

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

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	OFF	316	0	89	0.00	0	60.2	60.2	60.2	22.3	22.3
1-2 AM	222	0.0	63	0.0	OFF	222	0	63	0.00	0	60.2	60.2	60.2	22.7	22.7
2-3 AM	172	0.0	49	0.0	OFF	172	0	49	0.00	0	60.2	60.2	60.2	22.9	22.9
3-4 AM	140	0.0	40	0.0	OFF	140	0	40	0.00	0	60.2	60.2	60.2	23.0	23.0
4-5 AM	199	0.0	56	0.0	OFF	199	0	56	0.00	0	60.2	60.2	60.2	22.8	22.8
5-6 AM	442	0.0	125	0.0	OFF	442	0	125	0.00	0	60.2	60.2	60.2	21.8	21.8
6-7 AM	671	0.0	189	0.0	OFF	671	0	189	0.00	0	60.2	60.2	60.2	20.9	20.9
7-8 AM	987	0.0	278	0.0	OFF	987	0	278	0.00	0	60.2	60.2	60.2	19.6	19.6
8-9 AM	1329	0.0	376	0.0	3000	1329	0	376	0.22	0	60.2	53.5	49.7	18.1	18.1
9-10 AM	1797	0.0	507	0.0	3000	1797	0	507	0.22	0	60.2	53.5	49.7	16.2	16.2
10-11 AM	2077	0.0	586	0.0	3000	2077	0	586	0.22	0	60.2	53.5	49.7	15.1	15.1
11A-NOON	2199	0.0	620	0.0	3000	2199	0	620	0.22	0	60.2	53.5	49.7	14.5	14.5
NOON-1PM	2221	0.0	627	0.0	3000	2221	0	627	0.22	0	60.2	53.5	49.7	14.5	14.5
1-2 PM	1912	0.0	540	0.0	3000	1912	0	540	0.22	0	60.2	53.5	49.7	15.7	15.7
2-3 PM	1859	0.0	525	0.0	3000	1859	0	525	0.22	0	60.2	53.5	49.7	16.0	16.0
3-4 PM	1779	0.0	502	0.0	3000	1779	0	502	0.22	0	60.2	53.5	49.7	16.3	16.3
4-5 PM	1762	0.0	498	0.0	3000	1762	0	498	0.22	0	60.2	53.5	49.7	16.3	16.3
5-6 PM	1811	0.0	512	0.0	3000	1811	0	512	0.22	0	60.2	53.5	49.7	16.1	16.1
6-7 PM	1478	0.0	417	0.0	OFF	1478	0	417	0.00	0	60.2	60.2	60.2	17.5	17.5
7-8 PM	1053	0.0	297	0.0	OFF	1053	0	297	0.00	0	60.2	60.2	60.2	19.3	19.3
8-9 PM	937	0.0	265	0.0	OFF	937	0	265	0.00	0	60.2	60.2	60.2	19.7	19.7
9-10 PM	856	0.0	242	0.0	OFF	856	0	242	0.00	0	60.2	60.2	60.2	20.1	20.1
10-11 PM	690	0.0	195	0.0	OFF	690	0	195	0.00	0	60.2	60.2	60.2	20.7	20.7
11PM-MID	472	0.0	133	0.0	OFF	472	0	133	0.00	0	60.2	60.2	60.2	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	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	0.0062
DIVERSION	0.0558

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,039
CONGESTED HOURS PER DAY*	0

