

USH 41: CTH G TO CTH F (BROWN COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	229	0.0	1500	229	0	0.44	0	66.0	52.5	44.6	
1-2 AM	185	0.0	1500	185	0	0.44	0	66.0	52.6	44.7	
2-3 AM	180	0.0	1500	180	0	0.44	0	66.1	52.7	44.8	
3-4 AM	178	0.0	1500	178	0	0.44	0	66.1	52.7	44.8	
4-5 AM	374	0.0	1500	374	0	0.46	0	65.7	52.0	44.0	
5-6 AM	998	0.0	OFF	998	0	0.00	0	64.5	64.5	64.5	
6-7 AM	2131	0.0	OFF	2131	0	0.00	0	62.4	62.4	62.4	
7-8 AM	2719	0.0	OFF	2719	0	0.00	0	58.6	58.6	58.6	
8-9 AM	1818	0.0	OFF	1818	0	0.00	0	63.0	63.0	63.0	
9-10 AM	1567	0.0	OFF	1567	0	0.00	0	63.5	63.5	63.5	
10-11 AM	1586	0.0	OFF	1586	0	0.00	0	63.4	63.4	63.4	
11AM-NOON	1864	0.0	OFF	1864	0	0.00	0	62.9	62.9	62.9	
NOON-1PM	2024	0.0	OFF	2024	0	0.00	0	62.6	62.6	62.6	
1-2 PM	2112	0.0	OFF	2112	0	0.00	0	62.5	62.5	62.5	
2-3 PM	2180	0.0	OFF	2180	0	0.00	0	62.3	62.3	62.3	
3-4 PM	2495	0.0	OFF	2495	0	0.00	0	60.9	60.9	60.9	
4-5 PM	2908	0.0	OFF	2908	0	0.00	0	56.7	56.7	56.7	
5-6 PM	2493	0.0	OFF	2493	0	0.00	0	61.0	61.0	61.0	
6-7 PM	1619	0.0	OFF	1619	0	0.00	0	63.3	63.3	63.3	
7-8 PM	1114	0.0	1500	1114	0	0.53	0	64.3	49.5	41.3	
8-9 PM	959	0.0	1500	959	0	0.52	0	64.6	50.0	41.8	
9-10 PM	898	0.0	1500	898	0	0.51	0	64.7	50.2	42.0	
10-11 PM	829	0.0	1500	829	0	0.50	0	64.8	50.4	42.3	
11PM-MID	534	0.0	1500	534	0	0.47	0	65.4	51.4	43.3	

"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

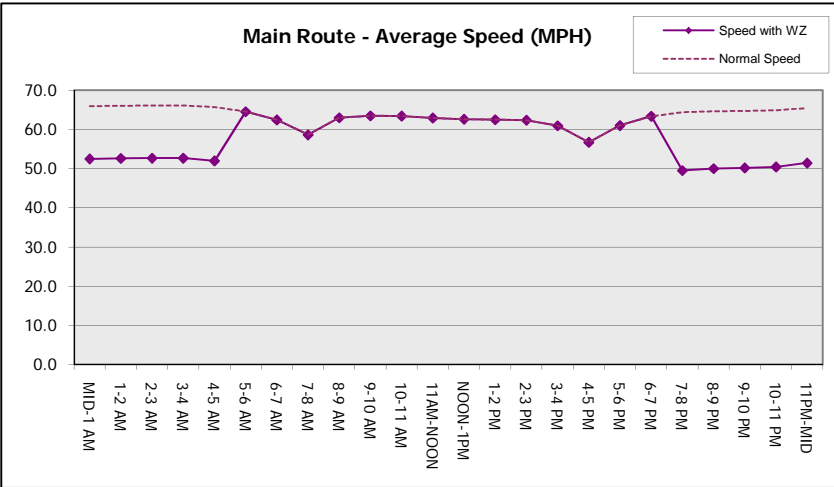
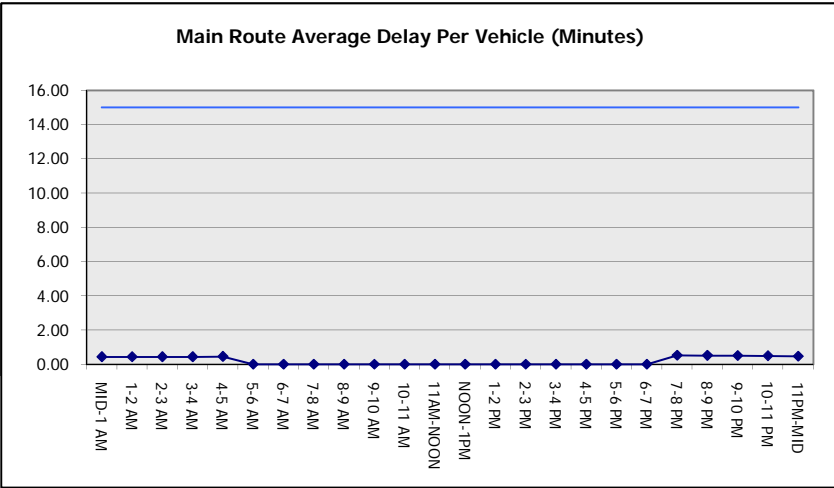
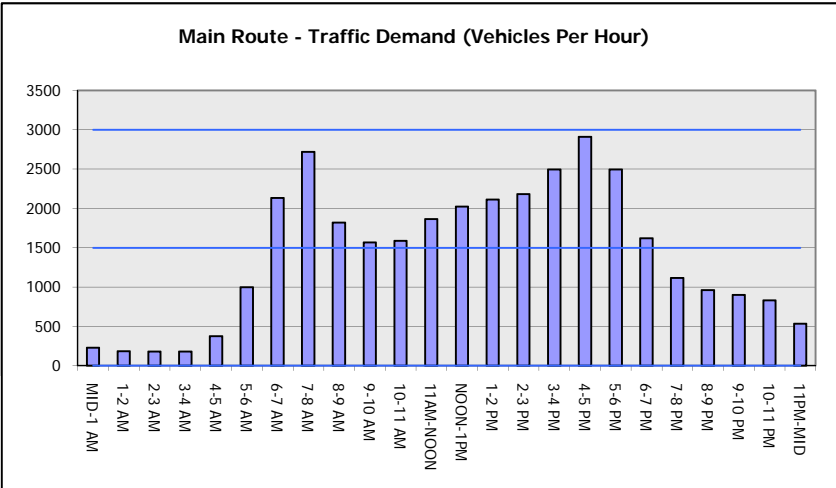
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0103
MAIN ROUTE WITH WORKS	0.0099
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$649
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



