

<b>IH 43: STH 54/57 TO STH 172 (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      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	116	0.0	1500	116	0	0.43	0	66.2	60.5	45.0
1-2 AM	70	0.0	1500	70	0	0.43	0	66.3	60.6	45.2
2-3 AM	69	0.0	1500	69	0	0.43	0	66.3	60.6	45.2
3-4 AM	100	0.0	1500	100	0	0.43	0	66.2	60.5	45.1
4-5 AM	233	0.0	1500	233	0	0.45	0	66.0	60.2	44.5
5-6 AM	707	0.0	OFF	707	0	0.00	0	65.1	65.1	65.1
6-7 AM	1558	0.0	OFF	1558	0	0.00	0	63.5	63.5	63.5
7-8 AM	2087	0.0	OFF	2087	0	0.00	0	62.5	62.5	62.5
8-9 AM	1513	0.0	OFF	1513	0	0.00	0	63.6	63.6	63.6
9-10 AM	1292	0.0	OFF	1292	0	0.00	0	64.0	64.0	64.0
10-11 AM	1364	0.0	OFF	1364	0	0.00	0	63.8	63.8	63.8
11AM-NOON	1482	0.0	OFF	1482	0	0.00	0	63.7	63.7	63.7
NOON-1PM	1518	0.0	OFF	1518	0	0.00	0	63.5	63.5	63.5
1-2 PM	1575	0.0	OFF	1575	0	0.00	0	63.5	63.5	63.5
2-3 PM	1708	0.0	OFF	1708	0	0.00	0	63.2	63.2	63.2
3-4 PM	1815	0.0	OFF	1815	0	0.00	0	63.0	63.0	63.0
4-5 PM	1933	0.0	OFF	1933	0	0.00	0	62.8	62.8	62.8
5-6 PM	1844	0.0	OFF	1844	0	0.00	0	63.0	63.0	63.0
6-7 PM	1359	0.0	OFF	1359	0	0.00	0	63.8	63.8	63.8
7-8 PM	997	0.0	1500	997	0	0.52	0	64.5	58.2	41.7
8-9 PM	777	0.0	1500	777	0	0.50	0	65.0	58.7	42.5
9-10 PM	648	0.0	1500	648	0	0.49	0	65.2	59.1	43.0
10-11 PM	447	0.0	1500	447	0	0.47	0	65.6	59.6	43.7
11PM-MID	298	0.0	1500	298	0	0.45	0	65.8	60.0	44.3

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(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	0
(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	0.0207
MAIN ROUTE WITH WORKS	0.0205
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$400
CONGESTED HOURS PER DAY*	0

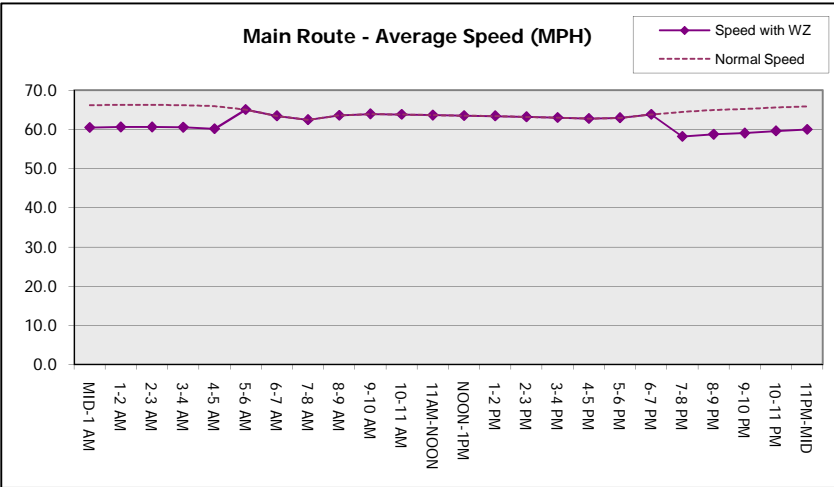
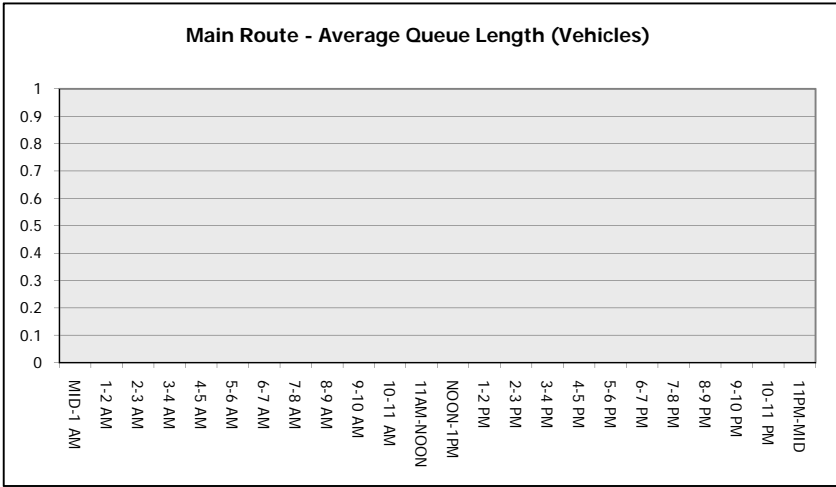
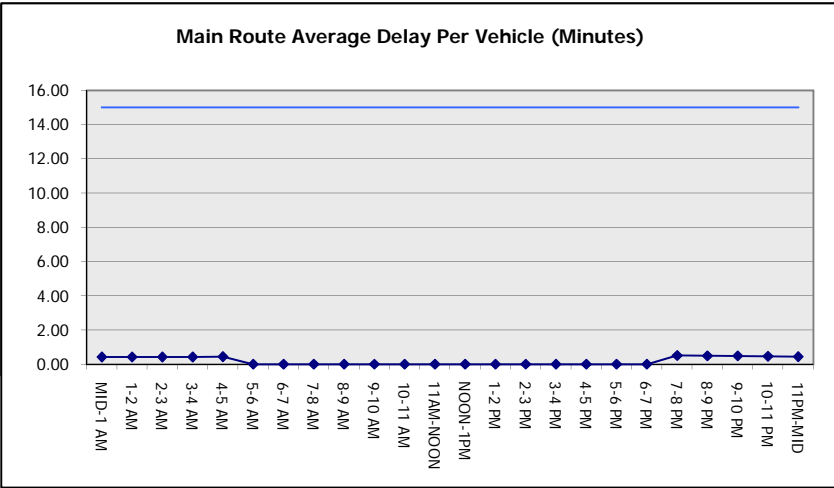
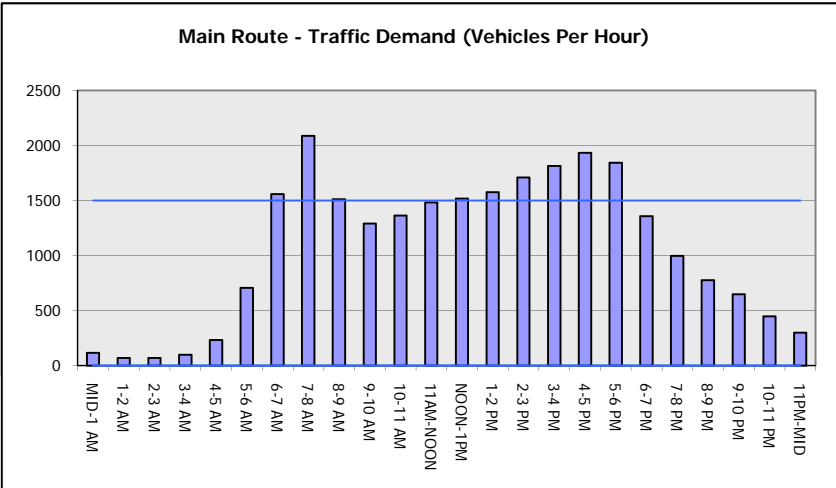
\*Delays Exceeding User-Specified Maximum

