AM	25	0.0	1500	25	0	0.50	0	63.8	50.9	41.9
2-3 AM	37	0.0	1500	37	0	0.50	0	63.8	50.9	41.9
3-4 AM	60	0.0	1500	60	0	0.50	0	63.8	50.8	41.8
4-5 AM	121	0.0	1500	121	0	0.51	0	63.7	50.6	41.5
5-6 AM	205	0.0	1500	205	0	0.52	0	63.5	50.4	41.3
6-7 AM	277	0.0	1500	277	0	0.53	0	63.4	50.1	41.0
7-8 AM	306	0.0	1500	306	0	0.53	0	63.3	50.1	40.9
8-9 AM	272	0.0	1500	272	0	0.52	0	63.4	50.2	41.0
9-10 AM	274	0.0	1500	274	0	0.52	0	63.4	50.2	41.0
10-11 AM	275	0.0	1500	275	0	0.52	0	63.4	50.1	41.0
11AM-NOON	298	0.0	1500	298	0	0.53	0	63.3	50.1	41.0
NOON-1PM	301	0.0	1500	301	0	0.53	0	63.3	50.1	40.9
1-2 PM	337	0.0	1500	337	0	0.53	0	63.3	49.9	40.9
2-3 PM	365	0.0	1500	365	0	0.53	0	63.2	49.9	40.7
3-4 PM	406	0.0	1500	406	0	0.54	0	63.2	49.7	40.6
4-5 PM	476	0.0	1500	476	0	0.54	0	63.0	49.6	40.4
5-6 PM	412	0.0	1500	412	0	0.54	0	63.2	49.7	40.6
6-7 PM	268	0.0	1500	268	0	0.52	0	63.4	50.2	41.0
7-8 PM	220	0.0	1500	220	0	0.52	0	63.5	50.3	41.2
8-9 PM	190	0.0	1500	190	0	0.52	0	63.5	50.4	41.4
9-10 PM	126	0.0	1500	126	0	0.51	0	63.7	50.6	41.5
10-11 PM	90	0.0	1500	90	0	0.51	0	63.7	50.7	41.7
11PM-MID	57	0.0	1500	57	0	0.50	0	63.8	50.8	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

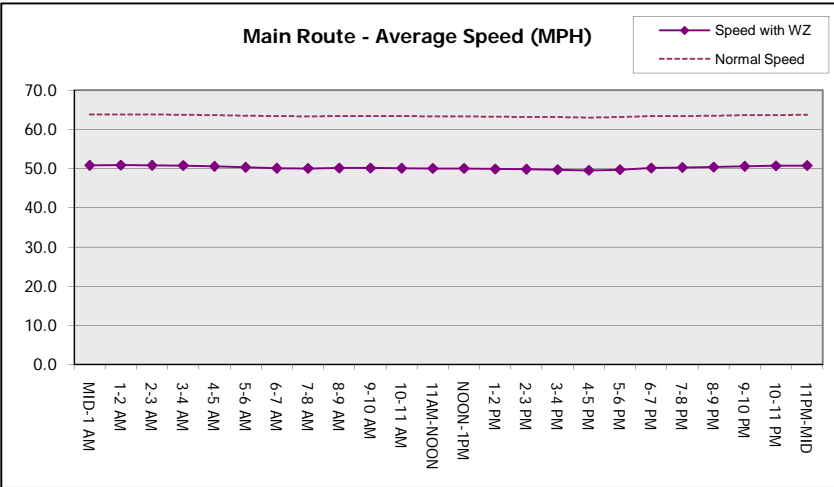
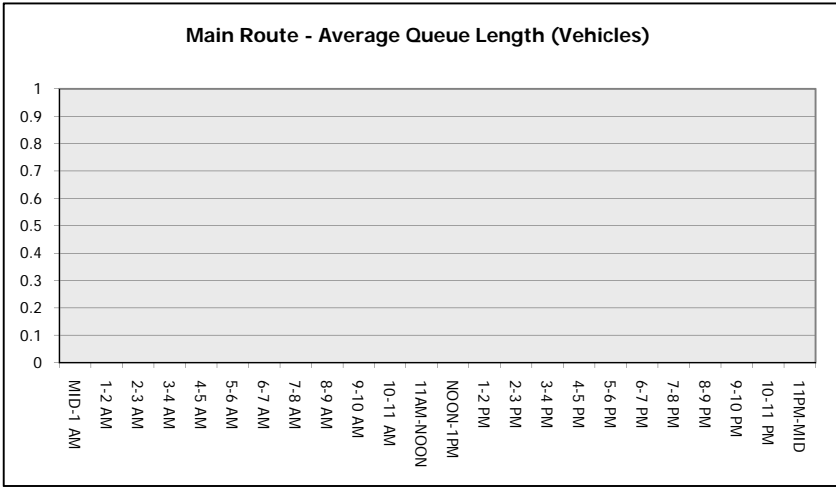
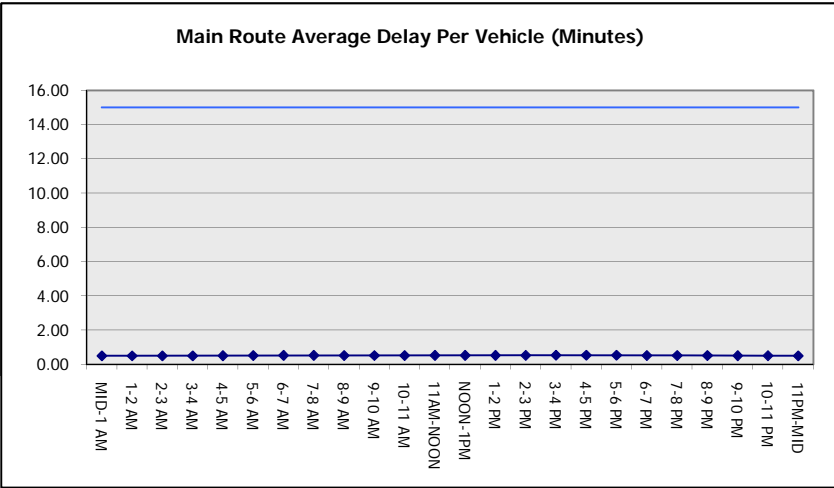
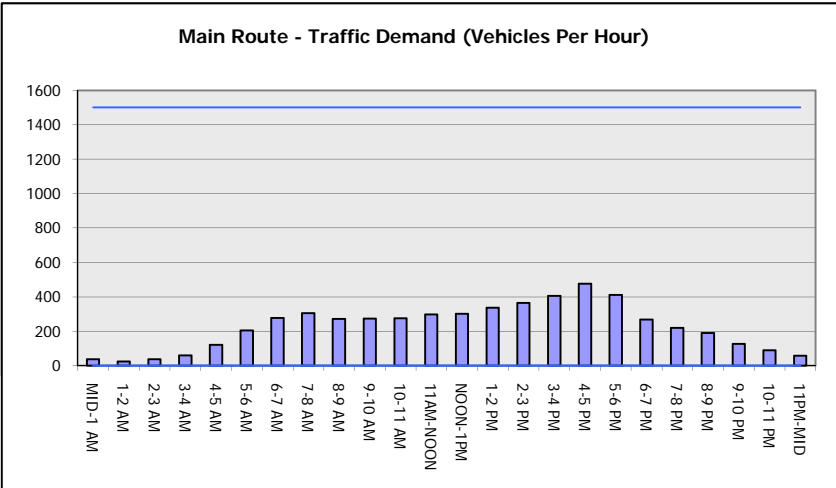
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0019
MAIN ROUTE WITH WORKS	0.0025
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$576
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**STH 29: 40TH ST TO CTH T (CHIPPEWA COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

