

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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY      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	62	0.0	1500	62	0	0.43	0	66.3	57.5	45.3
1-2 AM	56	0.0	1500	56	0	0.43	0	66.3	57.5	45.3
2-3 AM	105	0.0	1500	105	0	0.43	0	66.2	57.4	45.1
3-4 AM	126	0.0	1500	126	0	0.43	0	66.1	57.3	45.0
4-5 AM	400	0.0	1500	400	0	0.46	0	65.6	56.4	43.9
5-6 AM	1103	0.0	OFF	1103	0	0.00	0	64.3	64.3	64.3
6-7 AM	2105	0.0	OFF	2105	0	0.00	0	62.5	62.5	62.5
7-8 AM	2333	0.0	OFF	2333	0	0.00	0	62.0	62.0	62.0
8-9 AM	1547	0.0	OFF	1547	0	0.00	0	63.5	63.5	63.5
9-10 AM	1310	0.0	OFF	1310	0	0.00	0	64.0	64.0	64.0
10-11 AM	1239	0.0	OFF	1239	0	0.00	0	64.1	64.1	64.1
11AM-NOON	1179	0.0	OFF	1179	0	0.00	0	64.2	64.2	64.2
NOON-1PM	1199	0.0	OFF	1199	0	0.00	0	64.1	64.1	64.1
1-2 PM	1317	0.0	OFF	1317	0	0.00	0	63.9	63.9	63.9
2-3 PM	1272	0.0	OFF	1272	0	0.00	0	64.0	64.0	64.0
3-4 PM	1338	0.0	OFF	1338	0	0.00	0	63.9	63.9	63.9
4-5 PM	1525	0.0	OFF	1525	0	0.00	0	63.5	63.5	63.5
5-6 PM	1470	0.0	OFF	1470	0	0.00	0	63.7	63.7	63.7
6-7 PM	1055	0.0	OFF	1055	0	0.00	0	64.4	64.4	64.4
7-8 PM	752	0.0	1500	752	0	0.50	0	65.0	55.4	42.5
8-9 PM	504	0.0	1500	504	0	0.47	0	65.5	56.1	43.5
9-10 PM	421	0.0	1500	421	0	0.46	0	65.6	56.4	43.8
10-11 PM	322	0.0	1500	322	0	0.45	0	65.8	56.7	44.2
11PM-MID	183	0.0	1500	183	0	0.44	0	66.1	57.1	44.8

"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

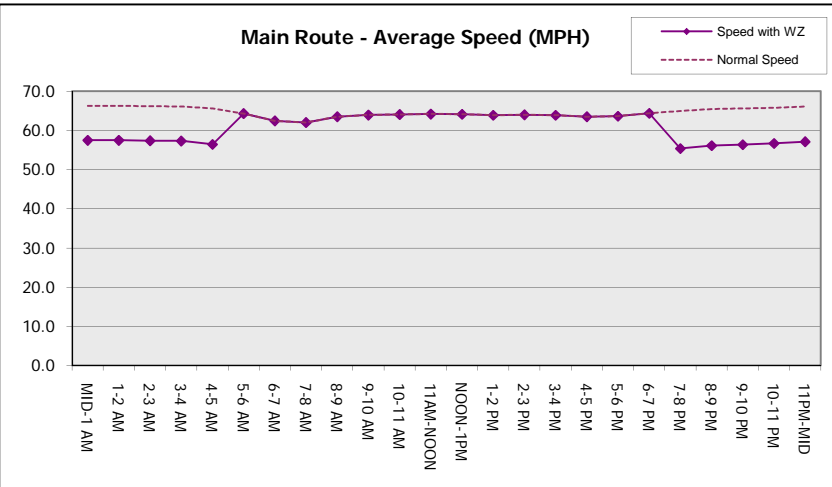
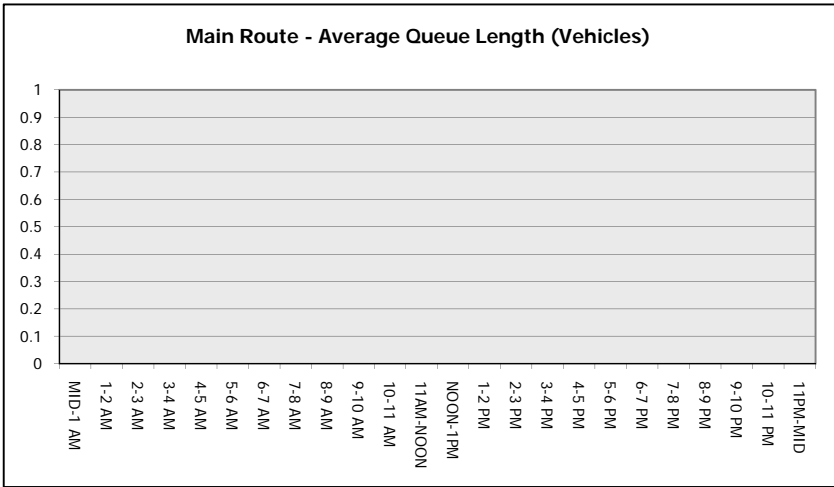
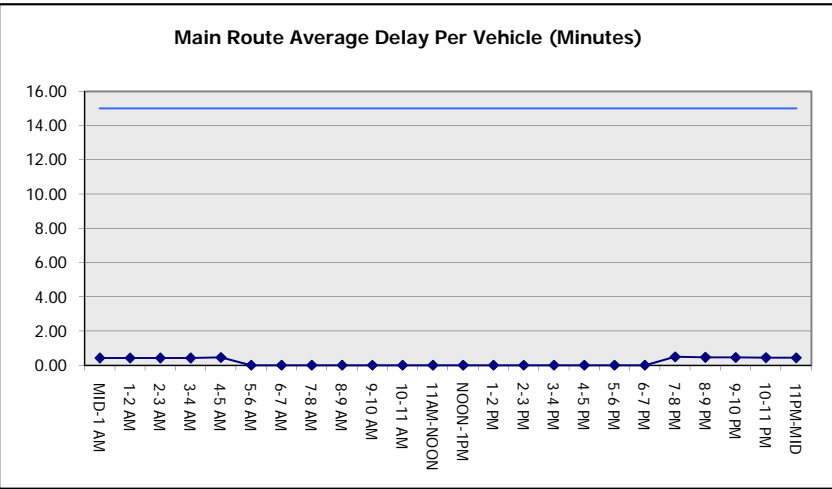
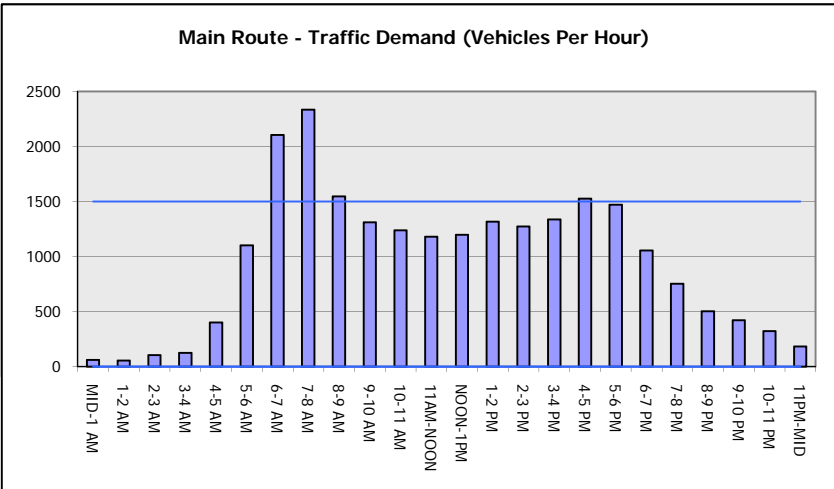
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0113
MAIN ROUTE WITH WORKS	0.0111
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$298
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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