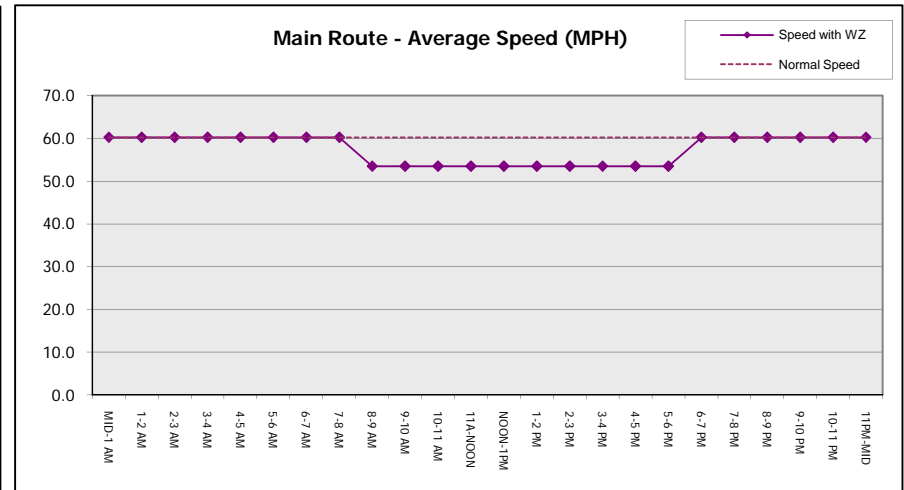
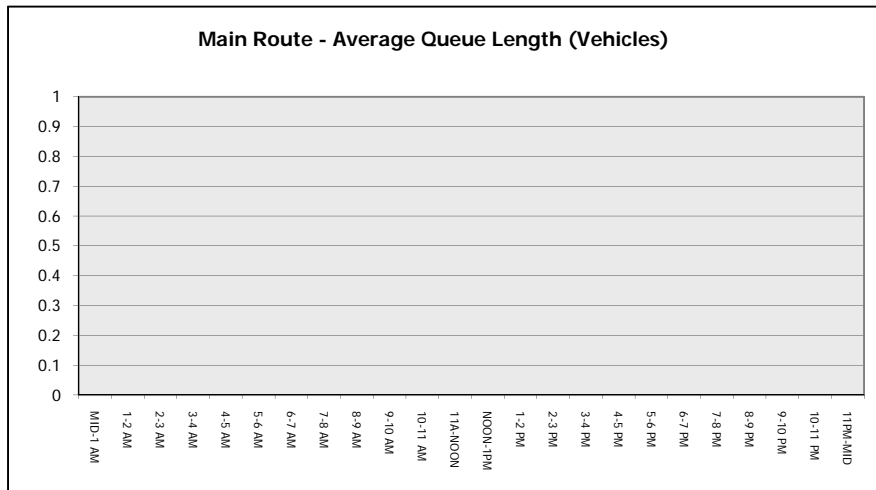
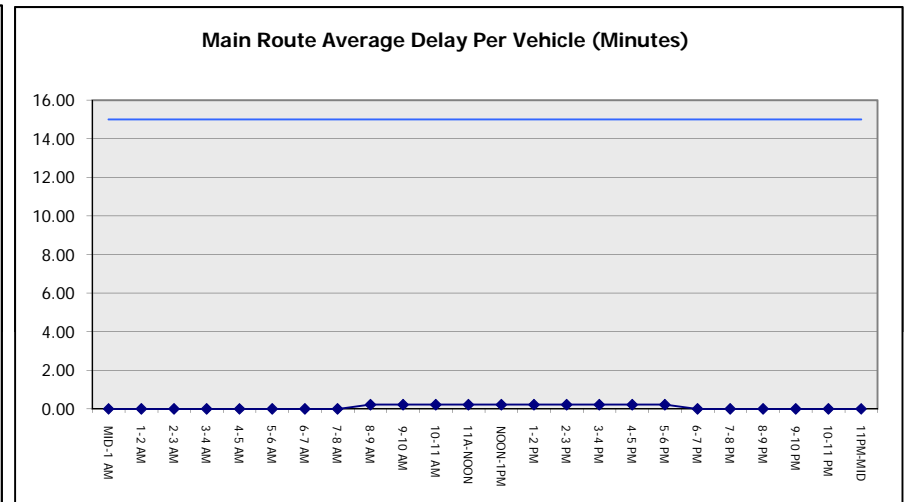
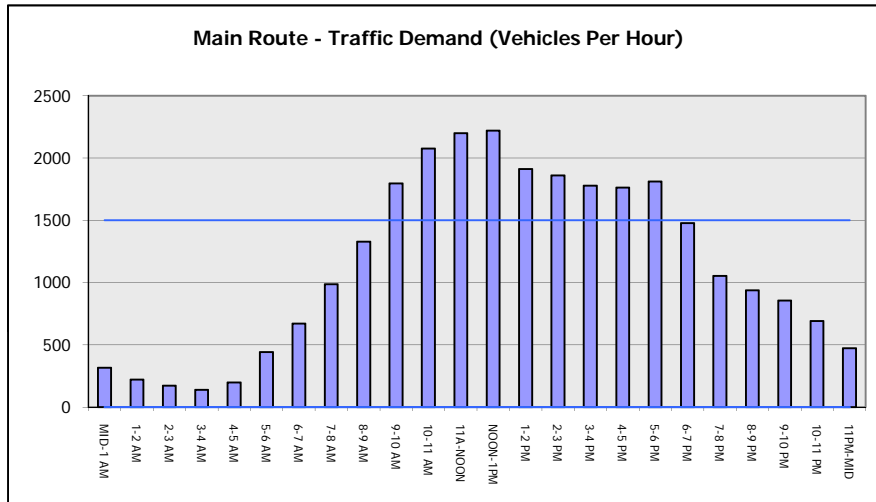
*Delays Exceeding 15 Minutes

