

STH 172: USH 41 TO STH 57 (BROWN COUNTY) NIGHTTIME 2 LANE 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	1500	316	0	89	0.37	0	60.2	49.5	44.2	22.3	22.3
1-2 AM	222	0.0	63	0.0	1500	222	0	63	0.36	0	60.2	49.8	44.6	22.7	22.7
2-3 AM	172	0.0	49	0.0	1500	172	0	49	0.35	0	60.2	49.9	44.8	22.9	22.9
3-4 AM	140	0.0	40	0.0	1500	140	0	40	0.35	0	60.2	50.1	44.9	23.0	23.0
4-5 AM	199	0.0	56	0.0	1500	199	0	56	0.35	0	60.2	49.9	44.7	22.8	22.8
5-6 AM	442	0.0	125	0.0	1500	442	0	125	0.38	0	60.2	49.1	43.7	21.8	21.8
6-7 AM	671	0.0	189	0.0	1500	671	0	189	0.41	0	60.2	48.5	42.8	20.9	20.9
7-8 AM	987	0.0	278	0.0	1500	987	0	278	0.45	0	60.2	47.6	41.7	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	1499	1478	0	417	1.43	14	60.2	32.7	31.8	17.5	17.5
7-8 PM	1053	0.0	297	0.0	1500	1053	0	297	0.46	0	60.2	47.4	41.5	19.3	19.3
8-9 PM	937	0.0	265	0.0	1500	937	0	265	0.44	0	60.2	47.8	41.9	19.7	19.7
9-10 PM	856	0.0	242	0.0	1500	856	0	242	0.43	0	60.2	47.9	42.2	20.1	20.1
10-11 PM	690	0.0	195	0.0	1500	690	0	195	0.41	0	60.2	48.4	42.8	20.7	20.7
11PM-MID	472	0.0	133	0.0	1500	472	0	133	0.39	0	60.2	49.1	43.6	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	0.0068
DIVERSION	0.0558

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,260
CONGESTED HOURS PER DAY*	0

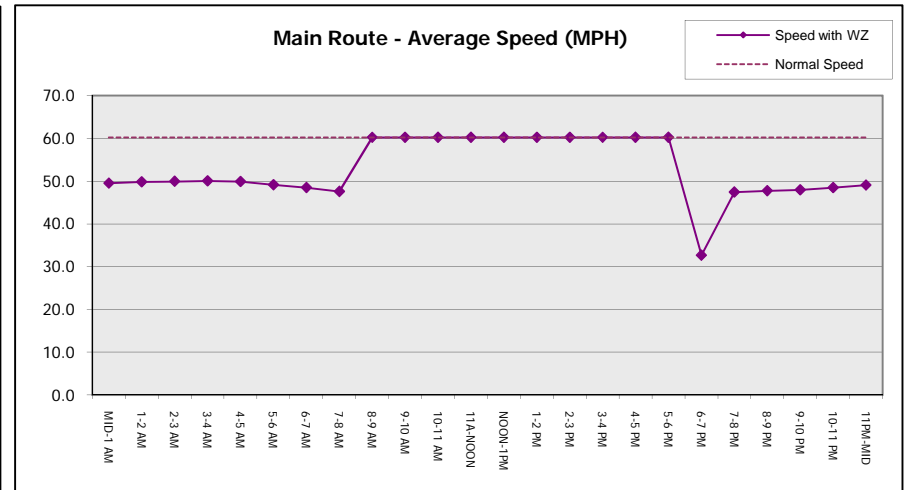
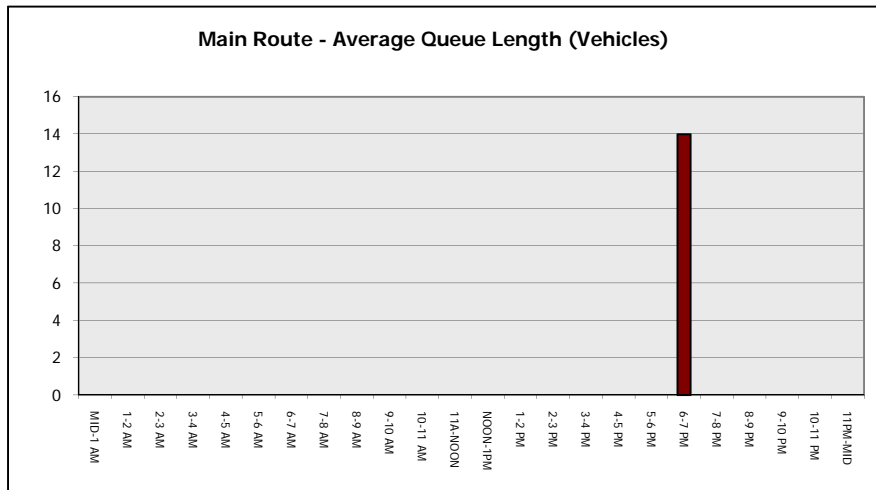
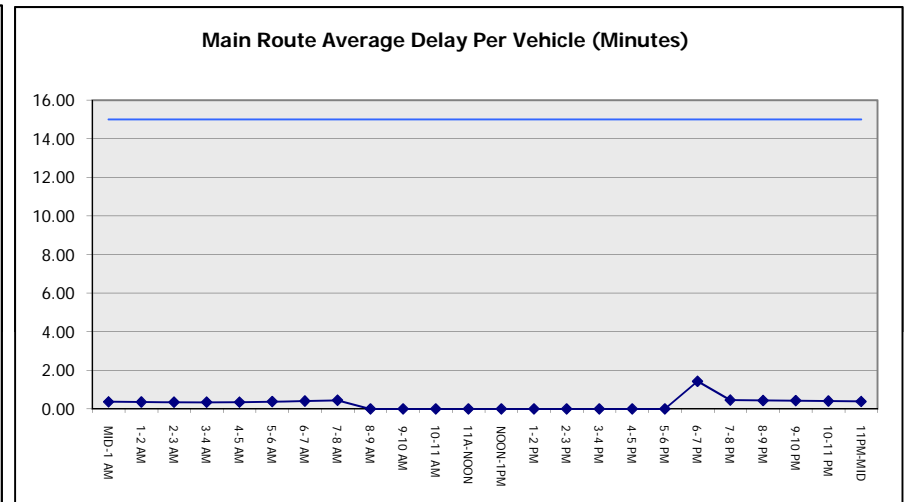
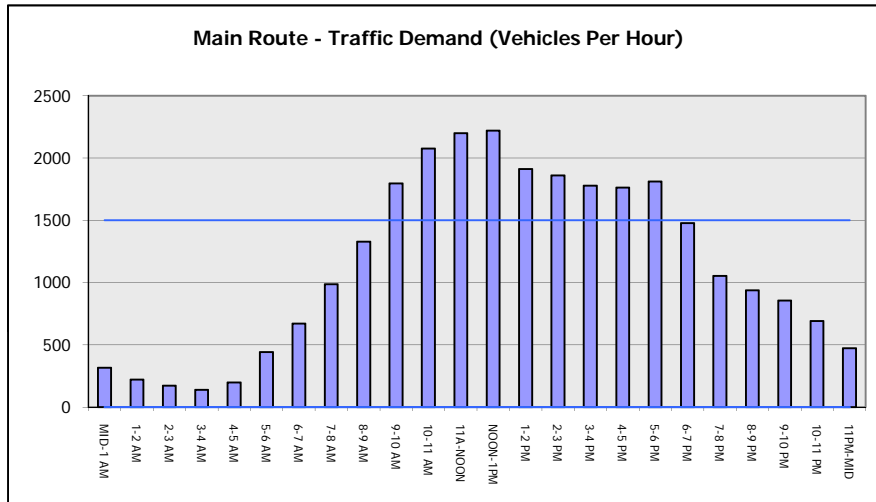
*Delays Exceeding 15 Minutes

