

<b>USH 41: STH 29 TO CTH AAA (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**

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	1499	1512	0	1.86	38	63.6	45.0	34.4	
6-7 AM	2905	0.0	1500	1866	1038	14.22+	380	56.8	14.9	32.4	
7-8 AM	3663	0.0	1499	1500	2163	14.35+	399	49.0	14.2	33.7	
8-9 AM	2343	0.0	1499	1415	928	15.40+	393	62.0	14.3	32.2	
9-10 AM	2039	0.0	1500	1500	539	15.78+	400	62.6	14.1	30.8	
10-11 AM	2140	0.0	1500	1500	640	15.77+	400	62.4	14.1	30.8	
11AM-NOON	2291	0.0	1500	1500	791	15.75+	400	62.1	14.1	30.8	
NOON-1PM	2451	0.0	1500	1500	951	15.69+	400	61.4	14.1	30.8	
1-2 PM	2589	0.0	1500	1500	1089	15.58+	400	60.0	14.1	30.8	
2-3 PM	2767	0.0	1500	1500	1267	15.43+	400	58.1	14.1	30.8	
3-4 PM	3141	0.0	1500	1500	1641	15.08+	400	54.3	14.1	30.8	
4-5 PM	3769	0.0	1500	1500	2269	14.37+	400	47.9	14.1	30.8	
5-6 PM	3477	0.0	1500	1500	1977	14.72+	400	50.9	14.1	30.8	
6-7 PM	2053	0.0	1500	1488	565	15.73+	398	62.5	14.2	30.8	
7-8 PM	1442	0.0	1499	1382	60	14.61+	367	63.7	15.0	30.8	
8-9 PM	1316	0.0	1500	1316	0	9.07	224	64.0	21.2	30.9	
9-10 PM	1157	0.0	1500	1157	0	1.32	25	64.2	49.6	38.6	
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	

+ 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	0.0336
MAIN ROUTE WITH WORKS	0.0196
'DIVERSION'	0.0281
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$126,106
CONGESTED HOURS PER DAY*	14

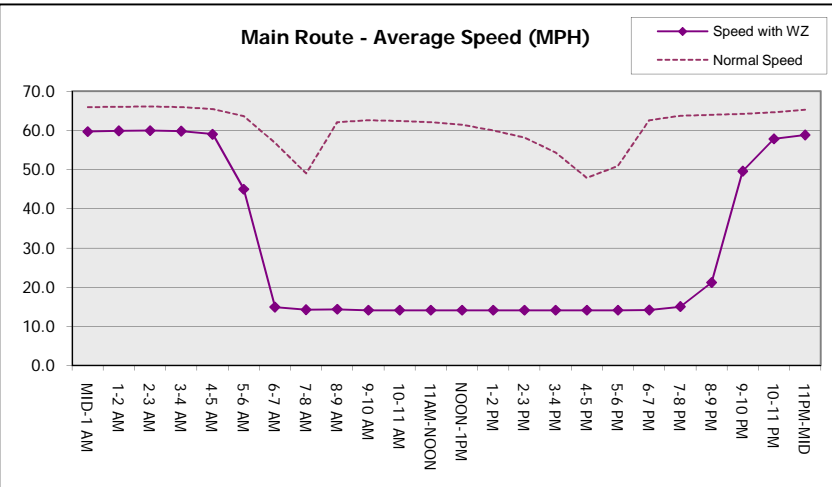
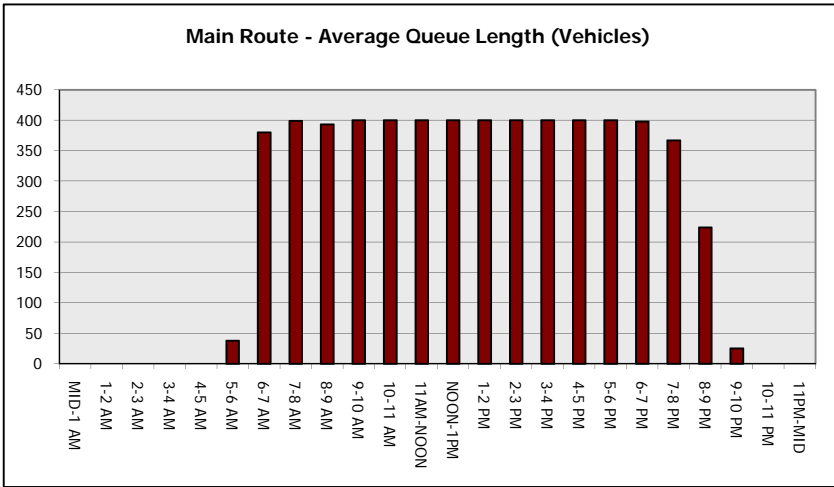
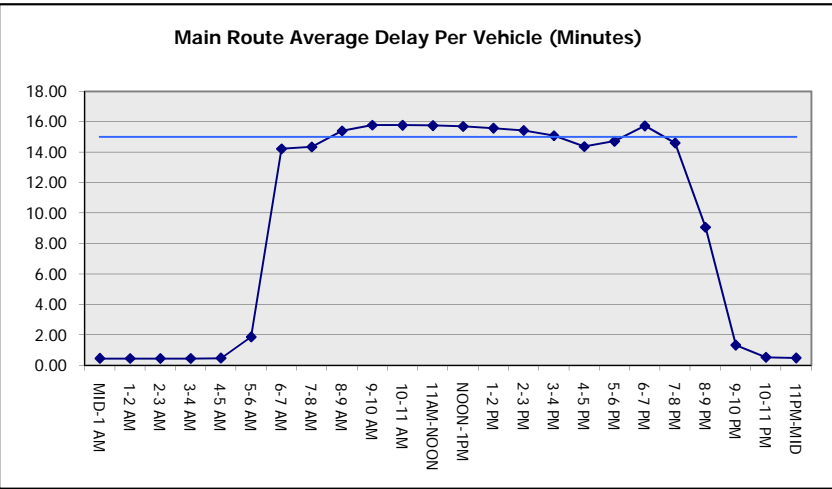
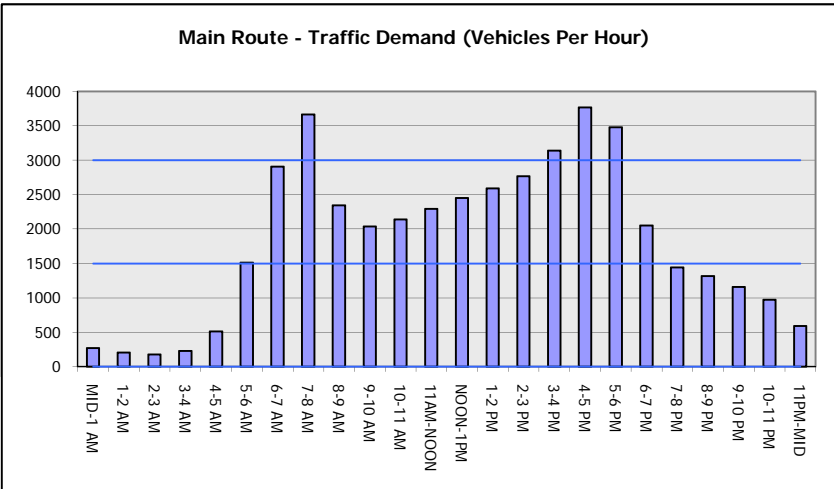
\*Delays Exceeding User-Specified Maximum

