

<b>USH 10: CTH K TO CTH B (PORTAGE COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	61	0.0	1500	61	0	0.50	0	63.8	56.3	41.8
1-2 AM	29	0.0	1500	29	0	0.50	0	63.8	56.3	41.9
2-3 AM	23	0.0	1500	23	0	0.50	0	63.8	56.3	41.9
3-4 AM	19	0.0	1500	19	0	0.50	0	63.8	56.4	41.9
4-5 AM	15	0.0	1500	15	0	0.50	0	63.9	56.4	41.9
5-6 AM	34	0.0	1500	34	0	0.50	0	63.8	56.3	41.9
6-7 AM	56	0.0	1500	56	0	0.50	0	63.8	56.3	41.8
7-8 AM	81	0.0	1500	81	0	0.51	0	63.8	56.2	41.7
8-9 AM	167	0.0	1500	167	0	0.51	0	63.6	56.0	41.4
9-10 AM	295	0.0	1500	295	0	0.53	0	63.3	55.6	41.0
10-11 AM	388	0.0	1500	388	0	0.54	0	63.2	55.4	40.7
11AM-NOON	458	0.0	1500	458	0	0.54	0	63.0	55.2	40.4
NOON-1PM	462	0.0	1500	462	0	0.54	0	63.0	55.2	40.4
1-2 PM	444	0.0	1500	444	0	0.54	0	63.1	55.2	40.5
2-3 PM	464	0.0	1500	464	0	0.54	0	63.0	55.1	40.4
3-4 PM	464	0.0	1500	464	0	0.54	0	63.0	55.1	40.4
4-5 PM	466	0.0	1500	466	0	0.54	0	63.0	55.1	40.4
5-6 PM	419	0.0	1500	419	0	0.54	0	63.1	55.3	40.6
6-7 PM	350	0.0	1500	350	0	0.53	0	63.2	55.5	40.8
7-8 PM	322	0.0	1500	322	0	0.53	0	63.3	55.5	40.9
8-9 PM	264	0.0	1500	264	0	0.52	0	63.4	55.7	41.1
9-10 PM	200	0.0	1500	200	0	0.52	0	63.5	55.9	41.3
10-11 PM	127	0.0	1500	127	0	0.51	0	63.7	56.1	41.5
11PM-MID	81	0.0	1500	81	0	0.51	0	63.8	56.2	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	0.0038
MAIN ROUTE WITH WORKS	0.0044
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

