

<b>USH 41: STH 29 TO CTH AAA (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	235	0.0	1500	235	0	0.45	0	66.0	59.9	44.5
1-2 AM	191	0.0	1500	191	0	0.44	0	66.0	60.0	44.7
2-3 AM	173	0.0	1500	173	0	0.44	0	66.1	60.0	44.8
3-4 AM	205	0.0	1500	205	0	0.44	0	66.0	59.9	44.6
4-5 AM	471	0.0	1500	471	0	0.47	0	65.5	59.2	43.6
5-6 AM	1390	0.0	OFF	1390	0	0.00	0	63.8	63.8	63.8
6-7 AM	2841	0.0	OFF	2841	0	0.00	0	57.4	57.4	57.4
7-8 AM	3516	0.0	OFF	3516	0	0.00	0	50.5	50.5	50.5
8-9 AM	2178	0.0	OFF	2178	0	0.00	0	62.3	62.3	62.3
9-10 AM	1871	0.0	OFF	1871	0	0.00	0	62.9	62.9	62.9
10-11 AM	1889	0.0	OFF	1889	0	0.00	0	62.8	62.8	62.8
11AM-NOON	2073	0.0	OFF	2073	0	0.00	0	62.5	62.5	62.5
NOON-1PM	2239	0.0	OFF	2239	0	0.00	0	62.2	62.2	62.2
1-2 PM	2317	0.0	OFF	2317	0	0.00	0	62.0	62.0	62.0
2-3 PM	2448	0.0	OFF	2448	0	0.00	0	61.4	61.4	61.4
3-4 PM	2928	0.0	OFF	2928	0	0.00	0	56.5	56.5	56.5
4-5 PM	3657	0.0	OFF	3657	0	0.00	0	49.1	49.1	49.1
5-6 PM	3235	0.0	OFF	3235	0	0.00	0	53.3	53.3	53.3
6-7 PM	1895	0.0	OFF	1895	0	0.00	0	62.8	62.8	62.8
7-8 PM	1337	0.0	1500	1337	0	0.81	0	63.9	54.1	34.5
8-9 PM	1216	0.0	1500	1216	0	0.66	0	64.1	55.9	37.9
9-10 PM	984	0.0	1500	984	0	0.52	0	64.5	57.8	41.7
10-11 PM	661	0.0	1500	661	0	0.49	0	65.1	58.7	42.9
11PM-MID	418	0.0	1500	418	0	0.46	0	65.6	59.4	43.8

**"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	0.0308
MAIN ROUTE WITH WORKS	0.0304
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$739
CONGESTED HOURS PER DAY*	0

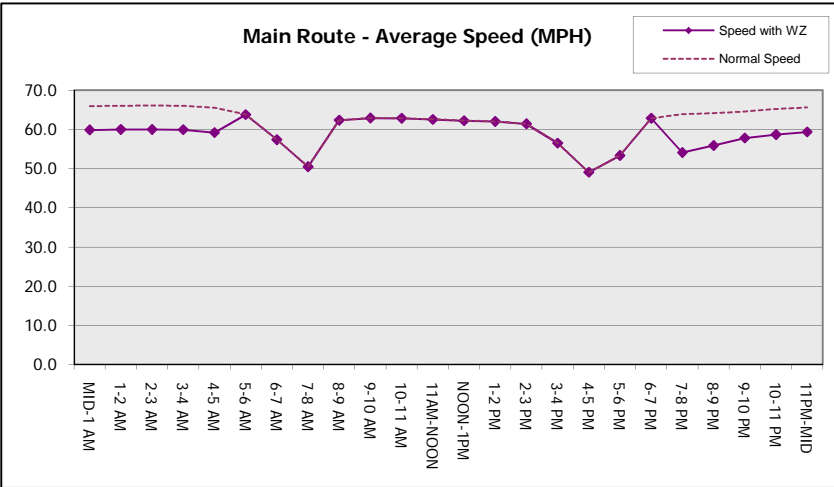
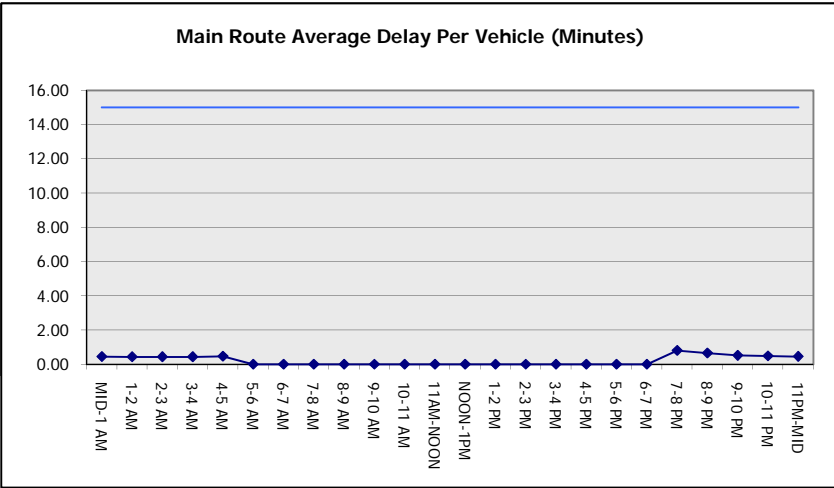
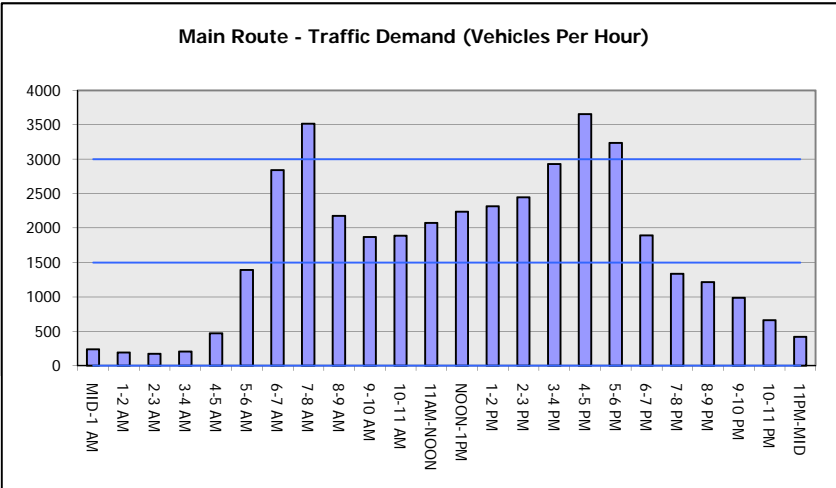
\*Delays Exceeding User-Specified Maximum

