

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

MON-THUR 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	34	0.0	1500	34	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	25	0.0	1500	25	0	0.50	0	63.8	56.3	41.9
3-4 AM	37	0.0	1500	37	0	0.50	0	63.8	56.3	41.9
4-5 AM	63	0.0	1500	63	0	0.50	0	63.8	56.3	41.8
5-6 AM	140	0.0	1500	140	0	0.51	0	63.7	56.0	41.5
6-7 AM	271	0.0	1500	271	0	0.52	0	63.4	55.7	41.0
7-8 AM	426	0.0	1500	426	0	0.54	0	63.1	55.3	40.6
8-9 AM	390	0.0	1500	390	0	0.54	0	63.2	55.4	40.7
9-10 AM	352	0.0	1500	352	0	0.53	0	63.2	55.5	40.8
10-11 AM	330	0.0	1500	330	0	0.53	0	63.3	55.5	40.9
11AM-NOON	323	0.0	1500	323	0	0.53	0	63.3	55.5	40.9
NOON-1PM	311	0.0	1500	311	0	0.53	0	63.3	55.6	40.9
1-2 PM	306	0.0	1500	306	0	0.53	0	63.3	55.6	40.9
2-3 PM	335	0.0	1500	335	0	0.53	0	63.3	55.5	40.9
3-4 PM	366	0.0	1500	366	0	0.53	0	63.2	55.5	40.7
4-5 PM	364	0.0	1500	364	0	0.53	0	63.2	55.5	40.7
5-6 PM	350	0.0	1500	350	0	0.53	0	63.3	55.5	40.8
6-7 PM	248	0.0	1500	248	0	0.52	0	63.5	55.8	41.1
7-8 PM	190	0.0	1500	190	0	0.52	0	63.5	55.9	41.4
8-9 PM	154	0.0	1500	154	0	0.51	0	63.6	56.0	41.5
9-10 PM	114	0.0	1500	114	0	0.51	0	63.7	56.1	41.6
10-11 PM	87	0.0	1500	87	0	0.51	0	63.7	56.2	41.7
11PM-MID	51	0.0	1500	51	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	0.0035
MAIN ROUTE WITH WORKS	0.0041
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

