

<b>STH 172: STH 57 TO IH 43 (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                  WESTBOUND 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	107	0.0	1500	107	0	0.43	0	66.2	58.2	45.1	
1-2 AM	70	0.0	1500	70	0	0.43	0	66.3	58.4	45.2	
2-3 AM	85	0.0	1500	85	0	0.43	0	66.2	58.3	45.1	
3-4 AM	113	0.0	1500	113	0	0.43	0	66.2	58.2	45.0	
4-5 AM	340	0.0	1500	340	0	0.46	0	65.8	57.6	44.2	
5-6 AM	1106	0.0	OFF	1106	0	0.00	0	64.3	64.3	64.3	
6-7 AM	2419	0.0	OFF	2419	0	0.00	0	61.7	61.7	61.7	
7-8 AM	3410	0.0	OFF	3410	0	0.00	0	51.5	51.5	51.5	
8-9 AM	2019	0.0	OFF	2019	0	0.00	0	62.6	62.6	62.6	
9-10 AM	1536	0.0	OFF	1536	0	0.00	0	63.5	63.5	63.5	
10-11 AM	1500	0.0	OFF	1500	0	0.00	0	63.6	63.6	63.6	
11AM-NOON	1552	0.0	OFF	1552	0	0.00	0	63.5	63.5	63.5	
NOON-1PM	1606	0.0	OFF	1606	0	0.00	0	63.4	63.4	63.4	
1-2 PM	1646	0.0	OFF	1646	0	0.00	0	63.3	63.3	63.3	
2-3 PM	1835	0.0	OFF	1835	0	0.00	0	63.0	63.0	63.0	
3-4 PM	2122	0.0	OFF	2122	0	0.00	0	62.4	62.4	62.4	
4-5 PM	2367	0.0	OFF	2367	0	0.00	0	62.0	62.0	62.0	
5-6 PM	2167	0.0	OFF	2167	0	0.00	0	62.3	62.3	62.3	
6-7 PM	1479	0.0	OFF	1479	0	0.00	0	63.7	63.7	63.7	
7-8 PM	978	0.0	1500	978	0	0.52	0	64.6	55.7	41.7	
8-9 PM	747	0.0	1500	747	0	0.49	0	65.0	56.3	42.6	
9-10 PM	561	0.0	1500	561	0	0.48	0	65.3	56.9	43.3	
10-11 PM	392	0.0	1500	392	0	0.46	0	65.6	57.4	43.9	
11PM-MID	196	0.0	1500	196	0	0.44	0	66.0	57.9	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

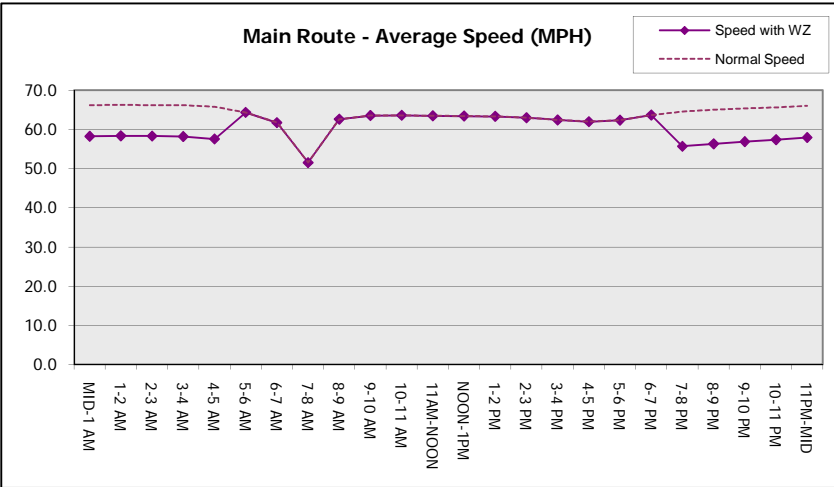
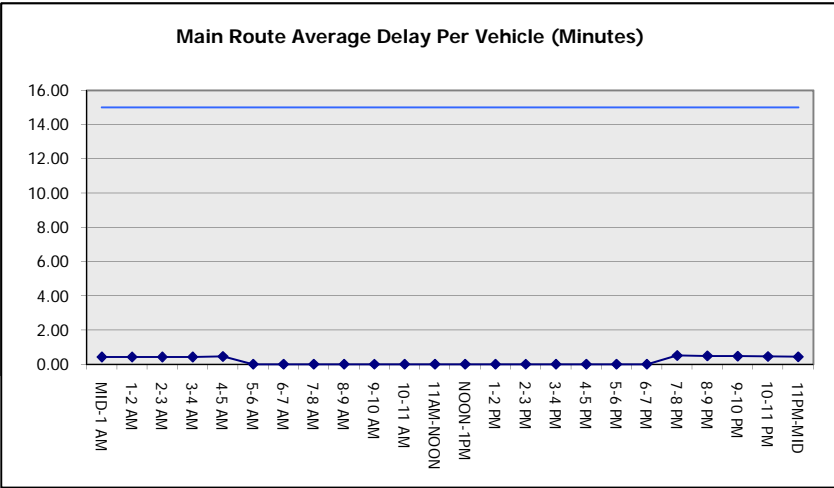
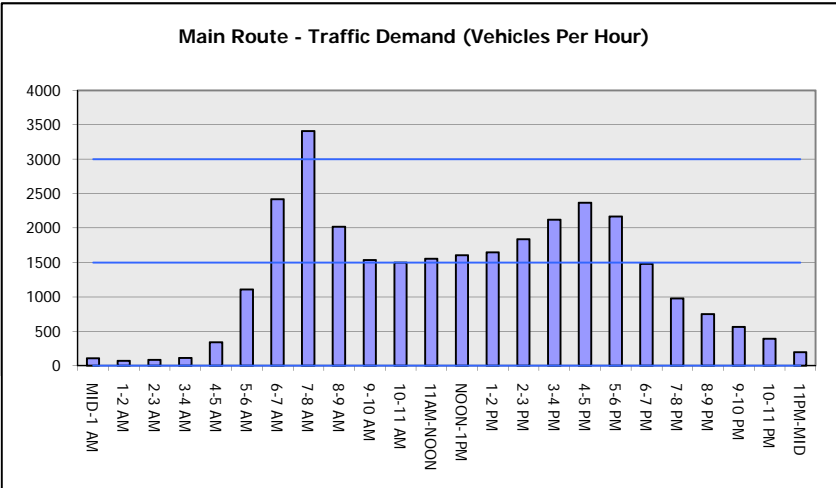
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0169
MAIN ROUTE WITH WORKS	0.0167
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$365
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**STH 172: STH 57 TO IH 43 (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 WESTBOUND DIRECTION**



