

<b>USH 41: CTH B TO CTH M (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	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	1499	1337	0	0.81	0	63.9	50.0	34.7	
10-11 AM	1714	0.0	1499	1714	0	3.83	91	63.2	27.4	30.8	
11AM-NOON	1845	0.0	1500	1661	185	13.70+	350	63.0	11.5	30.8	
NOON-1PM	1918	0.0	1500	1502	416	16.10+	407	62.8	10.4	30.8	
1-2 PM	1929	0.0	1500	1502	427	16.10+	407	62.8	10.4	30.8	
2-3 PM	1896	0.0	1500	1501	394	16.10+	407	62.8	10.4	30.8	
3-4 PM	1834	0.0	1500	1501	333	16.11+	407	63.0	10.4	30.8	
4-5 PM	1913	0.0	1500	1501	412	16.10+	407	62.8	10.4	30.8	
5-6 PM	1686	0.0	1500	1525	161	16.00+	404	63.2	10.4	30.8	
6-7 PM	1245	0.0	1499	1245	0	11.78+	304	64.1	12.9	31.5	
7-8 PM	865	0.0	1500	865	0	0.95	20	64.8	48.7	42.0	
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	

+ 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

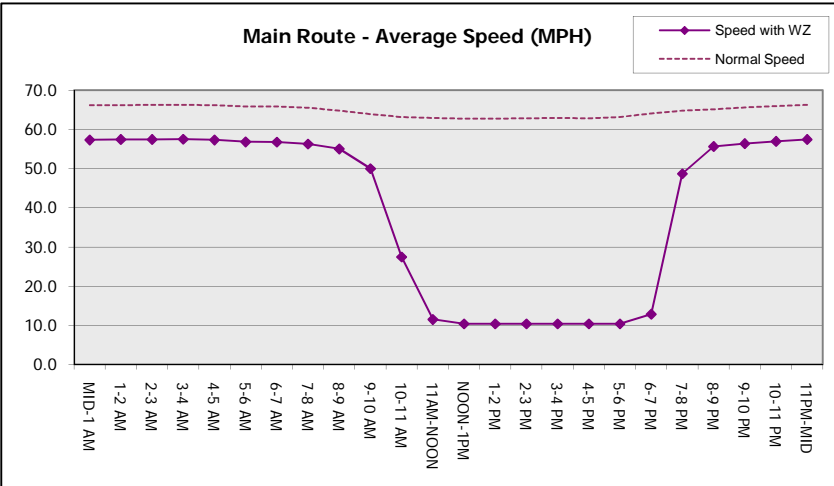
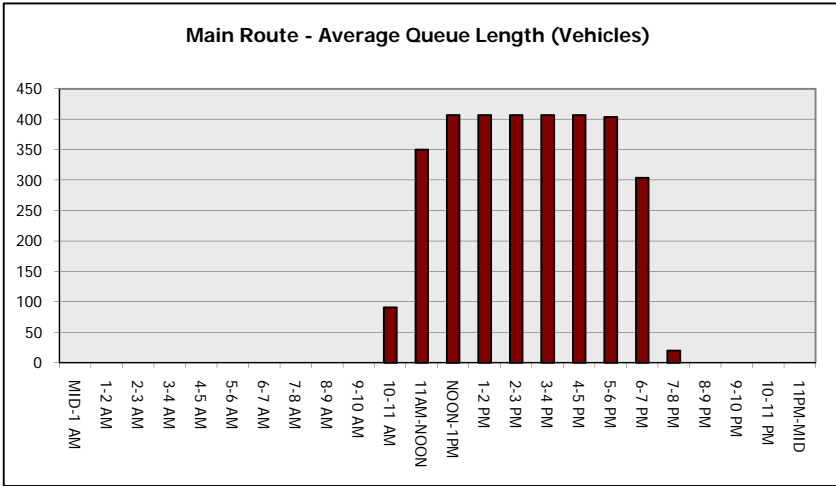
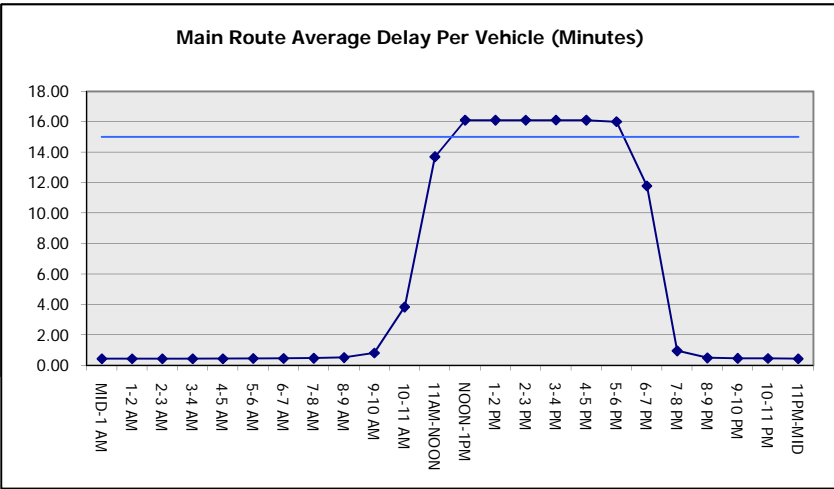
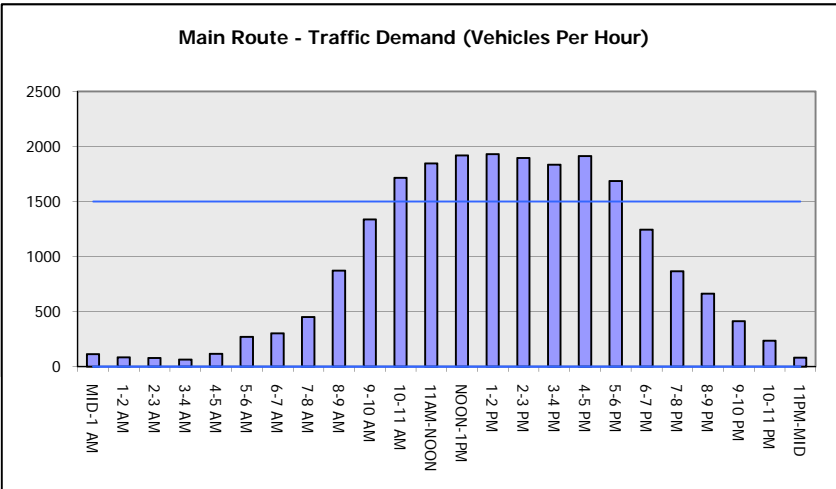
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0108
MAIN ROUTE WITH WORKS	0.0084
'DIVERSION'	0.0027
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$64,697
CONGESTED HOURS PER DAY*	8

\*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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**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	1500	681	0	0.49	0	65.1	55.6	42.8
10-11 AM	955	0.0	1500	955	0	0.51	0	64.6	54.8	41.9
11AM-NOON	1020	0.0	1500	1020	0	0.52	0	64.5	54.6	41.6
NOON-1PM	1254	0.0	1500	1254	0	0.71	0	64.0	51.5	36.8
1-2 PM	1199	0.0	1500	1199	0	0.64	0	64.1	52.6	38.5
2-3 PM	1243	0.0	1500	1243	0	0.69	0	64.1	51.7	37.1
3-4 PM	1277	0.0	1500	1277	0	0.74	0	64.0	51.0	36.1
4-5 PM	1293	0.0	1500	1293	0	0.76	0	64.0	50.7	35.7
5-6 PM	1090	0.0	1500	1090	0	0.53	0	64.3	54.4	41.4
6-7 PM	1016	0.0	1500	1016	0	0.52	0	64.5	54.6	41.6
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

*----- 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	0.0064
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,455
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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