

<b>USH 41: CTH G TO CTH F (BROWN COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>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	350	0.0	OFF	350	0	0.00	0	65.8	65.8	65.8	
1-2 AM	240	0.0	OFF	240	0	0.00	0	66.0	66.0	66.0	
2-3 AM	227	0.0	OFF	227	0	0.00	0	66.0	66.0	66.0	
3-4 AM	155	0.0	OFF	155	0	0.00	0	66.1	66.1	66.1	
4-5 AM	128	0.0	OFF	128	0	0.00	0	66.1	66.1	66.1	
5-6 AM	170	0.0	OFF	170	0	0.00	0	66.1	66.1	66.1	
6-7 AM	307	0.0	OFF	307	0	0.00	0	65.8	65.8	65.8	
7-8 AM	435	0.0	OFF	435	0	0.00	0	65.6	65.6	65.6	
8-9 AM	675	0.0	OFF	675	0	0.00	0	65.1	65.1	65.1	
9-10 AM	1120	0.0	1499	1120	0	0.59	0	64.3	48.3	39.7	
10-11 AM	1501	0.0	1499	1501	0	1.26	8	63.6	37.4	31.5	
11AM-NOON	1670	0.0	1500	1670	0	4.78	111	63.3	17.5	30.8	
NOON-1PM	1756	0.0	1500	1756	0	12.99+	330	63.1	9.7	30.8	
1-2 PM	1722	0.0	1499	1483	239	16.91+	429	63.2	8.6	30.8	
2-3 PM	1706	0.0	1499	1498	208	16.95+	430	63.2	8.6	30.8	
3-4 PM	1767	0.0	1499	1498	269	16.96+	430	63.1	8.6	30.8	
4-5 PM	1801	0.0	1499	1498	303	16.96+	430	63.0	8.6	30.8	
5-6 PM	1581	0.0	1499	1490	91	16.92+	428	63.5	8.6	30.8	
6-7 PM	1373	0.0	1499	1373	0	15.04+	379	63.8	9.1	30.8	
7-8 PM	1108	0.0	OFF	1108	0	0.25	15	64.3	56.3	56.3	
8-9 PM	856	0.0	OFF	856	0	0.00	0	64.8	64.8	64.8	
9-10 PM	647	0.0	OFF	647	0	0.00	0	65.2	65.2	65.2	
10-11 PM	465	0.0	OFF	465	0	0.00	0	65.5	65.5	65.5	
11PM-MID	315	0.0	OFF	315	0	0.00	0	65.8	65.8	65.8	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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

