

<b>USH 41: IH 43 TO STH 29 (BROWN COUNTY)                  NIGHTTIME 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	218	0.0	1500	218	0	0.44	0	66.0	53.0	44.6	
1-2 AM	141	0.0	1500	141	0	0.44	0	66.1	53.3	44.9	
2-3 AM	148	0.0	1500	148	0	0.44	0	66.1	53.3	44.9	
3-4 AM	120	0.0	1500	120	0	0.43	0	66.1	53.4	45.0	
4-5 AM	201	0.0	1500	201	0	0.44	0	66.0	53.1	44.6	
5-6 AM	377	0.0	1500	377	0	0.46	0	65.7	52.5	44.0	
6-7 AM	585	0.0	1500	585	0	0.48	0	65.3	51.8	43.2	
7-8 AM	979	0.0	1500	979	0	0.52	0	64.6	50.5	41.7	
8-9 AM	1345	0.0	OFF	1345	0	0.00	0	63.9	63.9	63.9	
9-10 AM	1673	0.0	OFF	1673	0	0.00	0	63.3	63.3	63.3	
10-11 AM	1845	0.0	OFF	1845	0	0.00	0	63.0	63.0	63.0	
11AM-NOON	1895	0.0	OFF	1895	0	0.00	0	62.8	62.8	62.8	
NOON-1PM	1824	0.0	OFF	1824	0	0.00	0	63.0	63.0	63.0	
1-2 PM	1822	0.0	OFF	1822	0	0.00	0	63.0	63.0	63.0	
2-3 PM	1772	0.0	OFF	1772	0	0.00	0	63.1	63.1	63.1	
3-4 PM	1866	0.0	OFF	1866	0	0.00	0	62.9	62.9	62.9	
4-5 PM	1732	0.0	OFF	1732	0	0.00	0	63.2	63.2	63.2	
5-6 PM	1552	0.0	OFF	1552	0	0.00	0	63.5	63.5	63.5	
6-7 PM	1352	0.0	1500	1352	0	0.83	0	63.8	44.2	34.2	
7-8 PM	1031	0.0	1500	1031	0	0.52	0	64.5	50.4	41.5	
8-9 PM	891	0.0	1500	891	0	0.51	0	64.7	50.8	42.0	
9-10 PM	683	0.0	1500	683	0	0.49	0	65.1	51.5	42.8	
10-11 PM	524	0.0	1500	524	0	0.47	0	65.4	52.0	43.4	
11PM-MID	324	0.0	1500	324	0	0.45	0	65.8	52.7	44.2	

"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

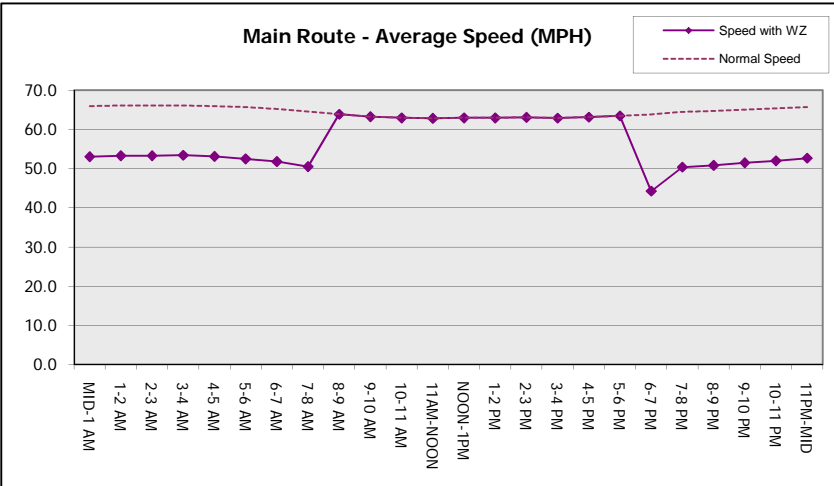
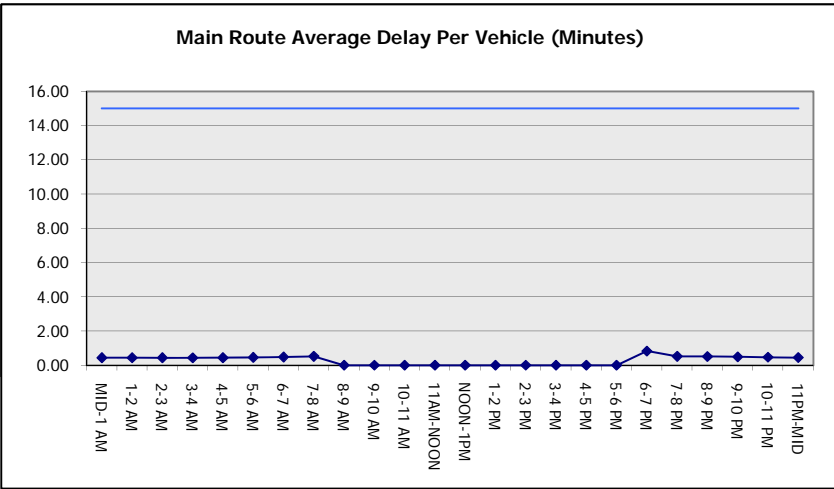
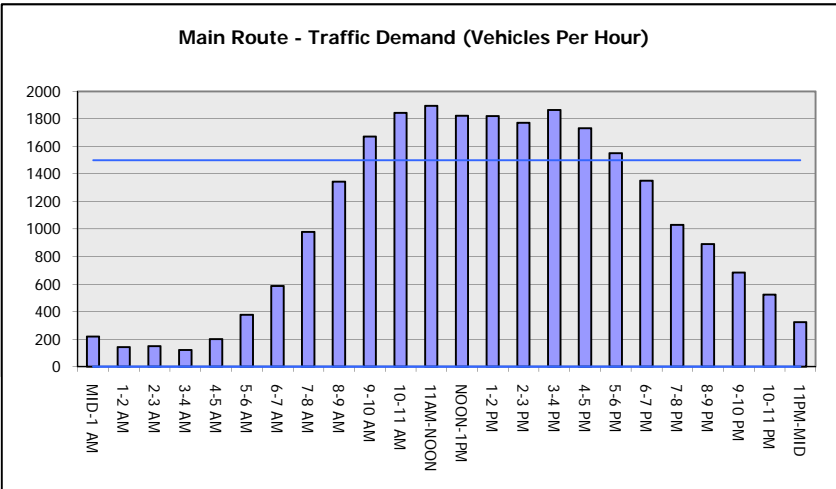
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0079
MAIN ROUTE WITH WORKS	0.0074
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,006
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

