

**STH 172: USH 41 TO STH 57 (BROWN COUNTY)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 32 - STH 57**

**AUGUST**

Analyzed for 2009  
 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								AVERAGE SPEEDS IN MPH						
	MAIN ROUTE		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	204	0.0	58	0.0	OFF	204	0	58	0.00	0	60.2	60.2	60.2	22.8	22.8
1-2 AM	138	0.0	39	0.0	OFF	138	0	39	0.00	0	60.2	60.2	60.2	23.0	23.0
2-3 AM	132	0.0	38	0.0	OFF	132	0	38	0.00	0	60.2	60.2	60.2	23.0	23.0
3-4 AM	177	0.0	50	0.0	OFF	177	0	50	0.00	0	60.2	60.2	60.2	22.9	22.9
4-5 AM	395	0.0	111	0.0	OFF	395	0	111	0.00	0	60.2	60.2	60.2	22.0	22.0
5-6 AM	1267	0.0	358	0.0	OFF	1267	0	358	0.00	0	60.2	60.2	60.2	18.4	18.4
6-7 AM	2623	0.0	741	0.0	OFF	2623	0	741	0.00	0	60.2	60.2	60.2	12.8	12.8
7-8 AM	3556	0.0	1004	0.0	OFF	3556	0	1004	0.00	0	60.2	60.2	60.2	10.7	10.7
8-9 AM	2412	0.0	681	0.0	OFF	2412	0	681	0.00	0	60.2	60.2	60.2	13.7	13.7
9-10 AM	2128	0.0	601	0.0	OFF	2128	0	601	0.00	0	60.2	60.2	60.2	14.8	14.8
10-11 AM	2418	0.0	682	0.0	3000	2418	0	682	0.24	0	60.2	52.8	48.9	13.7	13.7
11A-NOON	2511	0.0	709	0.0	3000	2511	0	709	0.30	0	60.2	51.2	46.5	13.3	13.3
NOON-1PM	2759	0.0	778	0.0	3000	2759	0	778	0.46	0	60.2	47.3	41.3	12.2	12.2
1-2 PM	2748	0.0	775	0.0	3000	2748	0	775	0.46	0	60.2	47.4	41.5	12.3	12.3
2-3 PM	2728	0.0	770	0.0	3000	2728	0	770	0.44	0	60.2	47.8	41.9	12.4	12.4
3-4 PM	2837	0.0	800	0.0	OFF	2837	0	800	0.00	0	60.2	60.2	60.2	11.9	11.9
4-5 PM	2947	0.0	832	0.0	OFF	2947	0	832	0.00	0	60.2	60.2	60.2	11.7	11.7
5-6 PM	2974	0.0	840	0.0	OFF	2974	0	840	0.00	0	60.2	60.2	60.2	11.6	11.6
6-7 PM	2343	0.0	661	0.0	OFF	2343	0	661	0.00	0	60.2	60.2	60.2	14.0	14.0
7-8 PM	1615	0.0	456	0.0	OFF	1615	0	456	0.00	0	60.2	60.2	60.2	17.0	17.0
8-9 PM	1233	0.0	348	0.0	OFF	1233	0	348	0.00	0	60.2	60.2	60.2	18.5	18.5
9-10 PM	957	0.0	270	0.0	OFF	957	0	270	0.00	0	60.2	60.2	60.2	19.7	19.7
10-11 PM	704	0.0	199	0.0	OFF	704	0	199	0.00	0	60.2	60.2	60.2	20.7	20.7
11PM-MID	532	0.0	151	0.0	OFF	532	0	151	0.00	0	60.2	60.2	60.2	21.4	21.4

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

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0115
MAIN ROUTE WITH WORKS	0.0106
DIVERSION	0.0863

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,059
CONGESTED HOURS PER DAY*	0

