

<b>USH 41: CTH AAA TO CTH G (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY      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	322	0.0	1500	322	0	0.45	0	65.8	47.6	44.2	
1-2 AM	230	0.0	1500	230	0	0.44	0	66.0	47.9	44.6	
2-3 AM	202	0.0	1500	202	0	0.44	0	66.0	48.0	44.6	
3-4 AM	210	0.0	1500	210	0	0.44	0	66.0	48.0	44.6	
4-5 AM	455	0.0	1500	455	0	0.47	0	65.5	47.1	43.7	
5-6 AM	1180	0.0	OFF	1180	0	0.00	0	64.2	64.2	64.2	
6-7 AM	2280	0.0	OFF	2280	0	0.00	0	62.2	62.2	62.2	
7-8 AM	2908	0.0	OFF	2908	0	0.00	0	56.7	56.7	56.7	
8-9 AM	2020	0.0	OFF	2020	0	0.00	0	62.6	62.6	62.6	
9-10 AM	1935	0.0	OFF	1935	0	0.00	0	62.8	62.8	62.8	
10-11 AM	2099	0.0	OFF	2099	0	0.00	0	62.5	62.5	62.5	
11AM-NOON	2308	0.0	OFF	2308	0	0.00	0	62.1	62.1	62.1	
NOON-1PM	2508	0.0	OFF	2508	0	0.00	0	60.8	60.8	60.8	
1-2 PM	2596	0.0	OFF	2596	0	0.00	0	59.9	59.9	59.9	
2-3 PM	2727	0.0	OFF	2727	0	0.00	0	58.6	58.6	58.6	
3-4 PM	2908	0.0	OFF	2908	0	0.00	0	56.7	56.7	56.7	
4-5 PM	3233	0.0	OFF	3233	0	0.00	0	53.4	53.4	53.4	
5-6 PM	2830	0.0	OFF	2830	0	0.00	0	57.5	57.5	57.5	
6-7 PM	1879	0.0	OFF	1879	0	0.00	0	62.9	62.9	62.9	
7-8 PM	1352	0.0	1500	1352	0	0.83	0	63.8	37.9	34.2	
8-9 PM	1144	0.0	1500	1144	0	0.56	0	64.3	43.8	40.3	
9-10 PM	1010	0.0	1500	1010	0	0.52	0	64.5	45.1	41.7	
10-11 PM	864	0.0	1500	864	0	0.51	0	64.8	45.6	42.2	
11PM-MID	630	0.0	1500	630	0	0.48	0	65.2	46.4	43.0	

