

<b>USH 41: CTH M TO IH 43 (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  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	135	0.0	1500	135	0	0.44	0	66.1	54.3	45.0	
1-2 AM	104	0.0	1500	104	0	0.43	0	66.2	54.4	45.1	
2-3 AM	95	0.0	1500	95	0	0.43	0	66.2	54.4	45.1	
3-4 AM	75	0.0	1500	75	0	0.43	0	66.3	54.5	45.2	
4-5 AM	140	0.0	1500	140	0	0.44	0	66.1	54.3	44.9	
5-6 AM	325	0.0	1500	325	0	0.45	0	65.8	53.7	44.2	
6-7 AM	364	0.0	1500	364	0	0.46	0	65.7	53.5	44.0	
7-8 AM	545	0.0	1500	545	0	0.48	0	65.4	52.9	43.3	
8-9 AM	1052	0.0	1499	1052	0	0.56	0	64.4	50.5	40.4	
9-10 AM	1614	0.0	1499	1614	0	1.82	30	63.4	33.8	30.9	
10-11 AM	2068	0.0	1500	1750	318	12.72+	334	62.5	10.4	30.8	
11AM-NOON	2227	0.0	1500	1509	718	16.75+	425	62.2	9.0	30.8	
NOON-1PM	2314	0.0	1500	1509	804	16.75+	426	62.1	8.9	30.8	
1-2 PM	2328	0.0	1500	1506	823	16.74+	425	62.0	9.0	30.8	
2-3 PM	2289	0.0	1500	1505	784	16.74+	425	62.1	9.0	30.8	
3-4 PM	2213	0.0	1500	1504	709	16.74+	425	62.3	9.0	30.8	
4-5 PM	2309	0.0	1500	1503	806	16.74+	425	62.1	9.0	30.8	
5-6 PM	2034	0.0	1500	1503	531	16.74+	425	62.6	9.0	30.8	
6-7 PM	1503	0.0	1500	1441	62	15.90+	402	63.6	9.2	30.8	
7-8 PM	1043	0.0	1499	1043	0	3.75	153	64.5	23.4	36.9	
8-9 PM	802	0.0	1500	802	0	0.50	0	64.9	52.1	42.4	
9-10 PM	498	0.0	1500	498	0	0.47	0	65.5	53.0	43.5	
10-11 PM	285	0.0	1500	285	0	0.45	0	65.8	53.8	44.3	
11PM-MID	99	0.0	1500	99	0	0.43	0	66.2	54.4	45.1	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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

