

IH 43: STH 54/57 TO STH 172 (BROWN COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	1500	707	0	0.49	0	65.1	58.9	42.7	
6-7 AM	1558	0.0	1499	1558	0	1.81	28	63.5	46.1	32.0	
7-8 AM	2087	0.0	1500	1797	291	12.68+	331	62.5	17.4	30.8	
8-9 AM	1513	0.0	1500	1457	56	15.66+	395	63.6	15.0	30.8	
9-10 AM	1292	0.0	1499	1292	0	10.73	269	64.0	19.7	30.8	
10-11 AM	1364	0.0	1500	1364	0	4.03	87	63.8	34.7	31.3	
11AM-NOON	1482	0.0	1500	1482	0	1.43	11	63.7	49.1	30.9	
NOON-1PM	1518	0.0	1500	1518	0	1.50	13	63.5	48.4	30.8	
1-2 PM	1575	0.0	1500	1575	0	3.05	56	63.5	38.9	30.8	
2-3 PM	1708	0.0	1500	1708	0	7.95	196	63.2	23.9	30.8	
3-4 PM	1815	0.0	1499	1626	189	15.28+	387	63.0	15.2	30.8	
4-5 PM	1933	0.0	1500	1500	433	15.79+	400	62.8	14.8	30.8	
5-6 PM	1844	0.0	1500	1490	354	15.76+	398	63.0	14.8	30.8	
6-7 PM	1359	0.0	1499	1322	37	13.76+	347	63.8	16.5	30.8	
7-8 PM	997	0.0	1499	997	0	2.26	69	64.5	43.7	39.2	
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	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- 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

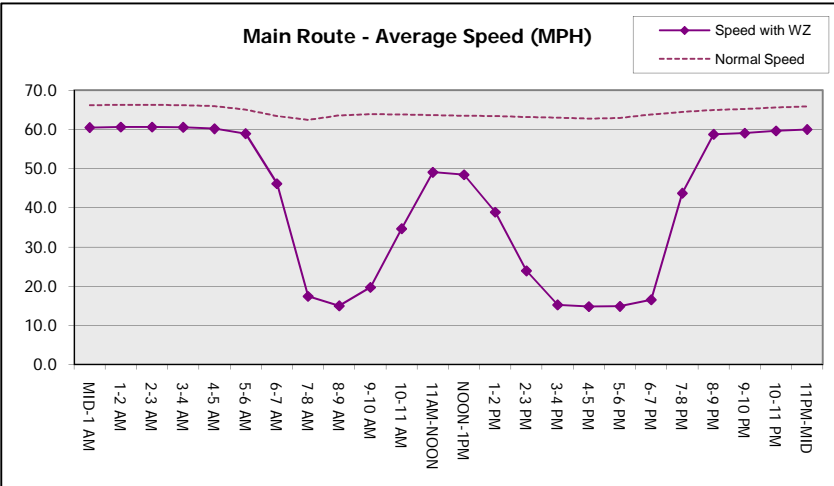
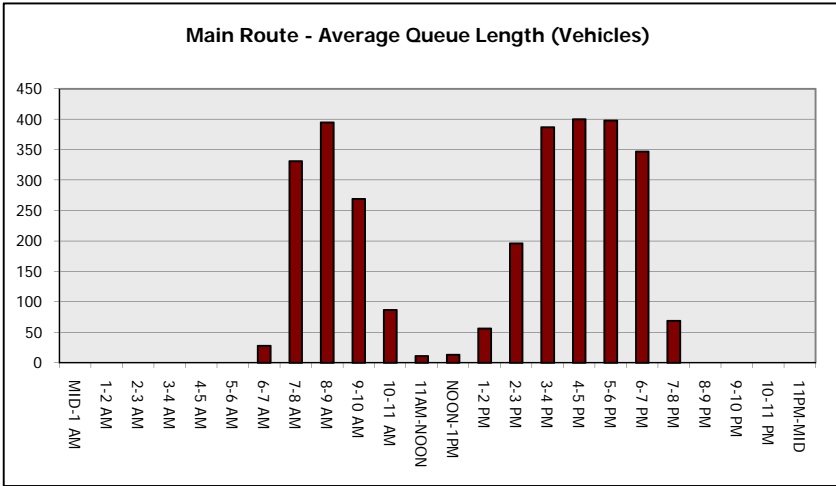
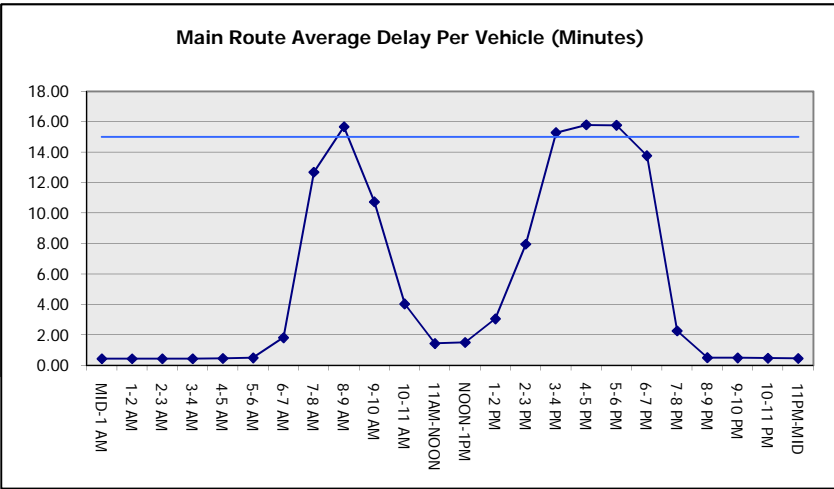
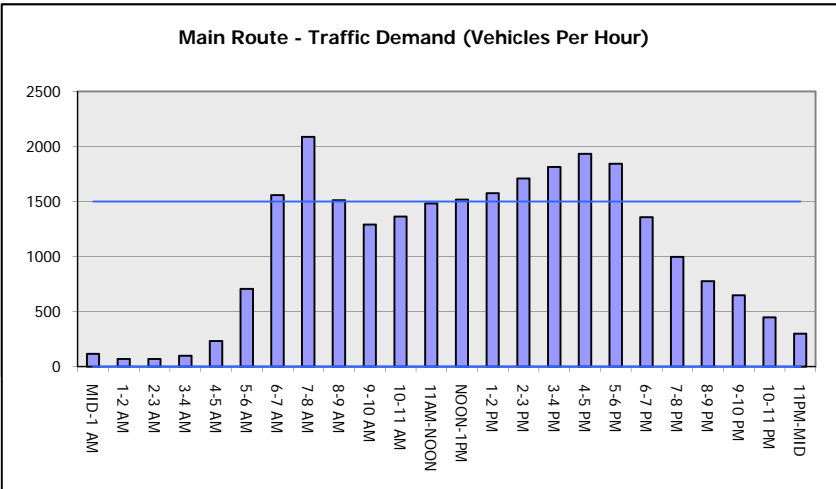
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0207
MAIN ROUTE WITH WORKS	0.0180
'DIVERSION'	0.0026
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	#VALUE!
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



