

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

SUNDAY 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	57	0.0	1500	57	0	0.50	0	63.8	57.1	41.8
1-2 AM	48	0.0	1500	48	0	0.50	0	63.8	57.1	41.9
2-3 AM	33	0.0	1500	33	0	0.50	0	63.8	57.2	41.9
3-4 AM	22	0.0	1500	22	0	0.50	0	63.8	57.2	41.9
4-5 AM	35	0.0	1500	35	0	0.50	0	63.8	57.2	41.9
5-6 AM	51	0.0	1500	51	0	0.50	0	63.8	57.1	41.8
6-7 AM	106	0.0	1500	106	0	0.51	0	63.7	57.0	41.6
7-8 AM	183	0.0	1500	183	0	0.52	0	63.6	56.8	41.4
8-9 AM	282	0.0	1500	282	0	0.53	0	63.4	56.6	41.0
9-10 AM	398	0.0	1500	398	0	0.54	0	63.2	56.3	40.6
10-11 AM	540	0.0	1500	540	0	0.55	0	62.9	55.9	40.2
11AM-NOON	591	0.0	1500	591	0	0.55	0	62.8	55.8	40.0
NOON-1PM	643	0.0	1500	643	0	0.56	0	62.7	55.6	39.8
1-2 PM	665	0.0	1500	665	0	0.56	0	62.7	55.6	39.7
2-3 PM	604	0.0	1500	604	0	0.56	0	62.8	55.7	39.9
3-4 PM	575	0.0	1500	575	0	0.55	0	62.8	55.8	40.1
4-5 PM	486	0.0	1500	486	0	0.54	0	63.0	56.0	40.4
5-6 PM	461	0.0	1500	461	0	0.54	0	63.0	56.1	40.4
6-7 PM	415	0.0	1500	415	0	0.54	0	63.2	56.2	40.6
7-8 PM	334	0.0	1500	334	0	0.53	0	63.3	56.4	40.9
8-9 PM	211	0.0	1500	211	0	0.52	0	63.5	56.8	41.2
9-10 PM	197	0.0	1500	197	0	0.52	0	63.5	56.8	41.3
10-11 PM	116	0.0	1500	116	0	0.51	0	63.7	56.9	41.6
11PM-MID	65	0.0	1500	65	0	0.50	0	63.8	57.1	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	0.0054
MAIN ROUTE WITH WORKS	0.0062
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

