

<b>USH 41: CTH G TO CTH F (BROWN COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>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	536	0.0	1500	536	0	0.47	0	65.4	51.4	43.3
1-2 AM	282	0.0	1500	282	0	0.45	0	65.9	52.3	44.3
2-3 AM	237	0.0	1500	237	0	0.45	0	66.0	52.4	44.5
3-4 AM	166	0.0	1500	166	0	0.44	0	66.1	52.7	44.8
4-5 AM	143	0.0	1500	143	0	0.44	0	66.1	52.8	44.9
5-6 AM	182	0.0	1500	182	0	0.44	0	66.1	52.6	44.8
6-7 AM	299	0.0	1500	299	0	0.45	0	65.8	52.2	44.3
7-8 AM	419	0.0	1500	419	0	0.46	0	65.6	51.8	43.8
8-9 AM	709	0.0	1500	709	0	0.49	0	65.1	50.8	42.7
9-10 AM	1100	0.0	OFF	1100	0	0.00	0	64.3	64.3	64.3
10-11 AM	1628	0.0	OFF	1628	0	0.00	0	63.3	63.3	63.3
11AM-NOON	1864	0.0	OFF	1864	0	0.00	0	62.9	62.9	62.9
NOON-1PM	2031	0.0	OFF	2031	0	0.00	0	62.6	62.6	62.6
1-2 PM	2072	0.0	OFF	2072	0	0.00	0	62.5	62.5	62.5
2-3 PM	2057	0.0	OFF	2057	0	0.00	0	62.5	62.5	62.5
3-4 PM	2054	0.0	OFF	2054	0	0.00	0	62.5	62.5	62.5
4-5 PM	1977	0.0	OFF	1977	0	0.00	0	62.7	62.7	62.7
5-6 PM	1711	0.0	OFF	1711	0	0.00	0	63.2	63.2	63.2
6-7 PM	1522	0.0	OFF	1522	0	0.00	0	63.5	63.5	63.5
7-8 PM	1182	0.0	1500	1182	0	0.61	0	64.2	47.7	39.1
8-9 PM	1006	0.0	1500	1006	0	0.52	0	64.5	49.9	41.7
9-10 PM	707	0.0	1500	707	0	0.49	0	65.1	50.8	42.7
10-11 PM	511	0.0	1500	511	0	0.47	0	65.5	51.5	43.5
11PM-MID	322	0.0	1500	322	0	0.45	0	65.8	52.2	44.2

"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

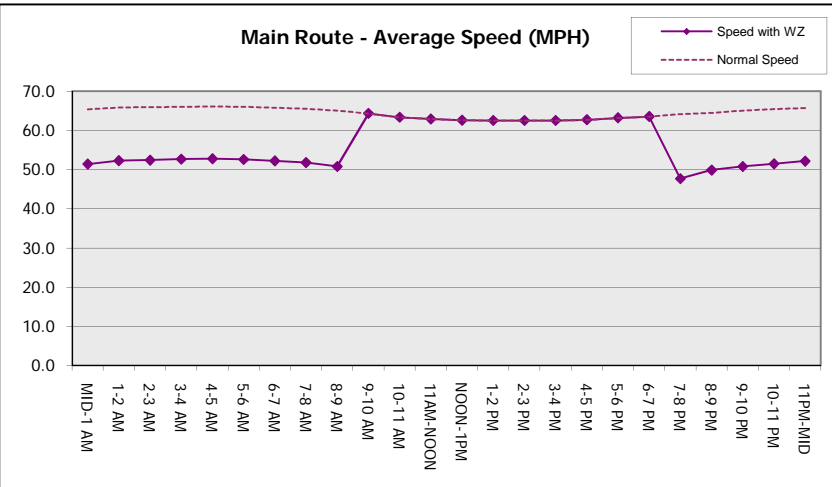
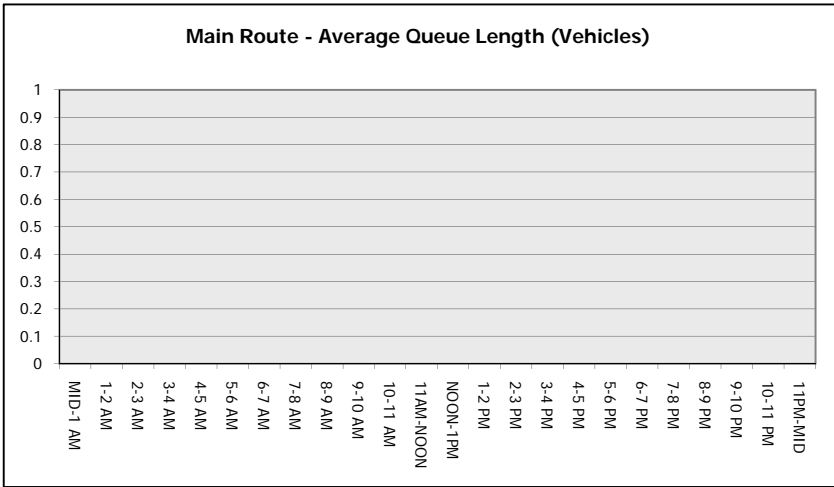
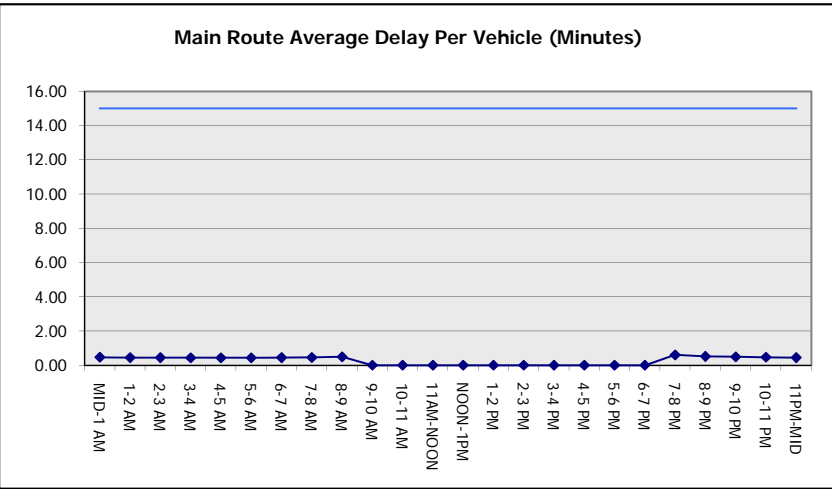
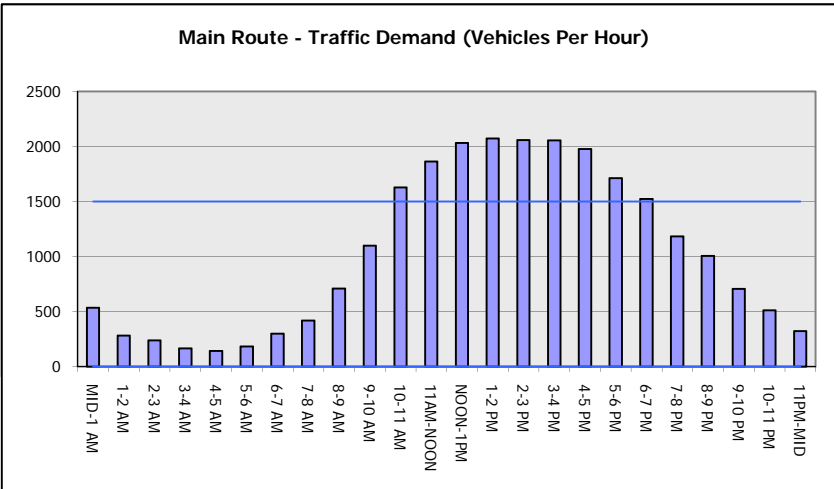
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0070
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$794
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
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**AUGUST**  
Analyzed for 2009  
Construction Season

