

<b>USH 41: STH 29 TO CTH AAA (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	268	0.0	1500	268	0	0.45	0	65.9	59.7	44.4	
1-2 AM	203	0.0	1500	203	0	0.44	0	66.0	59.9	44.6	
2-3 AM	179	0.0	1500	179	0	0.44	0	66.1	60.0	44.8	
3-4 AM	228	0.0	1500	228	0	0.44	0	66.0	59.9	44.6	
4-5 AM	511	0.0	1500	511	0	0.47	0	65.5	59.1	43.5	
5-6 AM	1512	0.0	OFF	1512	0	0.00	0	63.6	63.6	63.6	
6-7 AM	2905	0.0	OFF	2905	0	0.00	0	56.8	56.8	56.8	
7-8 AM	3663	0.0	OFF	3663	0	0.00	0	49.0	49.0	49.0	
8-9 AM	2343	0.0	OFF	2343	0	0.00	0	62.0	62.0	62.0	
9-10 AM	2039	0.0	OFF	2039	0	0.00	0	62.6	62.6	62.6	
10-11 AM	2140	0.0	OFF	2140	0	0.00	0	62.4	62.4	62.4	
11AM-NOON	2291	0.0	OFF	2291	0	0.00	0	62.1	62.1	62.1	
NOON-1PM	2451	0.0	OFF	2451	0	0.00	0	61.4	61.4	61.4	
1-2 PM	2589	0.0	OFF	2589	0	0.00	0	60.0	60.0	60.0	
2-3 PM	2767	0.0	OFF	2767	0	0.00	0	58.1	58.1	58.1	
3-4 PM	3141	0.0	OFF	3141	0	0.00	0	54.3	54.3	54.3	
4-5 PM	3769	0.0	OFF	3769	0	0.00	0	47.9	47.9	47.9	
5-6 PM	3477	0.0	OFF	3477	0	0.00	0	50.9	50.9	50.9	
6-7 PM	2053	0.0	OFF	2053	0	0.00	0	62.5	62.5	62.5	
7-8 PM	1442	0.0	1499	1442	0	1.11	5	63.7	51.1	32.4	
8-9 PM	1316	0.0	1500	1316	0	0.79	0	64.0	54.4	35.1	
9-10 PM	1157	0.0	1500	1157	0	0.58	0	64.2	56.9	39.9	
10-11 PM	970	0.0	1500	970	0	0.52	0	64.6	57.9	41.8	
11PM-MID	592	0.0	1500	592	0	0.48	0	65.3	58.9	43.2	

**"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

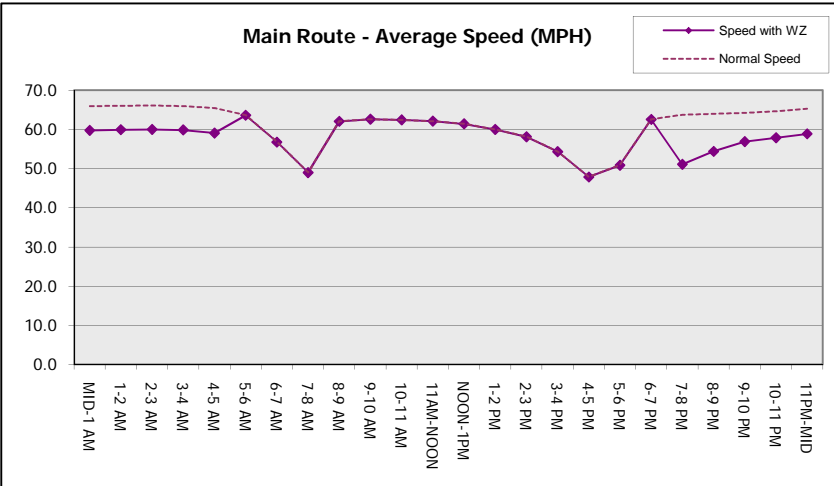
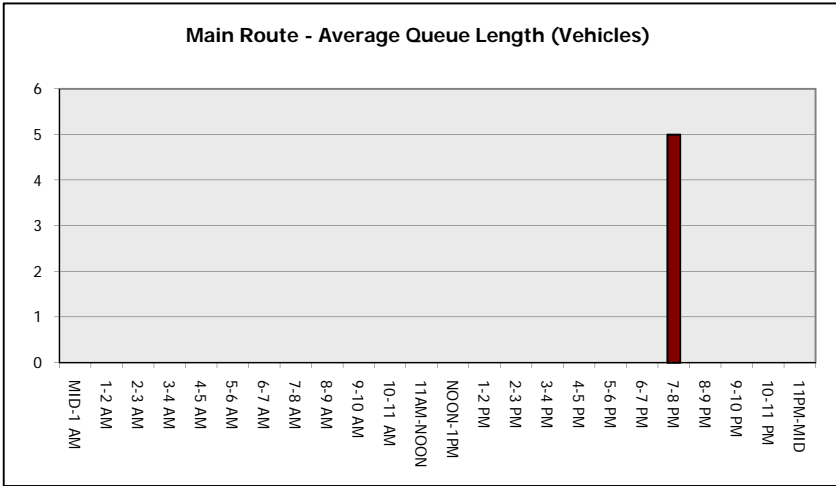
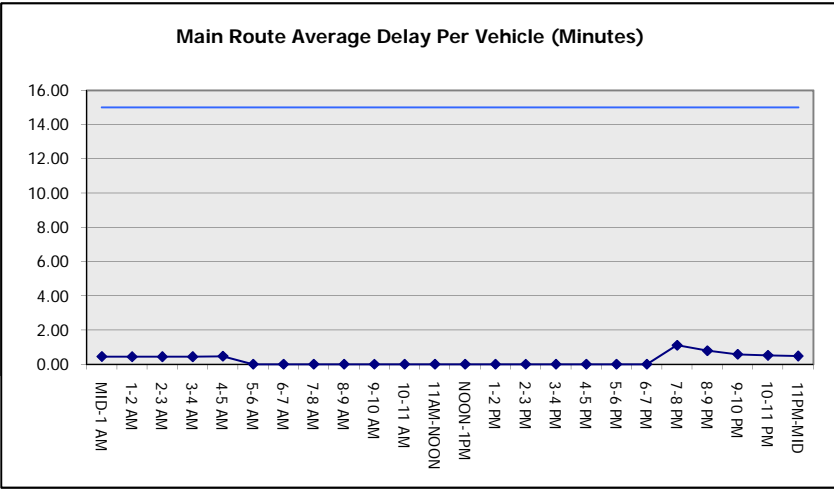
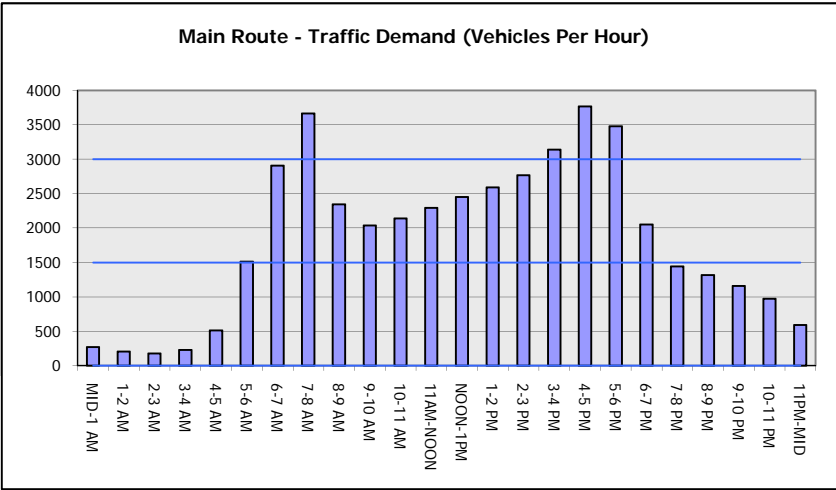
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0336
MAIN ROUTE WITH WORKS	0.0331
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$989
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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



