

USH 41: CTH M TO IH 43 (BROWN COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	118	0.0	1500	118	0	0.43	0	66.1	54.3	45.0	
1-2 AM	92	0.0	1500	92	0	0.43	0	66.2	54.4	45.1	
2-3 AM	94	0.0	1500	94	0	0.43	0	66.2	54.4	45.1	
3-4 AM	84	0.0	1500	84	0	0.43	0	66.2	54.5	45.1	
4-5 AM	213	0.0	1500	213	0	0.44	0	66.0	54.0	44.6	
5-6 AM	418	0.0	1500	418	0	0.46	0	65.6	53.3	43.8	
6-7 AM	638	0.0	1500	638	0	0.48	0	65.2	52.6	43.0	
7-8 AM	1084	0.0	1499	1084	0	0.57	0	64.3	50.4	40.4	
8-9 AM	1446	0.0	OFF	1446	0	0.00	0	63.7	63.7	63.7	
9-10 AM	1719	0.0	OFF	1719	0	0.00	0	63.2	63.2	63.2	
10-11 AM	1835	0.0	OFF	1835	0	0.00	0	63.0	63.0	63.0	
11AM-NOON	1685	0.0	OFF	1685	0	0.00	0	63.2	63.2	63.2	
NOON-1PM	1555	0.0	OFF	1555	0	0.00	0	63.5	63.5	63.5	
1-2 PM	1390	0.0	OFF	1390	0	0.00	0	63.8	63.8	63.8	
2-3 PM	1547	0.0	OFF	1547	0	0.00	0	63.5	63.5	63.5	
3-4 PM	1402	0.0	OFF	1402	0	0.00	0	63.8	63.8	63.8	
4-5 PM	1507	0.0	OFF	1507	0	0.00	0	63.6	63.6	63.6	
5-6 PM	1416	0.0	OFF	1416	0	0.00	0	63.8	63.8	63.8	
6-7 PM	1080	0.0	1500	1080	0	0.53	0	64.4	51.2	41.4	
7-8 PM	874	0.0	1500	874	0	0.51	0	64.8	51.9	42.1	
8-9 PM	729	0.0	1500	729	0	0.49	0	65.0	52.3	42.7	
9-10 PM	545	0.0	1500	545	0	0.48	0	65.4	52.9	43.3	
10-11 PM	405	0.0	1500	405	0	0.46	0	65.6	53.3	43.8	
11PM-MID	226	0.0	1500	226	0	0.44	0	66.0	54.0	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

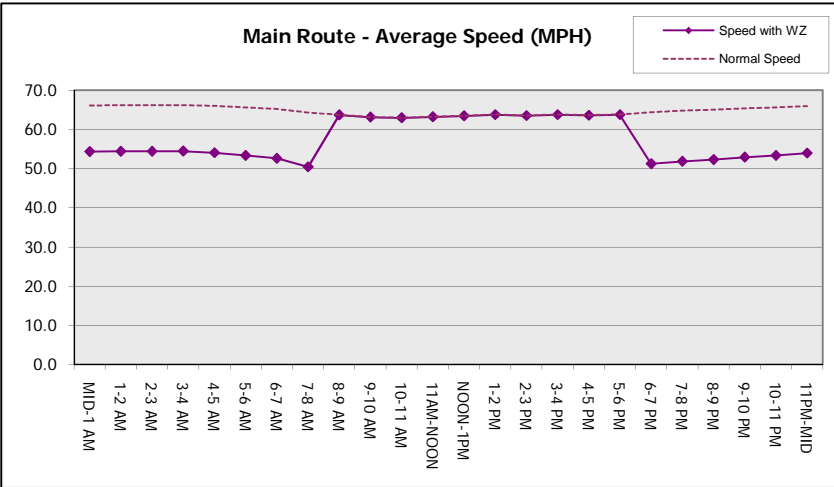
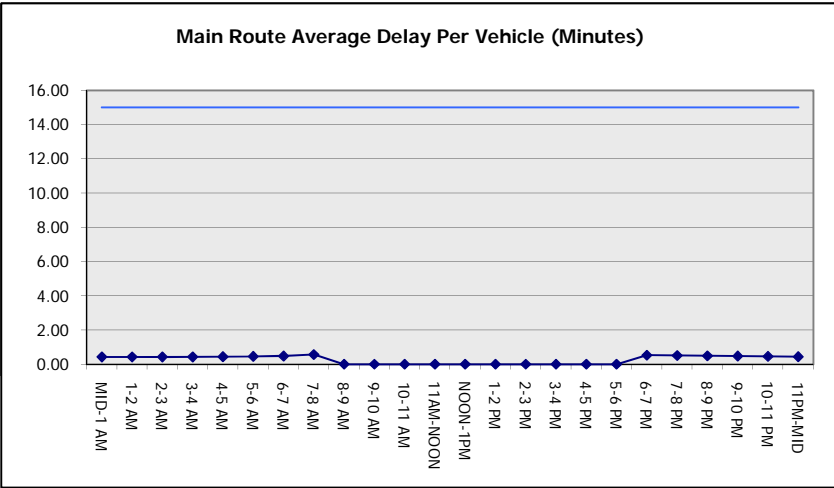
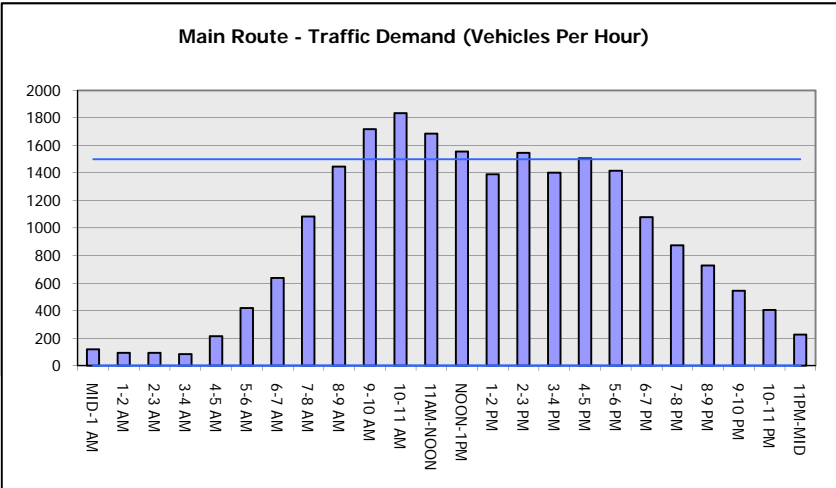
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0077
MAIN ROUTE WITH WORKS	0.0073
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$776
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 41: CTH M TO IH 43 (BROWN COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