**USH 41: STH 29 TO CTH AAA (BROWN COUNTY)  
NIGHTTIME CLOSURE  
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**MAY**  
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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>MAY</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	200	0.0	1500	200	0	0.44	0	66.0	59.9	44.7
1-2 AM	144	0.0	1500	144	0	0.44	0	66.1	60.1	44.9
2-3 AM	153	0.0	1500	153	0	0.44	0	66.1	60.1	44.9
3-4 AM	160	0.0	1500	160	0	0.44	0	66.1	60.1	44.8
4-5 AM	310	0.0	1500	310	0	0.45	0	65.8	59.6	44.2
5-6 AM	883	0.0	OFF	883	0	0.00	0	64.8	64.8	64.8
6-7 AM	2200	0.0	OFF	2200	0	0.00	0	62.3	62.3	62.3
7-8 AM	3626	0.0	OFF	3626	0	0.00	0	49.4	49.4	49.4
8-9 AM	2466	0.0	OFF	2466	0	0.00	0	61.2	61.2	61.2
9-10 AM	1984	0.0	OFF	1984	0	0.00	0	62.7	62.7	62.7
10-11 AM	1905	0.0	OFF	1905	0	0.00	0	62.8	62.8	62.8
11AM-NOON	2082	0.0	OFF	2082	0	0.00	0	62.5	62.5	62.5
NOON-1PM	2126	0.0	OFF	2126	0	0.00	0	62.4	62.4	62.4
1-2 PM	2162	0.0	OFF	2162	0	0.00	0	62.3	62.3	62.3
2-3 PM	2466	0.0	OFF	2466	0	0.00	0	61.2	61.2	61.2
3-4 PM	3041	0.0	OFF	3041	0	0.00	0	55.3	55.3	55.3
4-5 PM	3801	0.0	OFF	3801	0	0.00	0	47.6	47.6	47.6
5-6 PM	3417	0.0	OFF	3417	0	0.00	0	51.5	51.5	51.5
6-7 PM	1992	0.0	OFF	1992	0	0.00	0	62.7	62.7	62.7
7-8 PM	1335	0.0	1500	1335	0	0.81	0	63.9	54.2	34.6
8-9 PM	1121	0.0	1500	1121	0	0.53	0	64.3	57.4	41.2
9-10 PM	909	0.0	1500	909	0	0.51	0	64.7	58.0	42.0
10-11 PM	718	0.0	1500	718	0	0.49	0	65.0	58.6	42.7
11PM-MID	397	0.0	1500	397	0	0.46	0	65.6	59.4	43.9

"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	0.0302
MAIN ROUTE WITH WORKS	0.0299
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$657
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**

