

<b>USH 41: CTH M TO IH 43 (BROWN COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                  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	81	0.0	OFF	81	0	0.00	0	66.3	66.3	66.3	
1-2 AM	64	0.0	OFF	64	0	0.00	0	66.3	66.3	66.3	
2-3 AM	109	0.0	OFF	109	0	0.00	0	66.2	66.2	66.2	
3-4 AM	148	0.0	OFF	148	0	0.00	0	66.1	66.1	66.1	
4-5 AM	551	0.0	OFF	551	0	0.00	0	65.3	65.3	65.3	
5-6 AM	1580	0.0	OFF	1580	0	0.00	0	63.5	63.5	63.5	
6-7 AM	2755	0.0	OFF	2755	0	0.00	0	58.2	58.2	58.2	
7-8 AM	3051	0.0	OFF	3051	0	0.00	0	55.3	55.3	55.3	
8-9 AM	1867	0.0	OFF	1867	0	0.00	0	62.9	62.9	62.9	
9-10 AM	1440	0.0	OFF	1440	0	0.00	0	63.7	63.7	63.7	
10-11 AM	1329	0.0	1500	1329	0	0.80	0	63.9	46.0	34.7	
11AM-NOON	1217	0.0	1500	1217	0	0.66	0	64.1	48.6	37.9	
NOON-1PM	1228	0.0	1500	1228	0	0.67	0	64.1	48.3	37.6	
1-2 PM	1291	0.0	1500	1291	0	0.75	0	64.0	46.8	35.8	
2-3 PM	1310	0.0	1500	1310	0	0.78	0	64.0	46.4	35.2	
3-4 PM	1413	0.0	OFF	1413	0	0.00	0	63.8	63.8	63.8	
4-5 PM	1590	0.0	OFF	1590	0	0.00	0	63.4	63.4	63.4	
5-6 PM	1384	0.0	OFF	1384	0	0.00	0	63.8	63.8	63.8	
6-7 PM	951	0.0	OFF	951	0	0.00	0	64.6	64.6	64.6	
7-8 PM	619	0.0	OFF	619	0	0.00	0	65.2	65.2	65.2	
8-9 PM	509	0.0	OFF	509	0	0.00	0	65.5	65.5	65.5	
9-10 PM	416	0.0	OFF	416	0	0.00	0	65.6	65.6	65.6	
10-11 PM	285	0.0	OFF	285	0	0.00	0	65.8	65.8	65.8	
11PM-MID	144	0.0	OFF	144	0	0.00	0	66.1	66.1	66.1	

"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	0.0089
MAIN ROUTE WITH WORKS	0.0084
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$962
CONGESTED HOURS PER DAY*	0

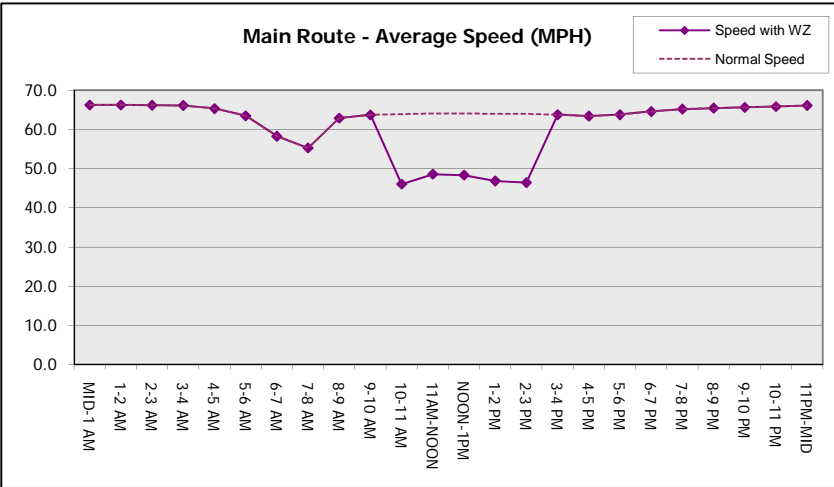
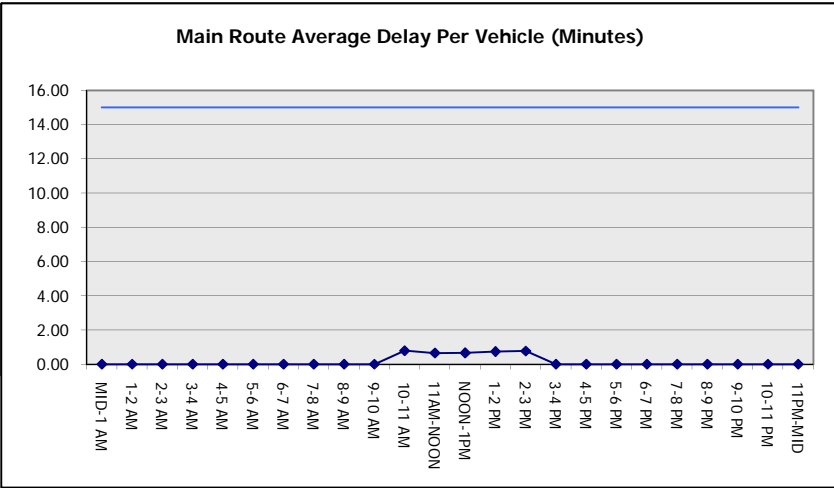
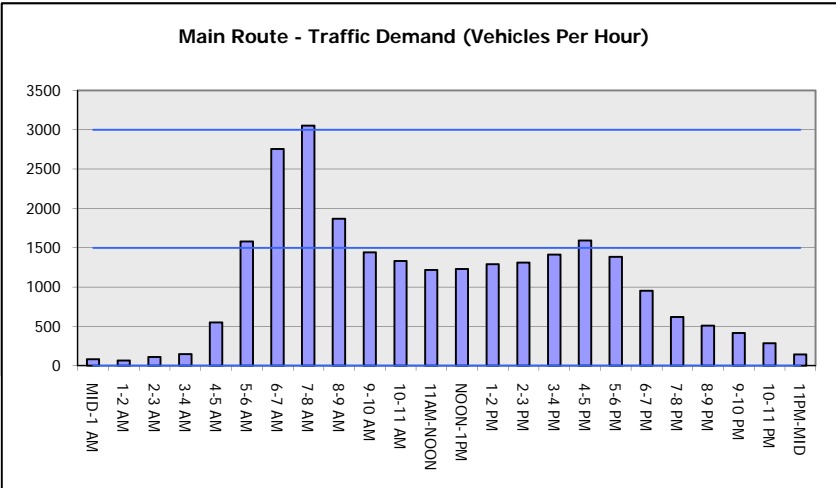
\*Delays Exceeding User-Specified Maximum

