

USH 41: IH 43 TO STH 29 (BROWN COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY SOUTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE		
MID-1 AM	148	0.0	1500	148	0	0.44	0	66.1	53.3	44.9	
1-2 AM	129	0.0	1500	129	0	0.43	0	66.1	53.3	45.0	
2-3 AM	120	0.0	1500	120	0	0.43	0	66.1	53.4	45.0	
3-4 AM	159	0.0	1500	159	0	0.44	0	66.1	53.2	44.8	
4-5 AM	418	0.0	1500	418	0	0.46	0	65.6	52.4	43.8	
5-6 AM	1161	0.0	1499	1161	0	0.69	0	64.2	46.8	37.3	
6-7 AM	2438	0.0	1499	1888	550	11.27+	307	61.5	10.8	30.8	
7-8 AM	3043	0.0	1500	1547	1496	17.00+	441	55.3	8.6	30.8	
8-9 AM	2197	0.0	1500	1499	698	16.90+	429	62.3	8.7	30.8	
9-10 AM	1885	0.0	1500	1499	385	16.89+	428	62.8	8.7	30.8	
10-11 AM	1883	0.0	1499	1499	384	16.89+	428	62.8	8.7	30.8	
11AM-NOON	1982	0.0	1499	1499	483	16.89+	429	62.7	8.7	30.8	
NOON-1PM	2055	0.0	1500	1500	556	16.89+	429	62.5	8.7	30.8	
1-2 PM	2057	0.0	1499	1500	558	16.89+	429	62.5	8.7	30.8	
2-3 PM	2139	0.0	1499	1500	639	16.90+	429	62.4	8.7	30.8	
3-4 PM	2233	0.0	1499	1500	734	16.90+	429	62.2	8.7	30.8	
4-5 PM	2356	0.0	1499	1500	856	16.90+	430	62.0	8.7	30.8	
5-6 PM	2182	0.0	1500	1500	682	16.90+	429	62.3	8.7	30.8	
6-7 PM	1741	0.0	1500	1500	242	16.89+	428	63.2	8.7	30.8	
7-8 PM	1223	0.0	1499	1223	0	12.35+	317	64.1	10.2	31.7	
8-9 PM	891	0.0	1500	891	0	0.90	21	64.7	43.5	42.0	
9-10 PM	755	0.0	1500	755	0	0.50	0	65.0	51.2	42.5	
10-11 PM	532	0.0	1500	532	0	0.47	0	65.4	52.0	43.4	
11PM-MID	383	0.0	1500	383	0	0.46	0	65.7	52.5	44.0	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

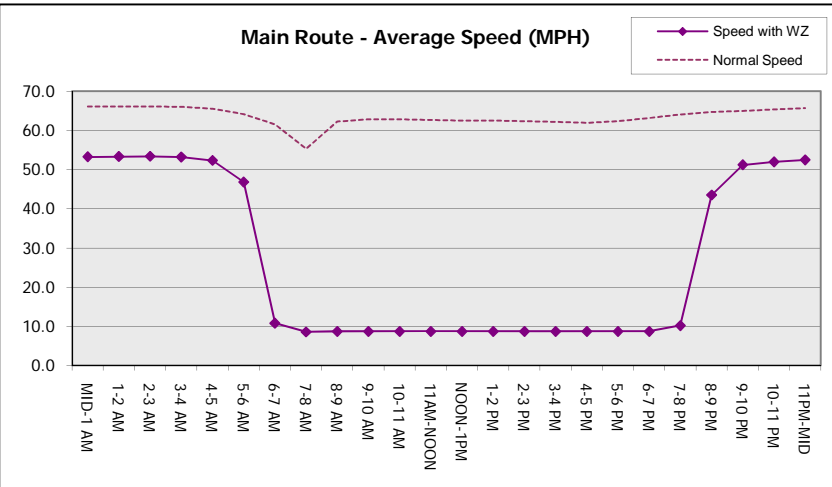
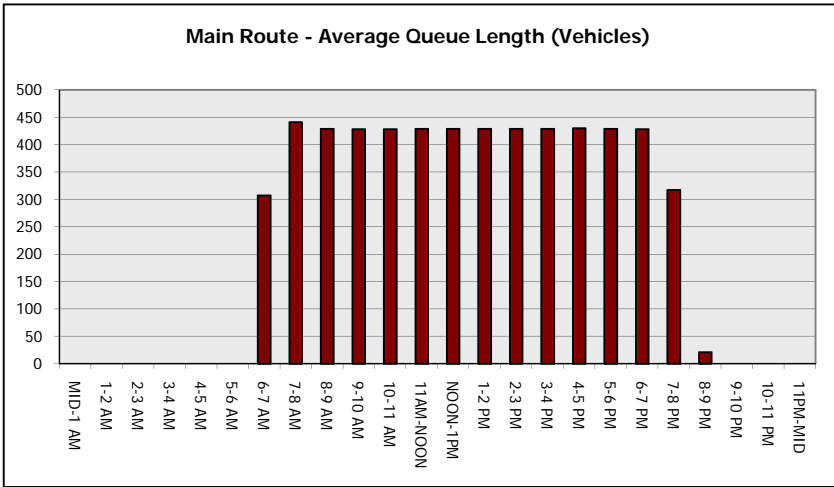
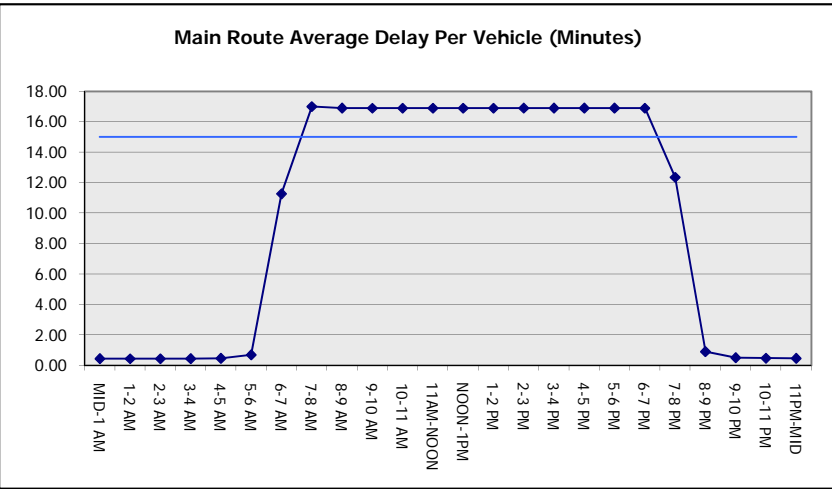
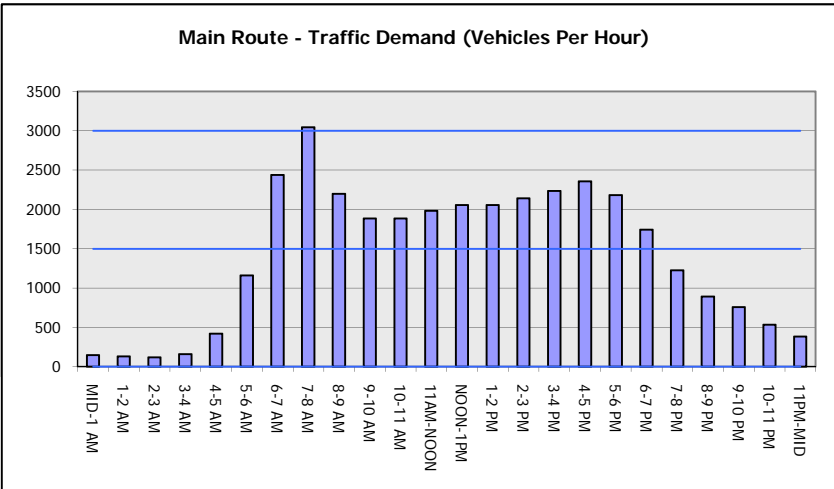
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0109
MAIN ROUTE WITH WORKS	0.0065
'DIVERSION'	0.0061
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$108,609
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



