

STH 172: USH 41 TO STH 57 (BROWN COUNTY) NIGHTTIME 2 LANE CLOSURE DIVERSION ROUTE: STH 32 - STH 57	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	340	0.0	96	0.0	1500	340	0	96	0.37	0	60.2	49.4	44.2	22.2	22.2
1-2 AM	183	0.0	51	0.0	1500	183	0	51	0.35	0	60.2	49.9	44.8	22.9	22.9
2-3 AM	127	0.0	36	0.0	1500	127	0	36	0.34	0	60.2	50.1	45.0	23.1	23.1
3-4 AM	116	0.0	32	0.0	1500	116	0	32	0.34	0	60.2	50.1	45.0	23.1	23.1
4-5 AM	164	0.0	46	0.0	1500	164	0	46	0.35	0	60.2	49.9	44.8	22.9	22.9
5-6 AM	264	0.0	74	0.0	1500	264	0	74	0.36	0	60.2	49.7	44.4	22.5	22.5
6-7 AM	368	0.0	104	0.0	1500	368	0	104	0.37	0	60.2	49.4	44.0	22.1	22.1
7-8 AM	581	0.0	164	0.0	1500	581	0	164	0.40	0	60.2	48.7	43.2	21.2	21.2
8-9 AM	788	0.0	223	0.0	1500	788	0	223	0.43	0	60.2	48.1	42.4	20.4	20.4
9-10 AM	1365	0.0	385	0.0	OFF	1365	0	385	0.00	0	60.2	60.2	60.2	18.0	18.0
10-11 AM	1786	0.0	504	0.0	OFF	1786	0	504	0.00	0	60.2	60.2	60.2	16.3	16.3
11A-NOON	1881	0.0	532	0.0	OFF	1881	0	532	0.00	0	60.2	60.2	60.2	15.8	15.8
NOON-1PM	2134	0.0	603	0.0	OFF	2134	0	603	0.00	0	60.2	60.2	60.2	14.8	14.8
1-2 PM	1996	0.0	564	0.0	OFF	1996	0	564	0.00	0	60.2	60.2	60.2	15.4	15.4
2-3 PM	1853	0.0	523	0.0	OFF	1853	0	523	0.00	0	60.2	60.2	60.2	16.0	16.0
3-4 PM	1727	0.0	488	0.0	OFF	1727	0	488	0.00	0	60.2	60.2	60.2	16.5	16.5
4-5 PM	1681	0.0	475	0.0	OFF	1681	0	475	0.00	0	60.2	60.2	60.2	16.7	16.7
5-6 PM	1646	0.0	465	0.0	OFF	1646	0	465	0.00	0	60.2	60.2	60.2	16.8	16.8
6-7 PM	1349	0.0	381	0.0	OFF	1349	0	381	0.00	0	60.2	60.2	60.2	18.1	18.1
7-8 PM	941	0.0	266	0.0	1500	941	0	266	0.44	0	60.2	47.7	41.9	19.7	19.7
8-9 PM	750	0.0	211	0.0	1500	750	0	211	0.42	0	60.2	48.3	42.6	20.5	20.5
9-10 PM	554	0.0	156	0.0	1500	554	0	156	0.40	0	60.2	48.8	43.3	21.3	21.3
10-11 PM	445	0.0	126	0.0	1500	445	0	126	0.38	0	60.2	49.1	43.7	21.8	21.8
11PM-MID	157	0.0	44	0.0	1500	157	0	44	0.35	0	60.2	50.0	44.8	23.0	23.0

"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	0.0063
MAIN ROUTE WITH WORKS	0.0059
DIVERSION	0.0473

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$552
CONGESTED HOURS PER DAY*	0

