

<b>USH 41: CTH M TO IH 43 (BROWN COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>OCTOBER</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	72	0.0	1500	72	0	0.43	0	66.3	54.5	45.2	
1-2 AM	63	0.0	1500	63	0	0.43	0	66.3	54.5	45.3	
2-3 AM	110	0.0	1500	110	0	0.43	0	66.2	54.3	45.0	
3-4 AM	164	0.0	1500	164	0	0.44	0	66.1	54.2	44.8	
4-5 AM	537	0.0	1500	537	0	0.47	0	65.4	52.9	43.3	
5-6 AM	1573	0.0	OFF	1573	0	0.00	0	63.5	63.5	63.5	
6-7 AM	2692	0.0	OFF	2692	0	0.00	0	58.9	58.9	58.9	
7-8 AM	3095	0.0	OFF	3095	0	0.00	0	54.8	54.8	54.8	
8-9 AM	1931	0.0	OFF	1931	0	0.00	0	62.8	62.8	62.8	
9-10 AM	1481	0.0	OFF	1481	0	0.00	0	63.7	63.7	63.7	
10-11 AM	1410	0.0	OFF	1410	0	0.00	0	63.8	63.8	63.8	
11AM-NOON	1335	0.0	OFF	1335	0	0.00	0	63.9	63.9	63.9	
NOON-1PM	1299	0.0	OFF	1299	0	0.00	0	64.0	64.0	64.0	
1-2 PM	1393	0.0	OFF	1393	0	0.00	0	63.8	63.8	63.8	
2-3 PM	1417	0.0	OFF	1417	0	0.00	0	63.7	63.7	63.7	
3-4 PM	1444	0.0	OFF	1444	0	0.00	0	63.7	63.7	63.7	
4-5 PM	1583	0.0	OFF	1583	0	0.00	0	63.5	63.5	63.5	
5-6 PM	1405	0.0	OFF	1405	0	0.00	0	63.8	63.8	63.8	
6-7 PM	977	0.0	OFF	977	0	0.00	0	64.6	64.6	64.6	
7-8 PM	594	0.0	1500	594	0	0.48	0	65.3	52.7	43.2	
8-9 PM	413	0.0	1500	413	0	0.46	0	65.6	53.3	43.8	
9-10 PM	380	0.0	1500	380	0	0.46	0	65.7	53.5	44.0	
10-11 PM	319	0.0	1500	319	0	0.45	0	65.8	53.7	44.2	
11PM-MID	142	0.0	1500	142	0	0.44	0	66.1	54.3	44.9	