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



STH 29: 40TH ST TO CTH T (CHIPPEWA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

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	45	0.0	1500	45	0	0.50	0	63.8	50.9	41.9
1-2 AM	41	0.0	1500	41	0	0.50	0	63.8	50.9	41.9
2-3 AM	36	0.0	1500	36	0	0.50	0	63.8	50.9	41.9
3-4 AM	34	0.0	1500	34	0	0.50	0	63.8	50.9	41.9
4-5 AM	67	0.0	1500	67	0	0.51	0	63.8	50.8	41.8
5-6 AM	143	0.0	1500	143	0	0.51	0	63.7	50.5	41.5
6-7 AM	305	0.0	1500	305	0	0.53	0	63.3	50.1	40.9
7-8 AM	390	0.0	1500	390	0	0.54	0	63.2	49.8	40.7
8-9 AM	276	0.0	1500	276	0	0.52	0	63.4	50.1	41.0
9-10 AM	286	0.0	1500	286	0	0.53	0	63.3	50.1	41.0
10-11 AM	299	0.0	1500	299	0	0.53	0	63.3	50.1	41.0
11AM-NOON	308	0.0	1500	308	0	0.53	0	63.3	50.1	40.9
NOON-1PM	314	0.0	1500	314	0	0.53	0	63.3	50.1	40.9
1-2 PM	348	0.0	1500	348	0	0.53	0	63.3	49.9	40.8
2-3 PM	376	0.0	1500	376	0	0.53	0	63.2	49.8	40.7
3-4 PM	492	0.0	1500	492	0	0.55	0	63.0	49.5	40.3
4-5 PM	450	0.0	1500	450	0	0.54	0	63.0	49.6	40.4
5-6 PM	404	0.0	1500	404	0	0.54	0	63.2	49.7	40.6
6-7 PM	266	0.0	1500	266	0	0.52	0	63.4	50.2	41.0
7-8 PM	230	0.0	1500	230	0	0.52	0	63.5	50.3	41.2
8-9 PM	168	0.0	1500	168	0	0.51	0	63.6	50.5	41.4
9-10 PM	133	0.0	1500	133	0	0.51	0	63.7	50.6	41.5
10-11 PM	107	0.0	1500	107	0	0.51	0	63.7	50.7	41.6
11PM-MID	79	0.0	1500	79	0	0.51	0	63.8	50.7	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	0.0019
MAIN ROUTE WITH WORKS	0.0025
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$596
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**STH 29: 40TH ST TO CTH T (CHIPPEWA COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

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

