

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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SATURDAY 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	316	0.0	89	0.0	3000	316	0	89	0.22	0	60.2	53.5	49.7	22.3	22.3
1-2 AM	222	0.0	63	0.0	3000	222	0	63	0.22	0	60.2	53.5	49.7	22.7	22.7
2-3 AM	172	0.0	49	0.0	3000	172	0	49	0.22	0	60.2	53.5	49.7	22.9	22.9
3-4 AM	140	0.0	40	0.0	3000	140	0	40	0.22	0	60.2	53.5	49.7	23.0	23.0
4-5 AM	199	0.0	56	0.0	3000	199	0	56	0.22	0	60.2	53.5	49.7	22.8	22.8
5-6 AM	442	0.0	125	0.0	3000	442	0	125	0.22	0	60.2	53.5	49.7	21.8	21.8
6-7 AM	671	0.0	189	0.0	3000	671	0	189	0.22	0	60.2	53.5	49.7	20.9	20.9
7-8 AM	987	0.0	278	0.0	3000	987	0	278	0.22	0	60.2	53.5	49.7	19.6	19.6
8-9 AM	1329	0.0	376	0.0	OFF	1329	0	376	0.00	0	60.2	60.2	60.2	18.1	18.1
9-10 AM	1797	0.0	507	0.0	OFF	1797	0	507	0.00	0	60.2	60.2	60.2	16.2	16.2
10-11 AM	2077	0.0	586	0.0	OFF	2077	0	586	0.00	0	60.2	60.2	60.2	15.1	15.1
11A-NOON	2199	0.0	620	0.0	OFF	2199	0	620	0.00	0	60.2	60.2	60.2	14.5	14.5
NOON-1PM	2221	0.0	627	0.0	OFF	2221	0	627	0.00	0	60.2	60.2	60.2	14.5	14.5
1-2 PM	1912	0.0	540	0.0	OFF	1912	0	540	0.00	0	60.2	60.2	60.2	15.7	15.7
2-3 PM	1859	0.0	525	0.0	OFF	1859	0	525	0.00	0	60.2	60.2	60.2	16.0	16.0
3-4 PM	1779	0.0	502	0.0	OFF	1779	0	502	0.00	0	60.2	60.2	60.2	16.3	16.3
4-5 PM	1762	0.0	498	0.0	OFF	1762	0	498	0.00	0	60.2	60.2	60.2	16.3	16.3
5-6 PM	1811	0.0	512	0.0	OFF	1811	0	512	0.00	0	60.2	60.2	60.2	16.1	16.1
6-7 PM	1478	0.0	417	0.0	3000	1478	0	417	0.22	0	60.2	53.5	49.7	17.5	17.5
7-8 PM	1053	0.0	297	0.0	3000	1053	0	297	0.22	0	60.2	53.5	49.7	19.3	19.3
8-9 PM	937	0.0	265	0.0	3000	937	0	265	0.22	0	60.2	53.5	49.7	19.7	19.7
9-10 PM	856	0.0	242	0.0	3000	856	0	242	0.22	0	60.2	53.5	49.7	20.1	20.1
10-11 PM	690	0.0	195	0.0	3000	690	0	195	0.22	0	60.2	53.5	49.7	20.7	20.7
11PM-MID	472	0.0	133	0.0	3000	472	0	133	0.22	0	60.2	53.5	49.7	21.7	21.7

"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
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0074
MAIN ROUTE WITH WORKS	0.0068
DIVERSION	0.0558

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$431
CONGESTED HOURS PER DAY*	0