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



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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY 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	173	0.0	1500	173	0	0.44	0	66.1	57.1	44.8
1-2 AM	128	0.0	1500	128	0	0.43	0	66.1	57.3	45.0
2-3 AM	107	0.0	1500	107	0	0.43	0	66.2	57.3	45.1
3-4 AM	122	0.0	1500	122	0	0.43	0	66.1	57.3	45.0
4-5 AM	196	0.0	1500	196	0	0.44	0	66.0	57.1	44.7
5-6 AM	296	0.0	OFF	296	0	0.00	0	65.8	65.8	65.8
6-7 AM	723	0.0	OFF	723	0	0.00	0	65.0	65.0	65.0
7-8 AM	865	0.0	OFF	865	0	0.00	0	64.8	64.8	64.8
8-9 AM	893	0.0	OFF	893	0	0.00	0	64.7	64.7	64.7
9-10 AM	965	0.0	OFF	965	0	0.00	0	64.6	64.6	64.6
10-11 AM	1167	0.0	OFF	1167	0	0.00	0	64.2	64.2	64.2
11AM-NOON	1355	0.0	OFF	1355	0	0.00	0	63.8	63.8	63.8
NOON-1PM	1570	0.0	OFF	1570	0	0.00	0	63.5	63.5	63.5
1-2 PM	1822	0.0	OFF	1822	0	0.00	0	63.0	63.0	63.0
2-3 PM	2077	0.0	OFF	2077	0	0.00	0	62.5	62.5	62.5
3-4 PM	2590	0.0	OFF	2590	0	0.00	0	60.0	60.0	60.0
4-5 PM	3125	0.0	OFF	3125	0	0.00	0	54.5	54.5	54.5
5-6 PM	2911	0.0	OFF	2911	0	0.00	0	56.7	56.7	56.7
6-7 PM	2157	0.0	OFF	2157	0	0.00	0	62.3	62.3	62.3
7-8 PM	1438	0.0	1499	1438	0	1.24	9	63.7	44.6	32.8
8-9 PM	1180	0.0	1500	1180	0	0.61	0	64.2	53.0	39.1
9-10 PM	923	0.0	1500	923	0	0.51	0	64.6	54.9	42.0
10-11 PM	669	0.0	1500	669	0	0.49	0	65.1	55.6	42.8
11PM-MID	501	0.0	1500	501	0	0.47	0	65.5	56.1	43.5

"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	0.0138
MAIN ROUTE WITH WORKS	0.0134
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$840
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY NORTHBOUND DIRECTION**

