

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
 MON-THUR 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	135	0.0	39	0.0	OFF	135	0	39	0.00	0	60.2	60.2	60.2	23.0	23.0
1-2 AM	88	0.0	25	0.0	OFF	88	0	25	0.00	0	60.2	60.2	60.2	23.2	23.2
2-3 AM	109	0.0	30	0.0	OFF	109	0	30	0.00	0	60.2	60.2	60.2	23.2	23.2
3-4 AM	142	0.0	40	0.0	OFF	142	0	40	0.00	0	60.2	60.2	60.2	23.0	23.0
4-5 AM	429	0.0	121	0.0	OFF	429	0	121	0.00	0	60.2	60.2	60.2	21.9	21.9
5-6 AM	1393	0.0	393	0.0	OFF	1393	0	393	0.00	0	60.2	60.2	60.2	17.9	17.9
6-7 AM	3049	0.0	861	0.0	OFF	3049	0	861	0.00	0	60.2	60.2	60.2	11.5	11.5
7-8 AM	4297	0.0	1214	0.0	OFF	4297	0	1214	0.00	0	60.2	60.2	60.2	9.5	9.5
8-9 AM	2547	0.0	719	0.0	OFF	2547	0	719	0.00	0	60.2	60.2	60.2	13.1	13.1
9-10 AM	1935	0.0	546	0.0	OFF	1935	0	546	0.00	0	60.2	60.2	60.2	15.6	15.6
10-11 AM	1890	0.0	534	0.0	3000	1890	0	534	0.22	0	60.2	53.5	49.7	15.8	15.8
11A-NOON	1957	0.0	552	0.0	3000	1957	0	552	0.22	0	60.2	53.5	49.7	15.5	15.5
NOON-1PM	2022	0.0	571	0.0	3000	2022	0	571	0.22	0	60.2	53.5	49.7	15.3	15.3
1-2 PM	2075	0.0	586	0.0	3000	2075	0	586	0.22	0	60.2	53.5	49.7	15.1	15.1
2-3 PM	2312	0.0	653	0.0	3000	2312	0	653	0.22	0	60.2	53.5	49.7	14.1	14.1
3-4 PM	2673	0.0	754	0.0	OFF	2673	0	754	0.00	0	60.2	60.2	60.2	12.6	12.6
4-5 PM	2982	0.0	842	0.0	OFF	2982	0	842	0.00	0	60.2	60.2	60.2	11.6	11.6
5-6 PM	2733	0.0	771	0.0	OFF	2733	0	771	0.00	0	60.2	60.2	60.2	12.4	12.4
6-7 PM	1864	0.0	526	0.0	OFF	1864	0	526	0.00	0	60.2	60.2	60.2	16.0	16.0
7-8 PM	1232	0.0	347	0.0	OFF	1232	0	347	0.00	0	60.2	60.2	60.2	18.6	18.6
8-9 PM	941	0.0	266	0.0	OFF	941	0	266	0.00	0	60.2	60.2	60.2	19.7	19.7
9-10 PM	707	0.0	200	0.0	OFF	707	0	200	0.00	0	60.2	60.2	60.2	20.7	20.7
10-11 PM	494	0.0	139	0.0	OFF	494	0	139	0.00	0	60.2	60.2	60.2	21.5	21.5
11PM-MID	246	0.0	69	0.0	OFF	246	0	69	0.00	0	60.2	60.2	60.2	22.6	22.6

"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	0.0104
MAIN ROUTE WITH WORKS	0.0097
DIVERSION	0.0780