STH 172: USH 41 TO STH 57 (BROWN COUNTY)
NIGHTTIME 2 LANE CLOSURE
DIVERSION ROUTE: STH 32 - STH 57

AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY WESTBOUND DIRECTION



STH 172: USH 41 TO STH 57 (BROWN COUNTY) NIGHTTIME 2 LANE 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	1500	424	0	119	0.38	0	60.2	49.2	43.8	21.9	21.9	
1-2 AM	267	0.0	75	0.0	1500	267	0	75	0.36	0	60.2	49.7	44.4	22.5	22.5	
2-3 AM	255	0.0	72	0.0	1500	255	0	72	0.36	0	60.2	49.7	44.5	22.5	22.5	
3-4 AM	199	0.0	56	0.0	1500	199	0	56	0.35	0	60.2	49.9	44.7	22.8	22.8	
4-5 AM	192	0.0	54	0.0	1500	192	0	54	0.35	0	60.2	49.9	44.7	22.8	22.8	
5-6 AM	261	0.0	73	0.0	1500	261	0	73	0.36	0	60.2	49.7	44.5	22.5	22.5	
6-7 AM	513	0.0	145	0.0	1500	513	0	145	0.39	0	60.2	48.9	43.5	21.5	21.5	
7-8 AM	764	0.0	216	0.0	1500	764	0	216	0.42	0	60.2	48.2	42.5	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	1499	1453	0	410	0.96	1	60.2	38.4	31.9	17.6	17.6	
7-8 PM	1239	0.0	349	0.0	1500	1239	0	349	0.63	0	60.2	44.0	37.3	18.5	18.5	
8-9 PM	1166	0.0	330	0.0	1500	1166	0	330	0.53	0	60.2	45.9	39.6	18.8	18.8	
9-10 PM	1063	0.0	300	0.0	1500	1063	0	300	0.46	0	60.2	47.4	41.5	19.3	19.3	
10-11 PM	858	0.0	243	0.0	1500	858	0	243	0.43	0	60.2	47.9	42.2	20.1	20.1	
11PM-MID	624	0.0	176	0.0	1500	624	0	176	0.41	0	60.2	48.6	43.0	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)	\$1,235
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**STH 172: USH 41 TO STH 57 (BROWN COUNTY)
 NIGHTTIME 2 LANE CLOSURE
 DIVERSION ROUTE: STH 32 - STH 57**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