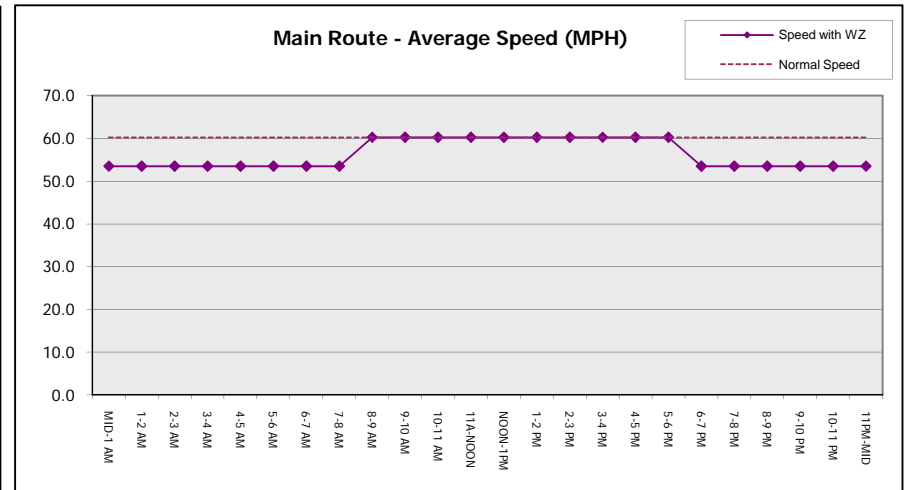
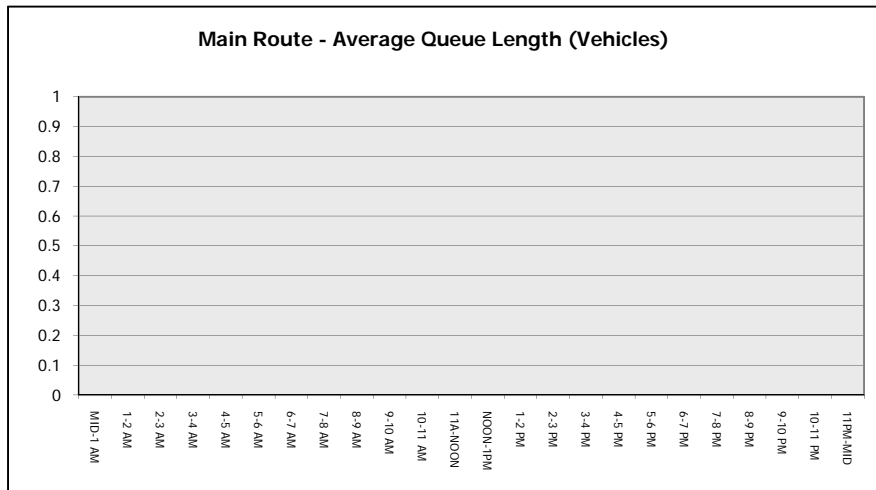
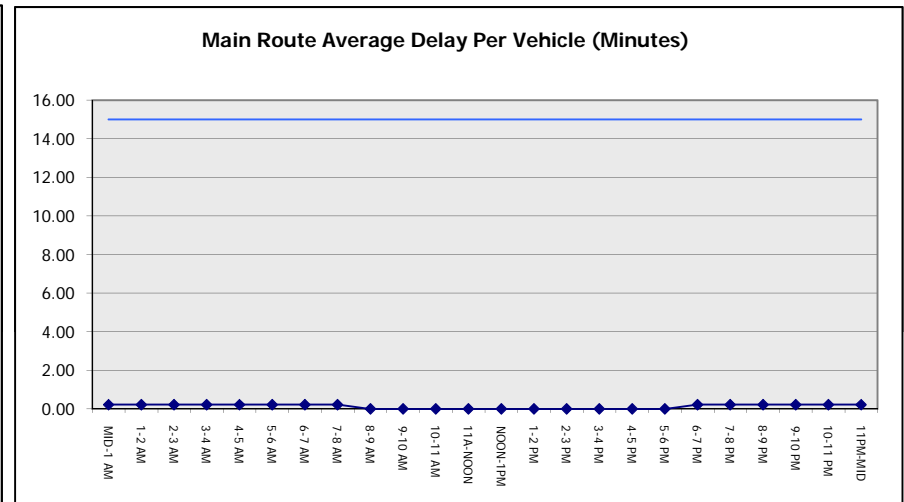
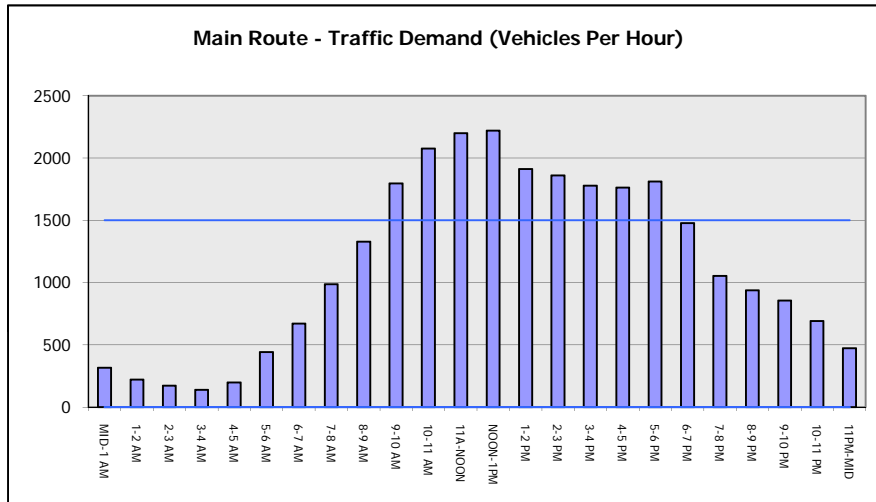
\*Delays Exceeding 15 Minutes

