

<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**

SATURDAY 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	98	0.0	1500	98	0	0.43	0	66.2	57.4	45.1
1-2 AM	76	0.0	1500	76	0	0.43	0	66.3	57.4	45.2
2-3 AM	78	0.0	1500	78	0	0.43	0	66.3	57.4	45.2
3-4 AM	69	0.0	1500	69	0	0.43	0	66.3	57.4	45.2
4-5 AM	177	0.0	1500	177	0	0.44	0	66.1	57.1	44.8
5-6 AM	346	0.0	1500	346	0	0.46	0	65.8	56.6	44.1
6-7 AM	529	0.0	1500	529	0	0.47	0	65.4	56.1	43.4
7-8 AM	899	0.0	1500	899	0	0.51	0	64.7	55.0	42.0
8-9 AM	1198	0.0	1500	1198	0	0.63	0	64.1	52.7	38.5
9-10 AM	1425	0.0	1499	1425	0	0.93	0	63.7	48.4	32.4
10-11 AM	1521	0.0	1499	1521	0	1.44	11	63.5	42.5	30.8
11AM-NOON	1396	0.0	1500	1396	0	1.00	3	63.8	47.5	33.0
NOON-1PM	1289	0.0	1500	1289	0	0.75	0	64.0	50.9	35.8
1-2 PM	1152	0.0	1500	1152	0	0.57	0	64.2	53.6	40.1
2-3 PM	1281	0.0	1500	1281	0	0.74	0	64.0	51.0	36.0
3-4 PM	1162	0.0	1500	1162	0	0.59	0	64.2	53.4	39.7
4-5 PM	1249	0.0	1500	1249	0	0.70	0	64.1	51.6	36.9
5-6 PM	1173	0.0	1500	1173	0	0.60	0	64.2	53.2	39.3
6-7 PM	894	0.0	1500	894	0	0.51	0	64.7	55.0	42.0
7-8 PM	724	0.0	1500	724	0	0.49	0	65.0	55.5	42.7
8-9 PM	604	0.0	1500	604	0	0.48	0	65.3	55.8	43.1
9-10 PM	452	0.0	1500	452	0	0.47	0	65.5	56.3	43.7
10-11 PM	336	0.0	1500	336	0	0.46	0	65.8	56.6	44.2
11PM-MID	187	0.0	1500	187	0	0.44	0	66.0	57.1	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	0.0090
MAIN ROUTE WITH WORKS	0.0078
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

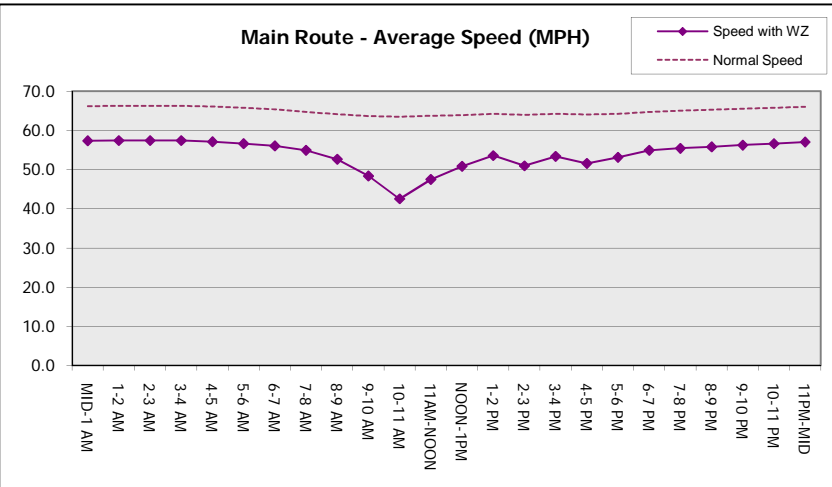
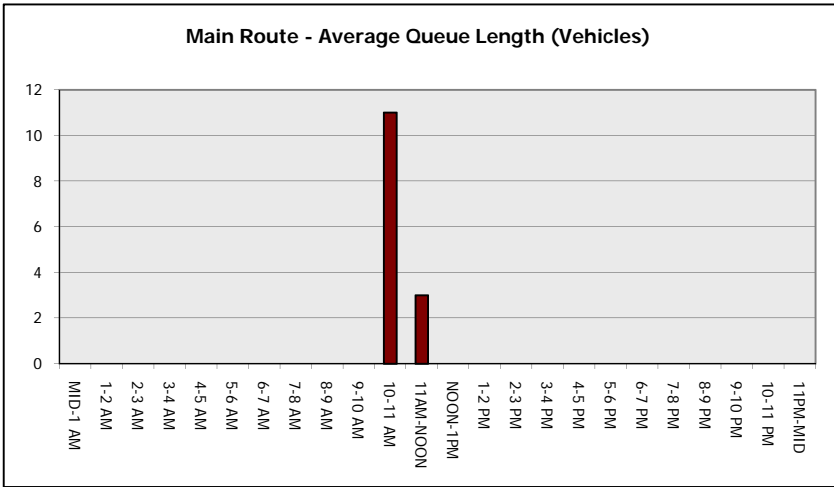
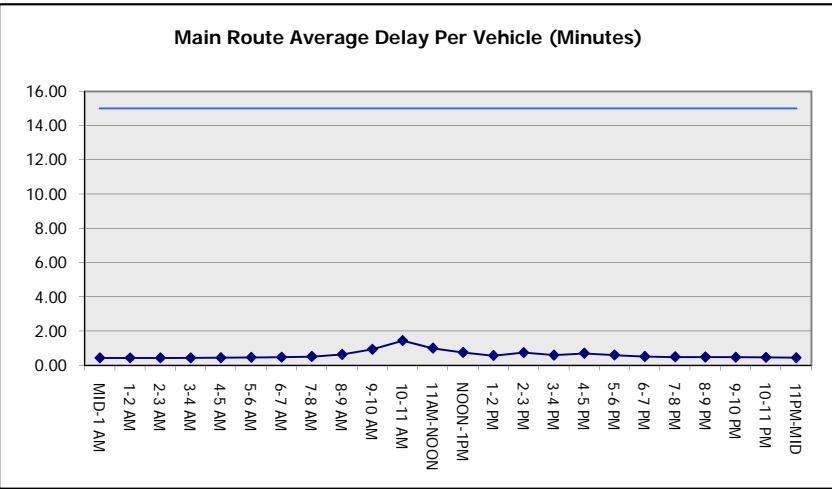
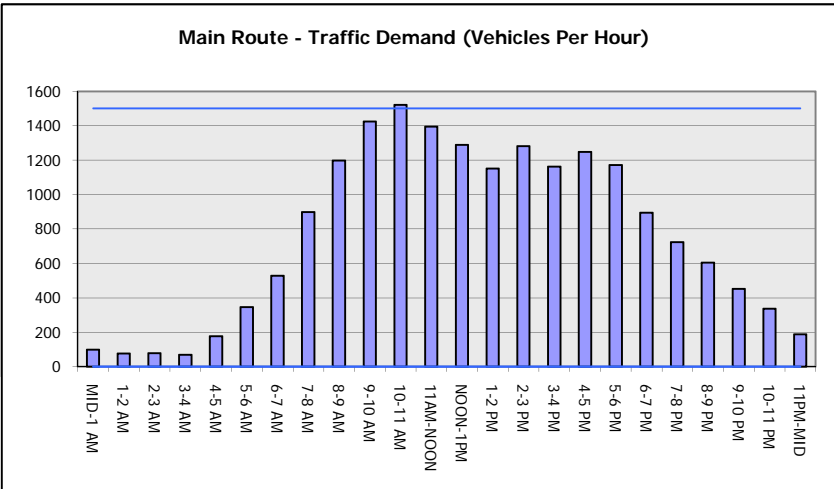
ROAD USER COSTS PER DAY	\$3,418
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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Construction Season

