

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

FRIDAY 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	40	0.0	1500	40	0	0.50	0	63.8	56.3	41.9
1-2 AM	34	0.0	1500	34	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	40	0.0	1500	40	0	0.50	0	63.8	56.3	41.9
4-5 AM	64	0.0	1500	64	0	0.50	0	63.8	56.3	41.8
5-6 AM	138	0.0	1500	138	0	0.51	0	63.7	56.0	41.5
6-7 AM	261	0.0	1500	261	0	0.52	0	63.4	55.7	41.1
7-8 AM	429	0.0	1500	429	0	0.54	0	63.1	55.3	40.6
8-9 AM	428	0.0	1500	428	0	0.54	0	63.1	55.3	40.6
9-10 AM	453	0.0	1500	453	0	0.54	0	63.0	55.2	40.4
10-11 AM	458	0.0	1500	458	0	0.54	0	63.0	55.2	40.4
11AM-NOON	460	0.0	1500	460	0	0.54	0	63.0	55.2	40.4
NOON-1PM	456	0.0	1500	456	0	0.54	0	63.0	55.2	40.4
1-2 PM	518	0.0	1500	518	0	0.55	0	62.9	55.0	40.2
2-3 PM	560	0.0	1500	560	0	0.55	0	62.8	54.9	40.1
3-4 PM	603	0.0	1500	603	0	0.56	0	62.8	54.8	39.9
4-5 PM	663	0.0	1500	663	0	0.56	0	62.7	54.6	39.7
5-6 PM	693	0.0	1500	693	0	0.56	0	62.6	54.6	39.7
6-7 PM	559	0.0	1500	559	0	0.55	0	62.8	54.9	40.1
7-8 PM	451	0.0	1500	451	0	0.54	0	63.0	55.2	40.4
8-9 PM	330	0.0	1500	330	0	0.53	0	63.3	55.5	40.9
9-10 PM	206	0.0	1500	206	0	0.52	0	63.5	55.8	41.3
10-11 PM	155	0.0	1500	155	0	0.51	0	63.6	56.0	41.5
11PM-MID	82	0.0	1500	82	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