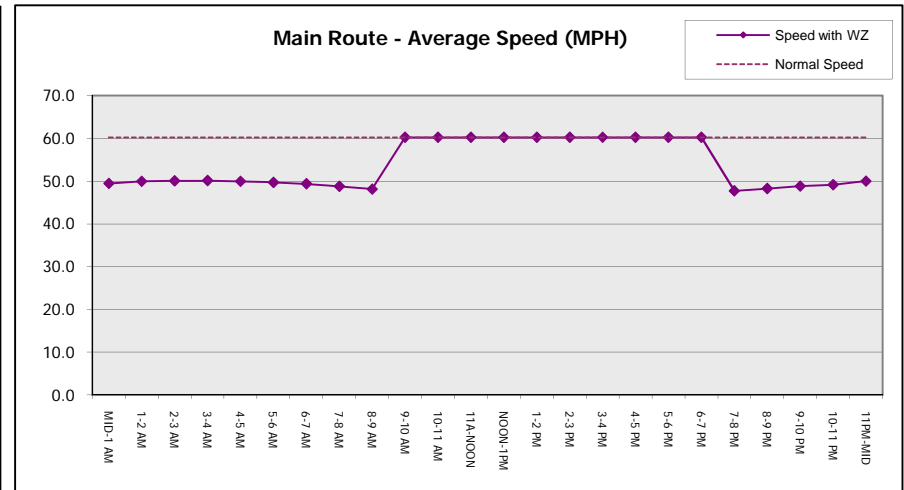
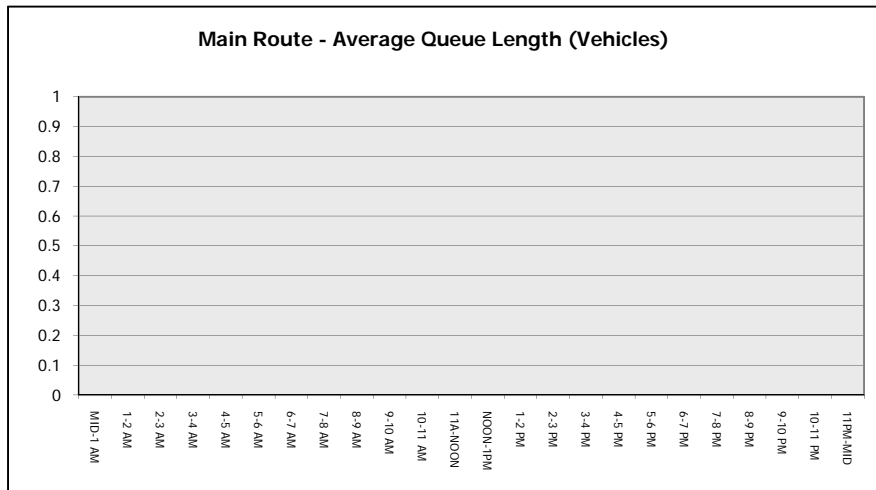
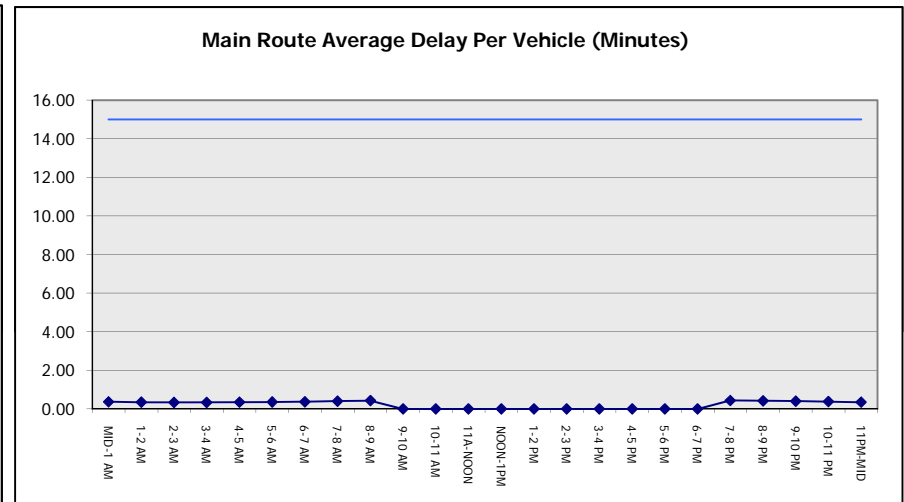
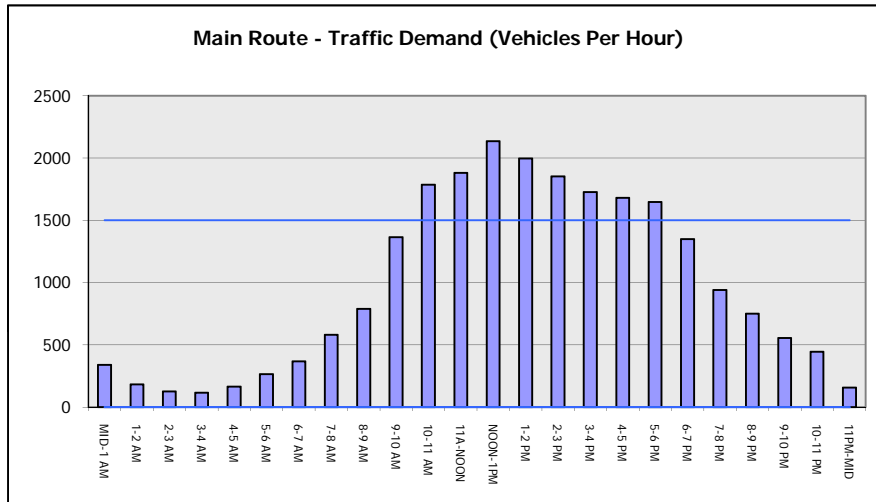
*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



