

<b>USH 41: CTH B TO CTH M (BROWN COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	112	0.0	1500	112	0	0.43	0	66.2	57.3	45.0	
1-2 AM	85	0.0	1500	85	0	0.43	0	66.2	57.4	45.1	
2-3 AM	79	0.0	1500	79	0	0.43	0	66.3	57.4	45.1	
3-4 AM	63	0.0	1500	63	0	0.43	0	66.3	57.5	45.3	
4-5 AM	116	0.0	1500	116	0	0.43	0	66.2	57.3	45.0	
5-6 AM	270	0.0	1500	270	0	0.45	0	65.9	56.8	44.4	
6-7 AM	302	0.0	1500	302	0	0.45	0	65.8	56.8	44.3	
7-8 AM	452	0.0	1500	452	0	0.47	0	65.5	56.3	43.7	
8-9 AM	872	0.0	1500	872	0	0.51	0	64.8	55.0	42.1	
9-10 AM	1337	0.0	OFF	1337	0	0.00	0	63.9	63.9	63.9	
10-11 AM	1714	0.0	OFF	1714	0	0.00	0	63.2	63.2	63.2	
11AM-NOON	1845	0.0	OFF	1845	0	0.00	0	63.0	63.0	63.0	
NOON-1PM	1918	0.0	OFF	1918	0	0.00	0	62.8	62.8	62.8	
1-2 PM	1929	0.0	OFF	1929	0	0.00	0	62.8	62.8	62.8	
2-3 PM	1896	0.0	OFF	1896	0	0.00	0	62.8	62.8	62.8	
3-4 PM	1834	0.0	OFF	1834	0	0.00	0	63.0	63.0	63.0	
4-5 PM	1913	0.0	OFF	1913	0	0.00	0	62.8	62.8	62.8	
5-6 PM	1686	0.0	OFF	1686	0	0.00	0	63.2	63.2	63.2	
6-7 PM	1245	0.0	OFF	1245	0	0.00	0	64.1	64.1	64.1	
7-8 PM	865	0.0	1500	865	0	0.51	0	64.8	55.1	42.2	
8-9 PM	664	0.0	1500	664	0	0.49	0	65.1	55.6	42.9	
9-10 PM	413	0.0	1500	413	0	0.46	0	65.6	56.4	43.8	
10-11 PM	236	0.0	1500	236	0	0.45	0	66.0	56.9	44.5	
11PM-MID	82	0.0	1500	82	0	0.43	0	66.3	57.4	45.1	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0108
MAIN ROUTE WITH WORKS	0.0105
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$515
CONGESTED HOURS PER DAY*	0

