

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

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	440	0.0	1500	440	0	0.47	0	65.6	59.3	43.7	
1-2 AM	302	0.0	1500	302	0	0.45	0	65.8	59.7	44.3	
2-3 AM	287	0.0	1500	287	0	0.45	0	65.8	59.7	44.3	
3-4 AM	196	0.0	1500	196	0	0.44	0	66.0	59.9	44.7	
4-5 AM	161	0.0	1500	161	0	0.44	0	66.1	60.1	44.8	
5-6 AM	213	0.0	1500	213	0	0.44	0	66.0	59.9	44.6	
6-7 AM	387	0.0	1500	387	0	0.46	0	65.6	59.4	44.0	
7-8 AM	549	0.0	1500	549	0	0.48	0	65.4	59.0	43.3	
8-9 AM	850	0.0	1500	850	0	0.50	0	64.8	58.2	42.2	
9-10 AM	1411	0.0	1499	1411	0	1.05	5	63.8	51.7	33.4	
10-11 AM	1890	0.0	1500	1890	0	7.06	194	62.8	24.7	30.8	
11AM-NOON	2104	0.0	1499	1500	604	15.77+	399	62.5	14.1	30.8	
NOON-1PM	2213	0.0	1500	1500	713	15.76+	400	62.3	14.1	30.8	
1-2 PM	2170	0.0	1500	1500	670	15.76+	400	62.3	14.1	30.8	
2-3 PM	2149	0.0	1500	1500	649	15.76+	400	62.4	14.1	30.8	
3-4 PM	2226	0.0	1500	1500	726	15.75+	400	62.2	14.1	30.8	
4-5 PM	2270	0.0	1500	1500	770	15.75+	400	62.2	14.1	30.8	
5-6 PM	1993	0.0	1500	1500	493	15.79+	400	62.7	14.1	30.8	
6-7 PM	1730	0.0	1500	1500	230	15.82+	400	63.2	14.1	30.8	
7-8 PM	1395	0.0	1499	1380	15	14.51+	365	63.8	15.2	30.8	
8-9 PM	1079	0.0	1499	1079	0	3.48	115	64.4	36.2	37.3	
9-10 PM	816	0.0	1500	816	0	0.50	0	64.9	58.2	42.4	
10-11 PM	586	0.0	1500	586	0	0.48	0	65.3	58.9	43.2	
11PM-MID	397	0.0	1500	397	0	0.46	0	65.6	59.4	43.9	

+ 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	0.0212
MAIN ROUTE WITH WORKS	0.0160
'DIVERSION'	0.0086
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$86,692
CONGESTED HOURS PER DAY*	9

