

<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**

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	440	0.0	1500	440	0	0.47	0	65.6	59.3	43.7
1-2 AM	302	0.0	1500	302	0	0.45	0	65.8	59.7	44.3
2-3 AM	287	0.0	1500	287	0	0.45	0	65.8	59.7	44.3
3-4 AM	196	0.0	1500	196	0	0.44	0	66.0	59.9	44.7
4-5 AM	161	0.0	1500	161	0	0.44	0	66.1	60.1	44.8
5-6 AM	213	0.0	1500	213	0	0.44	0	66.0	59.9	44.6
6-7 AM	387	0.0	1500	387	0	0.46	0	65.6	59.4	44.0
7-8 AM	549	0.0	1500	549	0	0.48	0	65.4	59.0	43.3
8-9 AM	850	0.0	1500	850	0	0.50	0	64.8	58.2	42.2
9-10 AM	1411	0.0	OFF	1411	0	0.00	0	63.8	63.8	63.8
10-11 AM	1890	0.0	OFF	1890	0	0.00	0	62.8	62.8	62.8
11AM-NOON	2104	0.0	OFF	2104	0	0.00	0	62.5	62.5	62.5
NOON-1PM	2213	0.0	OFF	2213	0	0.00	0	62.3	62.3	62.3
1-2 PM	2170	0.0	OFF	2170	0	0.00	0	62.3	62.3	62.3
2-3 PM	2149	0.0	OFF	2149	0	0.00	0	62.4	62.4	62.4
3-4 PM	2226	0.0	OFF	2226	0	0.00	0	62.2	62.2	62.2
4-5 PM	2270	0.0	OFF	2270	0	0.00	0	62.2	62.2	62.2
5-6 PM	1993	0.0	OFF	1993	0	0.00	0	62.7	62.7	62.7
6-7 PM	1730	0.0	OFF	1730	0	0.00	0	63.2	63.2	63.2
7-8 PM	1395	0.0	1500	1395	0	0.89	0	63.8	53.3	33.1
8-9 PM	1079	0.0	1500	1079	0	0.53	0	64.4	57.6	41.4
9-10 PM	816	0.0	1500	816	0	0.50	0	64.9	58.2	42.4
10-11 PM	586	0.0	1500	586	0	0.48	0	65.3	58.9	43.2
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	0.0
(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	0
(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	0.0212
MAIN ROUTE WITH WORKS	0.0207
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,020
CONGESTED HOURS PER DAY*	0

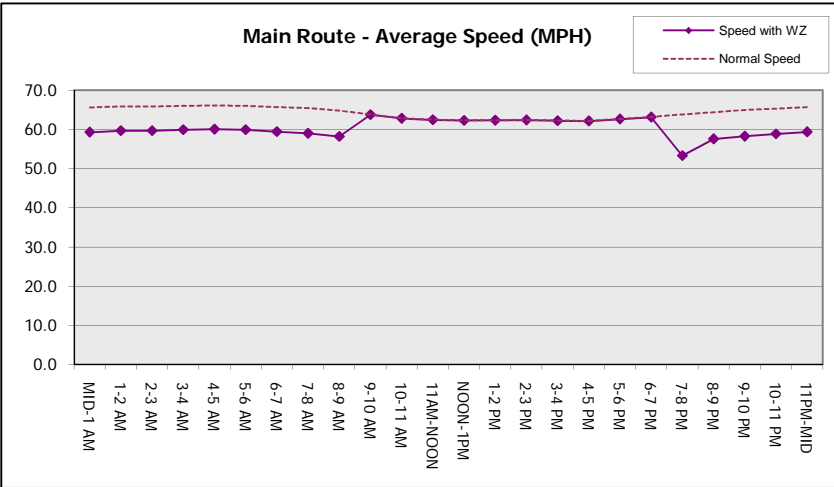
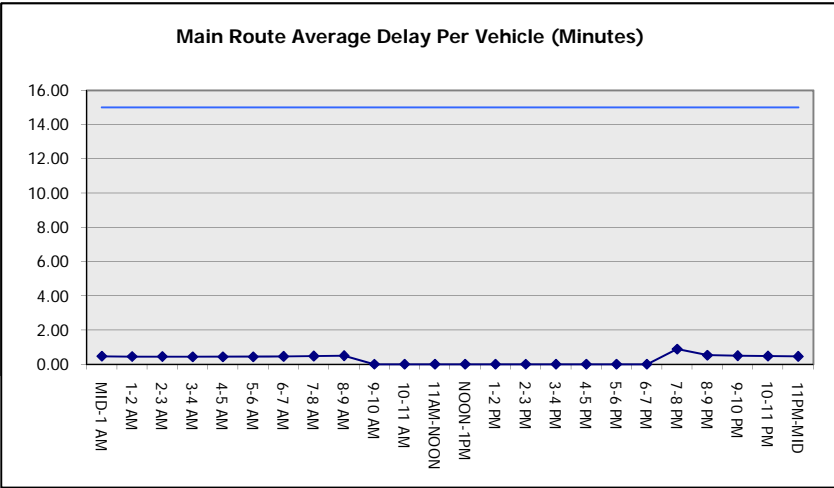
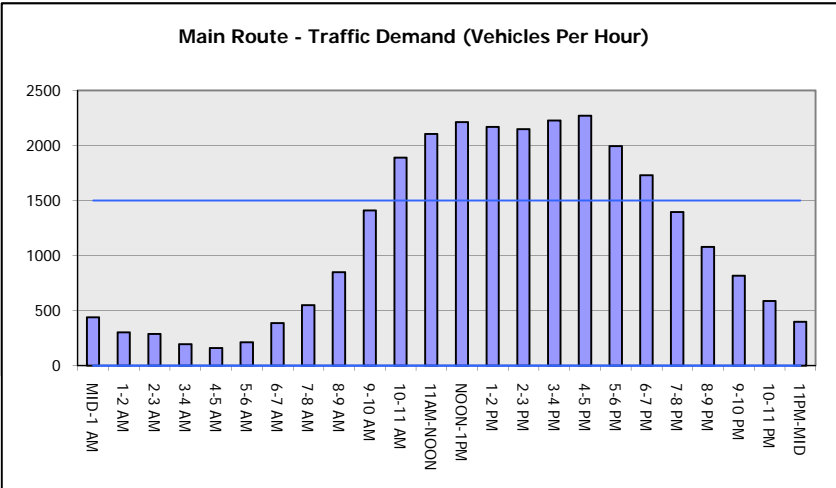
\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SUNDAY 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**

