

<b>USH 41: IH 43 TO STH 29 (BROWN COUNTY)                  OFF-PEAK DAY CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	147	0.0	OFF	147	0	0.00	0	66.1	66.1	66.1	
1-2 AM	103	0.0	OFF	103	0	0.00	0	66.2	66.2	66.2	
2-3 AM	127	0.0	OFF	127	0	0.00	0	66.1	66.1	66.1	
3-4 AM	161	0.0	OFF	161	0	0.00	0	66.1	66.1	66.1	
4-5 AM	538	0.0	OFF	538	0	0.00	0	65.4	65.4	65.4	
5-6 AM	1481	0.0	OFF	1481	0	0.00	0	63.7	63.7	63.7	
6-7 AM	2623	0.0	OFF	2623	0	0.00	0	59.6	59.6	59.6	
7-8 AM	3169	0.0	OFF	3169	0	0.00	0	54.0	54.0	54.0	
8-9 AM	2102	0.0	OFF	2102	0	0.00	0	62.5	62.5	62.5	
9-10 AM	1800	0.0	OFF	1800	0	0.00	0	63.0	63.0	63.0	
10-11 AM	1882	0.0	1499	1882	0	6.77	185	62.9	14.8	30.8	
11AM-NOON	1955	0.0	1499	1508	447	16.89+	428	62.7	8.7	30.8	
NOON-1PM	1999	0.0	1500	1507	492	16.89+	429	62.7	8.7	30.8	
1-2 PM	2033	0.0	1500	1506	527	16.89+	429	62.6	8.7	30.8	
2-3 PM	2129	0.0	1500	1505	624	16.90+	429	62.4	8.7	30.8	
3-4 PM	2292	0.0	OFF	2292	0	0.83	48	62.1	43.4	43.4	
4-5 PM	2345	0.0	OFF	2345	0	0.00	0	62.0	62.0	62.0	
5-6 PM	2204	0.0	OFF	2204	0	0.00	0	62.3	62.3	62.3	
6-7 PM	1557	0.0	OFF	1557	0	0.00	0	63.5	63.5	63.5	
7-8 PM	1091	0.0	OFF	1091	0	0.00	0	64.3	64.3	64.3	
8-9 PM	928	0.0	OFF	928	0	0.00	0	64.6	64.6	64.6	
9-10 PM	680	0.0	OFF	680	0	0.00	0	65.1	65.1	65.1	
10-11 PM	457	0.0	OFF	457	0	0.00	0	65.5	65.5	65.5	
11PM-MID	251	0.0	OFF	251	0	0.00	0	65.9	65.9	65.9	

