

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

OCTOBER
 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	281	0.0	80	0.0	OFF	281	0	80	0.00	0	60.2	60.2	60.2	22.4	22.4
1-2 AM	166	0.0	47	0.0	OFF	166	0	47	0.00	0	60.2	60.2	60.2	22.9	22.9
2-3 AM	143	0.0	41	0.0	OFF	143	0	41	0.00	0	60.2	60.2	60.2	23.0	23.0
3-4 AM	127	0.0	36	0.0	OFF	127	0	36	0.00	0	60.2	60.2	60.2	23.1	23.1
4-5 AM	224	0.0	63	0.0	OFF	224	0	63	0.00	0	60.2	60.2	60.2	22.7	22.7
5-6 AM	422	0.0	119	0.0	OFF	422	0	119	0.00	0	60.2	60.2	60.2	21.9	21.9
6-7 AM	731	0.0	206	0.0	OFF	731	0	206	0.00	0	60.2	60.2	60.2	20.6	20.6
7-8 AM	1101	0.0	311	0.0	OFF	1101	0	311	0.00	0	60.2	60.2	60.2	19.1	19.1
8-9 AM	1689	0.0	477	0.0	3000	1689	0	477	0.22	0	60.2	53.5	49.7	16.6	16.6
9-10 AM	2016	0.0	569	0.0	3000	2016	0	569	0.22	0	60.2	53.5	49.7	15.3	15.3
10-11 AM	2183	0.0	616	0.0	3000	2183	0	616	0.22	0	60.2	53.5	49.7	14.6	14.6
11A-NOON	2371	0.0	670	0.0	3000	2371	0	670	0.22	0	60.2	53.5	49.7	13.8	13.8
NOON-1PM	2397	0.0	677	0.0	3000	2397	0	677	0.22	0	60.2	53.2	49.4	13.7	13.7
1-2 PM	2261	0.0	638	0.0	3000	2261	0	638	0.22	0	60.2	53.5	49.7	14.3	14.3
2-3 PM	2196	0.0	621	0.0	3000	2196	0	621	0.22	0	60.2	53.5	49.7	14.5	14.5
3-4 PM	2118	0.0	599	0.0	3000	2118	0	599	0.22	0	60.2	53.5	49.7	14.9	14.9
4-5 PM	2108	0.0	595	0.0	3000	2108	0	595	0.22	0	60.2	53.5	49.7	14.9	14.9
5-6 PM	2062	0.0	582	0.0	3000	2062	0	582	0.22	0	60.2	53.5	49.7	15.2	15.2
6-7 PM	1886	0.0	533	0.0	OFF	1886	0	533	0.00	0	60.2	60.2	60.2	15.8	15.8
7-8 PM	1416	0.0	400	0.0	OFF	1416	0	400	0.00	0	60.2	60.2	60.2	17.8	17.8
8-9 PM	1161	0.0	328	0.0	OFF	1161	0	328	0.00	0	60.2	60.2	60.2	18.8	18.8
9-10 PM	936	0.0	265	0.0	OFF	936	0	265	0.00	0	60.2	60.2	60.2	19.7	19.7
10-11 PM	668	0.0	188	0.0	OFF	668	0	188	0.00	0	60.2	60.2	60.2	20.9	20.9
11PM-MID	461	0.0	130	0.0	OFF	461	0	130	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	0.0084
MAIN ROUTE WITH WORKS	0.0070
DIVERSION	0.0634

PIA: Personal Injury Accidents

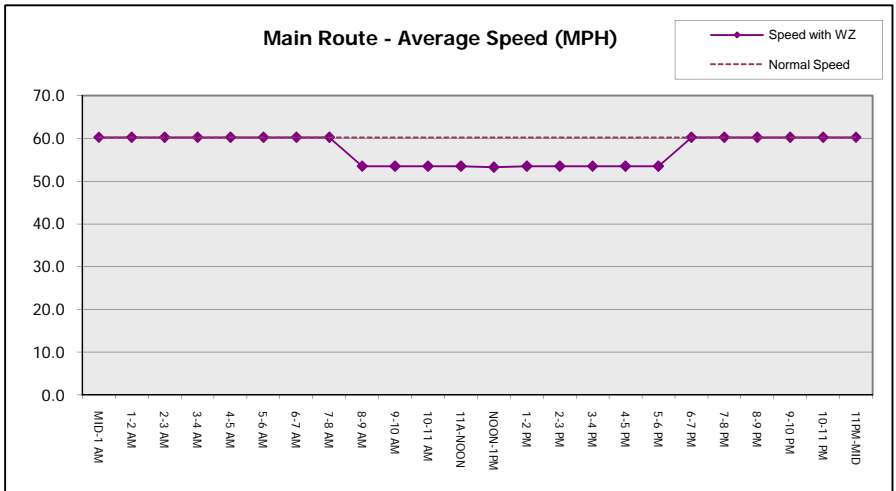
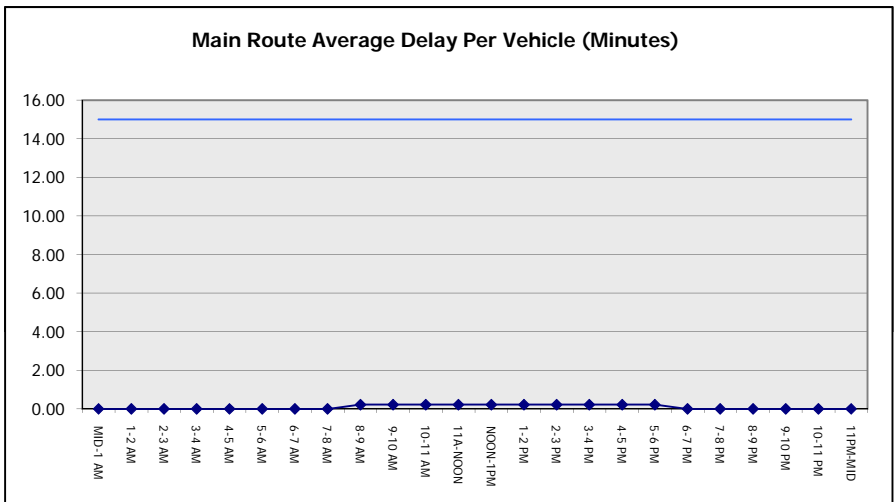
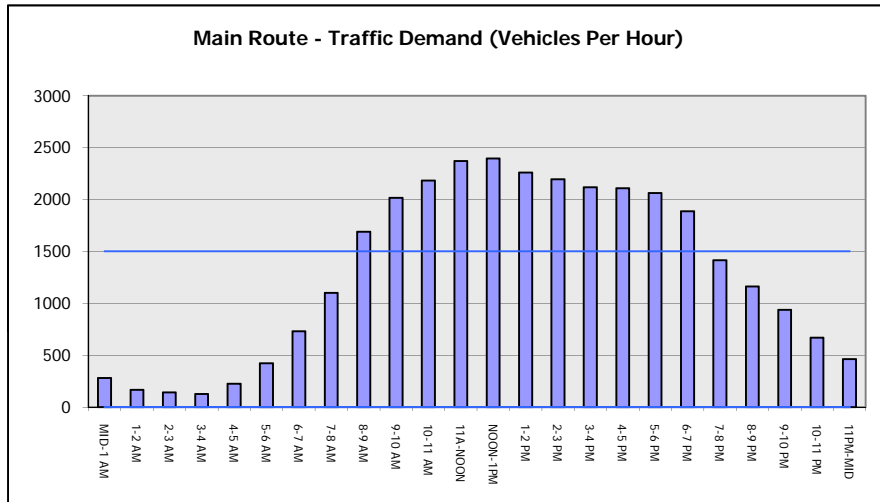
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,188
CONGESTED HOURS PER DAY*	0

