

<b>USH 41: CTH B TO CTH M (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	166	0.0	1500	166	0	0.44	0	66.1	57.2	44.8	
1-2 AM	83	0.0	1500	83	0	0.43	0	66.2	57.4	45.1	
2-3 AM	87	0.0	1500	87	0	0.43	0	66.2	57.4	45.1	
3-4 AM	76	0.0	1500	76	0	0.43	0	66.3	57.4	45.2	
4-5 AM	117	0.0	1500	117	0	0.43	0	66.1	57.3	45.0	
5-6 AM	242	0.0	1500	242	0	0.45	0	66.0	56.9	44.5	
6-7 AM	278	0.0	1500	278	0	0.45	0	65.9	56.8	44.4	
7-8 AM	410	0.0	1500	410	0	0.46	0	65.6	56.4	43.8	
8-9 AM	745	0.0	1500	745	0	0.49	0	65.0	55.4	42.6	
9-10 AM	1258	0.0	OFF	1258	0	0.00	0	64.0	64.0	64.0	
10-11 AM	1679	0.0	OFF	1679	0	0.00	0	63.3	63.3	63.3	
11AM-NOON	2184	0.0	OFF	2184	0	0.00	0	62.3	62.3	62.3	
NOON-1PM	2397	0.0	OFF	2397	0	0.00	0	61.9	61.9	61.9	
1-2 PM	2312	0.0	OFF	2312	0	0.00	0	62.1	62.1	62.1	
2-3 PM	2283	0.0	OFF	2283	0	0.00	0	62.2	62.2	62.2	
3-4 PM	2311	0.0	OFF	2311	0	0.00	0	62.1	62.1	62.1	
4-5 PM	2144	0.0	OFF	2144	0	0.00	0	62.4	62.4	62.4	
5-6 PM	1988	0.0	OFF	1988	0	0.00	0	62.7	62.7	62.7	
6-7 PM	1561	0.0	OFF	1561	0	0.00	0	63.5	63.5	63.5	
7-8 PM	1246	0.0	1500	1246	0	0.70	0	64.1	51.7	37.0	
8-9 PM	906	0.0	1500	906	0	0.51	0	64.7	55.0	42.0	
9-10 PM	558	0.0	1500	558	0	0.48	0	65.3	56.0	43.3	
10-11 PM	336	0.0	1500	336	0	0.46	0	65.8	56.6	44.2	
11PM-MID	148	0.0	1500	148	0	0.44	0	66.1	57.2	44.9	

"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

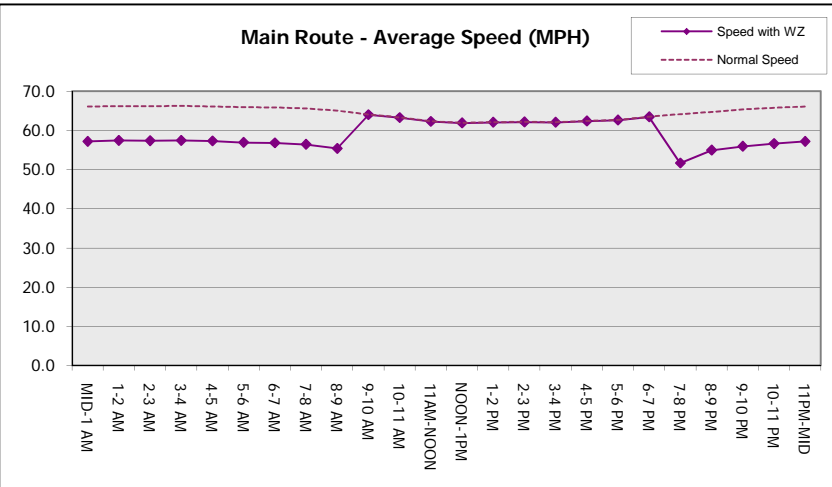
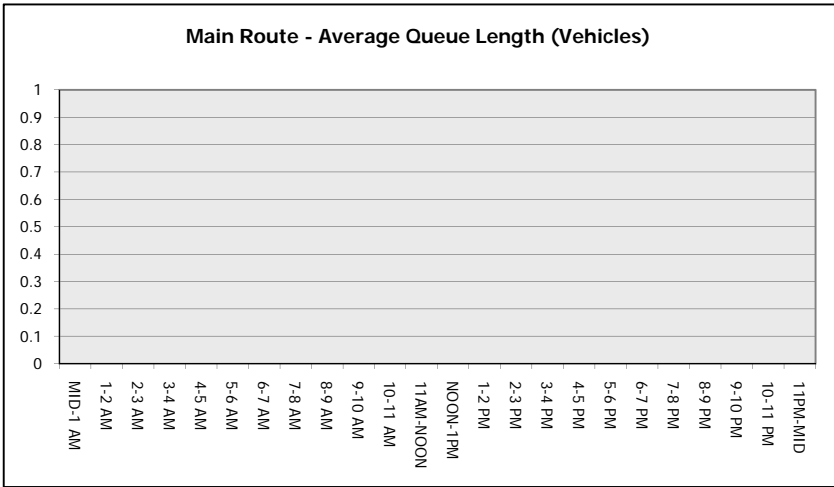
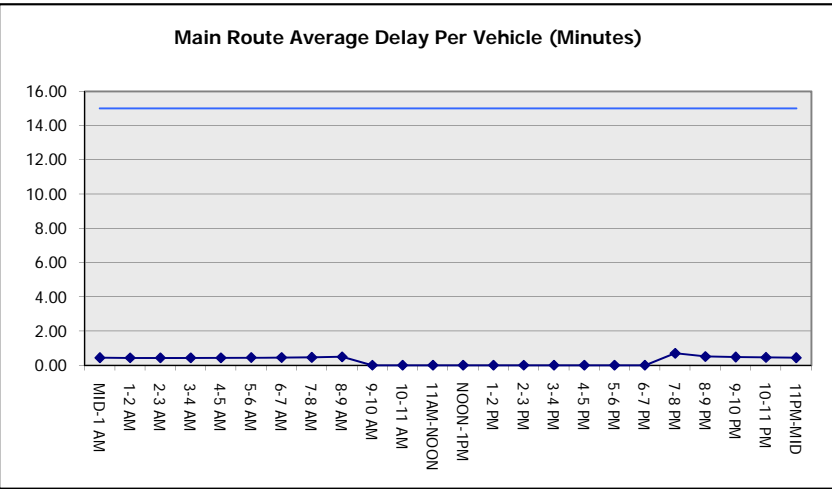
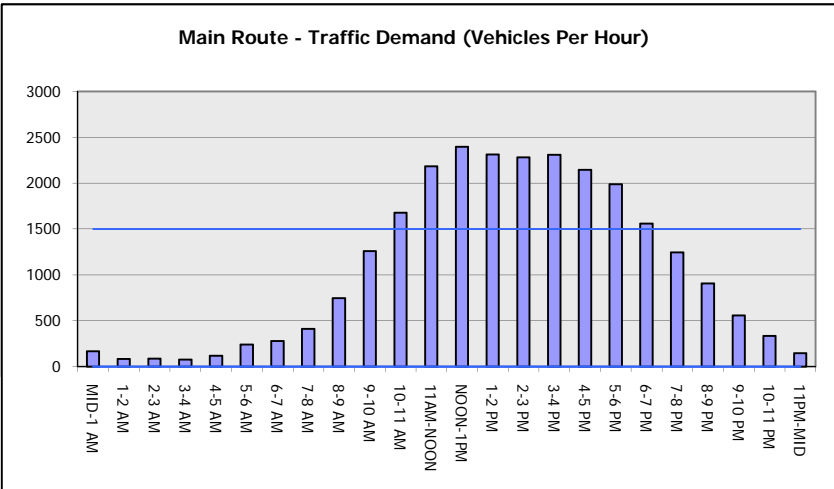
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0126
MAIN ROUTE WITH WORKS	0.0122
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$677
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 41: CTH B TO CTH M (BROWN COUNTY)  
NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