**USH 41: STH 29 TO CTH AAA (BROWN COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

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

**MON-THUR SOUTHBOUND DIRECTION**



<b>USH 41: STH 29 TO CTH AAA (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**

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	1499	967	0	0.57	0	64.6	57.3	40.4
6-7 AM	2320	0.0	1499	1873	448	8.62+	249	62.0	21.7	30.8
7-8 AM	3676	0.0	1499	1500	2176	14.49+	399	48.8	14.1	30.8
8-9 AM	2677	0.0	1500	1500	1177	15.51+	400	59.1	14.1	30.8
9-10 AM	2253	0.0	1500	1500	753	15.75+	400	62.2	14.1	30.8
10-11 AM	2199	0.0	1500	1500	699	15.76+	400	62.3	14.1	30.8
11AM-NOON	2354	0.0	1499	1500	854	15.74+	400	62.0	14.1	30.8
NOON-1PM	2430	0.0	1500	1500	930	15.71+	400	61.6	14.1	30.8
1-2 PM	2446	0.0	1499	1500	946	15.69+	400	61.4	14.1	30.8
2-3 PM	2759	0.0	1500	1500	1259	15.44+	400	58.2	14.1	30.8
3-4 PM	3373	0.0	1500	1500	1873	14.84+	400	52.0	14.1	30.8
4-5 PM	4087	0.0	1500	1500	2587	13.93+	400	44.6	14.1	30.8
5-6 PM	3737	0.0	1499	1500	2237	14.41+	400	48.2	14.1	30.8
6-7 PM	2269	0.0	1500	1500	769	15.75+	400	62.2	14.1	30.8
7-8 PM	1456	0.0	1500	1447	9	14.98+	377	63.7	14.8	30.8
8-9 PM	1235	0.0	1499	1235	0	7.77	201	64.1	23.5	32.4
9-10 PM	995	0.0	1500	995	0	0.62	3	64.5	56.6	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

+ 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	0.0333
MAIN ROUTE WITH WORKS	0.0187
'DIVERSION'	0.0296

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$124,833
CONGESTED HOURS PER DAY*	14

\*Delays Exceeding User-Specified Maximum

**USH 41: STH 29 TO CTH AAA (BROWN COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

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

