

USH 41: CTH B TO CTH M (BROWN COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	67	0.0	OFF	67	0	0.00	0	66.3	66.3	66.3	
1-2 AM	54	0.0	OFF	54	0	0.00	0	66.3	66.3	66.3	
2-3 AM	91	0.0	OFF	91	0	0.00	0	66.2	66.2	66.2	
3-4 AM	122	0.0	OFF	122	0	0.00	0	66.1	66.1	66.1	
4-5 AM	458	0.0	OFF	458	0	0.00	0	65.5	65.5	65.5	
5-6 AM	1309	0.0	OFF	1309	0	0.00	0	64.0	64.0	64.0	
6-7 AM	2283	0.0	OFF	2283	0	0.00	0	62.2	62.2	62.2	
7-8 AM	2528	0.0	OFF	2528	0	0.00	0	60.6	60.6	60.6	
8-9 AM	1547	0.0	OFF	1547	0	0.00	0	63.5	63.5	63.5	
9-10 AM	1192	0.0	OFF	1192	0	0.00	0	64.1	64.1	64.1	
10-11 AM	1099	0.0	1500	1099	0	0.53	0	64.3	54.4	41.4	
11AM-NOON	1007	0.0	1500	1007	0	0.52	0	64.5	54.6	41.7	
NOON-1PM	1017	0.0	1500	1017	0	0.52	0	64.5	54.6	41.6	
1-2 PM	1070	0.0	1500	1070	0	0.53	0	64.4	54.5	41.4	
2-3 PM	1086	0.0	1500	1086	0	0.53	0	64.3	54.4	41.4	
3-4 PM	1170	0.0	OFF	1170	0	0.00	0	64.2	64.2	64.2	
4-5 PM	1317	0.0	OFF	1317	0	0.00	0	63.9	63.9	63.9	
5-6 PM	1148	0.0	OFF	1148	0	0.00	0	64.3	64.3	64.3	
6-7 PM	788	0.0	OFF	788	0	0.00	0	64.9	64.9	64.9	
7-8 PM	515	0.0	OFF	515	0	0.00	0	65.5	65.5	65.5	
8-9 PM	424	0.0	OFF	424	0	0.00	0	65.6	65.6	65.6	
9-10 PM	344	0.0	OFF	344	0	0.00	0	65.8	65.8	65.8	
10-11 PM	236	0.0	OFF	236	0	0.00	0	66.0	66.0	66.0	
11PM-MID	120	0.0	OFF	120	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	0.0104
MAIN ROUTE WITH WORKS	0.0100
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$586
CONGESTED HOURS PER DAY*	0

