

<b>IH 43: STH 54/57 TO STH 172 (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	182	0.0	1500	182	0	0.44	0	66.1	60.3	44.8
1-2 AM	108	0.0	1500	108	0	0.43	0	66.2	60.5	45.1
2-3 AM	110	0.0	1500	110	0	0.43	0	66.2	60.5	45.0
3-4 AM	87	0.0	1500	87	0	0.43	0	66.2	60.5	45.1
4-5 AM	128	0.0	1500	128	0	0.43	0	66.1	60.5	45.0
5-6 AM	256	0.0	1500	256	0	0.45	0	65.9	60.1	44.5
6-7 AM	471	0.0	1500	471	0	0.47	0	65.5	59.6	43.6
7-8 AM	751	0.0	1500	751	0	0.50	0	65.0	58.8	42.5
8-9 AM	1025	0.0	1500	1025	0	0.52	0	64.5	58.1	41.6
9-10 AM	1183	0.0	1500	1183	0	0.62	0	64.1	56.8	39.0
10-11 AM	1413	0.0	1500	1413	0	0.91	0	63.8	53.6	32.7
11AM-NOON	1420	0.0	1500	1420	0	0.92	0	63.7	53.5	32.5
NOON-1PM	1423	0.0	1500	1423	0	0.92	0	63.7	53.4	32.4
1-2 PM	1391	0.0	1500	1391	0	0.88	0	63.8	53.9	33.2
2-3 PM	1416	0.0	1500	1416	0	0.92	0	63.8	53.5	32.6
3-4 PM	1400	0.0	1500	1400	0	0.90	0	63.8	53.7	33.0
4-5 PM	1330	0.0	1500	1330	0	0.80	0	63.9	54.7	34.7
5-6 PM	1249	0.0	1500	1249	0	0.70	0	64.1	55.9	36.9
6-7 PM	1081	0.0	1500	1081	0	0.53	0	64.4	57.9	41.4
7-8 PM	863	0.0	1500	863	0	0.51	0	64.8	58.5	42.2
8-9 PM	724	0.0	1500	724	0	0.49	0	65.0	58.9	42.7
9-10 PM	562	0.0	1500	562	0	0.48	0	65.3	59.3	43.3
10-11 PM	420	0.0	1500	420	0	0.46	0	65.6	59.7	43.8
11PM-MID	250	0.0	1500	250	0	0.45	0	65.9	60.1	44.5

*----- 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

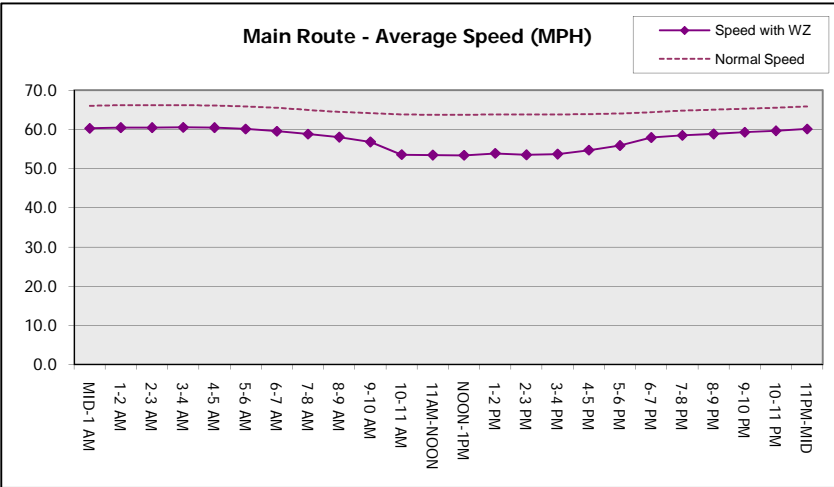
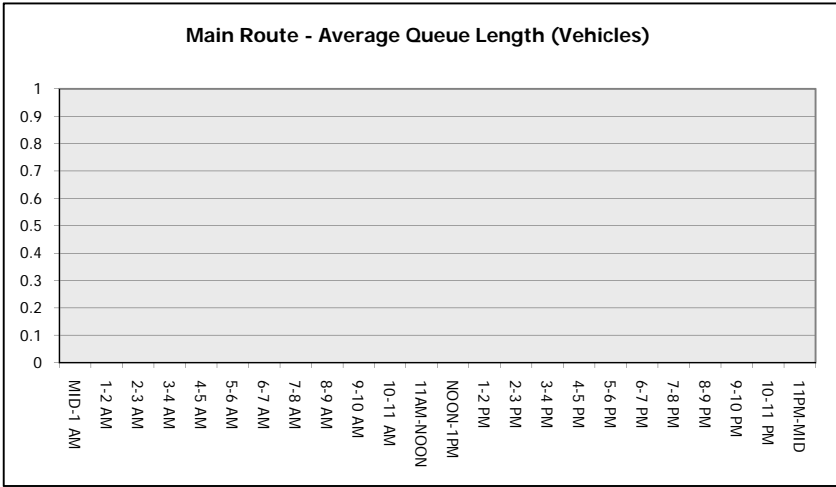
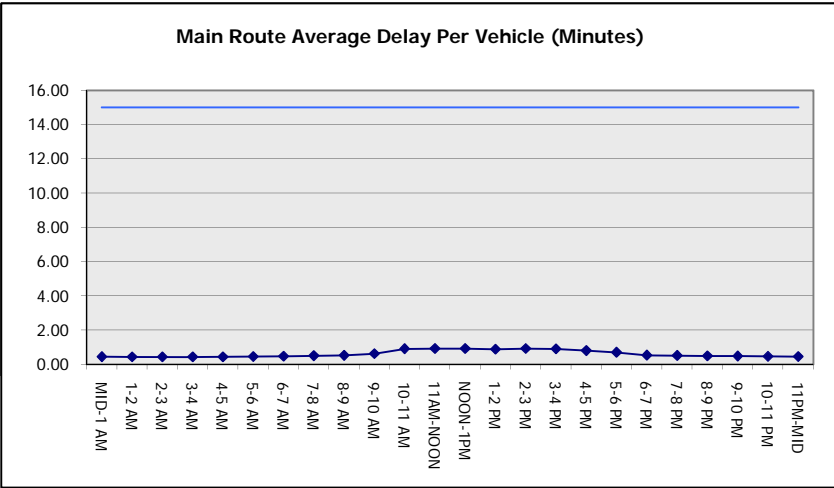
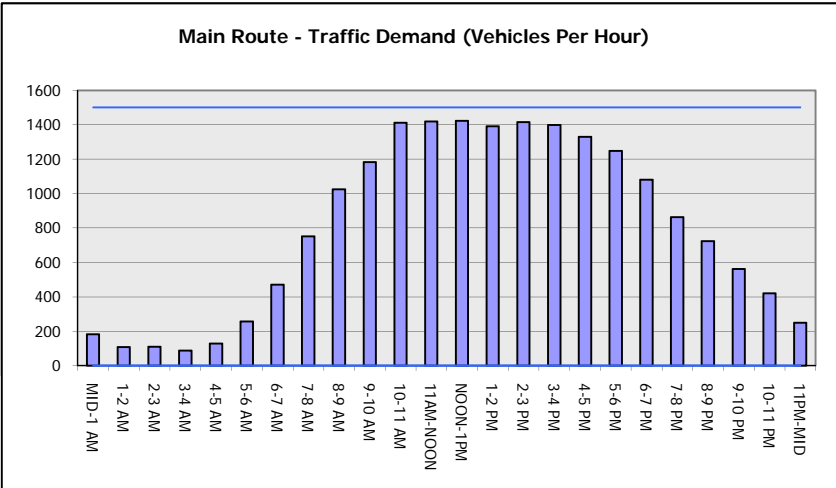
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0156
MAIN ROUTE WITH WORKS	0.0144
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,610
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY SOUTHBOUND DIRECTION**