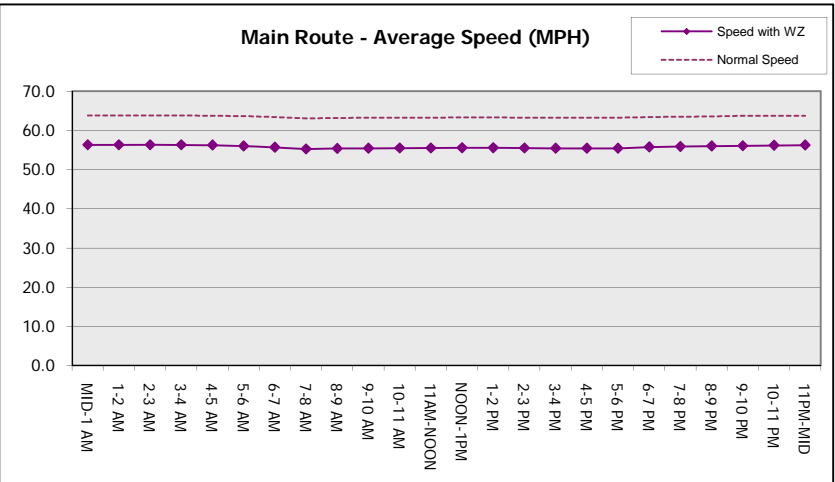
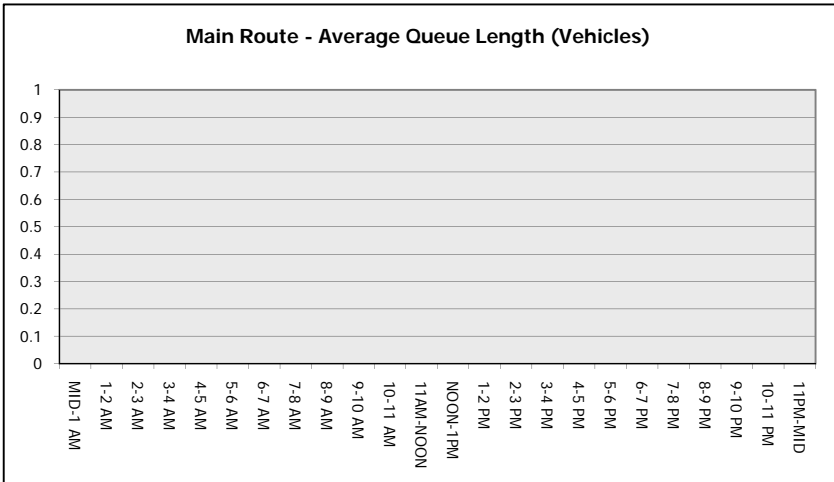
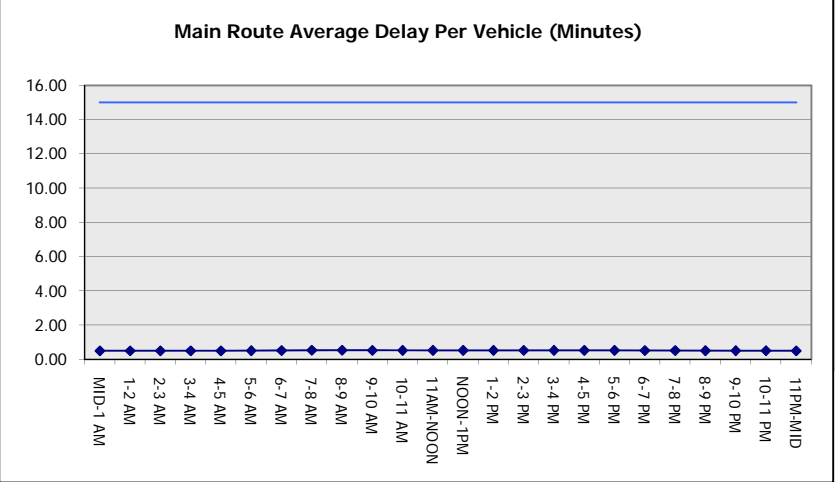
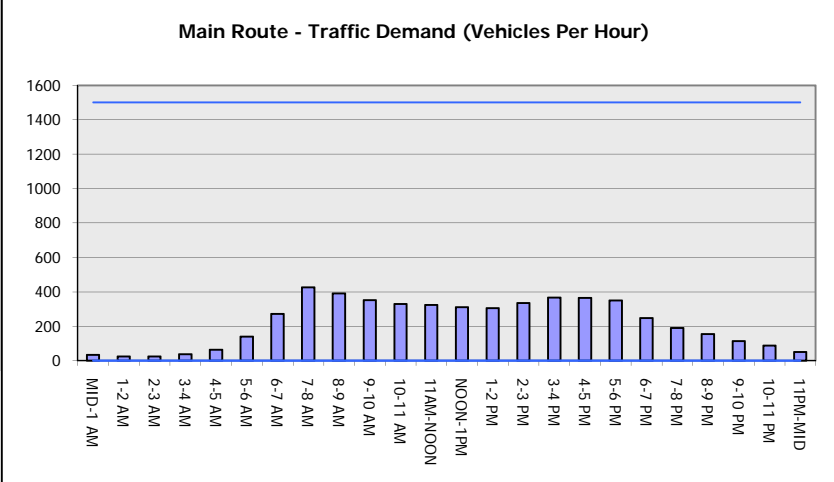
ROAD USER COSTS PER DAY	\$565
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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



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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	29	0.0	1500	29	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	19	0.0	1500	19	0	0.50	0	63.8	56.4	41.9
3-4 AM	38	0.0	1500	38	0	0.50	0	63.8	56.3	41.9
4-5 AM	69	0.0	1500	69	0	0.51	0	63.8	56.2	41.7
5-6 AM	126	0.0	1500	126	0	0.51	0	63.7	56.1	41.5
6-7 AM	197	0.0	1500	197	0	0.52	0	63.5	55.9	41.3
7-8 AM	268	0.0	1500	268	0	0.52	0	63.4	55.7	41.0
8-9 AM	255	0.0	1500	255	0	0.52	0	63.4	55.7	41.1
9-10 AM	270	0.0	1500	270	0	0.52	0	63.4	55.7	41.0
10-11 AM	290	0.0	1500	290	0	0.53	0	63.3	55.6	41.0
11AM-NOON	325	0.0	1500	325	0	0.53	0	63.3	55.5	40.9
NOON-1PM	359	0.0	1500	359	0	0.53	0	63.2	55.5	40.7
1-2 PM	373	0.0	1500	373	0	0.53	0	63.2	55.4	40.7
2-3 PM	409	0.0	1500	409	0	0.54	0	63.2	55.3	40.6
3-4 PM	462	0.0	1500	462	0	0.54	0	63.0	55.2	40.4
4-5 PM	488	0.0	1500	488	0	0.54	0	63.0	55.1	40.3
5-6 PM	464	0.0	1500	464	0	0.54	0	63.0	55.1	40.4
6-7 PM	299	0.0	1500	299	0	0.53	0	63.3	55.6	41.0
7-8 PM	212	0.0	1500	212	0	0.52	0	63.5	55.8	41.2
8-9 PM	173	0.0	1500	173	0	0.52	0	63.6	56.0	41.4
9-10 PM	146	0.0	1500	146	0	0.51	0	63.7	56.0	41.5
10-11 PM	89	0.0	1500	89	0	0.51	0	63.7	56.1	41.7
11PM-MID	56	0.0	1500	56	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	0.0036
MAIN ROUTE WITH WORKS	0.0042
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$582
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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