

<b>IH 43: USH 41 TO STH 54/57 (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	160	0.0	1500	160	0	0.44	0	66.1	61.1	44.8
1-2 AM	104	0.0	1500	104	0	0.43	0	66.2	61.2	45.1
2-3 AM	94	0.0	1500	94	0	0.43	0	66.2	61.3	45.1
3-4 AM	93	0.0	1500	93	0	0.43	0	66.2	61.3	45.1
4-5 AM	142	0.0	1500	142	0	0.44	0	66.1	61.2	44.9
5-6 AM	299	0.0	1500	299	0	0.45	0	65.8	60.7	44.3
6-7 AM	354	0.0	1500	354	0	0.46	0	65.7	60.6	44.1
7-8 AM	493	0.0	1500	493	0	0.47	0	65.5	60.2	43.5
8-9 AM	725	0.0	1500	725	0	0.49	0	65.0	59.6	42.7
9-10 AM	910	0.0	1500	910	0	0.51	0	64.7	59.2	42.0
10-11 AM	1007	0.0	1500	1007	0	0.52	0	64.5	58.9	41.7
11AM-NOON	1067	0.0	1500	1067	0	0.53	0	64.4	58.7	41.4
NOON-1PM	1097	0.0	1500	1097	0	0.53	0	64.3	58.7	41.4
1-2 PM	1058	0.0	1500	1058	0	0.52	0	64.4	58.8	41.5
2-3 PM	1081	0.0	1500	1081	0	0.53	0	64.4	58.7	41.4
3-4 PM	1046	0.0	1500	1046	0	0.52	0	64.5	58.8	41.5
4-5 PM	981	0.0	1500	981	0	0.52	0	64.6	59.0	41.7
5-6 PM	968	0.0	1500	968	0	0.52	0	64.6	59.0	41.8
6-7 PM	782	0.0	1500	782	0	0.50	0	65.0	59.5	42.5
7-8 PM	622	0.0	1500	622	0	0.48	0	65.2	59.9	43.0
8-9 PM	564	0.0	1500	564	0	0.48	0	65.3	60.1	43.3
9-10 PM	435	0.0	1500	435	0	0.46	0	65.6	60.4	43.8
10-11 PM	346	0.0	1500	346	0	0.46	0	65.8	60.6	44.1
11PM-MID	239	0.0	1500	239	0	0.45	0	66.0	60.9	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	0.0138
MAIN ROUTE WITH WORKS	0.0128
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