USH 41: CTH G TO CTH F (BROWN COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	191	0.0	1500	191	0	0.44	0	66.0	52.6	44.7
1-2 AM	129	0.0	1500	129	0	0.43	0	66.1	52.8	45.0
2-3 AM	155	0.0	1500	155	0	0.44	0	66.1	52.7	44.8
3-4 AM	151	0.0	1500	151	0	0.44	0	66.1	52.7	44.9
4-5 AM	253	0.0	1500	253	0	0.45	0	65.9	52.4	44.5
5-6 AM	692	0.0	OFF	692	0	0.00	0	65.1	65.1	65.1
6-7 AM	1679	0.0	OFF	1679	0	0.00	0	63.3	63.3	63.3
7-8 AM	2883	0.0	OFF	2883	0	0.00	0	56.9	56.9	56.9
8-9 AM	2108	0.0	OFF	2108	0	0.00	0	62.5	62.5	62.5
9-10 AM	1781	0.0	OFF	1781	0	0.00	0	63.1	63.1	63.1
10-11 AM	1737	0.0	OFF	1737	0	0.00	0	63.2	63.2	63.2
11AM-NOON	1993	0.0	OFF	1993	0	0.00	0	62.7	62.7	62.7
NOON-1PM	2211	0.0	OFF	2211	0	0.00	0	62.3	62.3	62.3
1-2 PM	2141	0.0	OFF	2141	0	0.00	0	62.4	62.4	62.4
2-3 PM	2377	0.0	OFF	2377	0	0.00	0	62.0	62.0	62.0
3-4 PM	2890	0.0	OFF	2890	0	0.00	0	56.9	56.9	56.9
4-5 PM	3265	0.0	OFF	3265	0	0.00	0	53.0	53.0	53.0
5-6 PM	2883	0.0	OFF	2883	0	0.00	0	56.9	56.9	56.9
6-7 PM	2080	0.0	OFF	2080	0	0.00	0	62.5	62.5	62.5
7-8 PM	1611	0.0	1499	1611	0	3.92	83	63.4	19.9	30.8
8-9 PM	1197	0.0	1500	1197	0	1.28	26	64.1	37.4	37.4
9-10 PM	1018	0.0	1500	1018	0	0.52	0	64.5	49.8	41.6
10-11 PM	794	0.0	1500	794	0	0.50	0	64.9	50.5	42.4
11PM-MID	493	0.0	1500	493	0	0.47	0	65.5	51.5	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	0.0111
MAIN ROUTE WITH WORKS	0.0107
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,237
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