PIA: Personal Injury Accidents

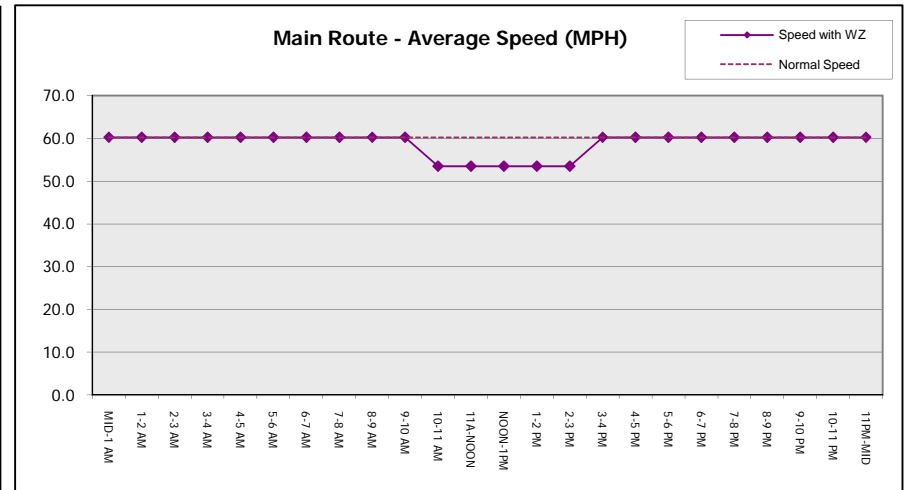
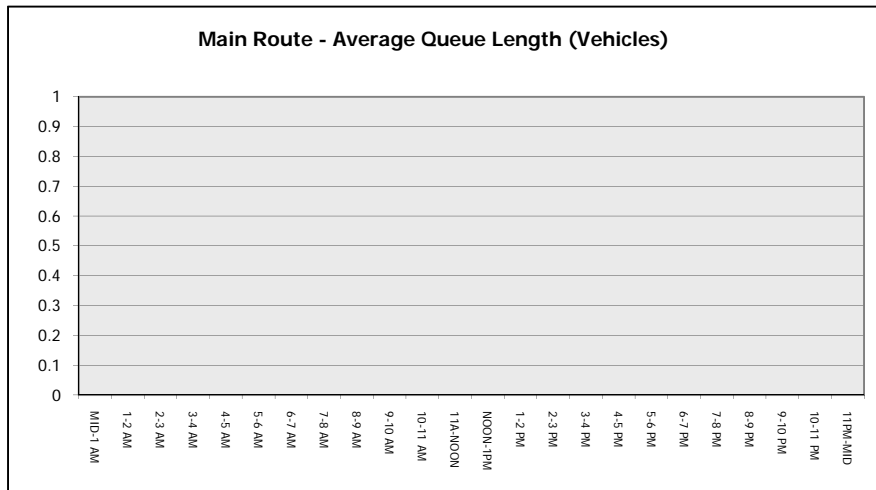
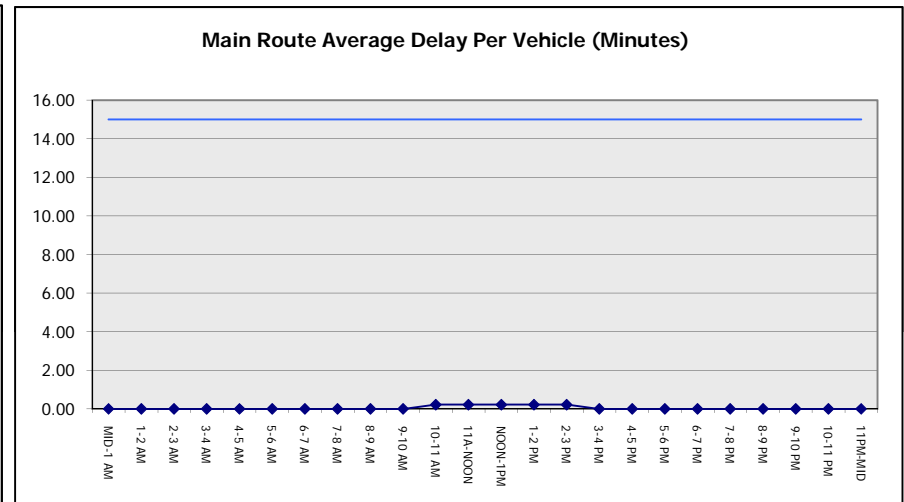
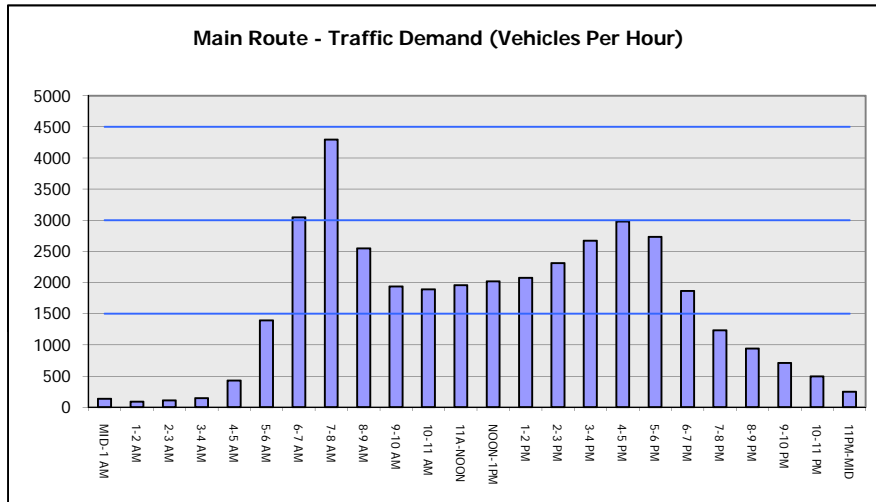
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$457
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