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

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY WESTBOUND DIRECTION



STH 172: USH 41 TO STH 57 (BROWN COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 32 - STH 57	AUGUST
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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	OFF	424	0	119	0.00	0	60.2	60.2	60.2	21.9	21.9
1-2 AM	267	0.0	75	0.0	OFF	267	0	75	0.00	0	60.2	60.2	60.2	22.5	22.5
2-3 AM	255	0.0	72	0.0	OFF	255	0	72	0.00	0	60.2	60.2	60.2	22.5	22.5
3-4 AM	199	0.0	56	0.0	OFF	199	0	56	0.00	0	60.2	60.2	60.2	22.8	22.8
4-5 AM	192	0.0	54	0.0	OFF	192	0	54	0.00	0	60.2	60.2	60.2	22.8	22.8
5-6 AM	261	0.0	73	0.0	OFF	261	0	73	0.00	0	60.2	60.2	60.2	22.5	22.5
6-7 AM	513	0.0	145	0.0	OFF	513	0	145	0.00	0	60.2	60.2	60.2	21.5	21.5
7-8 AM	764	0.0	216	0.0	OFF	764	0	216	0.00	0	60.2	60.2	60.2	20.4	20.4
8-9 AM	1044	0.0	295	0.0	3000	1044	0	295	0.22	0	60.2	53.5	49.7	19.3	19.3
9-10 AM	1319	0.0	372	0.0	3000	1319	0	372	0.22	0	60.2	53.5	49.7	18.2	18.2
10-11 AM	1775	0.0	501	0.0	3000	1775	0	501	0.22	0	60.2	53.5	49.7	16.3	16.3
11A-NOON	2050	0.0	579	0.0	3000	2050	0	579	0.22	0	60.2	53.5	49.7	15.2	15.2
NOON-1PM	2115	0.0	597	0.0	3000	2115	0	597	0.22	0	60.2	53.5	49.7	14.9	14.9
1-2 PM	1986	0.0	561	0.0	3000	1986	0	561	0.22	0	60.2	53.5	49.7	15.4	15.4
2-3 PM	2114	0.0	597	0.0	3000	2114	0	597	0.22	0	60.2	53.5	49.7	14.9	14.9
3-4 PM	2128	0.0	601	0.0	3000	2128	0	601	0.22	0	60.2	53.5	49.7	14.8	14.8
4-5 PM	1949	0.0	550	0.0	3000	1949	0	550	0.22	0	60.2	53.5	49.7	15.6	15.6
5-6 PM	1716	0.0	484	0.0	3000	1716	0	484	0.22	0	60.2	53.5	49.7	16.5	16.5
6-7 PM	1453	0.0	410	0.0	OFF	1453	0	410	0.00	0	60.2	60.2	60.2	17.6	17.6
7-8 PM	1239	0.0	349	0.0	OFF	1239	0	349	0.00	0	60.2	60.2	60.2	18.5	18.5
8-9 PM	1166	0.0	330	0.0	OFF	1166	0	330	0.00	0	60.2	60.2	60.2	18.8	18.8
9-10 PM	1063	0.0	300	0.0	OFF	1063	0	300	0.00	0	60.2	60.2	60.2	19.3	19.3
10-11 PM	858	0.0	243	0.0	OFF	858	0	243	0.00	0	60.2	60.2	60.2	20.1	20.1
11PM-MID	624	0.0	176	0.0	OFF	624	0	176	0.00	0	60.2	60.2	60.2	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	0.0062
DIVERSION	0.0560

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,009
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
SATURDAY EASTBOUND DIRECTION