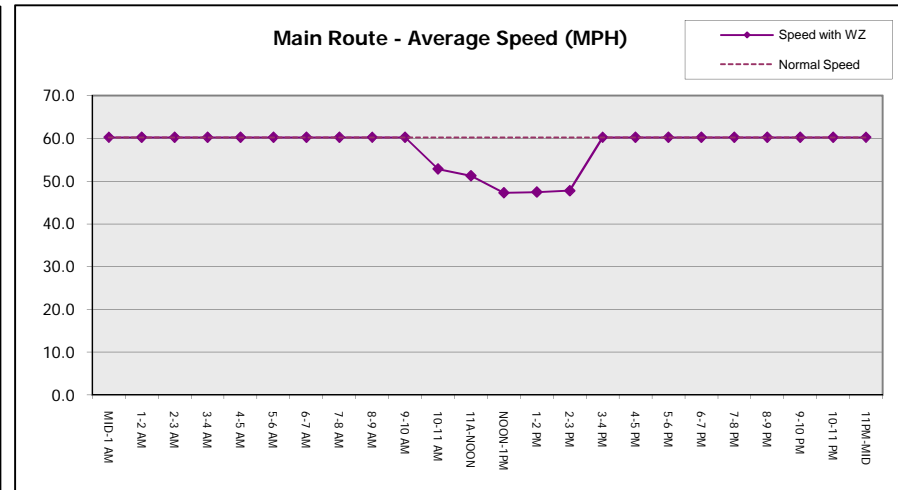
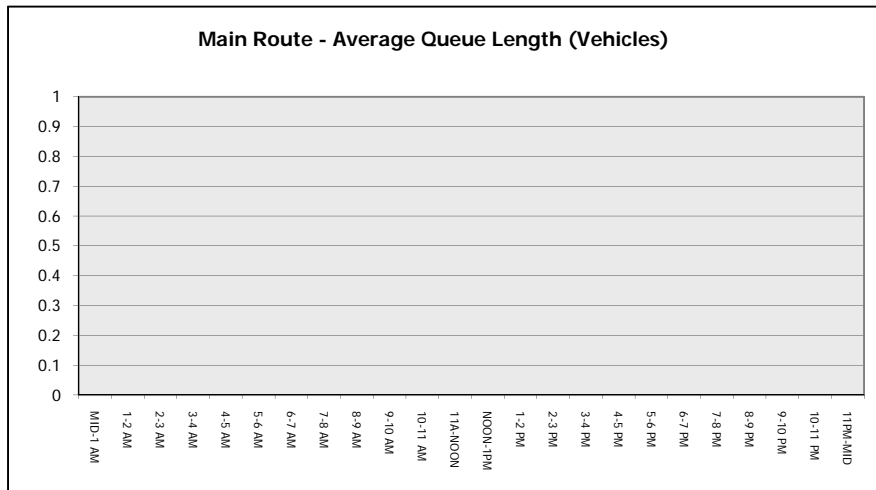
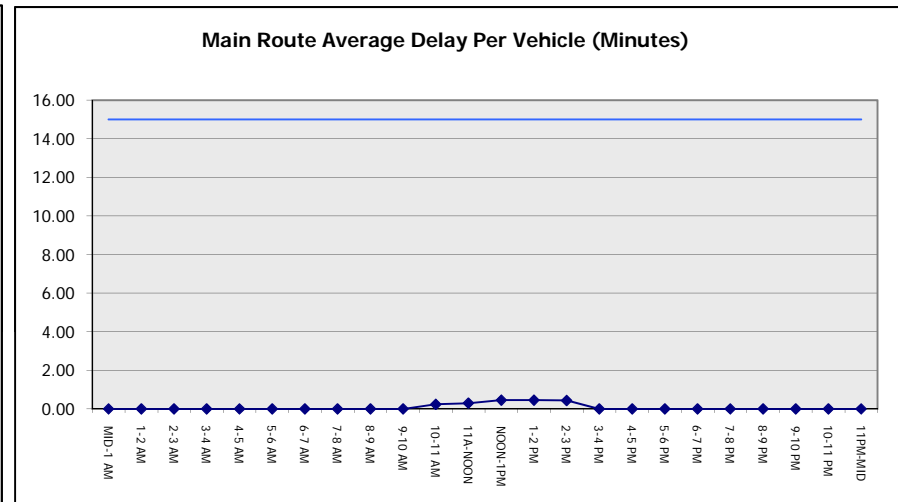
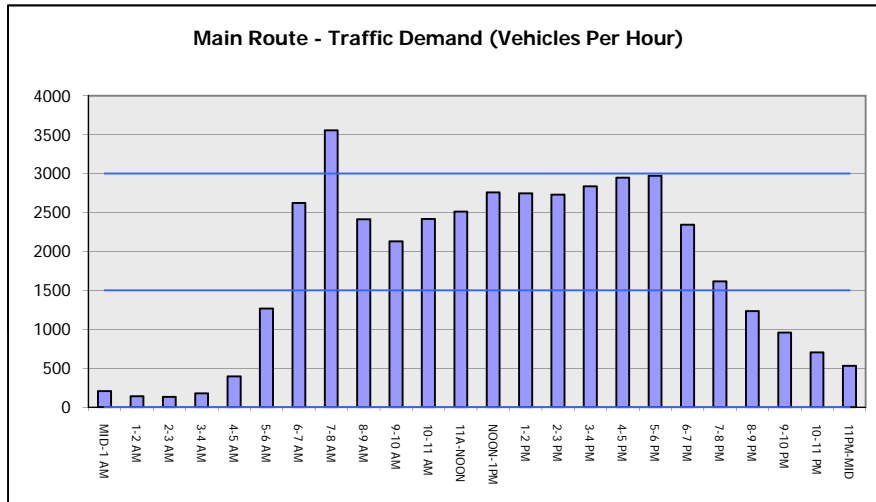
\*Delays Exceeding 15 Minutes