<b>STH 172: STH 57 TO IH 43 (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                      EASTBOUND 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	179	0.0	1500	179	0	0.44	0	66.1	58.0	44.8
1-2 AM	121	0.0	1500	121	0	0.43	0	66.1	58.2	45.0
2-3 AM	102	0.0	1500	102	0	0.43	0	66.2	58.2	45.1
3-4 AM	102	0.0	1500	102	0	0.43	0	66.2	58.2	45.1
4-5 AM	208	0.0	1500	208	0	0.44	0	66.0	57.9	44.6
5-6 AM	506	0.0	OFF	506	0	0.00	0	65.5	65.5	65.5
6-7 AM	1208	0.0	OFF	1208	0	0.00	0	64.1	64.1	64.1
7-8 AM	1684	0.0	OFF	1684	0	0.00	0	63.2	63.2	63.2
8-9 AM	1458	0.0	OFF	1458	0	0.00	0	63.7	63.7	63.7
9-10 AM	1323	0.0	OFF	1323	0	0.00	0	63.9	63.9	63.9
10-11 AM	1310	0.0	OFF	1310	0	0.00	0	64.0	64.0	64.0
11AM-NOON	1513	0.0	OFF	1513	0	0.00	0	63.6	63.6	63.6
NOON-1PM	1617	0.0	OFF	1617	0	0.00	0	63.3	63.3	63.3
1-2 PM	1733	0.0	OFF	1733	0	0.00	0	63.2	63.2	63.2
2-3 PM	1973	0.0	OFF	1973	0	0.00	0	62.7	62.7	62.7
3-4 PM	2741	0.0	OFF	2741	0	0.00	0	58.4	58.4	58.4
4-5 PM	3436	0.0	OFF	3436	0	0.00	0	51.3	51.3	51.3
5-6 PM	3066	0.0	OFF	3066	0	0.00	0	55.1	55.1	55.1
6-7 PM	1944	0.0	OFF	1944	0	0.00	0	62.8	62.8	62.8
7-8 PM	1311	0.0	1500	1311	0	0.78	0	64.0	51.7	35.2
8-9 PM	1185	0.0	1500	1185	0	0.62	0	64.1	54.0	38.9
9-10 PM	920	0.0	1500	920	0	0.51	0	64.6	55.9	42.0
10-11 PM	570	0.0	1500	570	0	0.48	0	65.3	56.9	43.2
11PM-MID	372	0.0	1500	372	0	0.46	0	65.7	57.4	44.0

"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	0.0170
MAIN ROUTE WITH WORKS	0.0167
'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

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Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