**"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

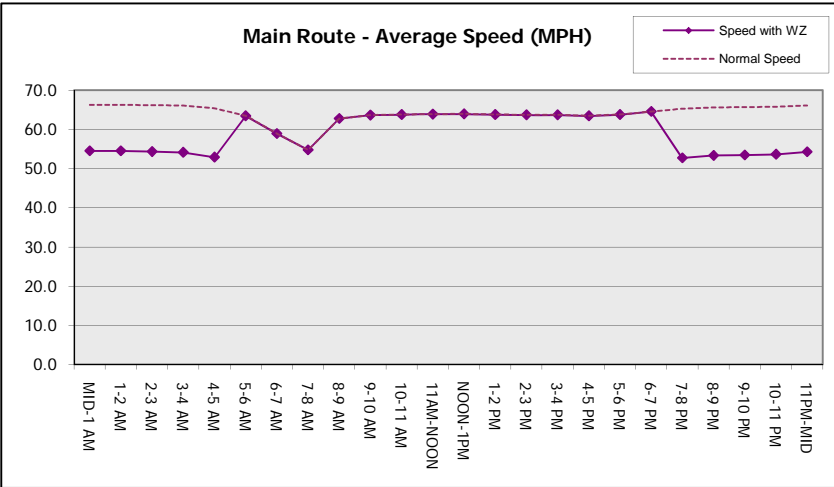
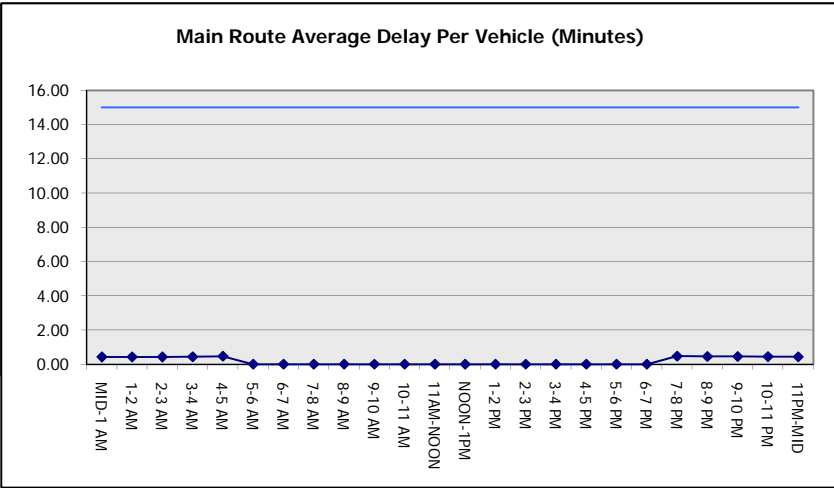
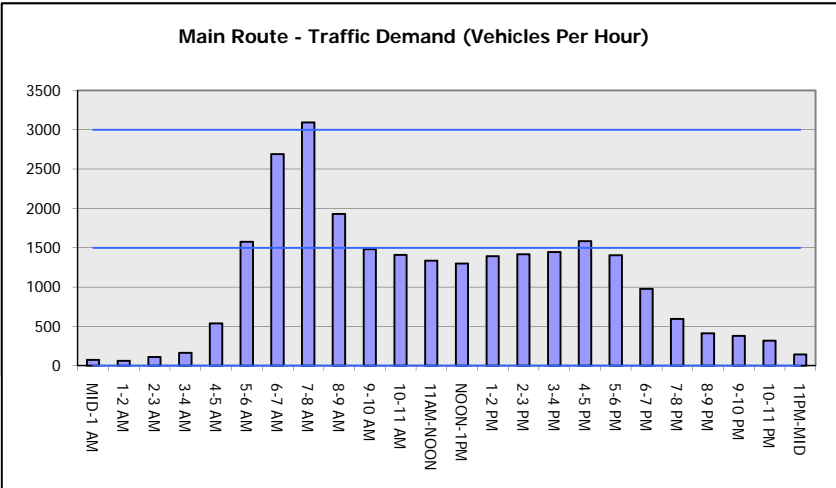
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0090
MAIN ROUTE WITH WORKS	0.0089
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$266
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 41: CTH M TO IH 43 (BROWN COUNTY)  
NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**OCTOBER**  
Analyzed for 2009  
Construction Season

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



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

**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	151	0.0	1500	151	0	0.44	0	66.1	54.2	44.9
1-2 AM	105	0.0	1500	105	0	0.43	0	66.2	54.4	45.1
2-3 AM	111	0.0	1500	111	0	0.43	0	66.2	54.3	45.0
3-4 AM	141	0.0	1500	141	0	0.44	0	66.1	54.3	44.9
4-5 AM	200	0.0	1500	200	0	0.44	0	66.0	54.1	44.7
5-6 AM	412	0.0	OFF	412	0	0.00	0	65.6	65.6	65.6
6-7 AM	823	0.0	OFF	823	0	0.00	0	64.8	64.8	64.8
7-8 AM	955	0.0	OFF	955	0	0.00	0	64.6	64.6	64.6
8-9 AM	920	0.0	OFF	920	0	0.00	0	64.6	64.6	64.6
9-10 AM	924	0.0	OFF	924	0	0.00	0	64.6	64.6	64.6
10-11 AM	1008	0.0	OFF	1008	0	0.00	0	64.5	64.5	64.5
11AM-NOON	1114	0.0	OFF	1114	0	0.00	0	64.3	64.3	64.3
NOON-1PM	1192	0.0	OFF	1192	0	0.00	0	64.1	64.1	64.1
1-2 PM	1389	0.0	OFF	1389	0	0.00	0	63.8	63.8	63.8
2-3 PM	1662	0.0	OFF	1662	0	0.00	0	63.3	63.3	63.3
3-4 PM	2383	0.0	OFF	2383	0	0.00	0	62.0	62.0	62.0
4-5 PM	2917	0.0	OFF	2917	0	0.00	0	56.6	56.6	56.6
5-6 PM	2842	0.0	OFF	2842	0	0.00	0	57.4	57.4	57.4
6-7 PM	1787	0.0	OFF	1787	0	0.00	0	63.0	63.0	63.0
7-8 PM	1174	0.0	1500	1174	0	0.60	0	64.2	49.6	39.3
8-9 PM	985	0.0	1500	985	0	0.52	0	64.5	51.5	41.7
9-10 PM	813	0.0	1500	813	0	0.50	0	64.9	52.0	42.4
10-11 PM	487	0.0	1500	487	0	0.47	0	65.5	53.1	43.5
11PM-MID	317	0.0	1500	317	0	0.45	0	65.8	53.7	44.2

"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	0.0084
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$477
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**OCTOBER**

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