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**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 32 - STH 57**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

**FRIDAY WESTBOUND DIRECTION**



<b>STH 172: USH 41 TO STH 57 (BROWN COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 32 - STH 57</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								AVERAGE SPEEDS IN MPH							
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN	
MID-1 AM	298	0.0	85	0.0	OFF	298	0	85	0.00	0	60.2	60.2	60.2	22.4	22.4	
1-2 AM	209	0.0	59	0.0	OFF	209	0	59	0.00	0	60.2	60.2	60.2	22.7	22.7	
2-3 AM	232	0.0	66	0.0	OFF	232	0	66	0.00	0	60.2	60.2	60.2	22.7	22.7	
3-4 AM	181	0.0	51	0.0	OFF	181	0	51	0.00	0	60.2	60.2	60.2	22.9	22.9	
4-5 AM	274	0.0	77	0.0	OFF	274	0	77	0.00	0	60.2	60.2	60.2	22.5	22.5	
5-6 AM	602	0.0	169	0.0	OFF	602	0	169	0.00	0	60.2	60.2	60.2	21.1	21.1	
6-7 AM	1430	0.0	404	0.0	OFF	1430	0	404	0.00	0	60.2	60.2	60.2	17.7	17.7	
7-8 AM	2018	0.0	570	0.0	OFF	2018	0	570	0.00	0	60.2	60.2	60.2	15.3	15.3	
8-9 AM	1879	0.0	530	0.0	OFF	1879	0	530	0.00	0	60.2	60.2	60.2	15.9	15.9	
9-10 AM	1790	0.0	505	0.0	OFF	1790	0	505	0.00	0	60.2	60.2	60.2	16.2	16.2	
10-11 AM	2142	0.0	605	0.0	3000	2142	0	605	0.22	0	60.2	53.5	49.7	14.8	14.8	
11A-NOON	2301	0.0	650	0.0	3000	2301	0	650	0.22	0	60.2	53.5	49.7	14.2	14.2	
NOON-1PM	2643	0.0	746	0.0	3000	2643	0	746	0.39	0	60.2	49.1	43.6	12.7	12.7	
1-2 PM	2734	0.0	772	0.0	2999	2734	0	772	0.45	0	60.2	47.6	41.8	12.4	12.4	
2-3 PM	3103	0.0	876	0.0	2999	3103	0	876	1.03	27	60.2	37.5	37.3	11.4	11.4	
3-4 PM	3666	0.0	1035	0.0	OFF	3666	0	1035	0.03	2	60.2	59.4	59.4	10.5	10.5	
4-5 PM	3991	0.0	1127	0.0	OFF	3991	0	1127	0.00	0	60.2	60.2	60.2	10.0	10.0	
5-6 PM	3448	0.0	973	0.0	OFF	3448	0	973	0.00	0	60.2	60.2	60.2	10.9	10.9	
6-7 PM	2336	0.0	659	0.0	OFF	2336	0	659	0.00	0	60.2	60.2	60.2	14.0	14.0	
7-8 PM	1760	0.0	497	0.0	OFF	1760	0	497	0.00	0	60.2	60.2	60.2	16.3	16.3	
8-9 PM	1505	0.0	425	0.0	OFF	1505	0	425	0.00	0	60.2	60.2	60.2	17.4	17.4	
9-10 PM	1303	0.0	367	0.0	OFF	1303	0	367	0.00	0	60.2	60.2	60.2	18.3	18.3	
10-11 PM	1183	0.0	334	0.0	OFF	1183	0	334	0.00	0	60.2	60.2	60.2	18.8	18.8	
11PM-MID	786	0.0	222	0.0	OFF	786	0	222	0.00	0	60.2	60.2	60.2	20.4	20.4	

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

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0113
MAIN ROUTE WITH WORKS	0.0105
DIVERSION	0.0852

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,368
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 32 - STH 57**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