**IH 43: STH 54/57 TO STH 172 (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**



<b>IH 43: STH 54/57 TO STH 172 (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	189	0.0	1500	189	0	0.44	0	66.0	60.3	44.7
1-2 AM	111	0.0	1500	111	0	0.43	0	66.2	60.5	45.0
2-3 AM	117	0.0	1500	117	0	0.43	0	66.1	60.5	45.0
3-4 AM	85	0.0	1500	85	0	0.43	0	66.2	60.6	45.1
4-5 AM	142	0.0	1500	142	0	0.44	0	66.1	60.4	44.9
5-6 AM	401	0.0	OFF	401	0	0.00	0	65.6	65.6	65.6
6-7 AM	918	0.0	OFF	918	0	0.00	0	64.6	64.6	64.6
7-8 AM	1380	0.0	OFF	1380	0	0.00	0	63.8	63.8	63.8
8-9 AM	1274	0.0	OFF	1274	0	0.00	0	64.0	64.0	64.0
9-10 AM	1177	0.0	OFF	1177	0	0.00	0	64.2	64.2	64.2
10-11 AM	1275	0.0	OFF	1275	0	0.00	0	64.0	64.0	64.0
11AM-NOON	1385	0.0	OFF	1385	0	0.00	0	63.8	63.8	63.8
NOON-1PM	1594	0.0	OFF	1594	0	0.00	0	63.4	63.4	63.4
1-2 PM	1661	0.0	OFF	1661	0	0.00	0	63.3	63.3	63.3
2-3 PM	1937	0.0	OFF	1937	0	0.00	0	62.8	62.8	62.8
3-4 PM	2329	0.0	OFF	2329	0	0.00	0	62.0	62.0	62.0
4-5 PM	2784	0.0	OFF	2784	0	0.00	0	58.0	58.0	58.0
5-6 PM	2527	0.0	OFF	2527	0	0.00	0	60.6	60.6	60.6
6-7 PM	1927	0.0	OFF	1927	0	0.00	0	62.8	62.8	62.8
7-8 PM	1419	0.0	1499	1419	0	0.97	1	63.7	53.0	32.8
8-9 PM	1168	0.0	1500	1168	0	0.59	0	64.2	57.1	39.5
9-10 PM	978	0.0	1500	978	0	0.52	0	64.6	58.2	41.7
10-11 PM	736	0.0	1500	736	0	0.49	0	65.0	58.9	42.6
11PM-MID	498	0.0	1500	498	0	0.47	0	65.5	59.5	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	0.0227
MAIN ROUTE WITH WORKS	0.0224
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$755
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**IH 43: STH 54/57 TO STH 172 (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**

