

<b>USH 41: CTH AAA TO CTH G (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	210	0.0	1500	210	0	0.44	0	66.0	48.0	44.6	
1-2 AM	171	0.0	1500	171	0	0.44	0	66.1	48.1	44.8	
2-3 AM	155	0.0	1500	155	0	0.44	0	66.1	48.2	44.8	
3-4 AM	184	0.0	1500	184	0	0.44	0	66.0	48.1	44.8	
4-5 AM	422	0.0	1500	422	0	0.46	0	65.6	47.2	43.8	
5-6 AM	1245	0.0	OFF	1245	0	0.00	0	64.1	64.1	64.1	
6-7 AM	2545	0.0	OFF	2545	0	0.00	0	60.4	60.4	60.4	
7-8 AM	3148	0.0	OFF	3148	0	0.00	0	54.3	54.3	54.3	
8-9 AM	1951	0.0	OFF	1951	0	0.00	0	62.7	62.7	62.7	
9-10 AM	1675	0.0	OFF	1675	0	0.00	0	63.3	63.3	63.3	
10-11 AM	1692	0.0	OFF	1692	0	0.00	0	63.2	63.2	63.2	
11AM-NOON	1857	0.0	OFF	1857	0	0.00	0	62.9	62.9	62.9	
NOON-1PM	2005	0.0	OFF	2005	0	0.00	0	62.7	62.7	62.7	
1-2 PM	2075	0.0	OFF	2075	0	0.00	0	62.5	62.5	62.5	
2-3 PM	2193	0.0	OFF	2193	0	0.00	0	62.3	62.3	62.3	
3-4 PM	2623	0.0	OFF	2623	0	0.00	0	59.6	59.6	59.6	
4-5 PM	3274	0.0	OFF	3274	0	0.00	0	53.0	53.0	53.0	
5-6 PM	2898	0.0	OFF	2898	0	0.00	0	56.8	56.8	56.8	
6-7 PM	1697	0.0	OFF	1697	0	0.00	0	63.2	63.2	63.2	
7-8 PM	1197	0.0	1500	1197	0	0.63	0	64.1	42.2	38.6	
8-9 PM	1090	0.0	1500	1090	0	0.53	0	64.3	44.8	41.4	
9-10 PM	882	0.0	1500	882	0	0.51	0	64.8	45.5	42.1	
10-11 PM	592	0.0	1500	592	0	0.48	0	65.3	46.6	43.2	
11PM-MID	374	0.0	1500	374	0	0.46	0	65.7	47.4	44.0	

