

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

MON-THUR 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	210	0.0	1500	210	0	0.44	0	66.0	48.0	44.6	
1-2 AM	171	0.0	1500	171	0	0.44	0	66.1	48.1	44.8	
2-3 AM	155	0.0	1500	155	0	0.44	0	66.1	48.2	44.8	
3-4 AM	184	0.0	1500	184	0	0.44	0	66.0	48.1	44.8	
4-5 AM	422	0.0	1500	422	0	0.46	0	65.6	47.2	43.8	
5-6 AM	1245	0.0	1499	1245	0	0.77	1	64.1	39.2	36.3	
6-7 AM	2545	0.0	1500	1936	608	12.28+	329	60.4	9.1	30.8	
7-8 AM	3148	0.0	1499	1523	1625	17.91+	466	54.3	7.5	30.8	
8-9 AM	1951	0.0	1500	1495	457	17.39+	442	62.7	7.6	30.8	
9-10 AM	1675	0.0	1499	1495	180	17.37+	441	63.3	7.7	30.8	
10-11 AM	1692	0.0	1499	1497	196	17.37+	441	63.2	7.7	30.8	
11AM-NOON	1857	0.0	1499	1498	359	17.38+	441	62.9	7.7	30.8	
NOON-1PM	2005	0.0	1499	1498	506	17.40+	442	62.7	7.6	30.8	
1-2 PM	2075	0.0	1499	1499	576	17.40+	442	62.5	7.6	30.8	
2-3 PM	2193	0.0	1499	1499	693	17.41+	443	62.3	7.6	30.8	
3-4 PM	2623	0.0	1499	1505	1118	17.47+	447	59.6	7.6	30.8	
4-5 PM	3274	0.0	1499	1504	1770	17.97+	470	53.0	7.5	30.8	
5-6 PM	2898	0.0	1500	1498	1400	17.73+	458	56.8	7.6	30.8	
6-7 PM	1697	0.0	1500	1475	222	17.29+	439	63.2	7.7	30.8	
7-8 PM	1197	0.0	1499	1197	0	11.42+	295	64.1	9.3	32.0	
8-9 PM	1090	0.0	1500	1090	0	0.94	20	64.3	36.4	40.1	
9-10 PM	882	0.0	1500	882	0	0.51	0	64.8	45.5	42.1	
10-11 PM	592	0.0	1500	592	0	0.48	0	65.3	46.6	43.2	
11PM-MID	374	0.0	1500	374	0	0.46	0	65.7	47.4	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

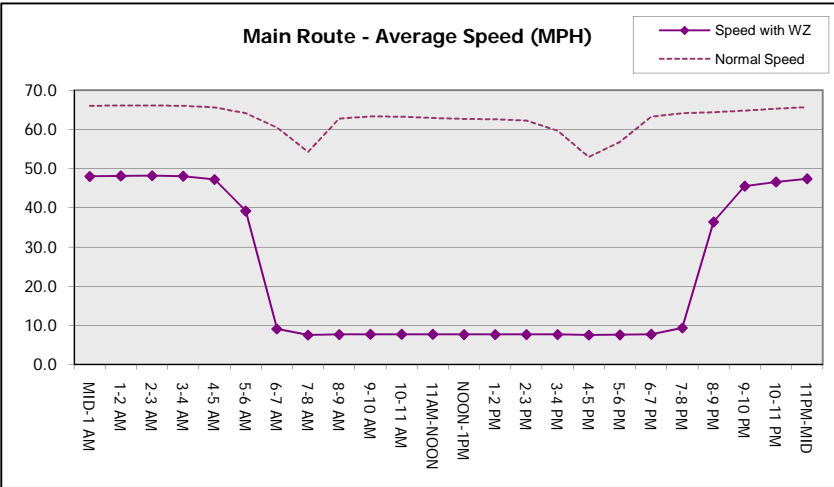
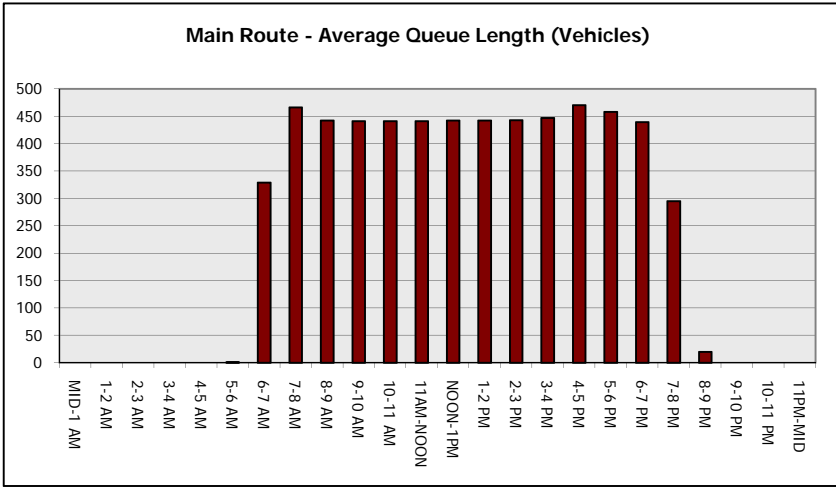
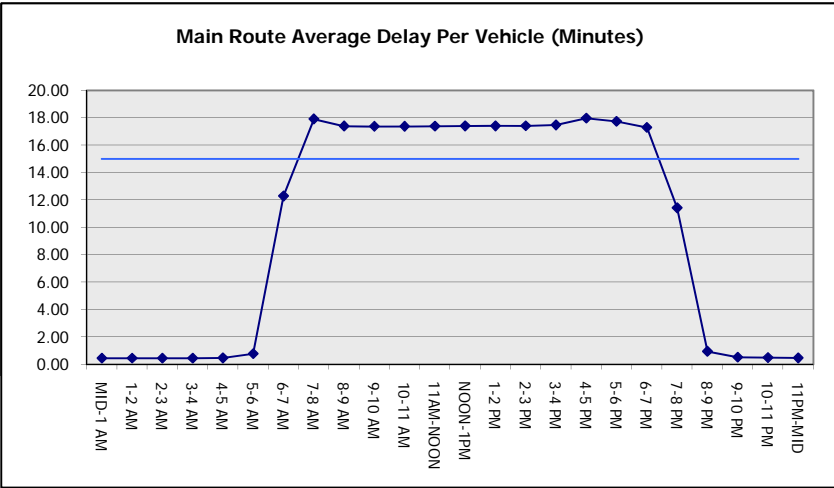
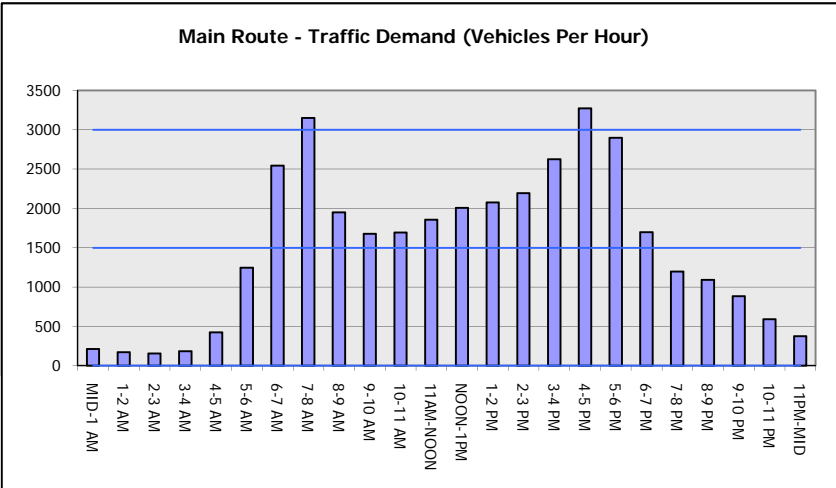
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0037
'DIVERSION'	0.0046
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$114,454
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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

