

<b>USH 41: IH 43 TO STH 29 (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                  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	130	0.0	1500	130	0	0.44	0	66.1	53.3	45.0	
1-2 AM	91	0.0	1500	91	0	0.43	0	66.2	53.5	45.1	
2-3 AM	90	0.0	1500	90	0	0.43	0	66.2	53.5	45.1	
3-4 AM	91	0.0	1500	91	0	0.43	0	66.2	53.5	45.1	
4-5 AM	277	0.0	1500	277	0	0.45	0	65.9	52.8	44.4	
5-6 AM	813	0.0	OFF	813	0	0.00	0	64.9	64.9	64.9	
6-7 AM	1510	0.0	OFF	1510	0	0.00	0	63.6	63.6	63.6	
7-8 AM	1883	0.0	OFF	1883	0	0.00	0	62.8	62.8	62.8	
8-9 AM	1384	0.0	OFF	1384	0	0.00	0	63.8	63.8	63.8	
9-10 AM	1292	0.0	OFF	1292	0	0.00	0	64.0	64.0	64.0	
10-11 AM	1678	0.0	OFF	1678	0	0.00	0	63.3	63.3	63.3	
11AM-NOON	1766	0.0	OFF	1766	0	0.00	0	63.1	63.1	63.1	
NOON-1PM	1869	0.0	OFF	1869	0	0.00	0	62.9	62.9	62.9	
1-2 PM	1946	0.0	OFF	1946	0	0.00	0	62.8	62.8	62.8	
2-3 PM	2005	0.0	OFF	2005	0	0.00	0	62.7	62.7	62.7	
3-4 PM	2153	0.0	OFF	2153	0	0.00	0	62.3	62.3	62.3	
4-5 PM	2282	0.0	OFF	2282	0	0.00	0	62.2	62.2	62.2	
5-6 PM	2025	0.0	OFF	2025	0	0.00	0	62.6	62.6	62.6	
6-7 PM	1501	0.0	OFF	1501	0	0.00	0	63.6	63.6	63.6	
7-8 PM	1114	0.0	1500	1114	0	0.53	0	64.3	50.1	41.3	
8-9 PM	848	0.0	1500	848	0	0.50	0	64.8	50.9	42.2	
9-10 PM	665	0.0	1500	665	0	0.49	0	65.1	51.5	42.9	
10-11 PM	442	0.0	1500	442	0	0.47	0	65.6	52.3	43.7	
11PM-MID	196	0.0	1500	196	0	0.44	0	66.0	53.1	44.7	

"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

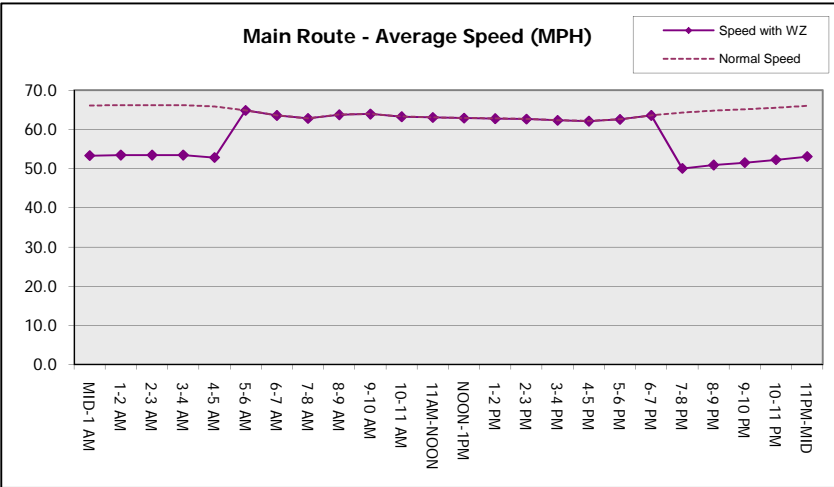
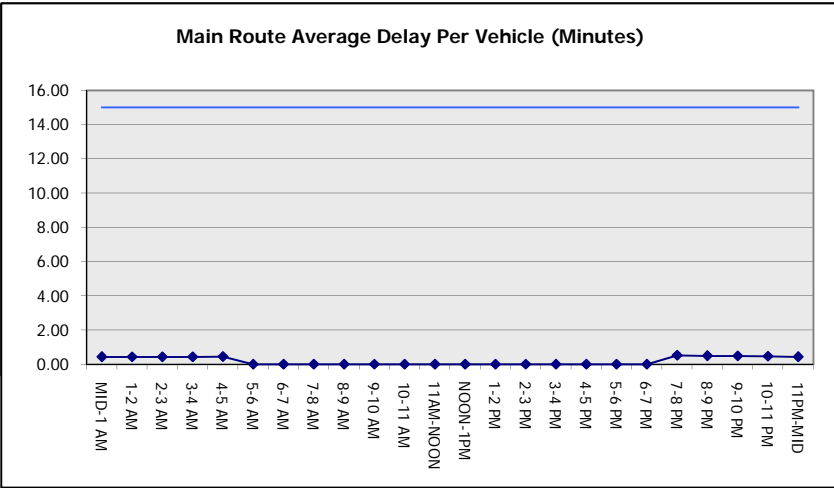
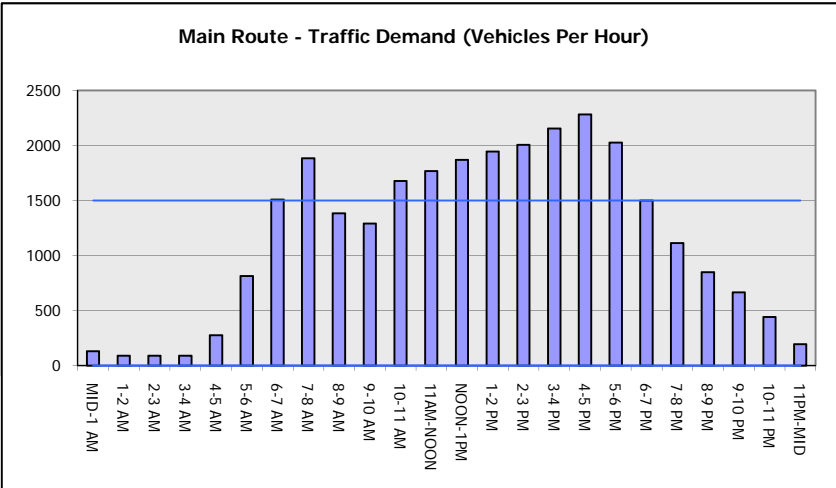
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0089
MAIN ROUTE WITH WORKS	0.0087
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$409
CONGESTED HOURS PER DAY*	0

