

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

**MAY**  
 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	275	0.0	77	0.0	OFF	275	0	77	0.00	0	60.2	60.2	60.2	22.5	22.5
1-2 AM	152	0.0	43	0.0	OFF	152	0	43	0.00	0	60.2	60.2	60.2	23.0	23.0
2-3 AM	140	0.0	40	0.0	OFF	140	0	40	0.00	0	60.2	60.2	60.2	23.0	23.0
3-4 AM	120	0.0	33	0.0	OFF	120	0	33	0.00	0	60.2	60.2	60.2	23.1	23.1
4-5 AM	211	0.0	60	0.0	OFF	211	0	60	0.00	0	60.2	60.2	60.2	22.7	22.7
5-6 AM	433	0.0	122	0.0	OFF	433	0	122	0.00	0	60.2	60.2	60.2	21.8	21.8
6-7 AM	712	0.0	201	0.0	OFF	712	0	201	0.00	0	60.2	60.2	60.2	20.7	20.7
7-8 AM	1113	0.0	314	0.0	OFF	1113	0	314	0.00	0	60.2	60.2	60.2	19.0	19.0
8-9 AM	1607	0.0	454	0.0	3000	1607	0	454	0.22	0	60.2	53.5	49.7	17.0	17.0
9-10 AM	1902	0.0	537	0.0	3000	1902	0	537	0.22	0	60.2	53.5	49.7	15.8	15.8
10-11 AM	2157	0.0	609	0.0	3000	2157	0	609	0.22	0	60.2	53.5	49.7	14.7	14.7
11A-NOON	2352	0.0	664	0.0	3000	2352	0	664	0.22	0	60.2	53.5	49.7	13.9	13.9
NOON-1PM	2357	0.0	665	0.0	3000	2357	0	665	0.22	0	60.2	53.5	49.7	13.9	13.9
1-2 PM	2210	0.0	624	0.0	3000	2210	0	624	0.22	0	60.2	53.5	49.7	14.5	14.5
2-3 PM	2165	0.0	611	0.0	3000	2165	0	611	0.22	0	60.2	53.5	49.7	14.7	14.7
3-4 PM	2139	0.0	604	0.0	3000	2139	0	604	0.22	0	60.2	53.5	49.7	14.8	14.8
4-5 PM	2056	0.0	581	0.0	3000	2056	0	581	0.22	0	60.2	53.5	49.7	15.2	15.2
5-6 PM	1933	0.0	546	0.0	3000	1933	0	546	0.22	0	60.2	53.5	49.7	15.6	15.6
6-7 PM	1461	0.0	412	0.0	OFF	1461	0	412	0.00	0	60.2	60.2	60.2	17.6	17.6
7-8 PM	1222	0.0	345	0.0	OFF	1222	0	345	0.00	0	60.2	60.2	60.2	18.6	18.6
8-9 PM	1012	0.0	286	0.0	OFF	1012	0	286	0.00	0	60.2	60.2	60.2	19.4	19.4
9-10 PM	857	0.0	242	0.0	OFF	857	0	242	0.00	0	60.2	60.2	60.2	20.1	20.1
10-11 PM	595	0.0	167	0.0	OFF	595	0	167	0.00	0	60.2	60.2	60.2	21.2	21.2
11PM-MID	541	0.0	153	0.0	OFF	541	0	153	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	0.0081
MAIN ROUTE WITH WORKS	0.0067
DIVERSION	0.0606

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,158
CONGESTED HOURS PER DAY*	0