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

MON-THUR 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	226	0.0	64	0.0	OFF	226	0	64	0.00	0	60.2	60.2	60.2	22.7	22.7
1-2 AM	153	0.0	43	0.0	OFF	153	0	43	0.00	0	60.2	60.2	60.2	23.0	23.0
2-3 AM	129	0.0	37	0.0	OFF	129	0	37	0.00	0	60.2	60.2	60.2	23.0	23.0
3-4 AM	129	0.0	37	0.0	OFF	129	0	37	0.00	0	60.2	60.2	60.2	23.0	23.0
4-5 AM	262	0.0	74	0.0	OFF	262	0	74	0.00	0	60.2	60.2	60.2	22.5	22.5
5-6 AM	638	0.0	180	0.0	OFF	638	0	180	0.00	0	60.2	60.2	60.2	21.0	21.0
6-7 AM	1524	0.0	430	0.0	OFF	1524	0	430	0.00	0	60.2	60.2	60.2	17.3	17.3
7-8 AM	2122	0.0	600	0.0	OFF	2122	0	600	0.00	0	60.2	60.2	60.2	14.8	14.8
8-9 AM	1837	0.0	519	0.0	OFF	1837	0	519	0.00	0	60.2	60.2	60.2	16.0	16.0
9-10 AM	1668	0.0	471	0.0	OFF	1668	0	471	0.00	0	60.2	60.2	60.2	16.8	16.8
10-11 AM	1652	0.0	467	0.0	3000	1652	0	467	0.22	0	60.2	53.5	49.7	16.8	16.8
11A-NOON	1908	0.0	539	0.0	3000	1908	0	539	0.22	0	60.2	53.5	49.7	15.8	15.8
NOON-1PM	2037	0.0	575	0.0	3000	2037	0	575	0.22	0	60.2	53.5	49.7	15.2	15.2
1-2 PM	2185	0.0	617	0.0	3000	2185	0	617	0.22	0	60.2	53.5	49.7	14.6	14.6
2-3 PM	2487	0.0	702	0.0	2999	2487	0	702	0.30	0	60.2	51.2	46.6	13.4	13.4
3-4 PM	3455	0.0	975	0.0	OFF	3455	0	975	0.00	0	60.2	60.2	60.2	10.9	10.9
4-5 PM	4330	0.0	1222	0.0	OFF	4330	0	1222	0.00	0	60.2	60.2	60.2	9.4	9.4
5-6 PM	3865	0.0	1091	0.0	OFF	3865	0	1091	0.00	0	60.2	60.2	60.2	10.2	10.2
6-7 PM	2452	0.0	693	0.0	OFF	2452	0	693	0.00	0	60.2	60.2	60.2	13.5	13.5
7-8 PM	1652	0.0	467	0.0	OFF	1652	0	467	0.00	0	60.2	60.2	60.2	16.8	16.8
8-9 PM	1492	0.0	422	0.0	OFF	1492	0	422	0.00	0	60.2	60.2	60.2	17.5	17.5
9-10 PM	1159	0.0	328	0.0	OFF	1159	0	328	0.00	0	60.2	60.2	60.2	18.8	18.8
10-11 PM	720	0.0	203	0.0	OFF	720	0	203	0.00	0	60.2	60.2	60.2	20.6	20.6
11PM-MID	468	0.0	132	0.0	OFF	468	0	132	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	0.0104
MAIN ROUTE WITH WORKS	0.0098
DIVERSION	0.0786

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$498
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**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

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