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



<b>USH 41: CTH B TO CTH M (BROWN COUNTY)                  NIGHTTIME CLOSURE                  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	240	0.0	1500	240	0	0.45	0	66.0	56.9	44.5
1-2 AM	144	0.0	1500	144	0	0.44	0	66.1	57.3	44.9
2-3 AM	116	0.0	1500	116	0	0.43	0	66.2	57.3	45.0
3-4 AM	76	0.0	1500	76	0	0.43	0	66.3	57.4	45.2
4-5 AM	64	0.0	1500	64	0	0.43	0	66.3	57.5	45.2
5-6 AM	107	0.0	1500	107	0	0.43	0	66.2	57.3	45.1
6-7 AM	236	0.0	1500	236	0	0.45	0	66.0	56.9	44.5
7-8 AM	296	0.0	1500	296	0	0.45	0	65.8	56.8	44.3
8-9 AM	436	0.0	1500	436	0	0.46	0	65.6	56.3	43.8
9-10 AM	694	0.0	OFF	694	0	0.00	0	65.1	65.1	65.1
10-11 AM	1014	0.0	OFF	1014	0	0.00	0	64.5	64.5	64.5
11AM-NOON	1240	0.0	OFF	1240	0	0.00	0	64.1	64.1	64.1
NOON-1PM	1329	0.0	OFF	1329	0	0.00	0	63.9	63.9	63.9
1-2 PM	1361	0.0	OFF	1361	0	0.00	0	63.8	63.8	63.8
2-3 PM	1339	0.0	OFF	1339	0	0.00	0	63.9	63.9	63.9
3-4 PM	1366	0.0	OFF	1366	0	0.00	0	63.8	63.8	63.8
4-5 PM	1292	0.0	OFF	1292	0	0.00	0	64.0	64.0	64.0
5-6 PM	1185	0.0	OFF	1185	0	0.00	0	64.1	64.1	64.1
6-7 PM	1024	0.0	OFF	1024	0	0.00	0	64.5	64.5	64.5
7-8 PM	785	0.0	1500	785	0	0.50	0	64.9	55.3	42.4
8-9 PM	622	0.0	1500	622	0	0.48	0	65.2	55.8	43.0
9-10 PM	420	0.0	1500	420	0	0.46	0	65.6	56.4	43.8
10-11 PM	314	0.0	1500	314	0	0.45	0	65.8	56.7	44.2
11PM-MID	208	0.0	1500	208	0	0.44	0	66.0	57.0	44.6

"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	0.0078
MAIN ROUTE WITH WORKS	0.0076
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$449
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
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Construction Season

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

