

USH 41: IH 43 TO STH 29 (BROWN COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	220	0.0	1500	220	0	0.44	0	66.0	53.0	44.6	
1-2 AM	150	0.0	1500	150	0	0.44	0	66.1	53.3	44.9	
2-3 AM	107	0.0	1500	107	0	0.43	0	66.2	53.4	45.1	
3-4 AM	76	0.0	1500	76	0	0.43	0	66.3	53.5	45.2	
4-5 AM	110	0.0	1500	110	0	0.43	0	66.2	53.4	45.0	
5-6 AM	235	0.0	1500	235	0	0.45	0	66.0	53.0	44.5	
6-7 AM	297	0.0	1500	297	0	0.45	0	65.8	52.8	44.3	
7-8 AM	476	0.0	1500	476	0	0.47	0	65.5	52.2	43.6	
8-9 AM	820	0.0	1500	820	0	0.50	0	64.8	51.0	42.3	
9-10 AM	1349	0.0	OFF	1349	0	0.00	0	63.9	63.9	63.9	
10-11 AM	1742	0.0	OFF	1742	0	0.00	0	63.2	63.2	63.2	
11AM-NOON	2025	0.0	OFF	2025	0	0.00	0	62.6	62.6	62.6	
NOON-1PM	2078	0.0	OFF	2078	0	0.00	0	62.5	62.5	62.5	
1-2 PM	1926	0.0	OFF	1926	0	0.00	0	62.8	62.8	62.8	
2-3 PM	1971	0.0	OFF	1971	0	0.00	0	62.7	62.7	62.7	
3-4 PM	1921	0.0	OFF	1921	0	0.00	0	62.8	62.8	62.8	
4-5 PM	1841	0.0	OFF	1841	0	0.00	0	63.0	63.0	63.0	
5-6 PM	1583	0.0	OFF	1583	0	0.00	0	63.5	63.5	63.5	
6-7 PM	1417	0.0	OFF	1417	0	0.00	0	63.7	63.7	63.7	
7-8 PM	1192	0.0	1500	1192	0	0.63	0	64.1	48.1	38.7	
8-9 PM	962	0.0	1500	962	0	0.52	0	64.6	50.5	41.8	
9-10 PM	662	0.0	1500	662	0	0.49	0	65.1	51.5	42.9	
10-11 PM	427	0.0	1500	427	0	0.46	0	65.6	52.4	43.8	
11PM-MID	225	0.0	1500	225	0	0.44	0	66.0	53.0	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

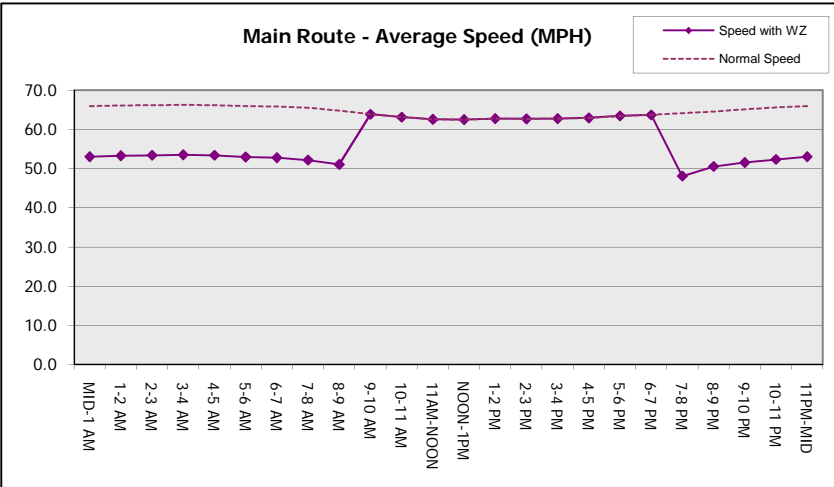
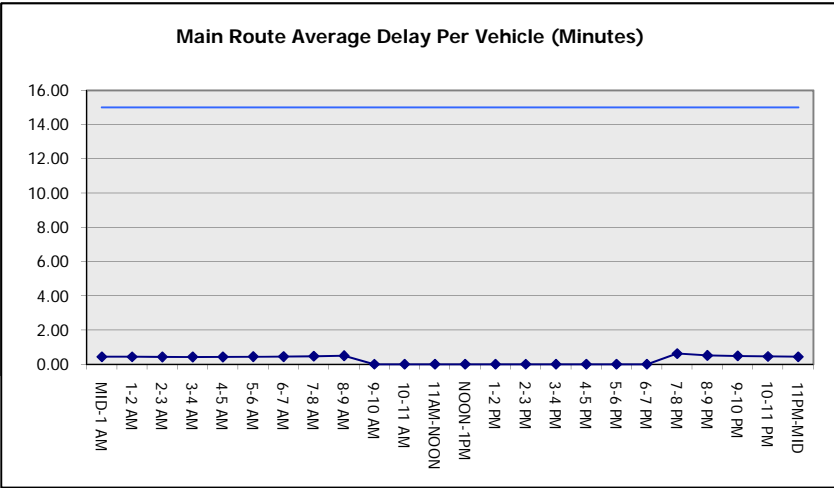
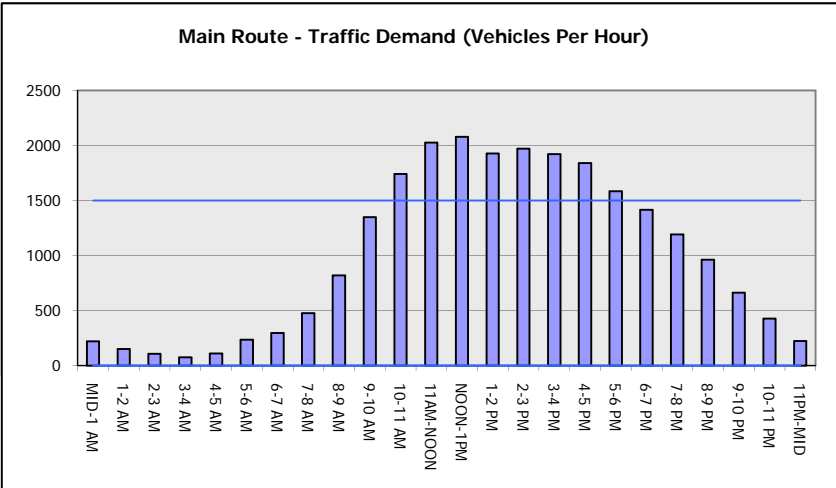
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0076
MAIN ROUTE WITH WORKS	0.0072
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$720
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 41: IH 43 TO STH 29 (BROWN COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY SOUTHBOUND DIRECTION