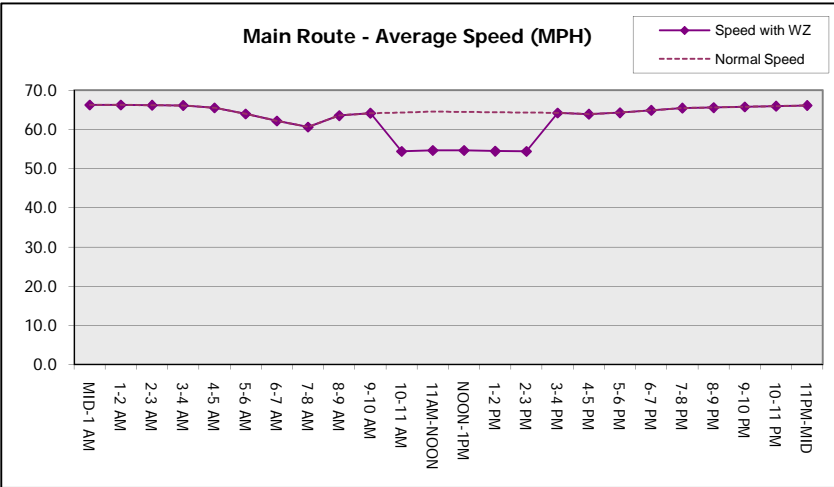
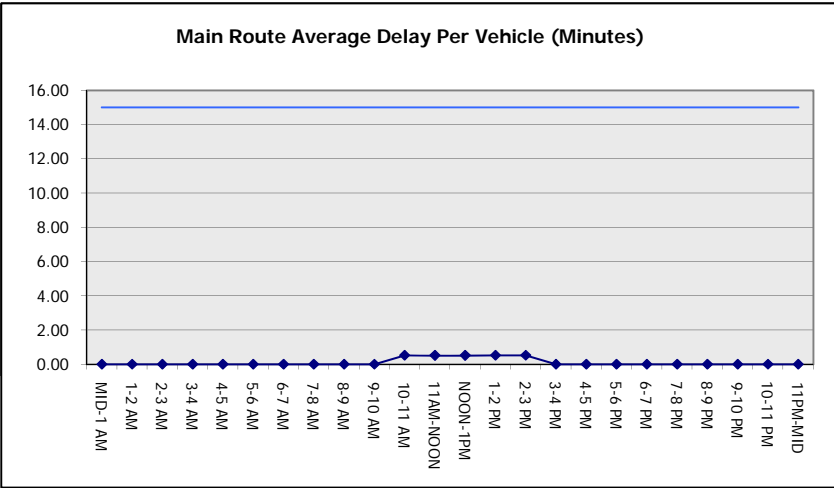
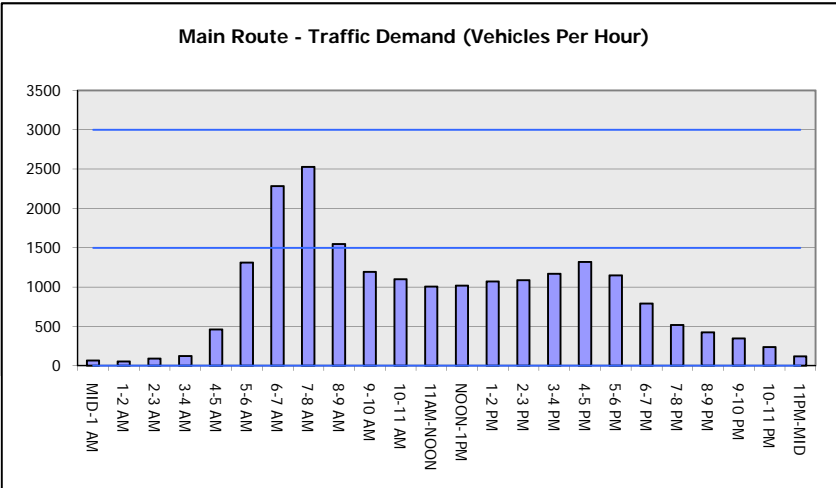
*Delays Exceeding User-Specified Maximum

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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	127	0.0	OFF	127	0	0.00	0	66.1	66.1	66.1
1-2 AM	77	0.0	OFF	77	0	0.00	0	66.3	66.3	66.3
2-3 AM	78	0.0	OFF	78	0	0.00	0	66.3	66.3	66.3
3-4 AM	110	0.0	OFF	110	0	0.00	0	66.2	66.2	66.2
4-5 AM	157	0.0	OFF	157	0	0.00	0	66.1	66.1	66.1
5-6 AM	306	0.0	OFF	306	0	0.00	0	65.8	65.8	65.8
6-7 AM	715	0.0	OFF	715	0	0.00	0	65.1	65.1	65.1
7-8 AM	829	0.0	OFF	829	0	0.00	0	64.8	64.8	64.8
8-9 AM	774	0.0	OFF	774	0	0.00	0	65.0	65.0	65.0
9-10 AM	729	0.0	OFF	729	0	0.00	0	65.0	65.0	65.0
10-11 AM	812	0.0	1500	812	0	0.50	0	64.9	55.2	42.4
11AM-NOON	837	0.0	1500	837	0	0.50	0	64.8	55.1	42.2
NOON-1PM	987	0.0	1500	987	0	0.52	0	64.5	54.7	41.7
1-2 PM	1100	0.0	1500	1100	0	0.53	0	64.3	54.4	41.4
2-3 PM	1377	0.0	1499	1377	0	0.86	0	63.8	49.2	33.7
3-4 PM	1954	0.0	OFF	1954	0	0.00	0	62.7	62.7	62.7
4-5 PM	2459	0.0	OFF	2459	0	0.00	0	61.3	61.3	61.3
5-6 PM	2322	0.0	OFF	2322	0	0.00	0	62.0	62.0	62.0
6-7 PM	1505	0.0	OFF	1505	0	0.00	0	63.6	63.6	63.6
7-8 PM	1044	0.0	OFF	1044	0	0.00	0	64.5	64.5	64.5
8-9 PM	836	0.0	OFF	836	0	0.00	0	64.8	64.8	64.8
9-10 PM	670	0.0	OFF	670	0	0.00	0	65.1	65.1	65.1
10-11 PM	387	0.0	OFF	387	0	0.00	0	65.6	65.6	65.6
11PM-MID	279	0.0	OFF	279	0	0.00	0	65.9	65.9	65.9

"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	0.0101
MAIN ROUTE WITH WORKS	0.0098
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$655
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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