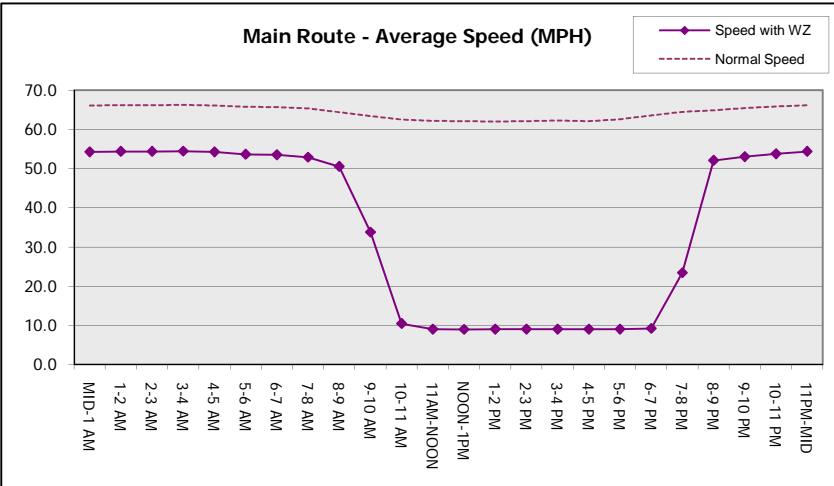
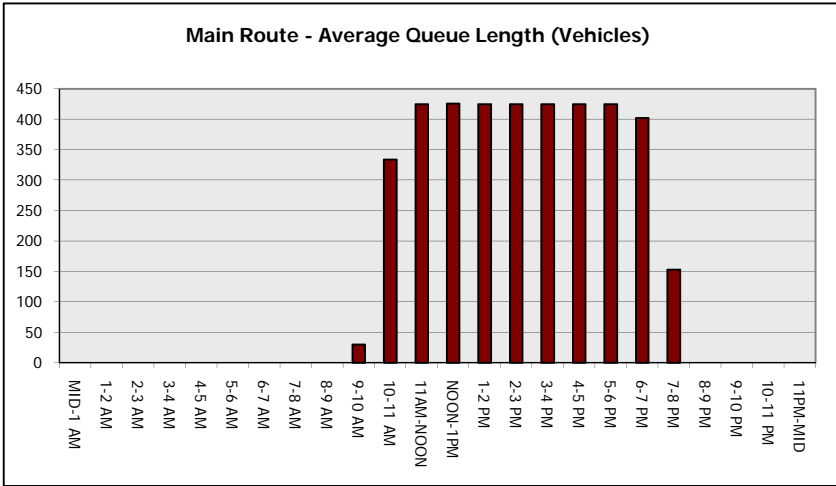
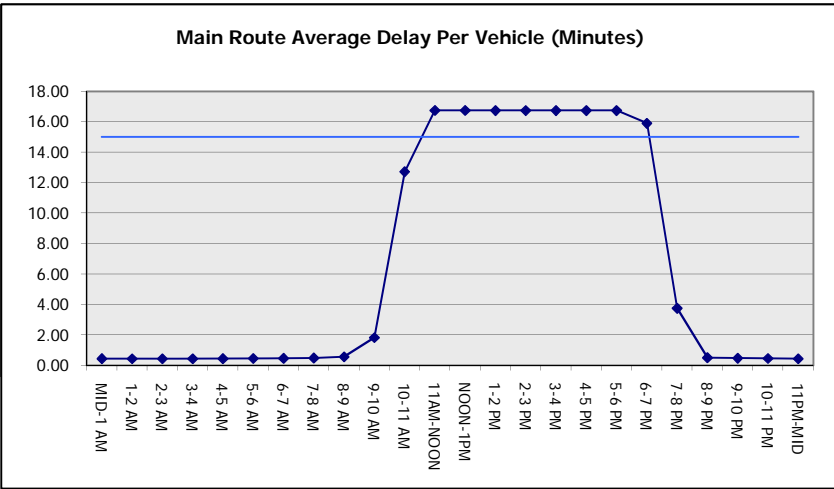
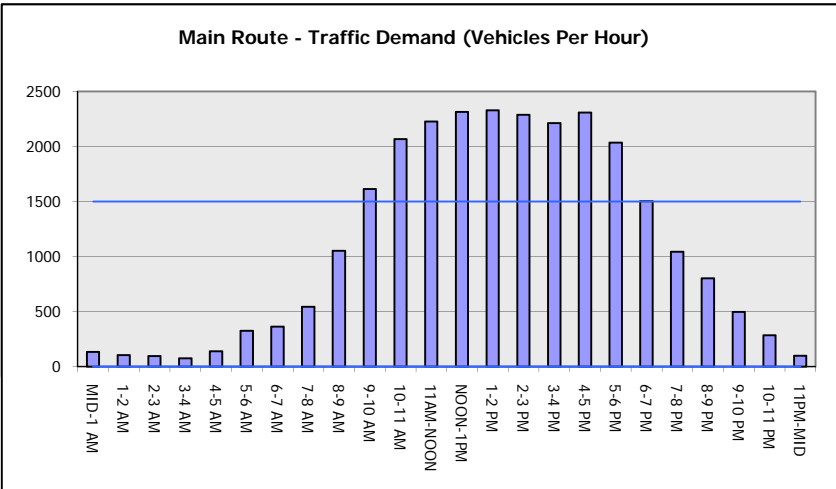
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0093
MAIN ROUTE WITH WORKS	0.0059
'DIVERSION'	0.0045
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$91,209
CONGESTED HOURS PER DAY*	9

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

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



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	Analyzed for 2009 Construction Season

**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	268	0.0	1500	268	0	0.45	0	65.9	53.8	44.4
1-2 AM	144	0.0	1500	144	0	0.44	0	66.1	54.3	44.9
2-3 AM	167	0.0	1500	167	0	0.44	0	66.1	54.2	44.8
3-4 AM	84	0.0	1500	84	0	0.43	0	66.2	54.5	45.1
4-5 AM	87	0.0	1500	87	0	0.43	0	66.2	54.5	45.1
5-6 AM	154	0.0	1500	154	0	0.44	0	66.1	54.2	44.9
6-7 AM	319	0.0	1500	319	0	0.45	0	65.8	53.7	44.2
7-8 AM	379	0.0	1500	379	0	0.46	0	65.7	53.5	44.0
8-9 AM	603	0.0	1500	603	0	0.48	0	65.3	52.7	43.1
9-10 AM	822	0.0	1500	822	0	0.50	0	64.8	52.0	42.3
10-11 AM	1153	0.0	1500	1153	0	0.58	0	64.2	50.2	40.0
11AM-NOON	1231	0.0	1499	1231	0	0.67	0	64.1	48.3	37.6
NOON-1PM	1513	0.0	1499	1513	0	1.19	5	63.6	40.4	30.9
1-2 PM	1447	0.0	1500	1447	0	1.10	3	63.7	41.6	31.7
2-3 PM	1501	0.0	1499	1501	0	1.07	1	63.6	41.9	30.9
3-4 PM	1541	0.0	1500	1541	0	1.91	24	63.5	33.1	30.8
4-5 PM	1560	0.0	1500	1560	0	4.10	84	63.5	21.4	30.8
5-6 PM	1315	0.0	1499	1315	0	1.85	38	64.0	33.7	33.8
6-7 PM	1226	0.0	1500	1226	0	0.67	0	64.1	48.3	37.6
7-8 PM	951	0.0	1500	951	0	0.51	0	64.6	51.6	41.9
8-9 PM	667	0.0	1500	667	0	0.49	0	65.1	52.5	42.8
9-10 PM	426	0.0	1500	426	0	0.46	0	65.6	53.3	43.8
10-11 PM	310	0.0	1500	310	0	0.45	0	65.8	53.7	44.2
11PM-MID	187	0.0	1500	187	0	0.44	0	66.0	54.1	44.7

*----- 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	0.0063
MAIN ROUTE WITH WORKS	0.0051
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$6,149
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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