

<b>USH 41: CTH AAA TO CTH G (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	605	0.0	1500	605	0	0.48	0	65.3	46.5	43.1	
1-2 AM	318	0.0	1500	318	0	0.45	0	65.8	47.6	44.2	
2-3 AM	267	0.0	1500	267	0	0.45	0	65.9	47.8	44.4	
3-4 AM	187	0.0	1500	187	0	0.44	0	66.0	48.1	44.7	
4-5 AM	161	0.0	1500	161	0	0.44	0	66.1	48.2	44.8	
5-6 AM	205	0.0	1500	205	0	0.44	0	66.0	48.0	44.6	
6-7 AM	337	0.0	1500	337	0	0.46	0	65.8	47.5	44.2	
7-8 AM	473	0.0	1500	473	0	0.47	0	65.5	47.0	43.6	
8-9 AM	800	0.0	1500	800	0	0.50	0	64.9	45.8	42.4	
9-10 AM	1242	0.0	1499	1242	0	0.68	0	64.1	41.1	37.4	
10-11 AM	1837	0.0	1499	1837	0	5.25	141	63.0	14.2	30.8	
11AM-NOON	2103	0.0	1499	1591	513	17.03+	433	62.5	7.7	30.8	
NOON-1PM	2292	0.0	1500	1504	788	17.42+	443	62.1	7.6	30.8	
1-2 PM	2338	0.0	1500	1503	835	17.42+	443	62.0	7.6	30.8	
2-3 PM	2320	0.0	1500	1502	818	17.42+	443	62.0	7.6	30.8	
3-4 PM	2317	0.0	1500	1502	816	17.42+	443	62.0	7.6	30.8	
4-5 PM	2231	0.0	1500	1501	730	17.41+	443	62.2	7.6	30.8	
5-6 PM	1930	0.0	1500	1501	429	17.39+	442	62.8	7.6	30.8	
6-7 PM	1718	0.0	1500	1500	218	17.37+	441	63.2	7.7	30.8	
7-8 PM	1333	0.0	1499	1333	0	14.86+	375	63.9	8.2	30.8	
8-9 PM	1134	0.0	1499	1134	0	3.03	117	64.3	20.8	36.2	
9-10 PM	797	0.0	1500	797	0	0.50	0	64.9	45.8	42.4	
10-11 PM	576	0.0	1500	576	0	0.48	0	65.3	46.6	43.2	
11PM-MID	363	0.0	1500	363	0	0.46	0	65.7	47.4	44.0	

+ 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

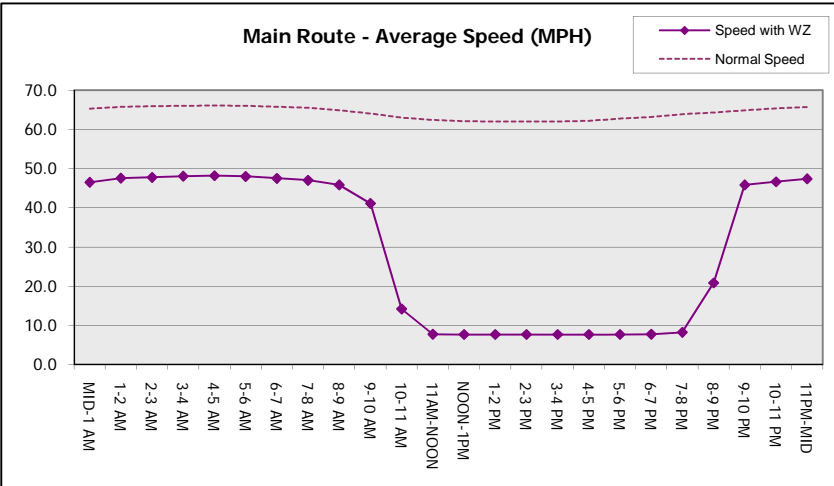
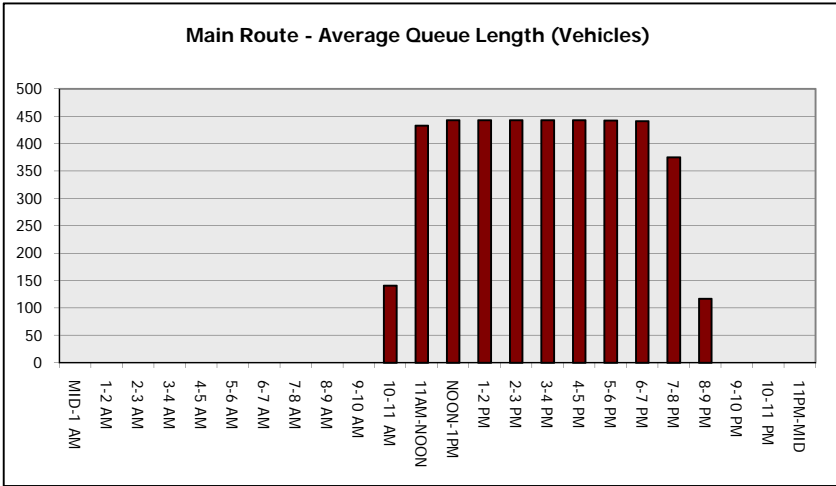
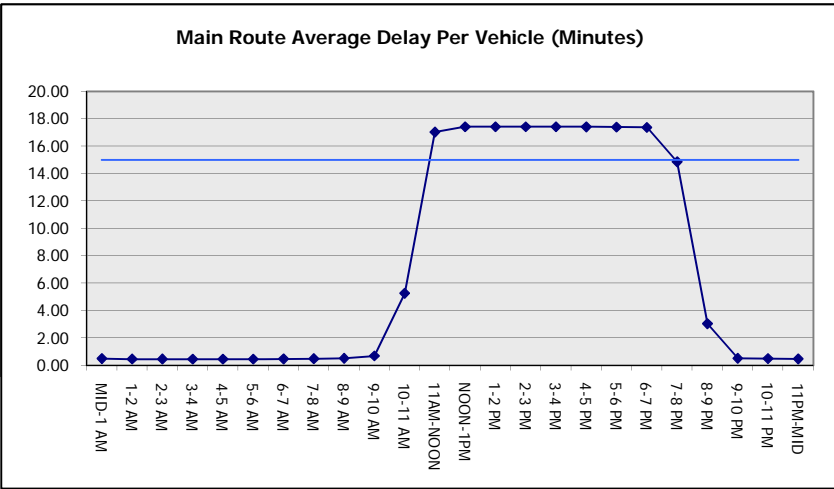
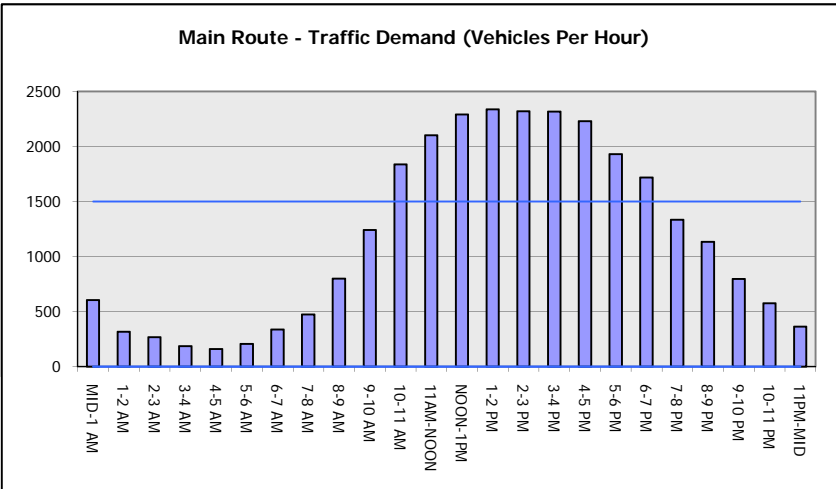
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0058
MAIN ROUTE WITH WORKS	0.0032
'DIVERSION'	0.0025
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$95,306
CONGESTED HOURS PER DAY*	9