**"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

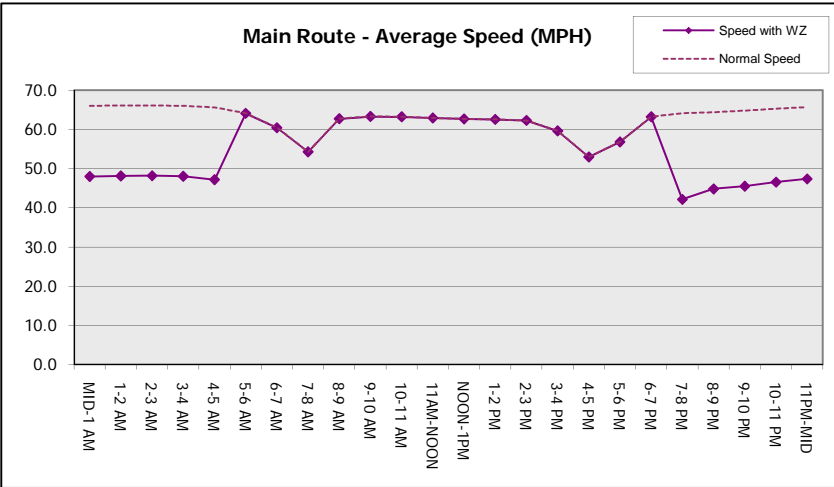
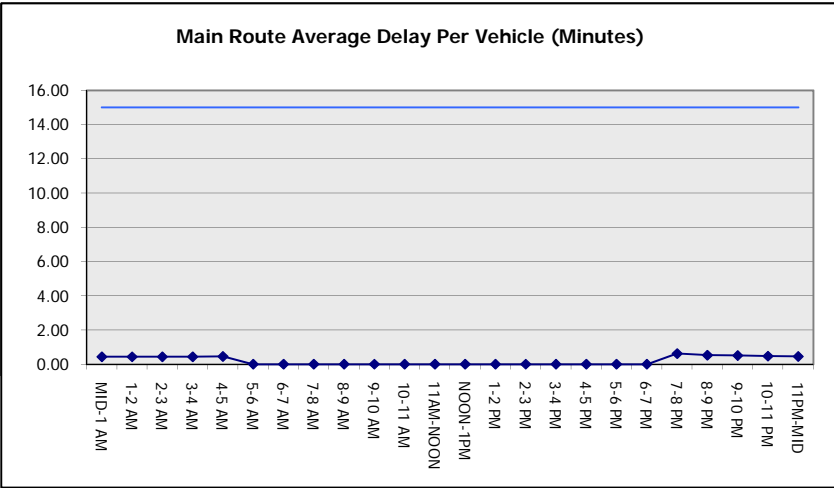
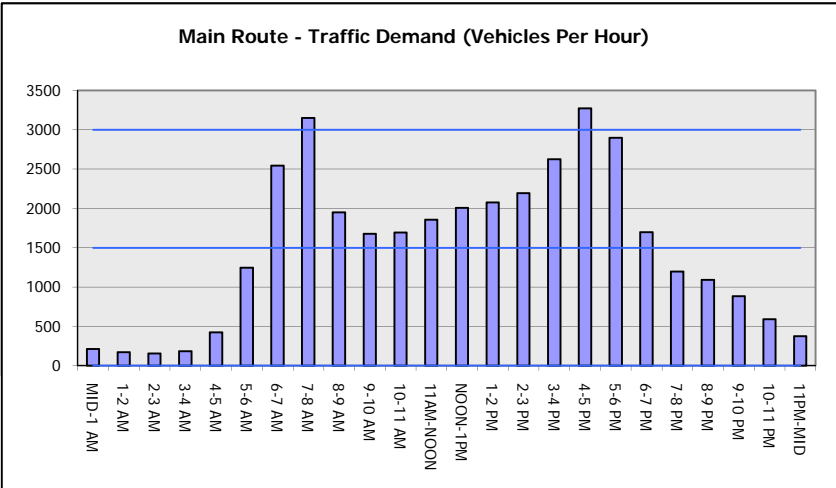
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0071
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$575
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
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**MAY**  
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Construction Season

**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	179	0.0	1500	179	0	0.44	0	66.1	48.1	44.8
1-2 AM	129	0.0	1500	129	0	0.43	0	66.1	48.3	45.0
2-3 AM	137	0.0	1500	137	0	0.44	0	66.1	48.3	45.0
3-4 AM	144	0.0	1500	144	0	0.44	0	66.1	48.3	44.9
4-5 AM	278	0.0	1500	278	0	0.45	0	65.9	47.8	44.4
5-6 AM	790	0.0	OFF	790	0	0.00	0	64.9	64.9	64.9
6-7 AM	1970	0.0	OFF	1970	0	0.00	0	62.7	62.7	62.7
7-8 AM	3248	0.0	OFF	3248	0	0.00	0	53.2	53.2	53.2
8-9 AM	2209	0.0	OFF	2209	0	0.00	0	62.3	62.3	62.3
9-10 AM	1777	0.0	OFF	1777	0	0.00	0	63.1	63.1	63.1
10-11 AM	1707	0.0	OFF	1707	0	0.00	0	63.2	63.2	63.2
11AM-NOON	1864	0.0	OFF	1864	0	0.00	0	62.9	62.9	62.9
NOON-1PM	1903	0.0	OFF	1903	0	0.00	0	62.8	62.8	62.8
1-2 PM	1936	0.0	OFF	1936	0	0.00	0	62.8	62.8	62.8
2-3 PM	2209	0.0	OFF	2209	0	0.00	0	62.3	62.3	62.3
3-4 PM	2723	0.0	OFF	2723	0	0.00	0	58.6	58.6	58.6
4-5 PM	3404	0.0	OFF	3404	0	0.00	0	51.6	51.6	51.6
5-6 PM	3060	0.0	OFF	3060	0	0.00	0	55.1	55.1	55.1
6-7 PM	1784	0.0	OFF	1784	0	0.00	0	63.0	63.0	63.0
7-8 PM	1195	0.0	1500	1195	0	0.63	0	64.1	42.2	38.6
8-9 PM	1004	0.0	1500	1004	0	0.52	0	64.5	45.1	41.7
9-10 PM	814	0.0	1500	814	0	0.50	0	64.9	45.8	42.4
10-11 PM	643	0.0	1500	643	0	0.48	0	65.2	46.4	43.0
11PM-MID	355	0.0	1500	355	0	0.46	0	65.7	47.4	44.1

"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	0.0073
MAIN ROUTE WITH WORKS	0.0070
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$530
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