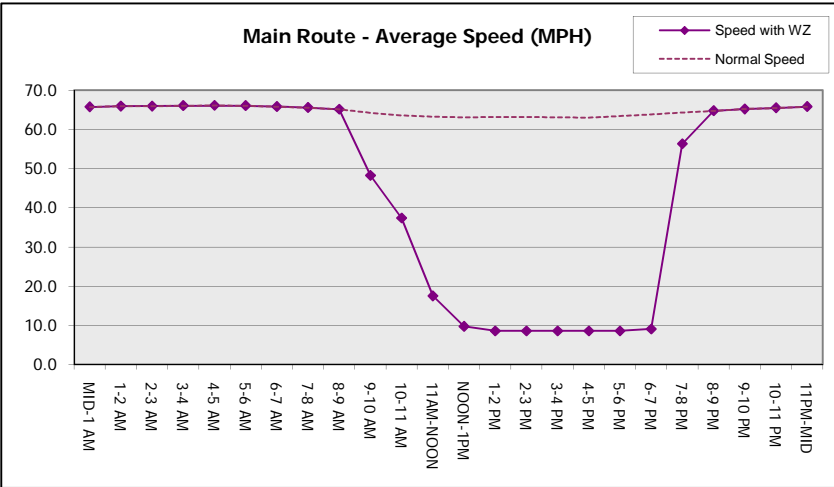
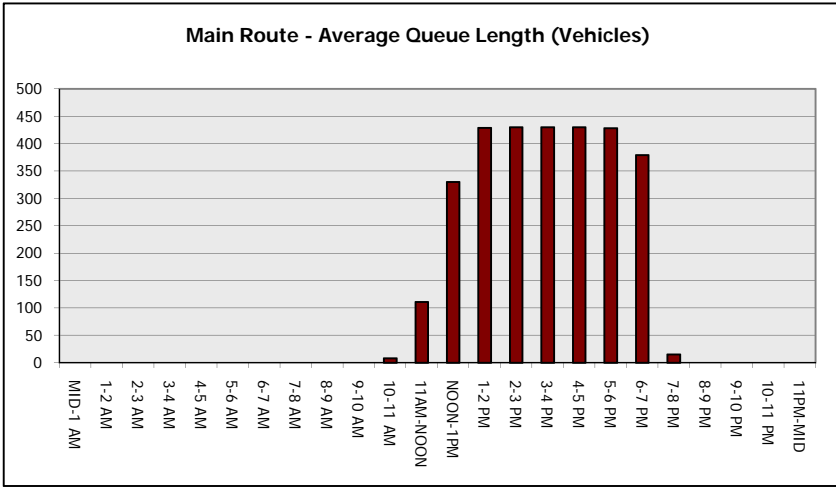
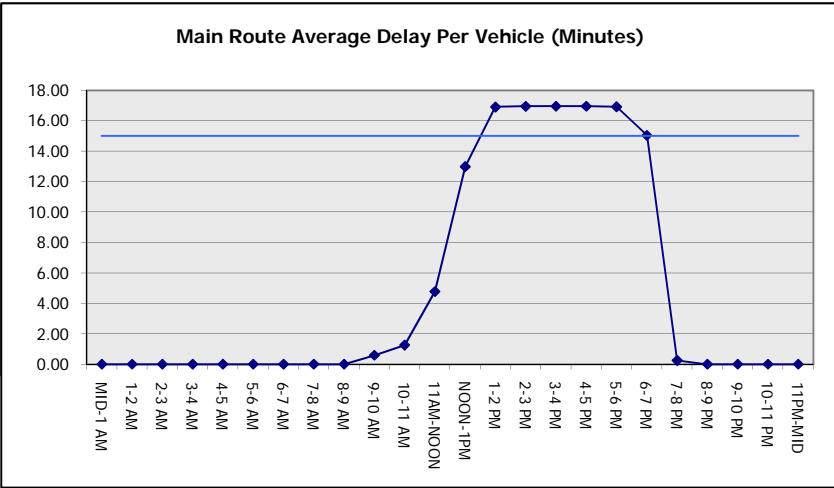
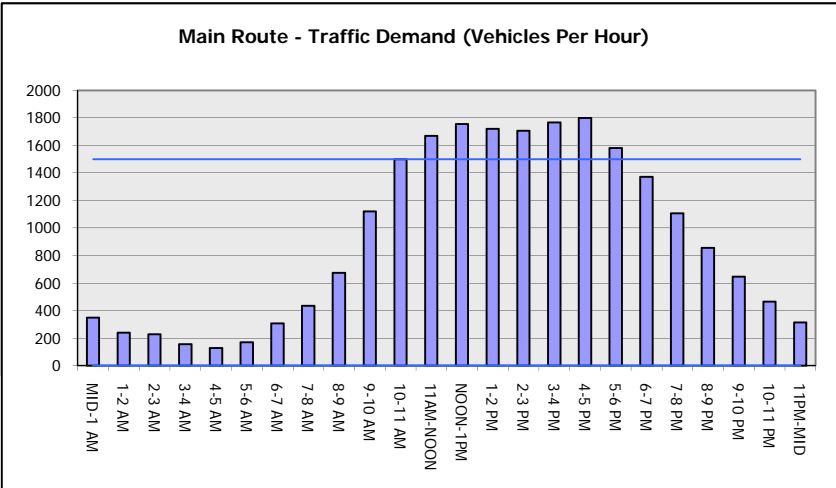
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0067
MAIN ROUTE WITH WORKS	0.0054
'DIVERSION'	0.0008
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$55,413
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

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OFF-PEAK DAY CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**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	303	0.0	OFF	303	0	0.00	0	65.8	65.8	65.8
1-2 AM	187	0.0	OFF	187	0	0.00	0	66.0	66.0	66.0
2-3 AM	196	0.0	OFF	196	0	0.00	0	66.0	66.0	66.0
3-4 AM	124	0.0	OFF	124	0	0.00	0	66.1	66.1	66.1
4-5 AM	110	0.0	OFF	110	0	0.00	0	66.2	66.2	66.2
5-6 AM	261	0.0	OFF	261	0	0.00	0	65.9	65.9	65.9
6-7 AM	400	0.0	OFF	400	0	0.00	0	65.6	65.6	65.6
7-8 AM	518	0.0	OFF	518	0	0.00	0	65.4	65.4	65.4
8-9 AM	730	0.0	OFF	730	0	0.00	0	65.0	65.0	65.0
9-10 AM	1008	0.0	1500	1008	0	0.52	0	64.5	49.9	41.7
10-11 AM	1258	0.0	1500	1258	0	0.71	0	64.0	45.8	36.7
11AM-NOON	1422	0.0	1499	1422	0	0.92	0	63.7	42.0	32.5
NOON-1PM	1545	0.0	1499	1545	0	1.81	22	63.5	31.7	30.8
1-2 PM	1425	0.0	1499	1425	0	1.45	15	63.7	35.1	31.9
2-3 PM	1437	0.0	1500	1437	0	0.94	0	63.7	41.7	32.1
3-4 PM	1378	0.0	1499	1378	0	0.87	0	63.8	43.0	33.5
4-5 PM	1491	0.0	1499	1491	0	1.03	0	63.6	40.4	31.0
5-6 PM	1275	0.0	1500	1275	0	0.73	0	64.0	45.3	36.2
6-7 PM	1143	0.0	1500	1143	0	0.56	0	64.3	48.8	40.4
7-8 PM	986	0.0	OFF	986	0	0.00	0	64.5	64.5	64.5
8-9 PM	803	0.0	OFF	803	0	0.00	0	64.9	64.9	64.9
9-10 PM	611	0.0	OFF	611	0	0.00	0	65.3	65.3	65.3
10-11 PM	424	0.0	OFF	424	0	0.00	0	65.6	65.6	65.6
11PM-MID	242	0.0	OFF	242	0	0.00	0	66.0	66.0	66.0

"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	0.0058
MAIN ROUTE WITH WORKS	0.0049
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,677
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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