

USH 41: CTH T TO MAPLE ST (MARINETTE COUNTY CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	74	0.0	1500	74	0	0.51	0	63.8	57.1	41.7
1-2 AM	54	0.0	1500	54	0	0.50	0	63.8	57.1	41.8
2-3 AM	14	0.0	1500	14	0	0.50	0	63.9	57.3	41.9
3-4 AM	33	0.0	1500	33	0	0.50	0	63.8	57.2	41.9
4-5 AM	51	0.0	1500	51	0	0.50	0	63.8	57.1	41.8
5-6 AM	72	0.0	1500	72	0	0.51	0	63.8	57.1	41.7
6-7 AM	181	0.0	1500	181	0	0.52	0	63.6	56.8	41.4
7-8 AM	244	0.0	1500	244	0	0.52	0	63.5	56.6	41.2
8-9 AM	407	0.0	1500	407	0	0.54	0	63.2	56.2	40.6
9-10 AM	451	0.0	1500	451	0	0.54	0	63.0	56.1	40.4
10-11 AM	527	0.0	1500	527	0	0.55	0	62.9	55.9	40.2
11AM-NOON	600	0.0	1500	600	0	0.56	0	62.8	55.7	40.0
NOON-1PM	598	0.0	1500	598	0	0.56	0	62.8	55.8	40.0
1-2 PM	581	0.0	1500	581	0	0.55	0	62.8	55.8	40.1
2-3 PM	532	0.0	1500	532	0	0.55	0	62.9	55.9	40.2
3-4 PM	435	0.0	1500	435	0	0.54	0	63.1	56.1	40.5
4-5 PM	500	0.0	1500	500	0	0.55	0	63.0	56.0	40.3
5-6 PM	416	0.0	1500	416	0	0.54	0	63.2	56.2	40.6
6-7 PM	378	0.0	1500	378	0	0.53	0	63.2	56.3	40.7
7-8 PM	320	0.0	1500	320	0	0.53	0	63.3	56.4	40.9
8-9 PM	253	0.0	1500	253	0	0.52	0	63.4	56.6	41.1
9-10 PM	236	0.0	1500	236	0	0.52	0	63.5	56.6	41.2
10-11 PM	121	0.0	1500	121	0	0.51	0	63.7	56.9	41.5
11PM-MID	126	0.0	1500	126	0	0.51	0	63.7	56.9	41.5

----- 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	0.0055
MAIN ROUTE WITH WORKS	0.0062
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