**"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

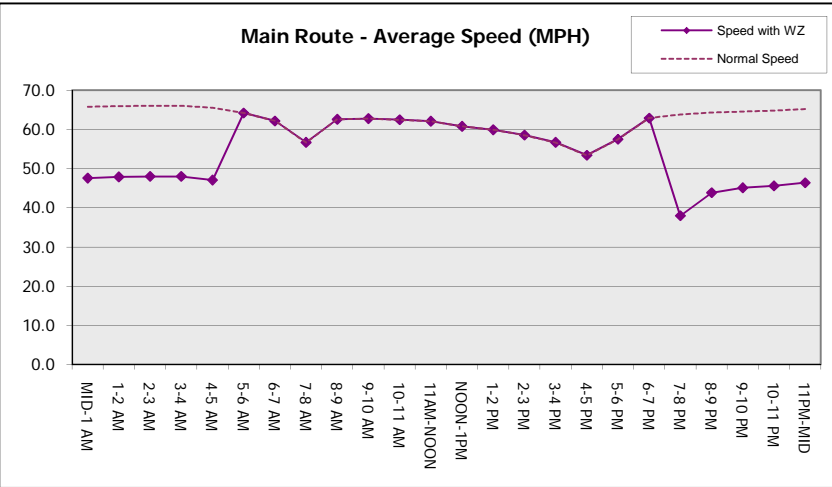
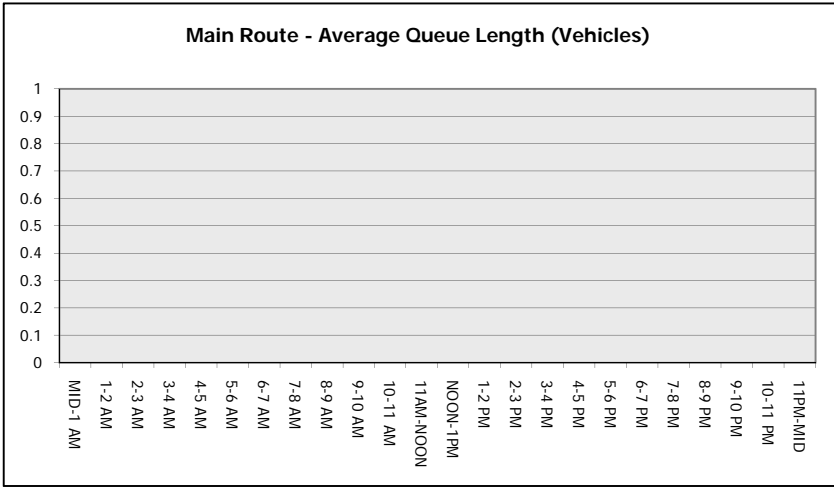
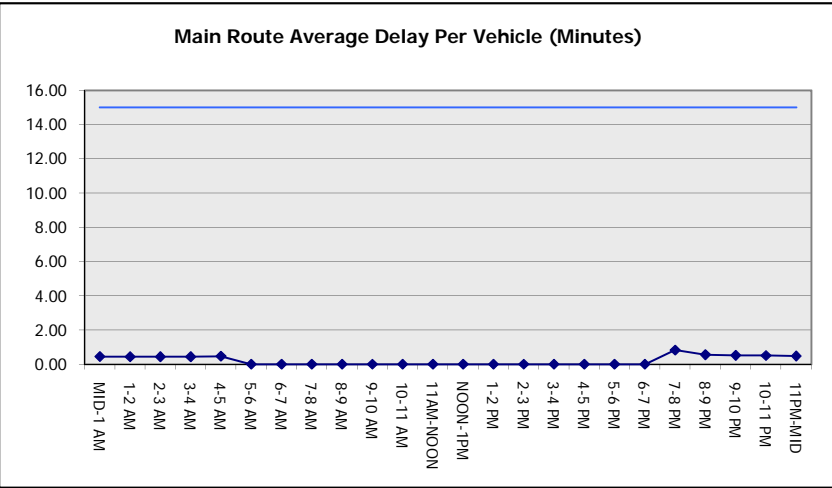
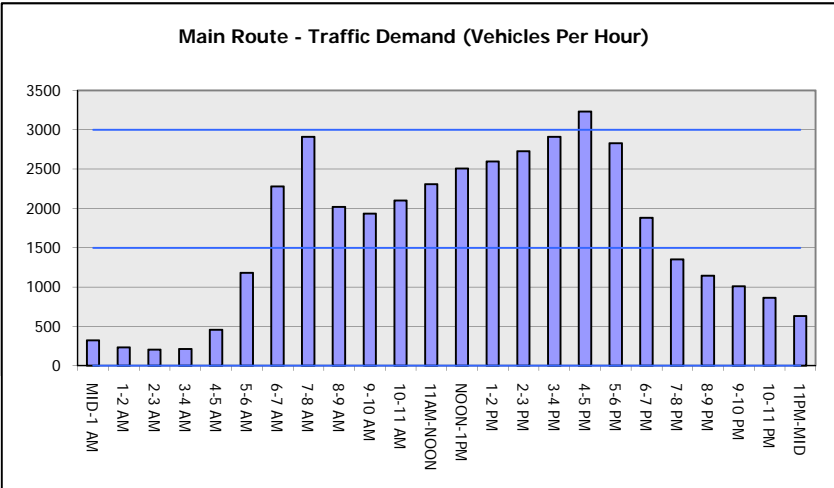
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0082
MAIN ROUTE WITH WORKS	0.0078
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$915
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY SOUTHBOUND DIRECTION**



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**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY 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	317	0.0	1500	317	0	0.45	0	65.8	47.6	44.2
1-2 AM	197	0.0	1500	197	0	0.44	0	66.0	48.1	44.7
2-3 AM	196	0.0	1500	196	0	0.44	0	66.0	48.1	44.7
3-4 AM	193	0.0	1500	193	0	0.44	0	66.0	48.1	44.7
4-5 AM	303	0.0	1500	303	0	0.45	0	65.8	47.6	44.3
5-6 AM	786	0.0	OFF	786	0	0.00	0	64.9	64.9	64.9
6-7 AM	1864	0.0	OFF	1864	0	0.00	0	62.9	62.9	62.9
7-8 AM	2976	0.0	OFF	2976	0	0.00	0	56.0	56.0	56.0
8-9 AM	2280	0.0	OFF	2280	0	0.00	0	62.2	62.2	62.2
9-10 AM	2161	0.0	OFF	2161	0	0.00	0	62.3	62.3	62.3
10-11 AM	2302	0.0	OFF	2302	0	0.00	0	62.1	62.1	62.1
11AM-NOON	2512	0.0	OFF	2512	0	0.00	0	60.7	60.7	60.7
NOON-1PM	2670	0.0	OFF	2670	0	0.00	0	59.1	59.1	59.1
1-2 PM	2703	0.0	OFF	2703	0	0.00	0	58.8	58.8	58.8
2-3 PM	3020	0.0	OFF	3020	0	0.00	0	55.6	55.6	55.6
3-4 PM	3346	0.0	OFF	3346	0	0.00	0	52.2	52.2	52.2
4-5 PM	3758	0.0	OFF	3758	0	0.00	0	48.0	48.0	48.0
5-6 PM	3383	0.0	OFF	3383	0	0.00	0	51.9	51.9	51.9
6-7 PM	2439	0.0	OFF	2439	0	0.00	0	61.5	61.5	61.5
7-8 PM	1751	0.0	1499	1751	0	6.38	157	63.1	12.4	30.8
8-9 PM	1416	0.0	1499	1416	0	9.39	226	63.8	10.0	30.8
9-10 PM	1193	0.0	1499	1193	0	1.73	56	64.1	27.6	36.7
10-11 PM	902	0.0	1500	902	0	0.51	0	64.7	45.5	42.0
11PM-MID	616	0.0	1500	616	0	0.48	0	65.3	46.5	43.1

"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	0.0089
MAIN ROUTE WITH WORKS	0.0085
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$6,934
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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