

USH 41: CTH AAA TO CTH G (BROWN COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	398	0.0	1500	398	0	0.46	0	65.6	47.3	43.9	
1-2 AM	295	0.0	1500	295	0	0.45	0	65.8	47.6	44.3	
2-3 AM	250	0.0	1500	250	0	0.45	0	66.0	47.8	44.5	
3-4 AM	189	0.0	1500	189	0	0.44	0	66.0	48.1	44.7	
4-5 AM	217	0.0	1500	217	0	0.44	0	66.0	47.9	44.6	
5-6 AM	364	0.0	1500	364	0	0.46	0	65.7	47.4	44.0	
6-7 AM	618	0.0	1500	618	0	0.48	0	65.2	46.5	43.0	
7-8 AM	975	0.0	1500	975	0	0.52	0	64.6	45.2	41.8	
8-9 AM	1202	0.0	1499	1202	0	0.64	0	64.1	42.1	38.4	
9-10 AM	1445	0.0	1499	1445	0	0.97	0	63.7	35.5	32.0	
10-11 AM	1693	0.0	1500	1693	0	3.83	89	63.2	16.6	30.8	
11AM-NOON	1783	0.0	1500	1783	0	13.05+	332	63.1	8.7	30.8	
NOON-1PM	1854	0.0	1500	1488	366	17.37+	441	62.9	7.7	30.8	
1-2 PM	1784	0.0	1499	1494	290	17.38+	441	63.0	7.7	30.8	
2-3 PM	1822	0.0	1499	1495	327	17.38+	441	63.0	7.7	30.8	
3-4 PM	1886	0.0	1499	1497	390	17.39+	442	62.8	7.6	30.8	
4-5 PM	1850	0.0	1499	1497	352	17.38+	441	63.0	7.7	30.8	
5-6 PM	1708	0.0	1499	1498	210	17.37+	441	63.2	7.7	30.8	
6-7 PM	1471	0.0	1499	1445	26	16.91+	428	63.7	7.8	30.8	
7-8 PM	1160	0.0	1499	1160	0	8.83	236	64.2	10.7	33.0	
8-9 PM	1055	0.0	1500	1055	0	0.61	3	64.4	42.9	41.4	
9-10 PM	924	0.0	1500	924	0	0.51	0	64.6	45.4	41.9	
10-11 PM	742	0.0	1500	742	0	0.49	0	65.0	46.0	42.6	
11PM-MID	591	0.0	1500	591	0	0.48	0	65.3	46.6	43.2	

+ 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

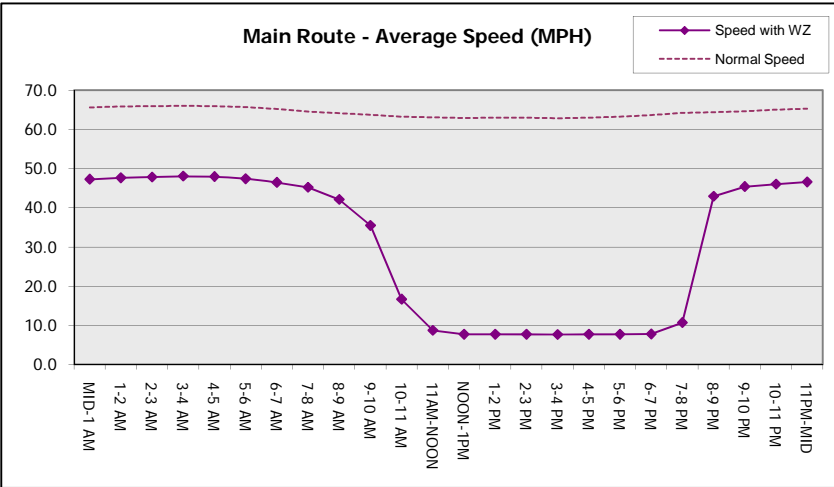
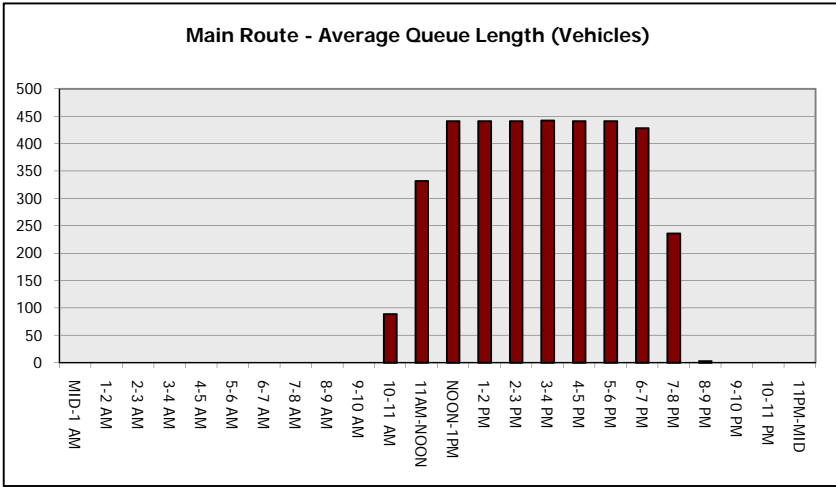
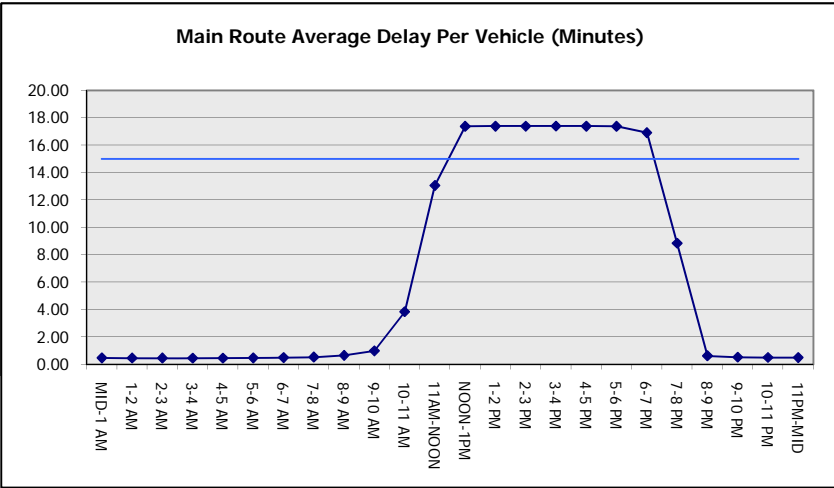
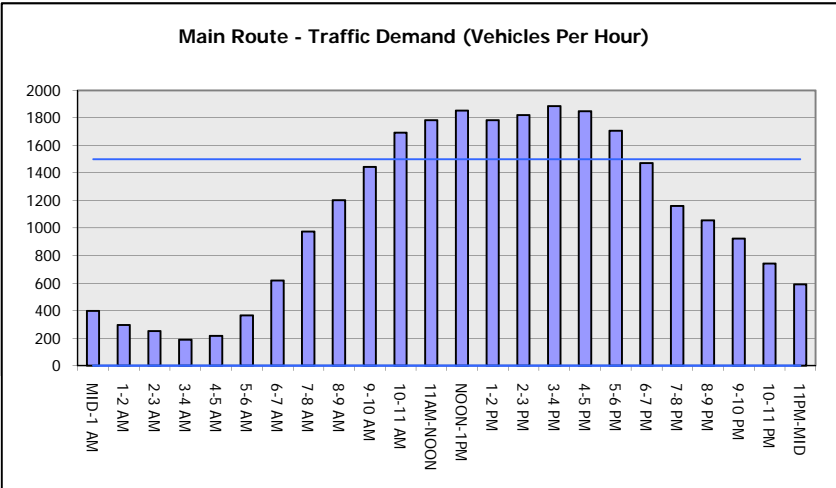
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0054
MAIN ROUTE WITH WORKS	0.0034
'DIVERSION'	0.0009
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$72,683
CONGESTED HOURS PER DAY*	8