MON-THUR 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	179	0.0	1500	179	0	0.44	0	66.1	48.1	44.8
1-2 AM	129	0.0	1500	129	0	0.43	0	66.1	48.3	45.0
2-3 AM	137	0.0	1500	137	0	0.44	0	66.1	48.3	45.0
3-4 AM	144	0.0	1500	144	0	0.44	0	66.1	48.3	44.9
4-5 AM	278	0.0	1500	278	0	0.45	0	65.9	47.8	44.4
5-6 AM	790	0.0	1500	790	0	0.50	0	64.9	45.8	42.4
6-7 AM	1970	0.0	1499	1970	0	5.00	158	62.7	15.1	30.8
7-8 AM	3248	0.0	1499	1500	1748	18.00+	470	53.2	7.5	30.8
8-9 AM	2209	0.0	1500	1493	716	17.41+	443	62.3	7.6	30.8
9-10 AM	1777	0.0	1499	1495	282	17.38+	441	63.1	7.7	30.8
10-11 AM	1707	0.0	1499	1496	211	17.37+	441	63.2	7.7	30.8
11AM-NOON	1864	0.0	1499	1497	367	17.38+	442	62.9	7.7	30.8
NOON-1PM	1903	0.0	1499	1498	406	17.39+	442	62.8	7.6	30.8
1-2 PM	1936	0.0	1499	1498	438	17.39+	442	62.8	7.6	30.8
2-3 PM	2209	0.0	1499	1499	710	17.41+	443	62.3	7.6	30.8
3-4 PM	2723	0.0	1499	1509	1215	17.52+	450	58.6	7.6	30.8
4-5 PM	3404	0.0	1499	1500	1904	17.91+	470	51.6	7.5	30.8
5-6 PM	3060	0.0	1500	1501	1559	17.83+	463	55.1	7.5	30.8
6-7 PM	1784	0.0	1500	1482	302	17.32+	440	63.0	7.7	30.8
7-8 PM	1195	0.0	1499	1195	0	11.96+	309	64.1	9.1	32.1
8-9 PM	1004	0.0	1500	1004	0	0.87	19	64.5	37.7	41.2
9-10 PM	814	0.0	1500	814	0	0.50	0	64.9	45.8	42.4
10-11 PM	643	0.0	1500	643	0	0.48	0	65.2	46.4	43.0
11PM-MID	355	0.0	1500	355	0	0.46	0	65.7	47.4	44.1

+ 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	0.0073
MAIN ROUTE WITH WORKS	0.0036
'DIVERSION'	0.0047

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$112,692
CONGESTED HOURS PER DAY*	13

*Delays Exceeding User-Specified Maximum

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