ROAD USER COSTS PER DAY	\$1,876
CONGESTED HOURS PER DAY*	0

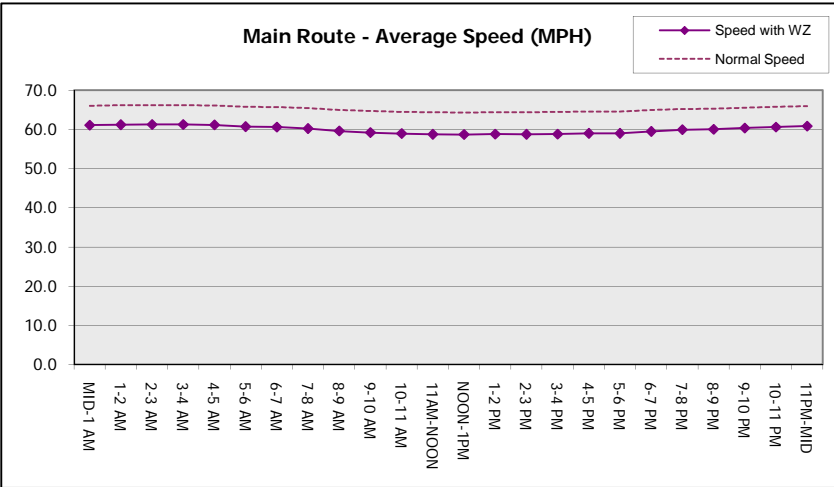
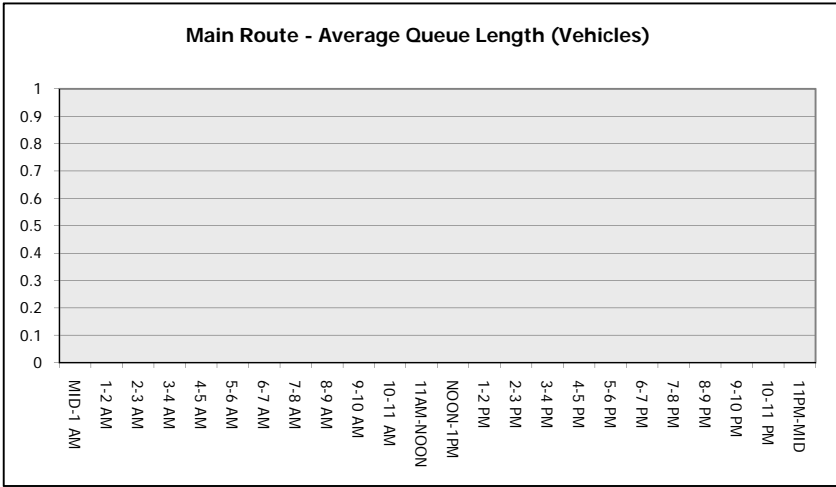
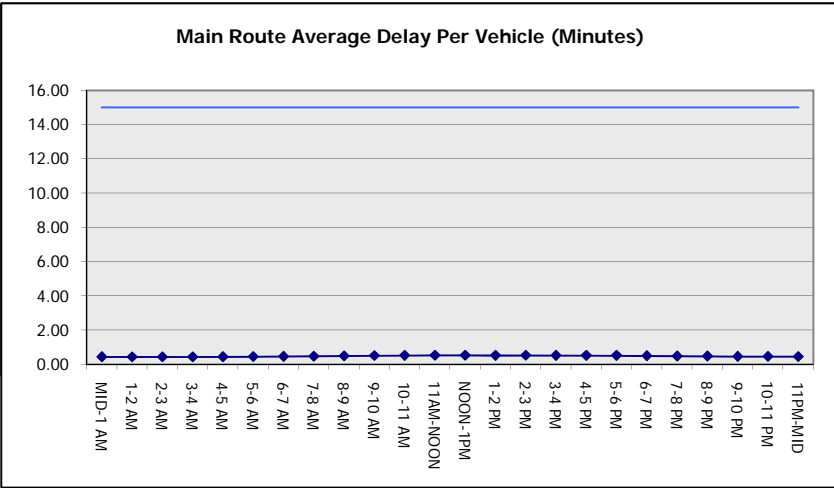
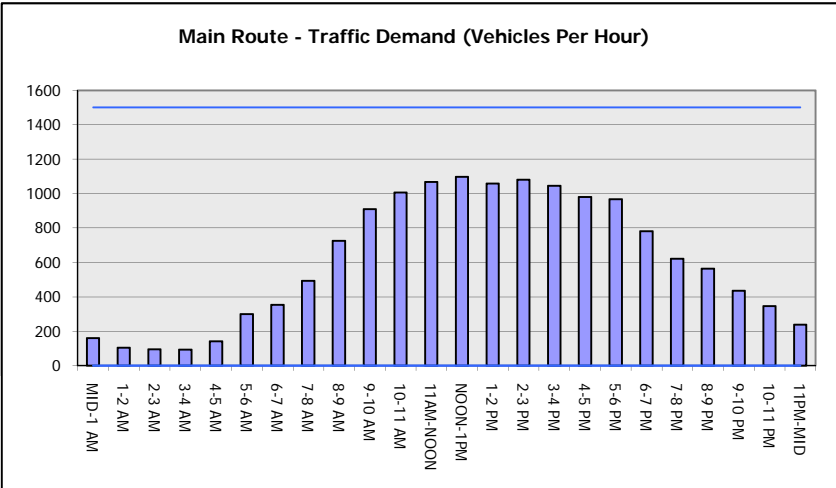
\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SATURDAY SOUTHBOUND DIRECTION**



<b>IH 43: USH 41 TO STH 54/57 (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	217	0.0	1500	217	0	0.44	0	66.0	60.9	44.6
1-2 AM	135	0.0	1500	135	0	0.44	0	66.1	61.2	45.0
2-3 AM	129	0.0	1500	129	0	0.43	0	66.1	61.2	45.0
3-4 AM	102	0.0	1500	102	0	0.43	0	66.2	61.2	45.1
4-5 AM	98	0.0	1500	98	0	0.43	0	66.2	61.2	45.1
5-6 AM	212	0.0	1500	212	0	0.44	0	66.0	61.0	44.6
6-7 AM	409	0.0	1500	409	0	0.46	0	65.6	60.4	43.8
7-8 AM	601	0.0	1500	601	0	0.48	0	65.3	59.9	43.1
8-9 AM	854	0.0	1500	854	0	0.51	0	64.8	59.3	42.2
9-10 AM	1051	0.0	1500	1051	0	0.52	0	64.4	58.8	41.5
10-11 AM	1201	0.0	1500	1201	0	0.64	0	64.1	57.5	38.4
11AM-NOON	1235	0.0	1500	1235	0	0.68	0	64.1	57.0	37.4
NOON-1PM	1190	0.0	1500	1190	0	0.62	0	64.1	57.6	38.8
1-2 PM	1170	0.0	1500	1170	0	0.60	0	64.2	57.9	39.4
2-3 PM	1092	0.0	1500	1092	0	0.53	0	64.3	58.7	41.4
3-4 PM	1113	0.0	1500	1113	0	0.53	0	64.3	58.7	41.3
4-5 PM	1062	0.0	1500	1062	0	0.53	0	64.4	58.8	41.5
5-6 PM	915	0.0	1500	915	0	0.51	0	64.7	59.2	42.0
6-7 PM	824	0.0	1500	824	0	0.50	0	64.8	59.4	42.3
7-8 PM	595	0.0	1500	595	0	0.48	0	65.3	60.0	43.2
8-9 PM	554	0.0	1500	554	0	0.48	0	65.3	60.1	43.3
9-10 PM	429	0.0	1500	429	0	0.46	0	65.6	60.4	43.8
10-11 PM	334	0.0	1500	334	0	0.45	0	65.8	60.6	44.2
11PM-MID	238	0.0	1500	238	0	0.45	0	66.0	60.9	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	0.0148
MAIN ROUTE WITH WORKS	0.0138
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,162
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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