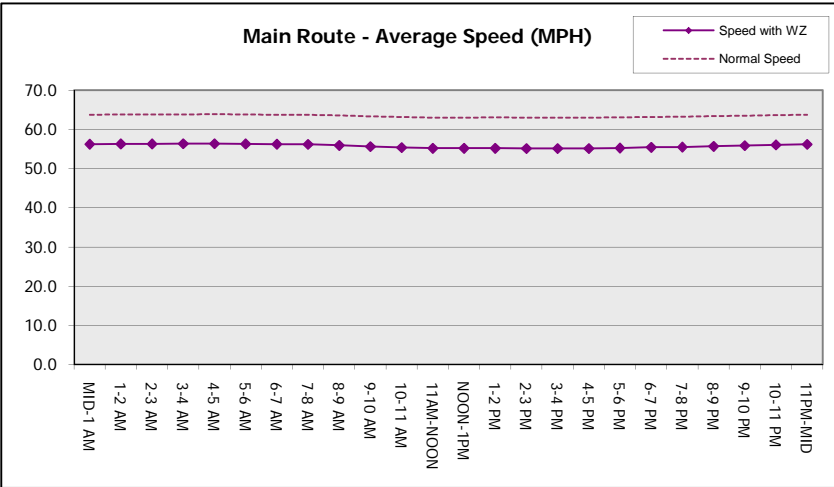
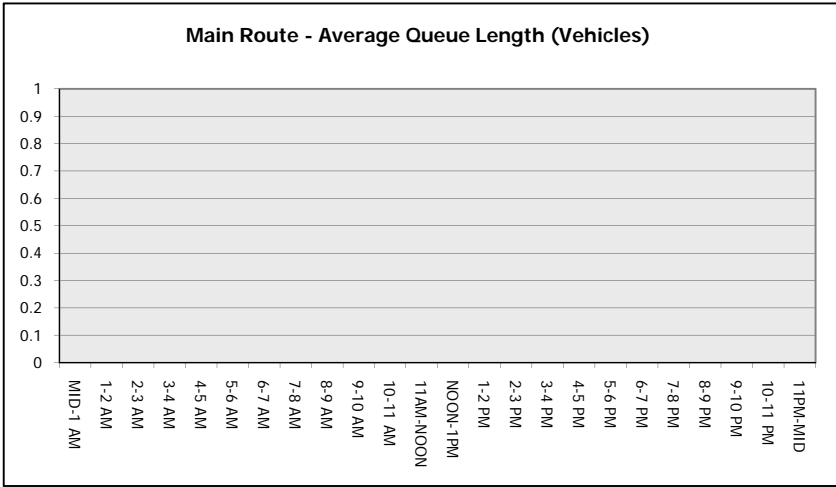
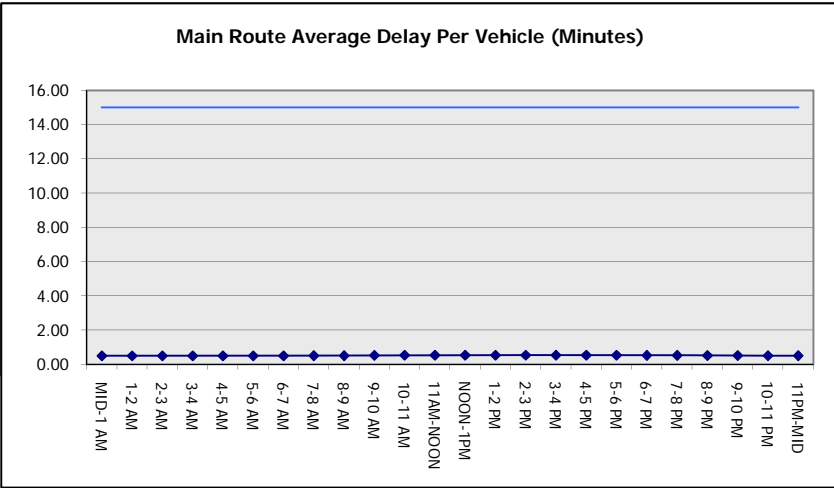
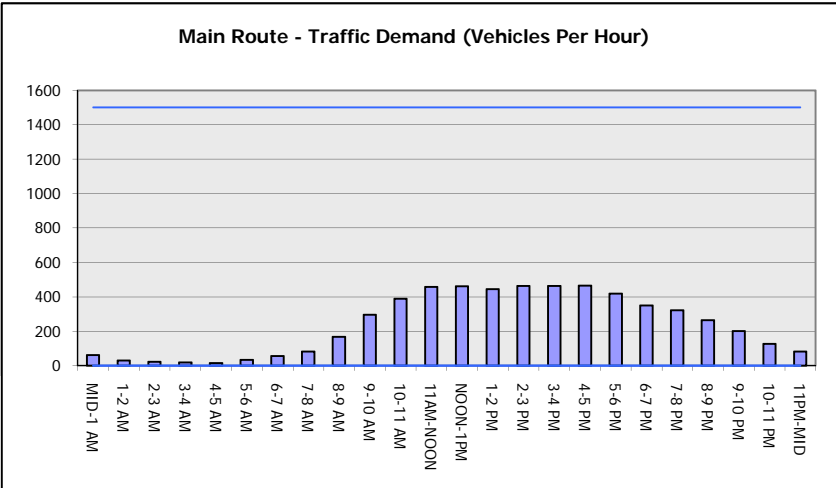
ROAD USER COSTS PER DAY	\$790
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY WESTBOUND DIRECTION**



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

**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	49	0.0	1500	49	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	20	0.0	1500	20	0	0.50	0	63.8	56.3	41.9
3-4 AM	17	0.0	1500	17	0	0.50	0	63.8	56.4	41.9
4-5 AM	18	0.0	1500	18	0	0.50	0	63.8	56.4	41.9
5-6 AM	33	0.0	1500	33	0	0.50	0	63.8	56.3	41.9
6-7 AM	48	0.0	1500	48	0	0.50	0	63.8	56.3	41.9
7-8 AM	101	0.0	1500	101	0	0.51	0	63.7	56.1	41.7
8-9 AM	201	0.0	1500	201	0	0.52	0	63.5	55.9	41.3
9-10 AM	286	0.0	1500	286	0	0.53	0	63.3	55.6	41.0
10-11 AM	402	0.0	1500	402	0	0.54	0	63.2	55.3	40.6
11AM-NOON	488	0.0	1500	488	0	0.54	0	63.0	55.1	40.3
NOON-1PM	574	0.0	1500	574	0	0.55	0	62.8	54.9	40.1
1-2 PM	644	0.0	1500	644	0	0.56	0	62.7	54.7	39.8
2-3 PM	673	0.0	1500	673	0	0.56	0	62.7	54.6	39.7
3-4 PM	642	0.0	1500	642	0	0.56	0	62.7	54.7	39.8
4-5 PM	628	0.0	1500	628	0	0.56	0	62.7	54.8	39.9
5-6 PM	585	0.0	1500	585	0	0.55	0	62.8	54.8	40.0
6-7 PM	482	0.0	1500	482	0	0.54	0	63.0	55.1	40.4
7-8 PM	376	0.0	1500	376	0	0.53	0	63.2	55.4	40.7
8-9 PM	275	0.0	1500	275	0	0.52	0	63.4	55.6	41.0
9-10 PM	204	0.0	1500	204	0	0.52	0	63.5	55.9	41.3
10-11 PM	119	0.0	1500	119	0	0.51	0	63.7	56.1	41.6
11PM-MID	70	0.0	1500	70	0	0.51	0	63.8	56.2	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	0.0046
MAIN ROUTE WITH WORKS	0.0053
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$987
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY EASTBOUND DIRECTION**

