

USH 10: CTH K TO CTH B (PORTAGE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY WESTBOUND 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	41	0.0	1500	41	0	0.50	0	63.8	56.3	41.9
1-2 AM	25	0.0	1500	25	0	0.50	0	63.8	56.3	41.9
2-3 AM	15	0.0	1500	15	0	0.50	0	63.9	56.4	41.9
3-4 AM	18	0.0	1500	18	0	0.50	0	63.8	56.4	41.9
4-5 AM	14	0.0	1500	14	0	0.50	0	63.9	56.4	42.0
5-6 AM	34	0.0	1500	34	0	0.50	0	63.8	56.3	41.9
6-7 AM	52	0.0	1500	52	0	0.50	0	63.8	56.3	41.8
7-8 AM	99	0.0	1500	99	0	0.51	0	63.7	56.1	41.7
8-9 AM	164	0.0	1500	164	0	0.51	0	63.6	56.0	41.4
9-10 AM	261	0.0	1500	261	0	0.52	0	63.4	55.7	41.1
10-11 AM	307	0.0	1500	307	0	0.53	0	63.3	55.6	40.9
11AM-NOON	371	0.0	1500	371	0	0.53	0	63.2	55.4	40.7
NOON-1PM	391	0.0	1500	391	0	0.54	0	63.2	55.4	40.7
1-2 PM	393	0.0	1500	393	0	0.54	0	63.2	55.3	40.7
2-3 PM	380	0.0	1500	380	0	0.53	0	63.2	55.4	40.7
3-4 PM	397	0.0	1500	397	0	0.54	0	63.2	55.3	40.6
4-5 PM	414	0.0	1500	414	0	0.54	0	63.2	55.3	40.6
5-6 PM	390	0.0	1500	390	0	0.54	0	63.2	55.4	40.7
6-7 PM	350	0.0	1500	350	0	0.53	0	63.3	55.5	40.8
7-8 PM	295	0.0	1500	295	0	0.53	0	63.3	55.6	41.0
8-9 PM	224	0.0	1500	224	0	0.52	0	63.5	55.8	41.2
9-10 PM	141	0.0	1500	141	0	0.51	0	63.7	56.0	41.5
10-11 PM	97	0.0	1500	97	0	0.51	0	63.7	56.1	41.7
11PM-MID	50	0.0	1500	50	0	0.50	0	63.8	56.3	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	0.0032
MAIN ROUTE WITH WORKS	0.0038
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$677
CONGESTED HOURS PER DAY*	0

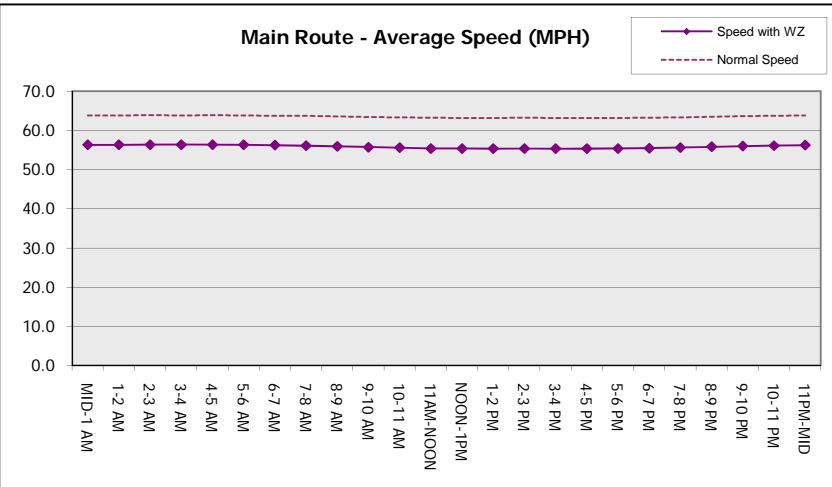
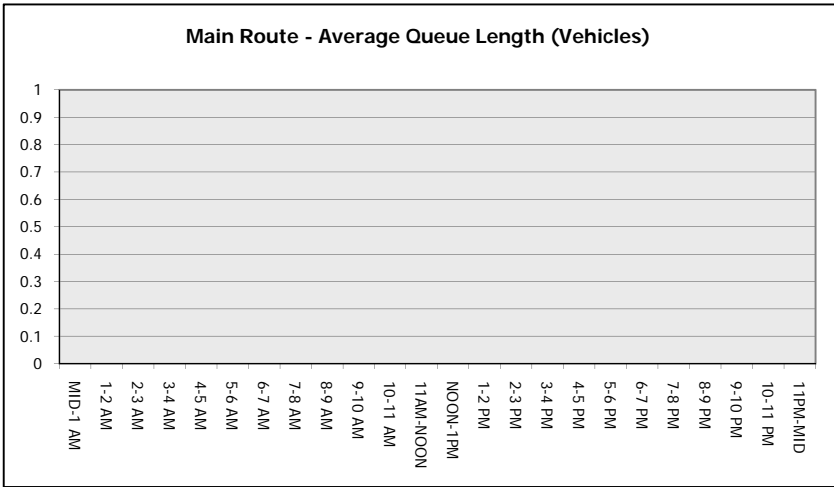