<b>IH 43: STH 54/57 TO STH 172 (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	279	0.0	1500	279	0	0.45	0	65.9	60.1	44.3
1-2 AM	153	0.0	1500	153	0	0.44	0	66.1	60.4	44.9
2-3 AM	137	0.0	1500	137	0	0.44	0	66.1	60.4	45.0
3-4 AM	97	0.0	1500	97	0	0.43	0	66.2	60.5	45.1
4-5 AM	100	0.0	1500	100	0	0.43	0	66.2	60.5	45.1
5-6 AM	189	0.0	1500	189	0	0.44	0	66.0	60.3	44.7
6-7 AM	383	0.0	1500	383	0	0.46	0	65.7	59.8	44.0
7-8 AM	619	0.0	1500	619	0	0.48	0	65.2	59.1	43.0
8-9 AM	931	0.0	1500	931	0	0.51	0	64.6	58.3	41.9
9-10 AM	1161	0.0	1500	1161	0	0.59	0	64.2	57.2	39.7
10-11 AM	1320	0.0	1500	1320	0	0.79	0	63.9	54.8	35.0
11AM-NOON	1471	0.0	1500	1471	0	0.99	0	63.7	52.8	31.4
NOON-1PM	1470	0.0	1500	1470	0	0.99	0	63.7	52.8	31.4
1-2 PM	1437	0.0	1500	1437	0	0.94	0	63.7	53.3	32.1
2-3 PM	1395	0.0	1500	1395	0	0.89	0	63.8	53.8	33.1
3-4 PM	1331	0.0	1500	1331	0	0.81	0	63.9	54.7	34.7
4-5 PM	1234	0.0	1500	1234	0	0.68	0	64.1	56.1	37.4
5-6 PM	1209	0.0	1500	1209	0	0.65	0	64.1	56.4	38.2
6-7 PM	980	0.0	1500	980	0	0.52	0	64.6	58.2	41.7
7-8 PM	802	0.0	1500	802	0	0.50	0	64.9	58.7	42.4
8-9 PM	690	0.0	1500	690	0	0.49	0	65.1	58.9	42.8
9-10 PM	635	0.0	1500	635	0	0.48	0	65.2	59.1	43.0
10-11 PM	549	0.0	1500	549	0	0.48	0	65.4	59.3	43.3
11PM-MID	396	0.0	1500	396	0	0.46	0	65.6	59.7	43.9

*----- 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	0.0154
MAIN ROUTE WITH WORKS	0.0141
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,476
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**SATURDAY NORTHBOUND DIRECTION**