<b>USH 41: STH 29 TO CTH AAA (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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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	256	0.0	1500	256	0	0.45	0	65.9	59.8	44.5
1-2 AM	158	0.0	1500	158	0	0.44	0	66.1	60.1	44.8
2-3 AM	181	0.0	1500	181	0	0.44	0	66.1	60.0	44.8
3-4 AM	183	0.0	1500	183	0	0.44	0	66.1	60.0	44.8
4-5 AM	344	0.0	1500	344	0	0.46	0	65.8	59.6	44.1
5-6 AM	967	0.0	OFF	967	0	0.00	0	64.6	64.6	64.6
6-7 AM	2320	0.0	OFF	2320	0	0.00	0	62.0	62.0	62.0
7-8 AM	3676	0.0	OFF	3676	0	0.00	0	48.8	48.8	48.8
8-9 AM	2677	0.0	OFF	2677	0	0.00	0	59.1	59.1	59.1
9-10 AM	2253	0.0	OFF	2253	0	0.00	0	62.2	62.2	62.2
10-11 AM	2199	0.0	OFF	2199	0	0.00	0	62.3	62.3	62.3
11AM-NOON	2354	0.0	OFF	2354	0	0.00	0	62.0	62.0	62.0
NOON-1PM	2430	0.0	OFF	2430	0	0.00	0	61.6	61.6	61.6
1-2 PM	2446	0.0	OFF	2446	0	0.00	0	61.4	61.4	61.4
2-3 PM	2759	0.0	OFF	2759	0	0.00	0	58.2	58.2	58.2
3-4 PM	3373	0.0	OFF	3373	0	0.00	0	52.0	52.0	52.0
4-5 PM	4087	0.0	OFF	4087	0	0.00	0	44.6	44.6	44.6
5-6 PM	3737	0.0	OFF	3737	0	0.00	0	48.2	48.2	48.2
6-7 PM	2269	0.0	OFF	2269	0	0.00	0	62.2	62.2	62.2
7-8 PM	1456	0.0	1499	1456	0	1.48	15	63.7	48.0	32.5
8-9 PM	1235	0.0	1500	1235	0	0.68	0	64.1	55.6	37.4
9-10 PM	995	0.0	1500	995	0	0.52	0	64.5	57.8	41.7
10-11 PM	773	0.0	1500	773	0	0.50	0	65.0	58.4	42.5
11PM-MID	457	0.0	1500	457	0	0.47	0	65.5	59.2	43.7

"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	0.0333
MAIN ROUTE WITH WORKS	0.0329
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$965
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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