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OFF-PEAK DAY CLOSURE  
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**MAY**  
Analyzed for 2009  
Construction Season

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

**MON-THUR SOUTHBOUND DIRECTION**



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**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	153	0.0	OFF	153	0	0.00	0	66.1	66.1	66.1
1-2 AM	94	0.0	OFF	94	0	0.00	0	66.2	66.2	66.2
2-3 AM	94	0.0	OFF	94	0	0.00	0	66.2	66.2	66.2
3-4 AM	134	0.0	OFF	134	0	0.00	0	66.1	66.1	66.1
4-5 AM	189	0.0	OFF	189	0	0.00	0	66.0	66.0	66.0
5-6 AM	368	0.0	OFF	368	0	0.00	0	65.7	65.7	65.7
6-7 AM	863	0.0	OFF	863	0	0.00	0	64.8	64.8	64.8
7-8 AM	1000	0.0	OFF	1000	0	0.00	0	64.5	64.5	64.5
8-9 AM	934	0.0	OFF	934	0	0.00	0	64.6	64.6	64.6
9-10 AM	879	0.0	OFF	879	0	0.00	0	64.8	64.8	64.8
10-11 AM	979	0.0	1500	979	0	0.52	0	64.6	51.5	41.7
11AM-NOON	1012	0.0	1500	1012	0	0.52	0	64.5	51.4	41.6
NOON-1PM	1191	0.0	1500	1191	0	0.62	0	64.1	49.2	38.8
1-2 PM	1328	0.0	1499	1328	0	0.80	0	63.9	46.1	34.8
2-3 PM	1663	0.0	1499	1663	0	2.37	49	63.3	29.6	30.8
3-4 PM	2357	0.0	OFF	2357	0	0.17	8	62.0	57.5	57.5
4-5 PM	2969	0.0	OFF	2969	0	0.00	0	56.1	56.1	56.1
5-6 PM	2803	0.0	OFF	2803	0	0.00	0	57.8	57.8	57.8
6-7 PM	1819	0.0	OFF	1819	0	0.00	0	63.0	63.0	63.0
7-8 PM	1260	0.0	OFF	1260	0	0.00	0	64.0	64.0	64.0
8-9 PM	1011	0.0	OFF	1011	0	0.00	0	64.5	64.5	64.5
9-10 PM	811	0.0	OFF	811	0	0.00	0	64.9	64.9	64.9
10-11 PM	468	0.0	OFF	468	0	0.00	0	65.5	65.5	65.5
11PM-MID	339	0.0	OFF	339	0	0.00	0	65.8	65.8	65.8

"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	0.0087
MAIN ROUTE WITH WORKS	0.0082
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,476
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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Construction Season

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