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	381	0.0	1500	381	0	0.46	0	65.7	59.4	44.0
1-2 AM	236	0.0	1500	236	0	0.45	0	66.0	59.9	44.5
2-3 AM	247	0.0	1500	247	0	0.45	0	66.0	59.8	44.5
3-4 AM	155	0.0	1500	155	0	0.44	0	66.1	60.1	44.8
4-5 AM	139	0.0	1500	139	0	0.44	0	66.1	60.1	45.0
5-6 AM	329	0.0	1500	329	0	0.45	0	65.8	59.6	44.2
6-7 AM	504	0.0	1500	504	0	0.47	0	65.5	59.1	43.5
7-8 AM	651	0.0	1500	651	0	0.49	0	65.1	58.7	42.9
8-9 AM	919	0.0	1500	919	0	0.51	0	64.6	58.0	42.0
9-10 AM	1269	0.0	OFF	1269	0	0.00	0	64.0	64.0	64.0
10-11 AM	1585	0.0	OFF	1585	0	0.00	0	63.4	63.4	63.4
11AM-NOON	1791	0.0	OFF	1791	0	0.00	0	63.0	63.0	63.0
NOON-1PM	1947	0.0	OFF	1947	0	0.00	0	62.8	62.8	62.8
1-2 PM	1795	0.0	OFF	1795	0	0.00	0	63.0	63.0	63.0
2-3 PM	1810	0.0	OFF	1810	0	0.00	0	63.0	63.0	63.0
3-4 PM	1737	0.0	OFF	1737	0	0.00	0	63.2	63.2	63.2
4-5 PM	1878	0.0	OFF	1878	0	0.00	0	62.9	62.9	62.9
5-6 PM	1606	0.0	OFF	1606	0	0.00	0	63.4	63.4	63.4
6-7 PM	1439	0.0	OFF	1439	0	0.00	0	63.7	63.7	63.7
7-8 PM	1243	0.0	1500	1243	0	0.69	0	64.1	55.5	37.1
8-9 PM	1011	0.0	1500	1011	0	0.52	0	64.5	57.8	41.7
9-10 PM	770	0.0	1500	770	0	0.50	0	65.0	58.4	42.5
10-11 PM	535	0.0	1500	535	0	0.47	0	65.4	59.0	43.3
11PM-MID	304	0.0	1500	304	0	0.45	0	65.8	59.7	44.3

"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	0.0185
MAIN ROUTE WITH WORKS	0.0180
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$919
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY NORTHBOUND DIRECTION**