USH 41: IH 43 TO STH 29 (BROWN COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	327	0.0	1500	327	0	0.45	0	65.8	52.7	44.2
1-2 AM	175	0.0	1500	175	0	0.44	0	66.1	53.2	44.8
2-3 AM	151	0.0	1500	151	0	0.44	0	66.1	53.3	44.9
3-4 AM	130	0.0	1500	130	0	0.44	0	66.1	53.3	45.0
4-5 AM	99	0.0	1500	99	0	0.43	0	66.2	53.5	45.1
5-6 AM	154	0.0	1500	154	0	0.44	0	66.1	53.3	44.8
6-7 AM	252	0.0	1500	252	0	0.45	0	65.9	52.9	44.5
7-8 AM	347	0.0	1500	347	0	0.46	0	65.8	52.6	44.1
8-9 AM	589	0.0	1500	589	0	0.48	0	65.3	51.8	43.2
9-10 AM	1002	0.0	OFF	1002	0	0.00	0	64.5	64.5	64.5
10-11 AM	1412	0.0	OFF	1412	0	0.00	0	63.8	63.8	63.8
11AM-NOON	1774	0.0	OFF	1774	0	0.00	0	63.1	63.1	63.1
NOON-1PM	1876	0.0	OFF	1876	0	0.00	0	62.9	62.9	62.9
1-2 PM	1786	0.0	OFF	1786	0	0.00	0	63.0	63.0	63.0
2-3 PM	1736	0.0	OFF	1736	0	0.00	0	63.2	63.2	63.2
3-4 PM	1599	0.0	OFF	1599	0	0.00	0	63.4	63.4	63.4
4-5 PM	1592	0.0	OFF	1592	0	0.00	0	63.4	63.4	63.4
5-6 PM	1515	0.0	OFF	1515	0	0.00	0	63.6	63.6	63.6
6-7 PM	1319	0.0	OFF	1319	0	0.00	0	63.9	63.9	63.9
7-8 PM	1042	0.0	1500	1042	0	0.52	0	64.5	50.3	41.5
8-9 PM	829	0.0	1500	829	0	0.50	0	64.8	51.0	42.3
9-10 PM	593	0.0	1500	593	0	0.48	0	65.3	51.8	43.2
10-11 PM	497	0.0	1500	497	0	0.47	0	65.5	52.1	43.5
11PM-MID	352	0.0	1500	352	0	0.46	0	65.7	52.6	44.1

"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	0.0067
MAIN ROUTE WITH WORKS	0.0064
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$629
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 41: IH 43 TO STH 29 (BROWN COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