\*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**  
**MON-THUR SOUTHBOUND DIRECTION**



<b>USH 41: IH 43 TO STH 29 (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	163	0.0	1500	163	0	0.44	0	66.1	53.2	44.8
1-2 AM	115	0.0	1500	115	0	0.43	0	66.2	53.4	45.0
2-3 AM	107	0.0	1500	107	0	0.43	0	66.2	53.4	45.1
3-4 AM	108	0.0	1500	108	0	0.43	0	66.2	53.4	45.1
4-5 AM	167	0.0	1500	167	0	0.44	0	66.1	53.2	44.8
5-6 AM	384	0.0	OFF	384	0	0.00	0	65.6	65.6	65.6
6-7 AM	775	0.0	OFF	775	0	0.00	0	65.0	65.0	65.0
7-8 AM	922	0.0	OFF	922	0	0.00	0	64.6	64.6	64.6
8-9 AM	885	0.0	OFF	885	0	0.00	0	64.7	64.7	64.7
9-10 AM	952	0.0	OFF	952	0	0.00	0	64.6	64.6	64.6
10-11 AM	1364	0.0	OFF	1364	0	0.00	0	63.8	63.8	63.8
11AM-NOON	1520	0.0	OFF	1520	0	0.00	0	63.5	63.5	63.5
NOON-1PM	1607	0.0	OFF	1607	0	0.00	0	63.4	63.4	63.4
1-2 PM	1727	0.0	OFF	1727	0	0.00	0	63.2	63.2	63.2
2-3 PM	1937	0.0	OFF	1937	0	0.00	0	62.8	62.8	62.8
3-4 PM	2505	0.0	OFF	2505	0	0.00	0	60.9	60.9	60.9
4-5 PM	2878	0.0	OFF	2878	0	0.00	0	57.0	57.0	57.0
5-6 PM	2664	0.0	OFF	2664	0	0.00	0	59.2	59.2	59.2
6-7 PM	1823	0.0	OFF	1823	0	0.00	0	63.0	63.0	63.0
7-8 PM	1336	0.0	1500	1336	0	0.81	0	63.9	44.6	34.5
8-9 PM	1127	0.0	1500	1127	0	0.54	0	64.3	49.8	40.9
9-10 PM	910	0.0	1500	910	0	0.51	0	64.7	50.7	42.0
10-11 PM	542	0.0	1500	542	0	0.48	0	65.4	51.9	43.3
11PM-MID	390	0.0	1500	390	0	0.46	0	65.6	52.5	43.9

"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	0.0086
MAIN ROUTE WITH WORKS	0.0082
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$610
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  
MON-THUR NORTHBOUND DIRECTION**