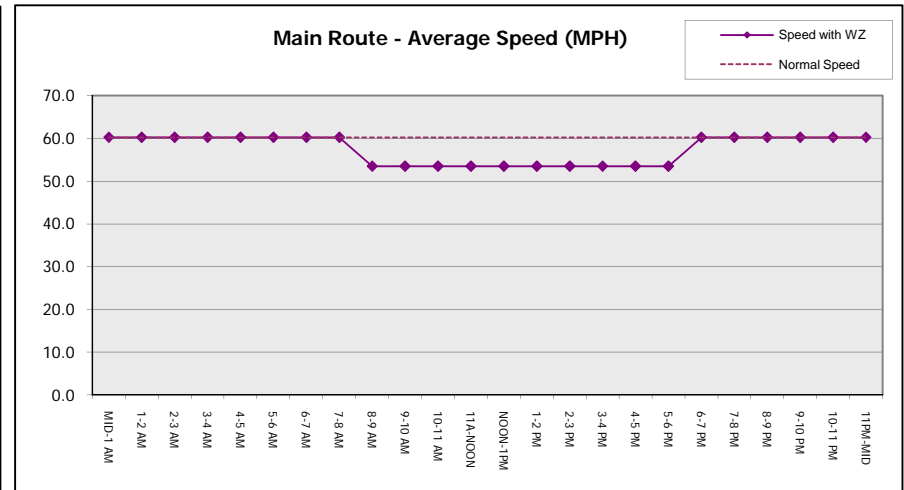
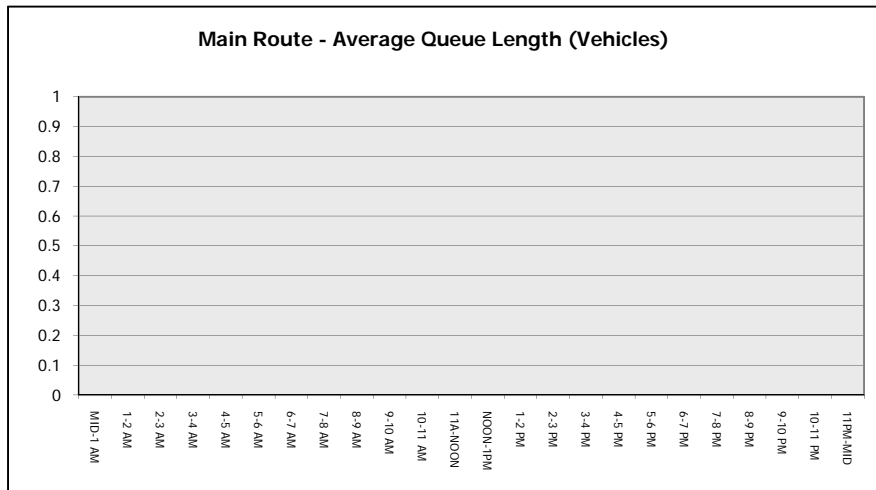
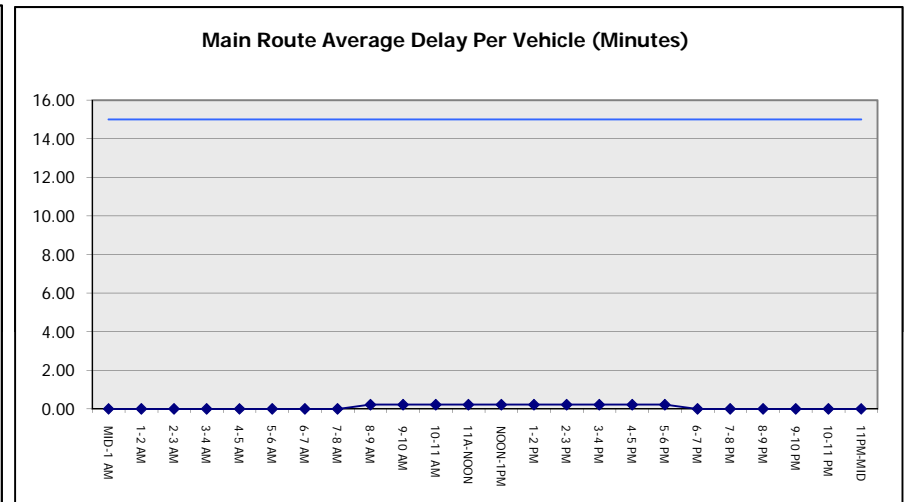
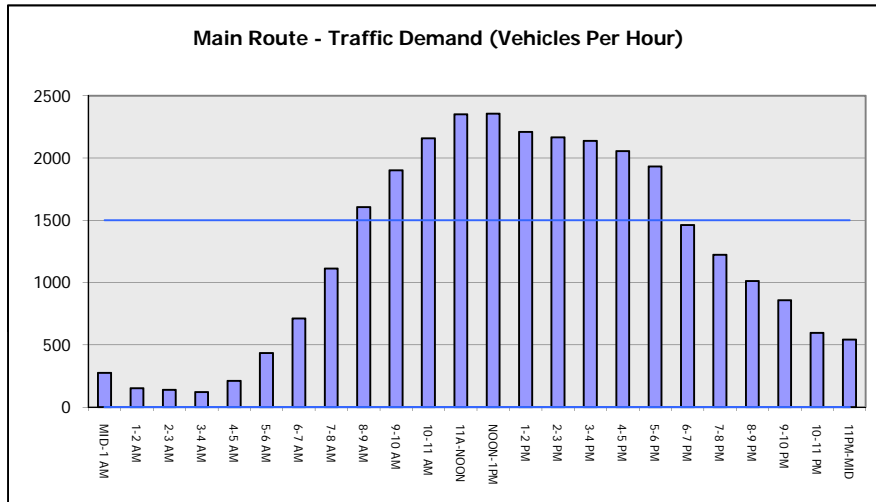
\*Delays Exceeding 15 Minutes