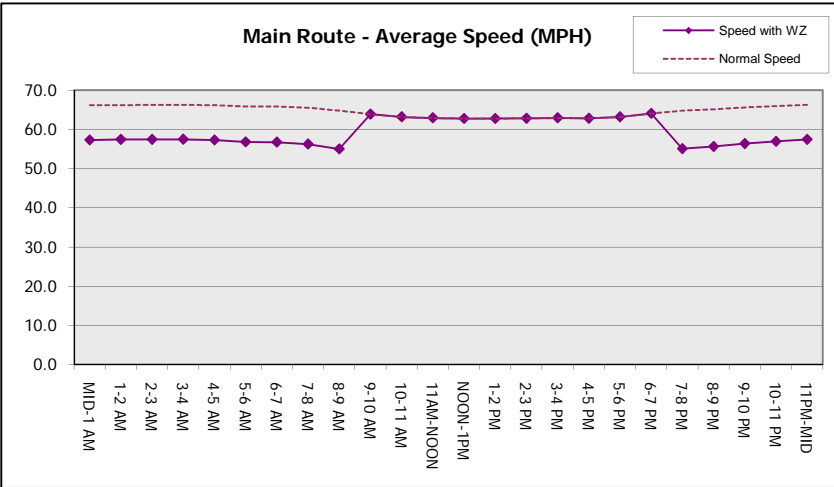
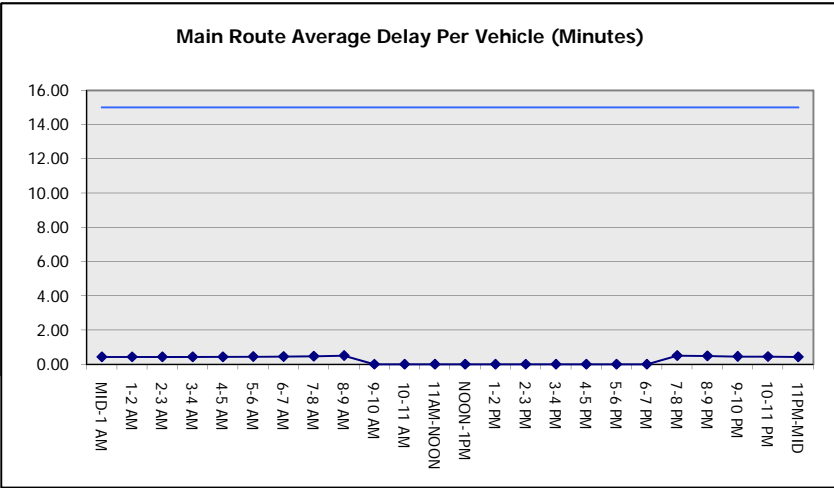
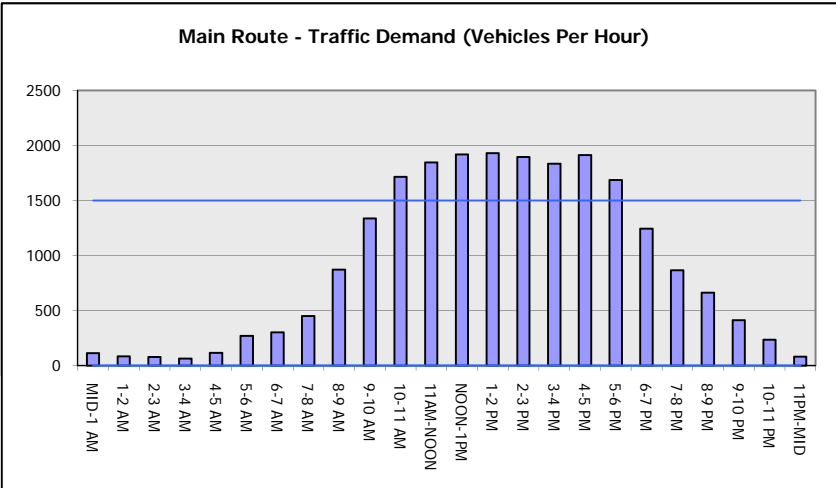
\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
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**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SUNDAY SOUTHBOUND DIRECTION**



<b>USH 41: CTH B TO CTH M (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
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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	222	0.0	1500	222	0	0.44	0	66.0	57.0	44.6
1-2 AM	119	0.0	1500	119	0	0.43	0	66.1	57.3	45.0
2-3 AM	139	0.0	1500	139	0	0.44	0	66.1	57.3	45.0
3-4 AM	69	0.0	1500	69	0	0.43	0	66.3	57.4	45.2
4-5 AM	72	0.0	1500	72	0	0.43	0	66.3	57.4	45.2
5-6 AM	128	0.0	1500	128	0	0.43	0	66.1	57.3	45.0
6-7 AM	265	0.0	1500	265	0	0.45	0	65.9	56.9	44.4
7-8 AM	314	0.0	1500	314	0	0.45	0	65.8	56.7	44.2
8-9 AM	499	0.0	1500	499	0	0.47	0	65.5	56.1	43.5
9-10 AM	681	0.0	OFF	681	0	0.00	0	65.1	65.1	65.1
10-11 AM	955	0.0	OFF	955	0	0.00	0	64.6	64.6	64.6
11AM-NOON	1020	0.0	OFF	1020	0	0.00	0	64.5	64.5	64.5
NOON-1PM	1254	0.0	OFF	1254	0	0.00	0	64.0	64.0	64.0
1-2 PM	1199	0.0	OFF	1199	0	0.00	0	64.1	64.1	64.1
2-3 PM	1243	0.0	OFF	1243	0	0.00	0	64.1	64.1	64.1
3-4 PM	1277	0.0	OFF	1277	0	0.00	0	64.0	64.0	64.0
4-5 PM	1293	0.0	OFF	1293	0	0.00	0	64.0	64.0	64.0
5-6 PM	1090	0.0	OFF	1090	0	0.00	0	64.3	64.3	64.3
6-7 PM	1016	0.0	OFF	1016	0	0.00	0	64.5	64.5	64.5
7-8 PM	788	0.0	1500	788	0	0.50	0	64.9	55.3	42.4
8-9 PM	553	0.0	1500	553	0	0.48	0	65.3	56.0	43.3
9-10 PM	353	0.0	1500	353	0	0.46	0	65.7	56.6	44.1
10-11 PM	256	0.0	1500	256	0	0.45	0	65.9	56.9	44.5
11PM-MID	155	0.0	1500	155	0	0.44	0	66.1	57.2	44.8

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0074
MAIN ROUTE WITH WORKS	0.0071
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$426
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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