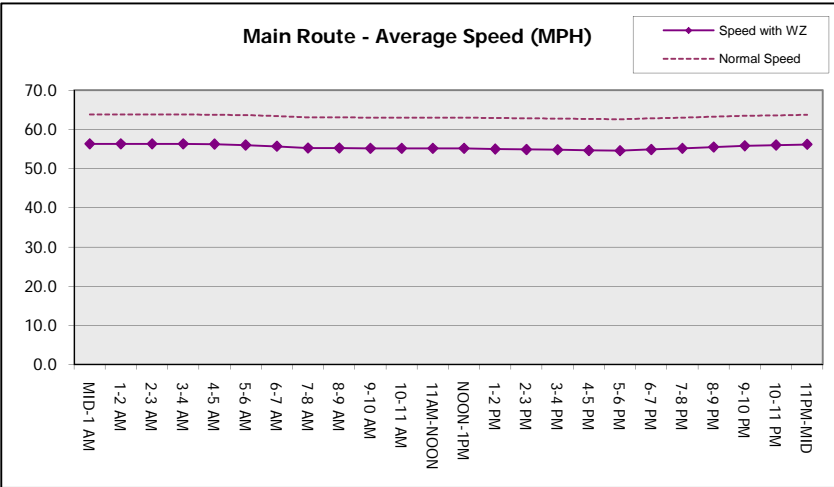
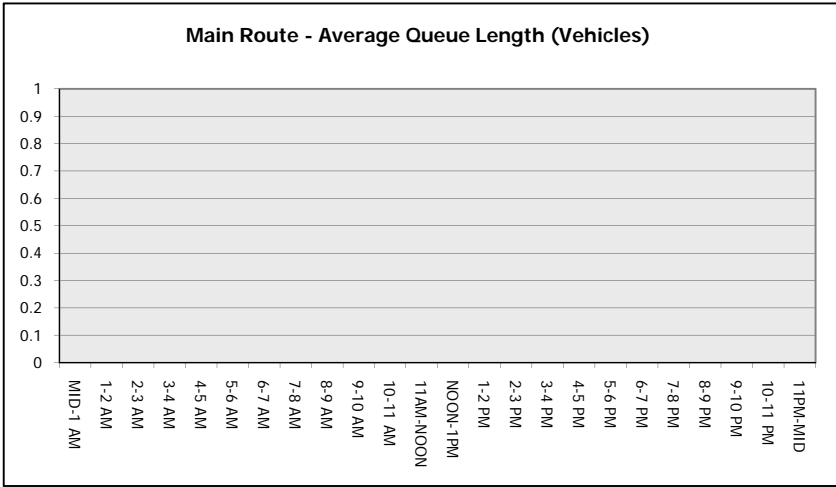
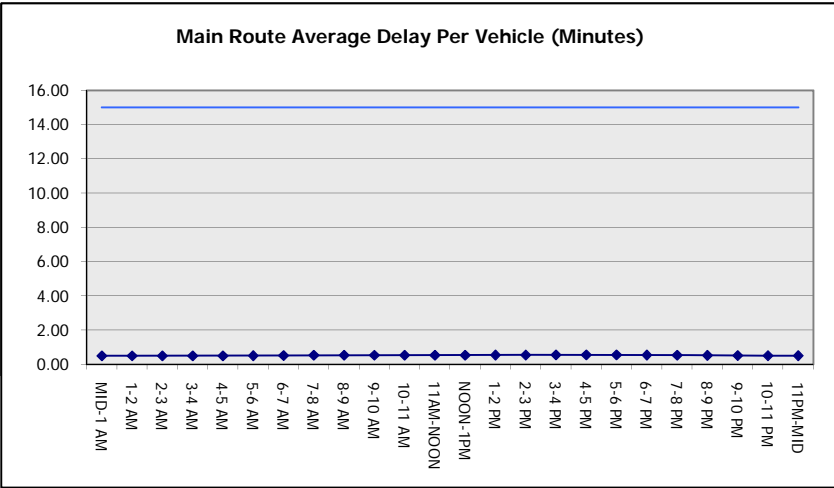
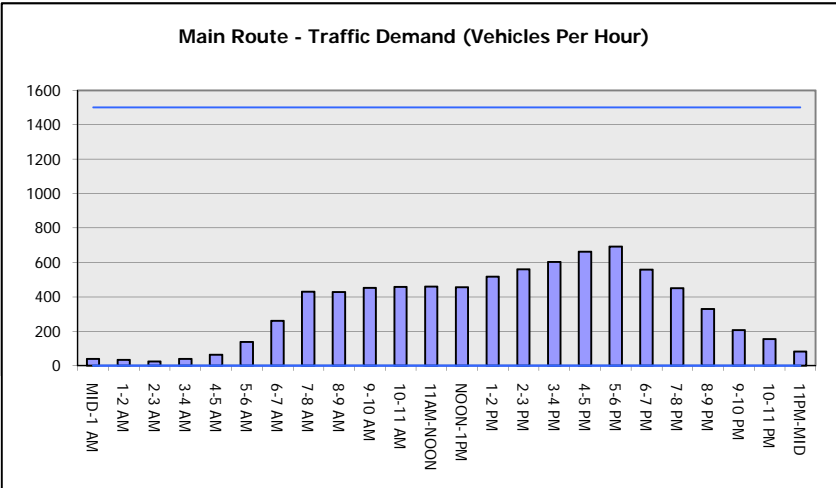
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0053
MAIN ROUTE WITH WORKS	0.0062
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$921
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



USH 10: CTH K TO CTH B (PORTAGE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	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	22	0.0	1500	22	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	64	0.0	1500	64	0	0.50	0	63.8	56.3	41.8
5-6 AM	106	0.0	1500	106	0	0.51	0	63.7	56.1	41.6
6-7 AM	183	0.0	1500	183	0	0.52	0	63.6	55.9	41.4
7-8 AM	256	0.0	1500	256	0	0.52	0	63.4	55.7	41.1
8-9 AM	255	0.0	1500	255	0	0.52	0	63.4	55.7	41.1
9-10 AM	287	0.0	1500	287	0	0.53	0	63.3	55.6	41.0
10-11 AM	324	0.0	1500	324	0	0.53	0	63.3	55.5	40.9
11AM-NOON	351	0.0	1500	351	0	0.53	0	63.2	55.5	40.8
NOON-1PM	415	0.0	1500	415	0	0.54	0	63.2	55.3	40.6
1-2 PM	499	0.0	1500	499	0	0.55	0	63.0	55.1	40.3
2-3 PM	487	0.0	1500	487	0	0.54	0	63.0	55.1	40.4
3-4 PM	519	0.0	1500	519	0	0.55	0	62.9	55.0	40.2
4-5 PM	570	0.0	1500	570	0	0.55	0	62.8	54.9	40.1
5-6 PM	537	0.0	1500	537	0	0.55	0	62.9	55.0	40.2
6-7 PM	390	0.0	1500	390	0	0.54	0	63.2	55.4	40.7
7-8 PM	302	0.0	1500	302	0	0.53	0	63.3	55.6	40.9
8-9 PM	235	0.0	1500	235	0	0.52	0	63.5	55.8	41.2
9-10 PM	194	0.0	1500	194	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	77	0.0	1500	77	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	0.0041
MAIN ROUTE WITH WORKS	0.0048
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$704
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