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



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	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SATURDAY 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	269	0.0	1500	269	0	0.45	0	65.9	56.8	44.4
1-2 AM	180	0.0	1500	180	0	0.44	0	66.1	57.1	44.8
2-3 AM	122	0.0	1500	122	0	0.43	0	66.1	57.3	45.0
3-4 AM	110	0.0	1500	110	0	0.43	0	66.2	57.3	45.0
4-5 AM	141	0.0	1500	141	0	0.44	0	66.1	57.3	44.9
5-6 AM	241	0.0	1500	241	0	0.45	0	66.0	56.9	44.5
6-7 AM	461	0.0	1500	461	0	0.47	0	65.5	56.3	43.7
7-8 AM	683	0.0	1500	683	0	0.49	0	65.1	55.6	42.8
8-9 AM	893	0.0	1500	893	0	0.51	0	64.7	55.0	42.0
9-10 AM	1114	0.0	1500	1114	0	0.53	0	64.3	54.3	41.3
10-11 AM	1209	0.0	1500	1209	0	0.65	0	64.1	52.4	38.1
11AM-NOON	1380	0.0	1500	1380	0	0.87	0	63.8	49.1	33.5
NOON-1PM	1471	0.0	1500	1471	0	0.99	0	63.7	47.6	31.4
1-2 PM	1391	0.0	1500	1391	0	0.88	0	63.8	48.9	33.2
2-3 PM	1420	0.0	1500	1420	0	0.92	0	63.7	48.4	32.5
3-4 PM	1457	0.0	1500	1457	0	0.97	0	63.7	47.8	31.7
4-5 PM	1302	0.0	1500	1302	0	0.77	0	64.0	50.6	35.5
5-6 PM	1064	0.0	1500	1064	0	0.53	0	64.4	54.5	41.5
6-7 PM	1081	0.0	1500	1081	0	0.53	0	64.4	54.5	41.4
7-8 PM	774	0.0	1500	774	0	0.50	0	65.0	55.3	42.5
8-9 PM	748	0.0	1500	748	0	0.49	0	65.0	55.4	42.6
9-10 PM	617	0.0	1500	617	0	0.48	0	65.3	55.8	43.0
10-11 PM	479	0.0	1500	479	0	0.47	0	65.5	56.2	43.6
11PM-MID	349	0.0	1500	349	0	0.46	0	65.8	56.6	44.1

*----- 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	0.0094
MAIN ROUTE WITH WORKS	0.0081
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,391
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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