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



<b>USH 41: IH 43 TO STH 29 (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
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**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	382	0.0	1500	382	0	0.46	0	65.7	52.5	44.0
1-2 AM	205	0.0	1500	205	0	0.44	0	66.0	53.1	44.6
2-3 AM	175	0.0	1500	175	0	0.44	0	66.1	53.2	44.8
3-4 AM	136	0.0	1500	136	0	0.44	0	66.1	53.3	45.0
4-5 AM	167	0.0	1500	167	0	0.44	0	66.1	53.2	44.8
5-6 AM	261	0.0	1500	261	0	0.45	0	65.9	52.9	44.5
6-7 AM	491	0.0	1500	491	0	0.47	0	65.5	52.1	43.5
7-8 AM	736	0.0	1500	736	0	0.49	0	65.0	51.3	42.6
8-9 AM	1129	0.0	OFF	1129	0	0.00	0	64.3	64.3	64.3
9-10 AM	1510	0.0	OFF	1510	0	0.00	0	63.6	63.6	63.6
10-11 AM	1940	0.0	OFF	1940	0	0.00	0	62.8	62.8	62.8
11AM-NOON	2064	0.0	OFF	2064	0	0.00	0	62.5	62.5	62.5
NOON-1PM	2070	0.0	OFF	2070	0	0.00	0	62.5	62.5	62.5
1-2 PM	2016	0.0	OFF	2016	0	0.00	0	62.7	62.7	62.7
2-3 PM	1922	0.0	OFF	1922	0	0.00	0	62.8	62.8	62.8
3-4 PM	1934	0.0	OFF	1934	0	0.00	0	62.8	62.8	62.8
4-5 PM	1726	0.0	OFF	1726	0	0.00	0	63.2	63.2	63.2
5-6 PM	1621	0.0	OFF	1621	0	0.00	0	63.3	63.3	63.3
6-7 PM	1472	0.0	1499	1472	0	1.15	5	63.7	39.5	31.7
7-8 PM	1152	0.0	1500	1152	0	0.57	0	64.2	49.1	40.1
8-9 PM	1060	0.0	1500	1060	0	0.52	0	64.4	50.2	41.5
9-10 PM	871	0.0	1500	871	0	0.51	0	64.8	50.9	42.2
10-11 PM	680	0.0	1500	680	0	0.49	0	65.1	51.5	42.8
11PM-MID	515	0.0	1500	515	0	0.47	0	65.5	52.0	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	0.0084
MAIN ROUTE WITH WORKS	0.0078
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,233
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY NORTHBOUND DIRECTION**