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

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

**SATURDAY WESTBOUND DIRECTION**



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

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**SUMMARY OF TRAFFIC MODEL OUTPUT**  
SATURDAY 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	424	0.0	119	0.0	3000	424	0	119	0.22	0	60.2	53.5	49.7	21.9	21.9
1-2 AM	267	0.0	75	0.0	3000	267	0	75	0.22	0	60.2	53.5	49.7	22.5	22.5
2-3 AM	255	0.0	72	0.0	3000	255	0	72	0.22	0	60.2	53.5	49.7	22.5	22.5
3-4 AM	199	0.0	56	0.0	3000	199	0	56	0.22	0	60.2	53.5	49.7	22.8	22.8
4-5 AM	192	0.0	54	0.0	3000	192	0	54	0.22	0	60.2	53.5	49.7	22.8	22.8
5-6 AM	261	0.0	73	0.0	3000	261	0	73	0.22	0	60.2	53.5	49.7	22.5	22.5
6-7 AM	513	0.0	145	0.0	3000	513	0	145	0.22	0	60.2	53.5	49.7	21.5	21.5
7-8 AM	764	0.0	216	0.0	3000	764	0	216	0.22	0	60.2	53.5	49.7	20.4	20.4
8-9 AM	1044	0.0	295	0.0	OFF	1044	0	295	0.00	0	60.2	60.2	60.2	19.3	19.3
9-10 AM	1319	0.0	372	0.0	OFF	1319	0	372	0.00	0	60.2	60.2	60.2	18.2	18.2
10-11 AM	1775	0.0	501	0.0	OFF	1775	0	501	0.00	0	60.2	60.2	60.2	16.3	16.3
11A-NOON	2050	0.0	579	0.0	OFF	2050	0	579	0.00	0	60.2	60.2	60.2	15.2	15.2
NOON-1PM	2115	0.0	597	0.0	OFF	2115	0	597	0.00	0	60.2	60.2	60.2	14.9	14.9
1-2 PM	1986	0.0	561	0.0	OFF	1986	0	561	0.00	0	60.2	60.2	60.2	15.4	15.4
2-3 PM	2114	0.0	597	0.0	OFF	2114	0	597	0.00	0	60.2	60.2	60.2	14.9	14.9
3-4 PM	2128	0.0	601	0.0	OFF	2128	0	601	0.00	0	60.2	60.2	60.2	14.8	14.8
4-5 PM	1949	0.0	550	0.0	OFF	1949	0	550	0.00	0	60.2	60.2	60.2	15.6	15.6
5-6 PM	1716	0.0	484	0.0	OFF	1716	0	484	0.00	0	60.2	60.2	60.2	16.5	16.5
6-7 PM	1453	0.0	410	0.0	3000	1453	0	410	0.22	0	60.2	53.5	49.7	17.6	17.6
7-8 PM	1239	0.0	349	0.0	3000	1239	0	349	0.22	0	60.2	53.5	49.7	18.5	18.5
8-9 PM	1166	0.0	330	0.0	3000	1166	0	330	0.22	0	60.2	53.5	49.7	18.8	18.8
9-10 PM	1063	0.0	300	0.0	3000	1063	0	300	0.22	0	60.2	53.5	49.7	19.3	19.3
10-11 PM	858	0.0	243	0.0	3000	858	0	243	0.22	0	60.2	53.5	49.7	20.1	20.1
11PM-MID	624	0.0	176	0.0	3000	624	0	176	0.22	0	60.2	53.5	49.7	21.1	21.1

"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	0.0074
MAIN ROUTE WITH WORKS	0.0068
DIVERSION	0.0560

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$463
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE  
DIVERSION ROUTE: STH 32 - STH 57**

**AUGUST**  
Analyzed for 2009  
Construction Season

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