USH 41: CTH M TO IH 43 (BROWN COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	324	0.0	1500	324	0	0.45	0	65.8	53.7	44.2
1-2 AM	218	0.0	1500	218	0	0.44	0	66.0	54.0	44.6
2-3 AM	148	0.0	1500	148	0	0.44	0	66.1	54.2	44.9
3-4 AM	133	0.0	1500	133	0	0.44	0	66.1	54.3	45.0
4-5 AM	171	0.0	1500	171	0	0.44	0	66.1	54.2	44.8
5-6 AM	291	0.0	1500	291	0	0.45	0	65.8	53.8	44.3
6-7 AM	557	0.0	1500	557	0	0.48	0	65.3	52.8	43.3
7-8 AM	825	0.0	1500	825	0	0.50	0	64.8	52.0	42.3
8-9 AM	1078	0.0	OFF	1078	0	0.00	0	64.4	64.4	64.4
9-10 AM	1344	0.0	OFF	1344	0	0.00	0	63.9	63.9	63.9
10-11 AM	1460	0.0	OFF	1460	0	0.00	0	63.7	63.7	63.7
11AM-NOON	1666	0.0	OFF	1666	0	0.00	0	63.3	63.3	63.3
NOON-1PM	1775	0.0	OFF	1775	0	0.00	0	63.1	63.1	63.1
1-2 PM	1678	0.0	OFF	1678	0	0.00	0	63.3	63.3	63.3
2-3 PM	1714	0.0	OFF	1714	0	0.00	0	63.2	63.2	63.2
3-4 PM	1759	0.0	OFF	1759	0	0.00	0	63.1	63.1	63.1
4-5 PM	1572	0.0	OFF	1572	0	0.00	0	63.5	63.5	63.5
5-6 PM	1284	0.0	OFF	1284	0	0.00	0	64.0	64.0	64.0
6-7 PM	1304	0.0	1500	1304	0	0.77	0	64.0	46.6	35.4
7-8 PM	934	0.0	1500	934	0	0.51	0	64.6	51.7	41.9
8-9 PM	903	0.0	1500	903	0	0.51	0	64.7	51.7	42.0
9-10 PM	744	0.0	1500	744	0	0.49	0	65.0	52.3	42.6
10-11 PM	578	0.0	1500	578	0	0.48	0	65.3	52.8	43.2
11PM-MID	421	0.0	1500	421	0	0.46	0	65.6	53.3	43.8

"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	0.0080
MAIN ROUTE WITH WORKS	0.0075
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$948
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 41: CTH M TO IH 43 (BROWN COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