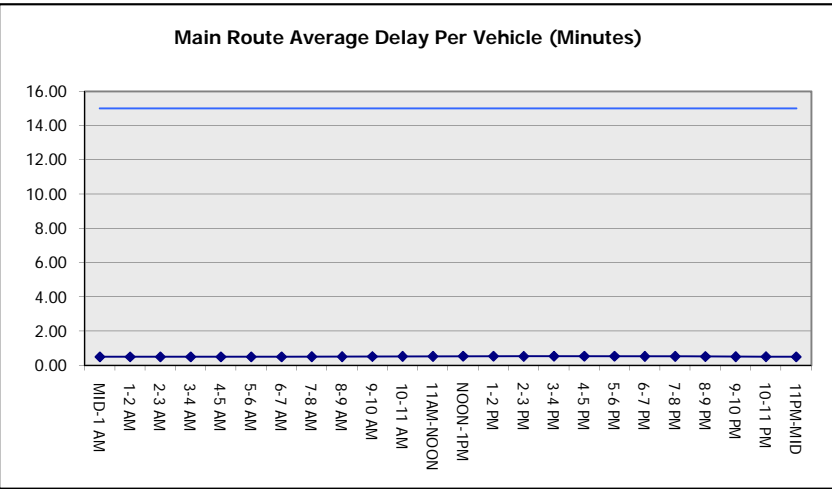
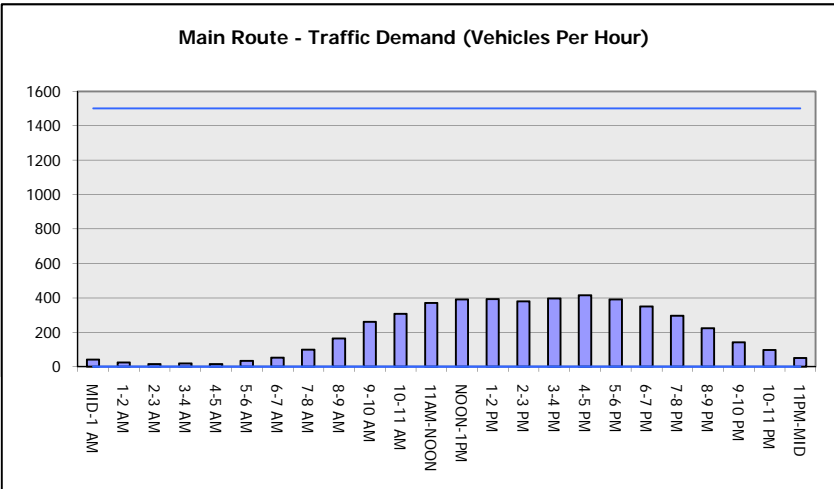
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY EASTBOUND 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	56.3	41.9
1-2 AM	21	0.0	1500	21	0	0.50	0	63.8	56.3	41.9
2-3 AM	21	0.0	1500	21	0	0.50	0	63.8	56.3	41.9
3-4 AM	20	0.0	1500	20	0	0.50	0	63.8	56.3	41.9
4-5 AM	24	0.0	1500	24	0	0.50	0	63.8	56.3	41.9
5-6 AM	32	0.0	1500	32	0	0.50	0	63.8	56.3	41.9
6-7 AM	57	0.0	1500	57	0	0.50	0	63.8	56.3	41.8
7-8 AM	92	0.0	1500	92	0	0.51	0	63.7	56.1	41.7
8-9 AM	173	0.0	1500	173	0	0.52	0	63.6	56.0	41.4
9-10 AM	277	0.0	1500	277	0	0.53	0	63.4	55.6	41.0
10-11 AM	392	0.0	1500	392	0	0.54	0	63.2	55.3	40.7
11AM-NOON	475	0.0	1500	475	0	0.54	0	63.0	55.1	40.4
NOON-1PM	492	0.0	1500	492	0	0.55	0	63.0	55.1	40.3
1-2 PM	531	0.0	1500	531	0	0.55	0	62.9	55.0	40.2
2-3 PM	555	0.0	1500	555	0	0.55	0	62.8	55.0	40.1
3-4 PM	588	0.0	1500	588	0	0.55	0	62.8	54.8	40.0
4-5 PM	567	0.0	1500	567	0	0.55	0	62.8	54.9	40.1
5-6 PM	512	0.0	1500	512	0	0.55	0	63.0	55.0	40.2
6-7 PM	408	0.0	1500	408	0	0.54	0	63.2	55.3	40.6
7-8 PM	322	0.0	1500	322	0	0.53	0	63.3	55.5	40.9
8-9 PM	241	0.0	1500	241	0	0.52	0	63.5	55.8	41.2
9-10 PM	164	0.0	1500	164	0	0.51	0	63.6	56.0	41.4
10-11 PM	97	0.0	1500	97	0	0.51	0	63.7	56.1	41.7
11PM-MID	60	0.0	1500	60	0	0.50	0	63.8	56.3	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	0.0041
MAIN ROUTE WITH WORKS	0.0047
'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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SUNDAY EASTBOUND DIRECTION