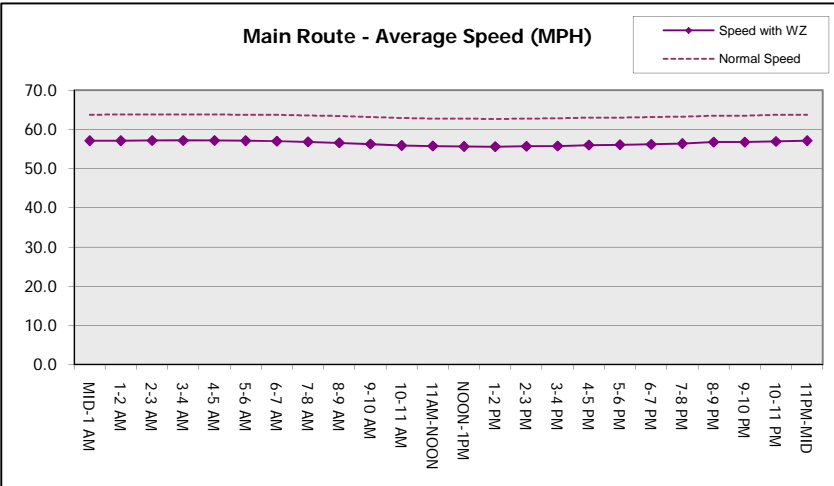
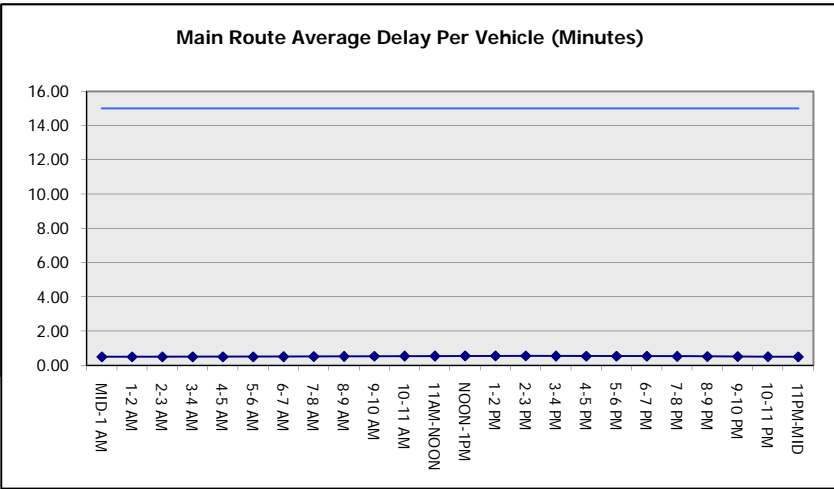
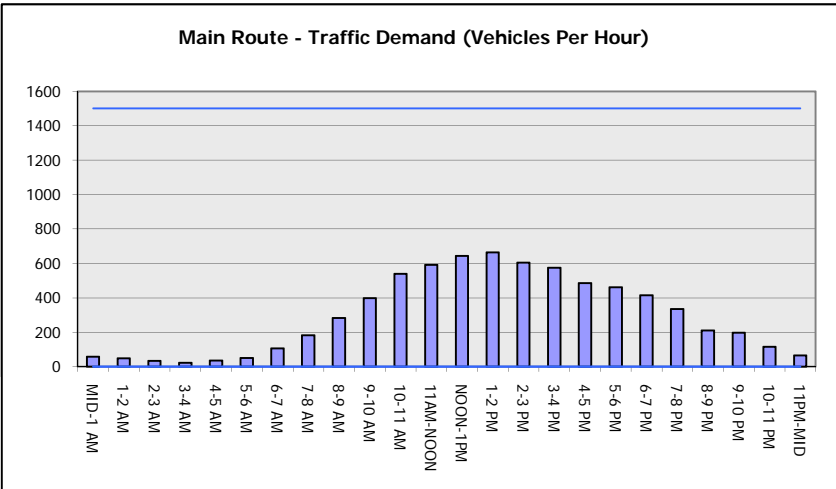
ROAD USER COSTS PER DAY	\$1,001
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY SOUTHBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	84	0.0	1500	84	0	0.51	0	63.7	57.1	41.7
1-2 AM	32	0.0	1500	32	0	0.50	0	63.8	57.2	41.9
2-3 AM	26	0.0	1500	26	0	0.50	0	63.8	57.2	41.9
3-4 AM	21	0.0	1500	21	0	0.50	0	63.8	57.3	41.9
4-5 AM	17	0.0	1500	17	0	0.50	0	63.8	57.3	41.9
5-6 AM	81	0.0	1500	81	0	0.51	0	63.8	57.1	41.7
6-7 AM	79	0.0	1500	79	0	0.51	0	63.8	57.1	41.7
7-8 AM	146	0.0	1500	146	0	0.51	0	63.7	56.9	41.5
8-9 AM	215	0.0	1500	215	0	0.52	0	63.5	56.7	41.2
9-10 AM	356	0.0	1500	356	0	0.53	0	63.2	56.3	40.8
10-11 AM	432	0.0	1500	432	0	0.54	0	63.1	56.1	40.5
11AM-NOON	479	0.0	1500	479	0	0.54	0	63.0	56.0	40.4
NOON-1PM	510	0.0	1500	510	0	0.55	0	63.0	56.0	40.2
1-2 PM	464	0.0	1500	464	0	0.54	0	63.0	56.1	40.4
2-3 PM	483	0.0	1500	483	0	0.54	0	63.0	56.0	40.4
3-4 PM	435	0.0	1500	435	0	0.54	0	63.1	56.1	40.5
4-5 PM	468	0.0	1500	468	0	0.54	0	63.0	56.1	40.4
5-6 PM	459	0.0	1500	459	0	0.54	0	63.0	56.1	40.4
6-7 PM	429	0.0	1500	429	0	0.54	0	63.1	56.1	40.6
7-8 PM	353	0.0	1500	353	0	0.53	0	63.2	56.4	40.8
8-9 PM	269	0.0	1500	269	0	0.52	0	63.4	56.6	41.0
9-10 PM	174	0.0	1500	174	0	0.52	0	63.6	56.8	41.4
10-11 PM	143	0.0	1500	143	0	0.51	0	63.7	56.9	41.5
11PM-MID	76	0.0	1500	76	0	0.51	0	63.8	57.1	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	0.0047
MAIN ROUTE WITH WORKS	0.0054
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$863
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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