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

+ 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

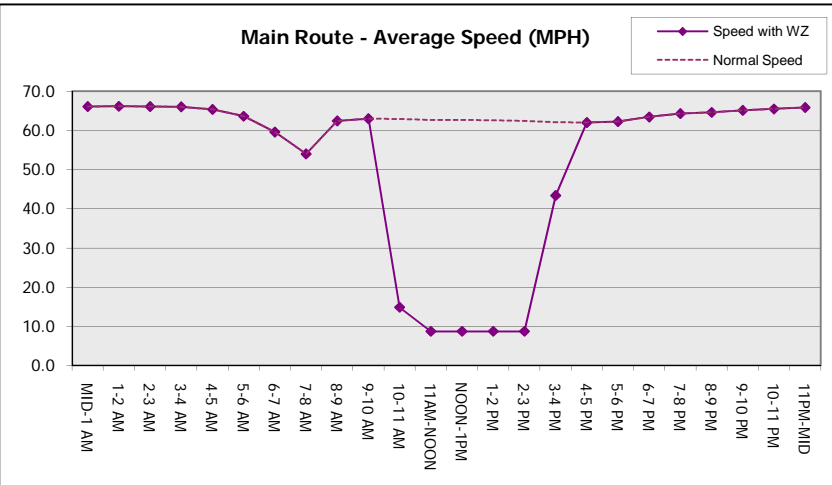
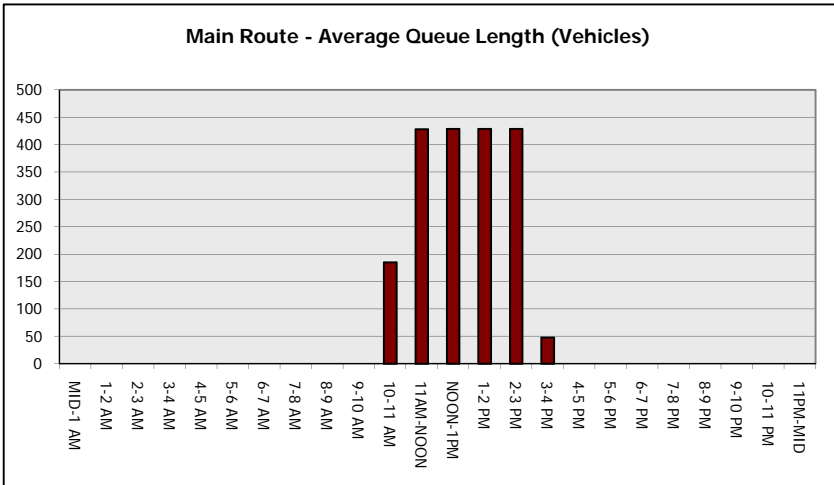
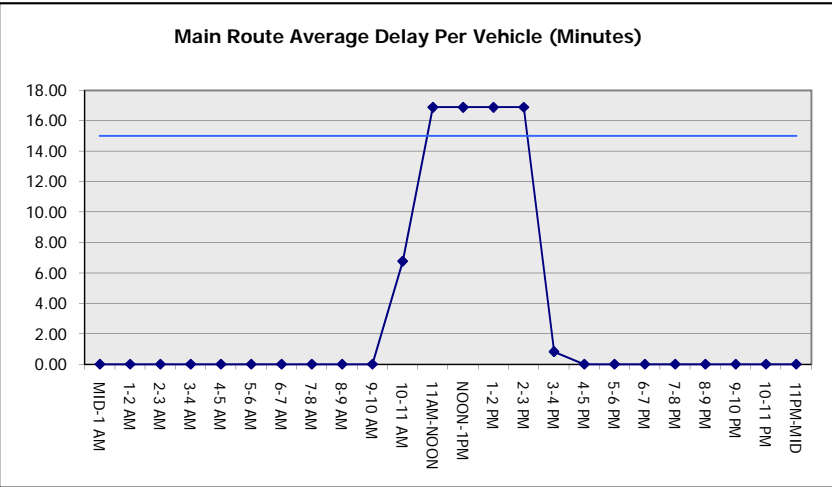
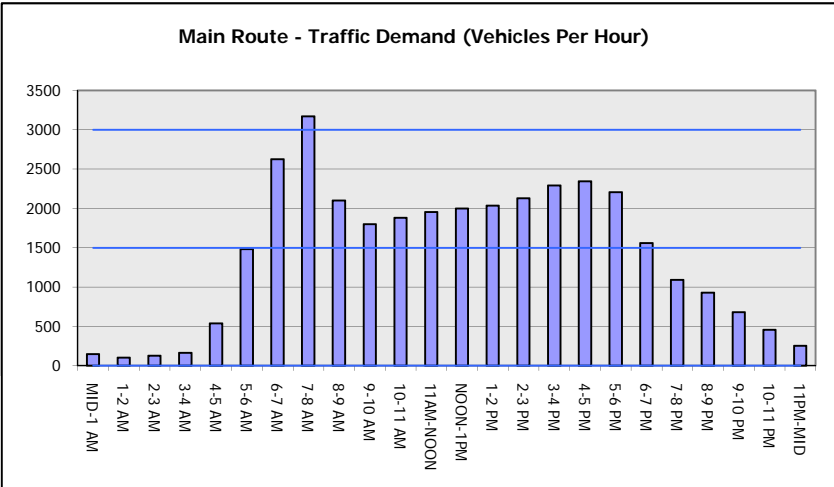
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0108
MAIN ROUTE WITH WORKS	0.0097
'DIVERSION'	0.0015
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$32,561
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding User-Specified Maximum

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



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**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	232	0.0	OFF	232	0	0.00	0	66.0	66.0	66.0
1-2 AM	144	0.0	OFF	144	0	0.00	0	66.1	66.1	66.1
2-3 AM	137	0.0	OFF	137	0	0.00	0	66.1	66.1	66.1
3-4 AM	159	0.0	OFF	159	0	0.00	0	66.1	66.1	66.1
4-5 AM	279	0.0	OFF	279	0	0.00	0	65.9	65.9	65.9
5-6 AM	669	0.0	OFF	669	0	0.00	0	65.1	65.1	65.1
6-7 AM	1254	0.0	OFF	1254	0	0.00	0	64.0	64.0	64.0
7-8 AM	1507	0.0	OFF	1507	0	0.00	0	63.6	63.6	63.6
8-9 AM	1395	0.0	OFF	1395	0	0.00	0	63.8	63.8	63.8
9-10 AM	1418	0.0	OFF	1418	0	0.00	0	63.7	63.7	63.7
10-11 AM	1585	0.0	1499	1585	0	2.07	32	63.4	30.2	30.8
11AM-NOON	1741	0.0	1500	1741	0	7.83	196	63.2	13.1	30.8
NOON-1PM	1886	0.0	1499	1625	260	16.34+	414	62.8	8.8	30.8
1-2 PM	1977	0.0	1499	1496	481	16.89+	429	62.7	8.7	30.8
2-3 PM	2267	0.0	1499	1497	770	16.90+	429	62.2	8.7	30.8
3-4 PM	2807	0.0	OFF	2807	0	1.42	82	57.8	34.3	34.3
4-5 PM	3505	0.0	OFF	3505	0	0.00	0	50.6	50.6	50.6
5-6 PM	3228	0.0	OFF	3228	0	0.00	0	53.4	53.4	53.4
6-7 PM	2079	0.0	OFF	2079	0	0.00	0	62.5	62.5	62.5
7-8 PM	1516	0.0	OFF	1516	0	0.00	0	63.6	63.6	63.6
8-9 PM	1311	0.0	OFF	1311	0	0.00	0	64.0	64.0	64.0
9-10 PM	1012	0.0	OFF	1012	0	0.00	0	64.5	64.5	64.5
10-11 PM	691	0.0	OFF	691	0	0.00	0	65.1	65.1	65.1
11PM-MID	456	0.0	OFF	456	0	0.00	0	65.5	65.5	65.5

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

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0106
MAIN ROUTE WITH WORKS	0.0096
'DIVERSION'	0.0011

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$26,484
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding User-Specified Maximum

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