*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	OCTOBER
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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	459	0.0	130	0.0	OFF	459	0	130	0.00	0	60.2	60.2	60.2	19.7	19.7
1-2 AM	248	0.0	70	0.0	OFF	248	0	70	0.00	0	60.2	60.2	60.2	21.5	21.5
2-3 AM	236	0.0	67	0.0	OFF	236	0	67	0.00	0	60.2	60.2	60.2	21.6	21.6
3-4 AM	327	0.0	92	0.0	OFF	327	0	92	0.00	0	60.2	60.2	60.2	20.9	20.9
4-5 AM	323	0.0	91	0.0	OFF	323	0	91	0.00	0	60.2	60.2	60.2	20.9	20.9
5-6 AM	392	0.0	111	0.0	OFF	392	0	111	0.00	0	60.2	60.2	60.2	20.3	20.3
6-7 AM	465	0.0	131	0.0	OFF	465	0	131	0.00	0	60.2	60.2	60.2	19.7	19.7
7-8 AM	658	0.0	186	0.0	OFF	658	0	186	0.00	0	60.2	60.2	60.2	18.1	18.1
8-9 AM	1094	0.0	309	0.0	3000	1094	0	309	0.22	0	60.2	53.5	49.7	14.5	14.5
9-10 AM	1296	0.0	366	0.0	3000	1296	0	366	0.22	0	60.2	53.5	49.7	12.8	12.8
10-11 AM	2011	0.0	568	0.0	3000	2011	0	568	0.22	0	60.2	53.5	49.7	9.8	9.8
11A-NOON	2171	0.0	613	0.0	3000	2171	0	613	0.22	0	60.2	53.5	49.7	9.3	9.3
NOON-1PM	2067	0.0	584	0.0	3000	2067	0	584	0.22	0	60.2	53.5	49.7	9.7	9.7
1-2 PM	1986	0.0	561	0.0	3000	1986	0	561	0.22	0	60.2	53.5	49.7	9.9	9.9
2-3 PM	2039	0.0	576	0.0	3000	2039	0	576	0.22	0	60.2	53.5	49.7	9.7	9.7
3-4 PM	2026	0.0	572	0.0	3000	2026	0	572	0.22	0	60.2	53.5	49.7	9.8	9.8
4-5 PM	1991	0.0	562	0.0	3000	1991	0	562	0.22	0	60.2	53.5	49.7	9.9	9.9
5-6 PM	1951	0.0	551	0.0	3000	1951	0	551	0.22	0	60.2	53.5	49.7	10.1	10.1
6-7 PM	1928	0.0	544	0.0	OFF	1928	0	544	0.00	0	60.2	60.2	60.2	10.1	10.1
7-8 PM	1457	0.0	411	0.0	OFF	1457	0	411	0.00	0	60.2	60.2	60.2	11.7	11.7
8-9 PM	1251	0.0	354	0.0	OFF	1251	0	354	0.00	0	60.2	60.2	60.2	13.2	13.2
9-10 PM	1214	0.0	343	0.0	OFF	1214	0	343	0.00	0	60.2	60.2	60.2	13.5	13.5
10-11 PM	878	0.0	248	0.0	OFF	878	0	248	0.00	0	60.2	60.2	60.2	16.3	16.3
11PM-MID	803	0.0	227	0.0	OFF	803	0	227	0.00	0	60.2	60.2	60.2	16.9	16.9

"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	0.0079
MAIN ROUTE WITH WORKS	0.0067
DIVERSION	0.0597

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,035
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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SATURDAY EASTBOUND DIRECTION