STH 172: USH 41 TO STH 57 (BROWN COUNTY) NIGHTTIME 2 LANE CLOSURE DIVERSION ROUTE: STH 32 - STH 57	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	420	0.0	118	0.0	1500	420	0	118	0.38	0	60.2	49.2	43.8	21.9	21.9
1-2 AM	314	0.0	89	0.0	1500	314	0	89	0.37	0	60.2	49.5	44.2	22.3	22.3
2-3 AM	272	0.0	77	0.0	1500	272	0	77	0.36	0	60.2	49.6	44.4	22.5	22.5
3-4 AM	199	0.0	57	0.0	1500	199	0	57	0.35	0	60.2	49.9	44.7	22.8	22.8
4-5 AM	145	0.0	41	0.0	1500	145	0	41	0.35	0	60.2	50.0	44.9	23.0	23.0
5-6 AM	169	0.0	48	0.0	1500	169	0	48	0.35	0	60.2	49.9	44.8	22.9	22.9
6-7 AM	354	0.0	100	0.0	1500	354	0	100	0.37	0	60.2	49.4	44.1	22.1	22.1
7-8 AM	480	0.0	136	0.0	1500	480	0	136	0.39	0	60.2	49.0	43.6	21.6	21.6
8-9 AM	746	0.0	210	0.0	1500	746	0	210	0.42	0	60.2	48.3	42.6	20.6	20.6
9-10 AM	992	0.0	280	0.0	OFF	992	0	280	0.00	0	60.2	60.2	60.2	19.5	19.5
10-11 AM	1469	0.0	415	0.0	OFF	1469	0	415	0.00	0	60.2	60.2	60.2	17.6	17.6
11A-NOON	1748	0.0	494	0.0	OFF	1748	0	494	0.00	0	60.2	60.2	60.2	16.4	16.4
NOON-1PM	1916	0.0	541	0.0	OFF	1916	0	541	0.00	0	60.2	60.2	60.2	15.7	15.7
1-2 PM	2046	0.0	578	0.0	OFF	2046	0	578	0.00	0	60.2	60.2	60.2	15.2	15.2
2-3 PM	2280	0.0	643	0.0	OFF	2280	0	643	0.00	0	60.2	60.2	60.2	14.2	14.2
3-4 PM	2259	0.0	638	0.0	OFF	2259	0	638	0.00	0	60.2	60.2	60.2	14.3	14.3
4-5 PM	2306	0.0	651	0.0	OFF	2306	0	651	0.00	0	60.2	60.2	60.2	14.1	14.1
5-6 PM	1946	0.0	549	0.0	OFF	1946	0	549	0.00	0	60.2	60.2	60.2	15.6	15.6
6-7 PM	1759	0.0	497	0.0	OFF	1759	0	497	0.00	0	60.2	60.2	60.2	16.3	16.3
7-8 PM	1276	0.0	360	0.0	1500	1276	0	360	0.68	0	60.2	43.1	36.1	18.4	18.4
8-9 PM	987	0.0	278	0.0	1500	987	0	278	0.45	0	60.2	47.6	41.7	19.6	19.6
9-10 PM	747	0.0	211	0.0	1500	747	0	211	0.42	0	60.2	48.3	42.6	20.5	20.5
10-11 PM	523	0.0	148	0.0	1500	523	0	148	0.39	0	60.2	48.9	43.4	21.4	21.4
11PM-MID	323	0.0	91	0.0	1500	323	0	91	0.37	0	60.2	49.5	44.2	22.3	22.3

"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	0.0070
MAIN ROUTE WITH WORKS	0.0065
DIVERSION	0.0524

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$750
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**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY EASTBOUND DIRECTION