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



USH 41: CTH AAA TO CTH G (BROWN COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	327	0.0	1500	327	0	0.45	0	65.8	47.6	44.2
1-2 AM	206	0.0	1500	206	0	0.44	0	66.0	48.0	44.6
2-3 AM	190	0.0	1500	190	0	0.44	0	66.0	48.1	44.7
3-4 AM	144	0.0	1500	144	0	0.44	0	66.1	48.3	44.9
4-5 AM	177	0.0	1500	177	0	0.44	0	66.1	48.1	44.8
5-6 AM	324	0.0	1500	324	0	0.45	0	65.8	47.6	44.2
6-7 AM	579	0.0	1500	579	0	0.48	0	65.3	46.6	43.2
7-8 AM	1033	0.0	1499	1033	0	0.54	0	64.5	44.5	41.0
8-9 AM	1519	0.0	1499	1519	0	1.35	12	63.5	30.2	31.4
9-10 AM	1689	0.0	1500	1689	0	5.66	134	63.2	13.2	30.8
10-11 AM	1861	0.0	1500	1667	194	14.95+	381	62.9	8.2	30.8
11AM-NOON	1988	0.0	1500	1508	479	17.39+	442	62.7	7.6	30.8
NOON-1PM	2010	0.0	1500	1507	503	17.39+	442	62.7	7.6	30.8
1-2 PM	1879	0.0	1500	1505	374	17.38+	442	62.9	7.6	30.8
2-3 PM	1848	0.0	1500	1504	344	17.38+	441	63.0	7.7	30.8
3-4 PM	1881	0.0	1500	1503	378	17.38+	442	62.9	7.6	30.8
4-5 PM	1788	0.0	1500	1502	286	17.38+	441	63.0	7.7	30.8
5-6 PM	1714	0.0	1500	1501	212	17.37+	441	63.2	7.7	30.8
6-7 PM	1492	0.0	1500	1462	30	16.93+	429	63.6	7.8	30.8
7-8 PM	1162	0.0	1499	1162	0	9.15	243	64.2	10.5	32.9
8-9 PM	1032	0.0	1500	1032	0	0.62	4	64.5	42.7	41.5
9-10 PM	895	0.0	1500	895	0	0.51	0	64.7	45.5	42.0
10-11 PM	782	0.0	1500	782	0	0.50	0	65.0	45.9	42.5
11PM-MID	492	0.0	1500	492	0	0.47	0	65.5	46.9	43.5

+ 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	0.0056
MAIN ROUTE WITH WORKS	0.0034
'DIVERSION'	0.0013

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$85,675
CONGESTED HOURS PER DAY*	9

*Delays Exceeding User-Specified Maximum

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