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

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**SATURDAY 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>MAY</b>
	Analyzed for 2009 Construction Season

**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	419	0.0	118	0.0	OFF	419	0	118	0.00	0	60.2	60.2	60.2	21.9	21.9
1-2 AM	257	0.0	72	0.0	OFF	257	0	72	0.00	0	60.2	60.2	60.2	22.5	22.5
2-3 AM	243	0.0	69	0.0	OFF	243	0	69	0.00	0	60.2	60.2	60.2	22.6	22.6
3-4 AM	157	0.0	44	0.0	OFF	157	0	44	0.00	0	60.2	60.2	60.2	23.0	23.0
4-5 AM	176	0.0	49	0.0	OFF	176	0	49	0.00	0	60.2	60.2	60.2	22.9	22.9
5-6 AM	290	0.0	82	0.0	OFF	290	0	82	0.00	0	60.2	60.2	60.2	22.4	22.4
6-7 AM	606	0.0	171	0.0	OFF	606	0	171	0.00	0	60.2	60.2	60.2	21.1	21.1
7-8 AM	1200	0.0	339	0.0	OFF	1200	0	339	0.00	0	60.2	60.2	60.2	18.6	18.6
8-9 AM	1401	0.0	396	0.0	3000	1401	0	396	0.22	0	60.2	53.5	49.7	17.8	17.8
9-10 AM	1522	0.0	430	0.0	3000	1522	0	430	0.22	0	60.2	53.5	49.7	17.3	17.3
10-11 AM	1744	0.0	493	0.0	3000	1744	0	493	0.22	0	60.2	53.5	49.7	16.4	16.4
11A-NOON	1998	0.0	564	0.0	3000	1998	0	564	0.22	0	60.2	53.5	49.7	15.4	15.4
NOON-1PM	2122	0.0	600	0.0	3000	2122	0	600	0.22	0	60.2	53.5	49.7	14.8	14.8
1-2 PM	2216	0.0	626	0.0	3000	2216	0	626	0.22	0	60.2	53.5	49.7	14.5	14.5
2-3 PM	2435	0.0	687	0.0	3000	2435	0	687	0.25	0	60.2	52.5	48.4	13.6	13.6
3-4 PM	2291	0.0	647	0.0	3000	2291	0	647	0.22	0	60.2	53.5	49.7	14.2	14.2
4-5 PM	2082	0.0	588	0.0	3000	2082	0	588	0.22	0	60.2	53.5	49.7	15.0	15.0
5-6 PM	1951	0.0	550	0.0	3000	1951	0	550	0.22	0	60.2	53.5	49.7	15.6	15.6
6-7 PM	1703	0.0	481	0.0	OFF	1703	0	481	0.00	0	60.2	60.2	60.2	16.6	16.6
7-8 PM	1396	0.0	394	0.0	OFF	1396	0	394	0.00	0	60.2	60.2	60.2	17.8	17.8
8-9 PM	1271	0.0	359	0.0	OFF	1271	0	359	0.00	0	60.2	60.2	60.2	18.4	18.4
9-10 PM	1086	0.0	307	0.0	OFF	1086	0	307	0.00	0	60.2	60.2	60.2	19.1	19.1
10-11 PM	774	0.0	219	0.0	OFF	774	0	219	0.00	0	60.2	60.2	60.2	20.4	20.4
11PM-MID	637	0.0	180	0.0	OFF	637	0	180	0.00	0	60.2	60.2	60.2	21.0	21.0

"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	0.0081
MAIN ROUTE WITH WORKS	0.0068
DIVERSION	0.0611

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,114
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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DIVERSION ROUTE: STH 32 - STH 57**

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Construction Season

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**SATURDAY EASTBOUND DIRECTION**