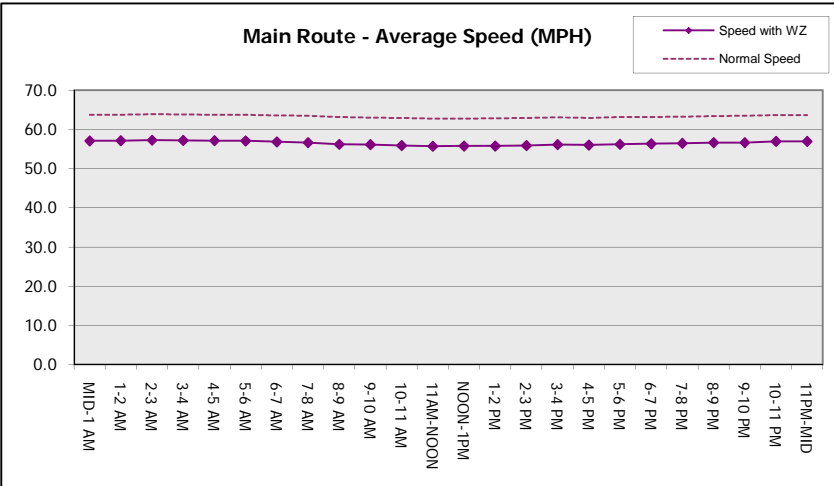
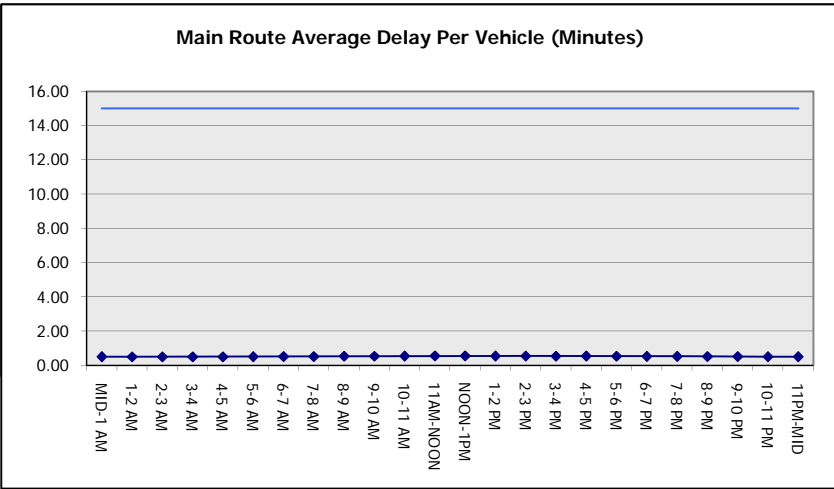
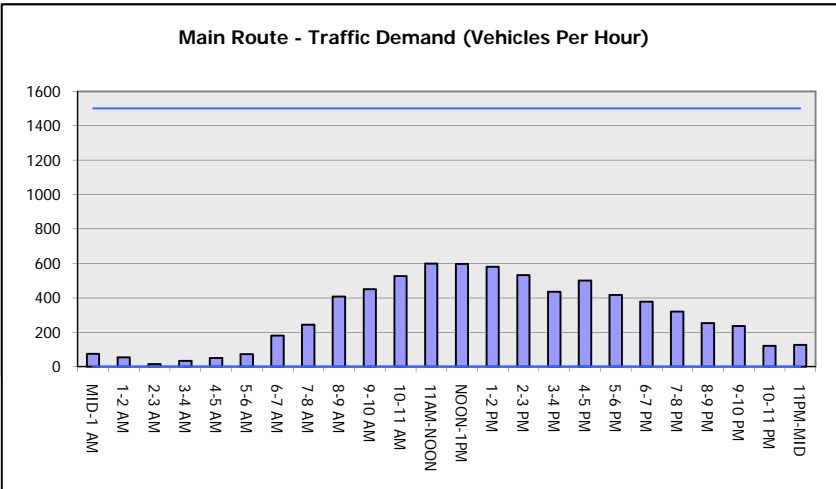
ROAD USER COSTS PER DAY	\$994
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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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	69	0.0	1500	69	0	0.51	0	63.8	57.1	41.7
1-2 AM	47	0.0	1500	47	0	0.50	0	63.8	57.1	41.9
2-3 AM	39	0.0	1500	39	0	0.50	0	63.8	57.2	41.9
3-4 AM	36	0.0	1500	36	0	0.50	0	63.8	57.2	41.9
4-5 AM	60	0.0	1500	60	0	0.50	0	63.8	57.1	41.8
5-6 AM	144	0.0	1500	144	0	0.51	0	63.7	56.9	41.5
6-7 AM	157	0.0	1500	157	0	0.51	0	63.6	56.9	41.4
7-8 AM	256	0.0	1500	256	0	0.52	0	63.4	56.6	41.1
8-9 AM	375	0.0	1500	375	0	0.53	0	63.2	56.3	40.7
9-10 AM	488	0.0	1500	488	0	0.54	0	63.0	56.0	40.3
10-11 AM	528	0.0	1500	528	0	0.55	0	62.9	55.9	40.2
11AM-NOON	600	0.0	1500	600	0	0.56	0	62.8	55.7	40.0
NOON-1PM	499	0.0	1500	499	0	0.55	0	63.0	56.0	40.3
1-2 PM	514	0.0	1500	514	0	0.55	0	63.0	56.0	40.2
2-3 PM	498	0.0	1500	498	0	0.55	0	63.0	56.0	40.3
3-4 PM	530	0.0	1500	530	0	0.55	0	62.9	55.9	40.2
4-5 PM	505	0.0	1500	505	0	0.55	0	63.0	56.0	40.3
5-6 PM	444	0.0	1500	444	0	0.54	0	63.1	56.1	40.5
6-7 PM	414	0.0	1500	414	0	0.54	0	63.2	56.2	40.6
7-8 PM	329	0.0	1500	329	0	0.53	0	63.3	56.4	40.9
8-9 PM	255	0.0	1500	255	0	0.52	0	63.4	56.6	41.1
9-10 PM	256	0.0	1500	256	0	0.52	0	63.4	56.6	41.1
10-11 PM	188	0.0	1500	188	0	0.52	0	63.5	56.8	41.4
11PM-MID	110	0.0	1500	110	0	0.51	0	63.7	57.0	41.6

----- 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	0.0056
MAIN ROUTE WITH WORKS	0.0064
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,011
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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