USH 41: IH 43 TO STH 29 (BROWN COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH		
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	243	0.0	1500	243	0	0.45	0	66.0	53.0	44.5
1-2 AM	163	0.0	1500	163	0	0.44	0	66.1	53.2	44.8
2-3 AM	160	0.0	1500	160	0	0.44	0	66.1	53.2	44.8
3-4 AM	149	0.0	1500	149	0	0.44	0	66.1	53.3	44.9
4-5 AM	213	0.0	1500	213	0	0.44	0	66.0	53.0	44.6
5-6 AM	564	0.0	1500	564	0	0.48	0	65.3	51.9	43.3
6-7 AM	1196	0.0	1500	1196	0	0.63	0	64.1	47.9	38.6
7-8 AM	1437	0.0	1500	1437	0	0.94	0	63.7	42.5	32.1
8-9 AM	1438	0.0	1499	1438	0	0.94	0	63.7	42.4	32.1
9-10 AM	1541	0.0	1499	1541	0	1.36	10	63.5	36.9	30.8
10-11 AM	1760	0.0	1500	1760	0	6.21	157	63.1	15.3	30.8
11AM-NOON	1951	0.0	1500	1672	280	16.16+	410	62.7	8.9	30.8
NOON-1PM	2267	0.0	1499	1492	775	16.90+	429	62.2	8.7	30.8
1-2 PM	2430	0.0	1499	1491	939	16.91+	430	61.6	8.7	30.8
2-3 PM	2745	0.0	1499	1485	1260	16.95+	436	58.4	8.6	30.8
3-4 PM	3286	0.0	1499	1502	1785	17.09+	448	52.8	8.6	30.8
4-5 PM	3615	0.0	1500	1500	2115	16.87+	448	49.5	8.6	30.8
5-6 PM	2826	0.0	1500	1494	1333	16.97+	437	57.6	8.6	30.8
6-7 PM	2375	0.0	1500	1499	876	16.90+	430	62.0	8.7	30.8
7-8 PM	1907	0.0	1500	1499	408	16.89+	428	62.8	8.7	30.8
8-9 PM	1604	0.0	1500	1494	110	16.86+	427	63.4	8.7	30.8
9-10 PM	1280	0.0	1499	1280	0	13.30+	336	64.0	9.7	30.9
10-11 PM	993	0.0	1500	993	0	1.51	50	64.5	35.7	39.7
11PM-MID	632	0.0	1500	632	0	0.48	0	65.2	51.6	43.0

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0117
MAIN ROUTE WITH WORKS	0.0068
'DIVERSION'	0.0073

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$103,437
CONGESTED HOURS PER DAY*	11

*Delays Exceeding User-Specified Maximum

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