

<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>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	OFF	72	0	0.00	0	66.3	66.3	66.3	
1-2 AM	63	0.0	OFF	63	0	0.00	0	66.3	66.3	66.3	
2-3 AM	110	0.0	OFF	110	0	0.00	0	66.2	66.2	66.2	
3-4 AM	164	0.0	OFF	164	0	0.00	0	66.1	66.1	66.1	
4-5 AM	537	0.0	OFF	537	0	0.00	0	65.4	65.4	65.4	
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	1500	1410	0	0.91	0	63.8	44.3	32.7	
11AM-NOON	1335	0.0	1500	1335	0	0.81	0	63.9	45.9	34.6	
NOON-1PM	1299	0.0	1500	1299	0	0.76	0	64.0	46.7	35.5	
1-2 PM	1393	0.0	1500	1393	0	0.89	0	63.8	44.6	33.2	
2-3 PM	1417	0.0	1500	1417	0	0.92	0	63.7	44.2	32.6	
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	OFF	594	0	0.00	0	65.3	65.3	65.3	
8-9 PM	413	0.0	OFF	413	0	0.00	0	65.6	65.6	65.6	
9-10 PM	380	0.0	OFF	380	0	0.00	0	65.7	65.7	65.7	
10-11 PM	319	0.0	OFF	319	0	0.00	0	65.8	65.8	65.8	
11PM-MID	142	0.0	OFF	142	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

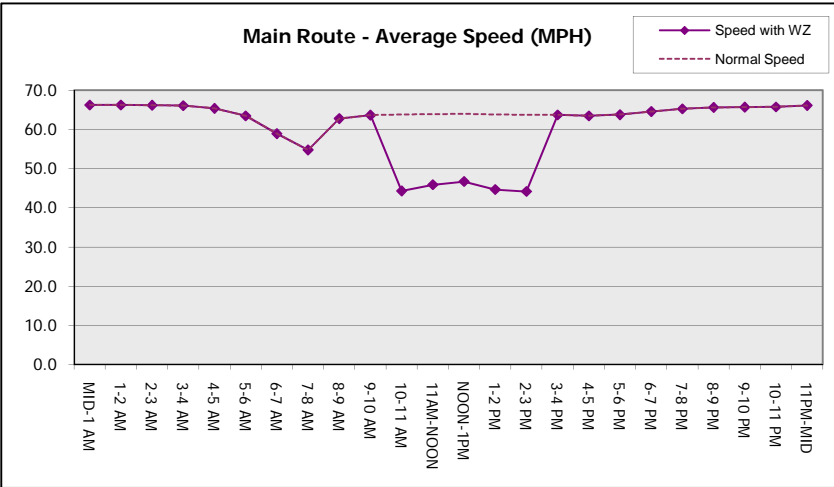
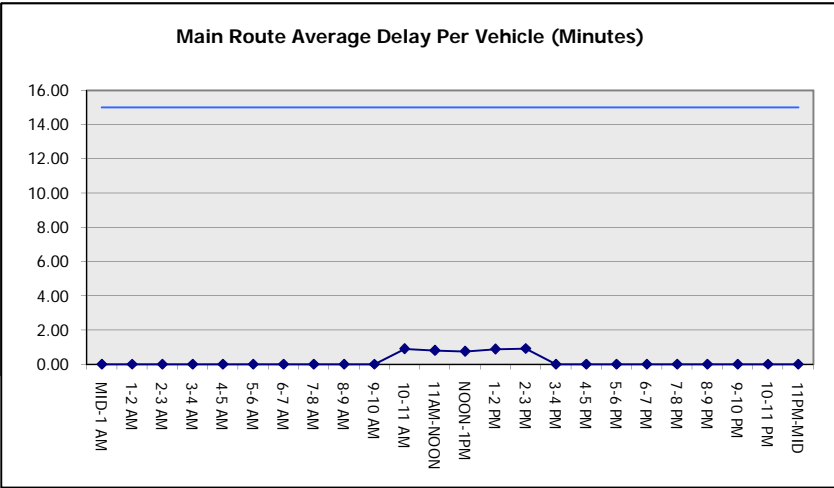
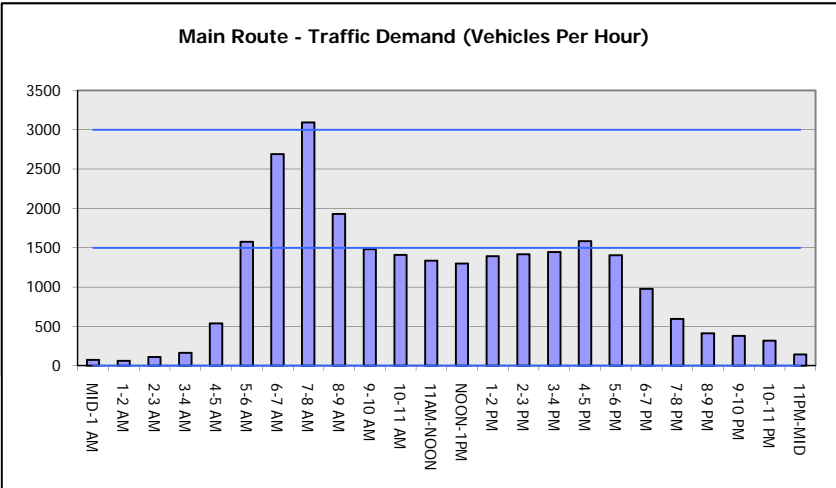
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0090
MAIN ROUTE WITH WORKS	0.0086
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,222
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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OFF-PEAK DAY 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**



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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	151	0.0	OFF	151	0	0.00	0	66.1	66.1	66.1
1-2 AM	105	0.0	OFF	105	0	0.00	0	66.2	66.2	66.2
2-3 AM	111	0.0	OFF	111	0	0.00	0	66.2	66.2	66.2
3-4 AM	141	0.0	OFF	141	0	0.00	0	66.1	66.1	66.1
4-5 AM	200	0.0	OFF	200	0	0.00	0	66.0	66.0	66.0
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	1500	1008	0	0.52	0	64.5	51.4	41.7
11AM-NOON	1114	0.0	1500	1114	0	0.53	0	64.3	51.1	41.3
NOON-1PM	1192	0.0	1500	1192	0	0.63	0	64.1	49.2	38.7
1-2 PM	1389	0.0	1499	1389	0	0.88	0	63.8	44.8	33.3
2-3 PM	1662	0.0	1499	1662	0	2.40	49	63.3	29.4	30.8
3-4 PM	2383	0.0	OFF	2383	0	0.17	8	62.0	57.3	57.3
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	OFF	1174	0	0.00	0	64.2	64.2	64.2
8-9 PM	985	0.0	OFF	985	0	0.00	0	64.5	64.5	64.5
9-10 PM	813	0.0	OFF	813	0	0.00	0	64.9	64.9	64.9
10-11 PM	487	0.0	OFF	487	0	0.00	0	65.5	65.5	65.5
11PM-MID	317	0.0	OFF	317	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	0.0083
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,551
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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MON-THUR NORTHBOUND DIRECTION**