\*Delays Exceeding User-Specified Maximum

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



<b>USH 41: CTH AAA TO CTH G (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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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	374	0.0	1500	374	0	0.46	0	65.7	47.4	44.0
1-2 AM	207	0.0	1500	207	0	0.44	0	66.0	48.0	44.6
2-3 AM	203	0.0	1500	203	0	0.44	0	66.0	48.0	44.6
3-4 AM	157	0.0	1500	157	0	0.44	0	66.1	48.2	44.8
4-5 AM	111	0.0	1500	111	0	0.43	0	66.2	48.4	45.0
5-6 AM	211	0.0	1500	211	0	0.44	0	66.0	48.0	44.6
6-7 AM	313	0.0	1500	313	0	0.45	0	65.8	47.6	44.2
7-8 AM	458	0.0	1500	458	0	0.47	0	65.5	47.1	43.7
8-9 AM	674	0.0	1500	674	0	0.49	0	65.1	46.3	42.8
9-10 AM	1040	0.0	1499	1040	0	0.53	0	64.5	44.8	41.3
10-11 AM	1423	0.0	1499	1423	0	0.93	0	63.7	36.1	32.6
11AM-NOON	1689	0.0	1500	1689	0	3.66	84	63.2	17.1	30.8
NOON-1PM	1796	0.0	1500	1789	7	13.10+	334	63.0	8.7	30.8
1-2 PM	1792	0.0	1500	1477	315	17.33+	440	63.0	7.7	30.8
2-3 PM	1750	0.0	1499	1496	254	17.37+	441	63.1	7.7	30.8
3-4 PM	1768	0.0	1499	1497	271	17.38+	441	63.1	7.7	30.8
4-5 PM	1729	0.0	1499	1498	231	17.37+	441	63.2	7.7	30.8
5-6 PM	1637	0.0	1499	1498	138	17.36+	441	63.3	7.7	30.8
6-7 PM	1398	0.0	1499	1397	1	16.24+	411	63.8	7.9	30.8
7-8 PM	1118	0.0	1499	1118	0	4.91	169	64.3	15.6	35.1
8-9 PM	919	0.0	1500	919	0	0.51	0	64.6	45.4	42.0
9-10 PM	655	0.0	1500	655	0	0.49	0	65.1	46.3	42.9
10-11 PM	484	0.0	1500	484	0	0.47	0	65.5	46.9	43.6
11PM-MID	286	0.0	1500	286	0	0.45	0	65.8	47.7	44.3

+ 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	0.0046
MAIN ROUTE WITH WORKS	0.0030
'DIVERSION'	0.0006

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$60,426
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

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