IH 43: STH 54/57 TO STH 172 (BROWN COUNTY) IH 43: STH54/57 TO STH 172 (BROWN COUNTY) CONTINUOUS (24 HOUR) CLOSURE	MAY Analyzed for SURE Construction Season
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TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH		
	MAIN ROUTE		SITE CAPA	FLOW		AV.DEL PER VEH	AVERAGE QUEUE	MAIN ROUTE		#VALUE!
	DEMAND	MAIN PCT		*-- F MAIN	LOW --* 'DIVER			*--- MA WORK ZONE	IN ---* WORK ZONE	
#VALUE!	#VALUE!	CITY	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
MID-1 AM			1500							
1-2 AM	189	0.0	1500	189	0	0.44	0	66.0	60.3	44.7
2-3 AM	111	0.0	1500	111	0	0.43	0	66.2	60.5	45.0
3-4 AM	117	0.0	1500	117	0	0.43	0	66.1	60.5	45.0
4-5 AM	85	0.0	1500	85	0	0.43	0	66.2	60.6	45.1
5-6 AM	142	0.0	1500	142	0	0.44	0	66.1	60.4	44.9
6-7 AM	401	0.0	1500	401	0	0.46	0	65.6	59.7	43.9
7-8 AM	918	0.0	1500	918	0	0.51	0	64.6	58.4	42.0
8-9 AM	1380	0.0	1500	1380	0	0.87	0	63.8	54.0	33.5
9-10 AM	1274	0.0	1500	1274	0	0.73	0	64.0	55.5	36.2
10-11 AM	1177	0.0	1500	1177	0	0.61	0	64.2	56.9	39.2
11AM-NOON	1275	0.0	1500	1275	0	0.73	0	64.0	55.5	36.2
NOON-1PM	1385	0.0	1499	1385	0	0.88	0	63.8	54.0	33.3
1-2 PM	1594	0.0	1499	1594	0	2.33	38	63.4	42.8	30.8
2-3 PM	1661	0.0	1499	1661	0	6.85	163	63.3	26.2	30.8
3-4 PM	1937	0.0	1500	1677	260	14.60+	371	62.8	15.7	30.8
4-5 PM	2329	0.0	1500	1500	829	15.73+	400	62.0	14.8	30.8
5-6 PM	2784	0.0	1500	1500	1284	15.39+	400	58.0	14.8	30.8
6-7 PM	2527	0.0	1500	1500	1027	15.62+	400	60.6	14.8	30.8
7-8 PM	1927	0.0	1500	1500	428	15.79+	399	62.8	14.8	30.8
8-9 PM	1419	0.0	1499	1354	65	14.21+	357	63.7	16.1	30.8
9-10 PM	1168	0.0	1499	1168	0	4.57	134	64.2	32.8	34.9
10-11 PM	978	0.0	1500	978	0	0.52	0	64.6	58.2	41.7
11PM-MID	736	0.0	1500	736	0	0.49	0	65.0	58.9	42.6

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

BREAKDOWN DURATION (MINS)	#VALUE!
RANGE OF QUEUE DELAY - MIN	0.0
	#VALUE!
AV BREAKDOWNS PER DAY	0.0
AV QUEUE DELAY/DAY (VEH-H)	0.0

BREAKDOWN DURATION (MINS)	#VALUE!
RANGE OF QUEUE DELAY - MIN	0
	#VALUE!
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0

	#VALUE!
	#VALUE!
	#VALUE!
MAIN ROUTE WITH WORKS	0.0180
PIA: Personal Injury Accidents	
ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	#N/A
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

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