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



<b>USH 41: CTH G TO CTH F (BROWN COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**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	332	0.0	1500	332	0	0.45	0	65.8	52.1	44.2
1-2 AM	183	0.0	1500	183	0	0.44	0	66.1	52.6	44.8
2-3 AM	180	0.0	1500	180	0	0.44	0	66.1	52.7	44.8
3-4 AM	139	0.0	1500	139	0	0.44	0	66.1	52.8	45.0
4-5 AM	98	0.0	1500	98	0	0.43	0	66.2	52.9	45.1
5-6 AM	187	0.0	1500	187	0	0.44	0	66.0	52.6	44.7
6-7 AM	277	0.0	1500	277	0	0.45	0	65.9	52.3	44.4
7-8 AM	406	0.0	1500	406	0	0.46	0	65.6	51.9	43.8
8-9 AM	597	0.0	1500	597	0	0.48	0	65.3	51.2	43.2
9-10 AM	921	0.0	OFF	921	0	0.00	0	64.6	64.6	64.6
10-11 AM	1261	0.0	OFF	1261	0	0.00	0	64.0	64.0	64.0
11AM-NOON	1497	0.0	OFF	1497	0	0.00	0	63.6	63.6	63.6
NOON-1PM	1591	0.0	OFF	1591	0	0.00	0	63.4	63.4	63.4
1-2 PM	1588	0.0	OFF	1588	0	0.00	0	63.4	63.4	63.4
2-3 PM	1551	0.0	OFF	1551	0	0.00	0	63.5	63.5	63.5
3-4 PM	1568	0.0	OFF	1568	0	0.00	0	63.5	63.5	63.5
4-5 PM	1533	0.0	OFF	1533	0	0.00	0	63.5	63.5	63.5
5-6 PM	1450	0.0	OFF	1450	0	0.00	0	63.7	63.7	63.7
6-7 PM	1239	0.0	OFF	1239	0	0.00	0	64.1	64.1	64.1
7-8 PM	990	0.0	1500	990	0	0.52	0	64.5	49.9	41.7
8-9 PM	815	0.0	1500	815	0	0.50	0	64.9	50.5	42.4
9-10 PM	581	0.0	1500	581	0	0.48	0	65.3	51.2	43.2
10-11 PM	429	0.0	1500	429	0	0.46	0	65.6	51.8	43.8
11PM-MID	253	0.0	1500	253	0	0.45	0	65.9	52.4	44.5

**"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	0.0060
MAIN ROUTE WITH WORKS	0.0056
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$617
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**  
**SUNDAY NORTHBOUND DIRECTION**