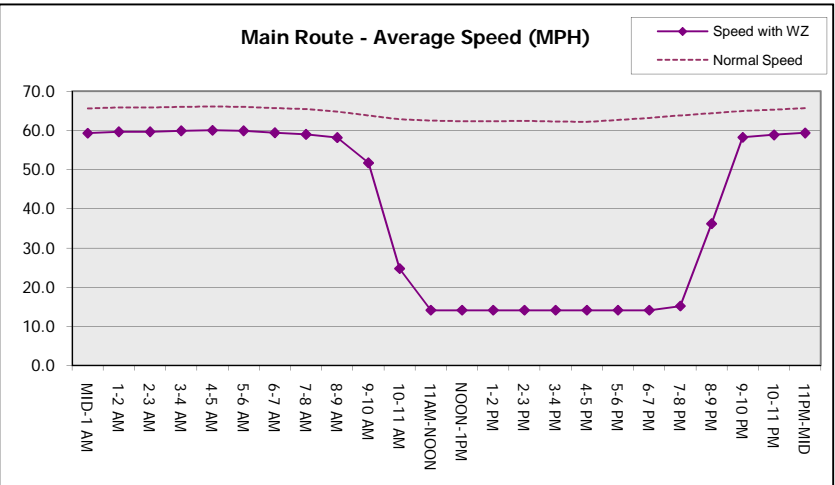
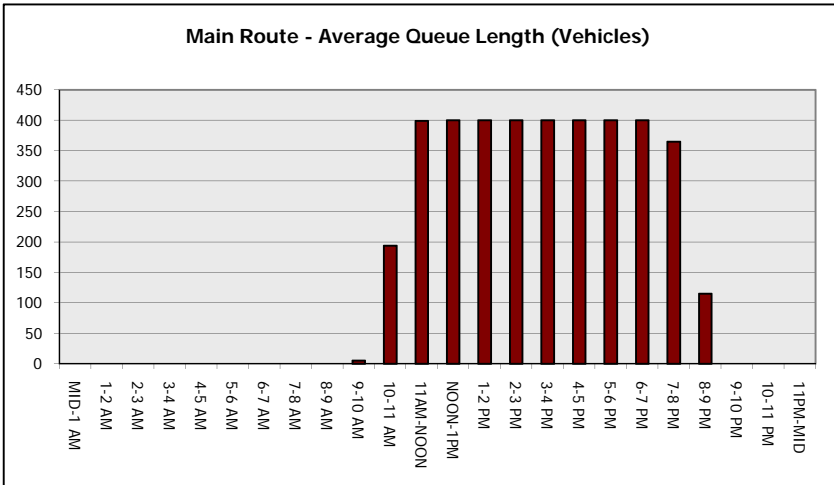
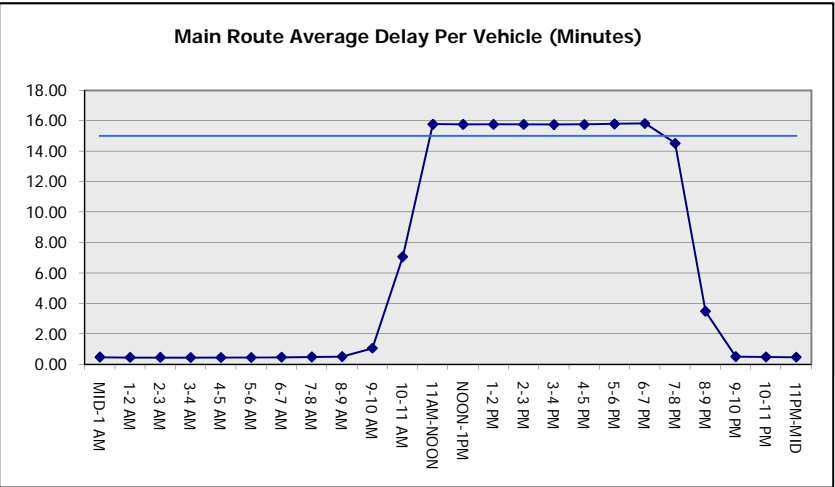
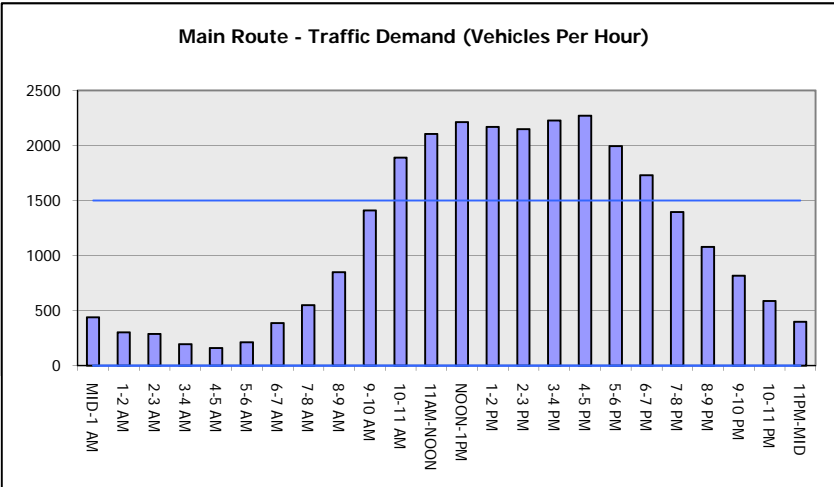
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY SOUTHBOUND DIRECTION



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

SUNDAY 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	381	0.0	1500	381	0	0.46	0	65.7	59.4	44.0
1-2 AM	236	0.0	1500	236	0	0.45	0	66.0	59.9	44.5
2-3 AM	247	0.0	1500	247	0	0.45	0	66.0	59.8	44.5
3-4 AM	155	0.0	1500	155	0	0.44	0	66.1	60.1	44.8
4-5 AM	139	0.0	1500	139	0	0.44	0	66.1	60.1	45.0
5-6 AM	329	0.0	1500	329	0	0.45	0	65.8	59.6	44.2
6-7 AM	504	0.0	1500	504	0	0.47	0	65.5	59.1	43.5
7-8 AM	651	0.0	1500	651	0	0.49	0	65.1	58.7	42.9
8-9 AM	919	0.0	1500	919	0	0.51	0	64.6	58.0	42.0
9-10 AM	1269	0.0	1499	1269	0	0.72	0	64.0	55.1	36.5
10-11 AM	1585	0.0	1499	1585	0	1.89	26	63.4	44.8	30.8
11AM-NOON	1791	0.0	1500	1791	0	8.50	218	63.0	22.0	30.8
NOON-1PM	1947	0.0	1499	1500	447	15.79+	399	62.8	14.1	30.8
1-2 PM	1795	0.0	1500	1500	295	15.81+	400	63.0	14.1	30.8
2-3 PM	1810	0.0	1500	1500	310	15.81+	400	63.0	14.1	30.8
3-4 PM	1737	0.0	1500	1500	237	15.82+	400	63.2	14.1	30.8
4-5 PM	1878	0.0	1500	1500	378	15.80+	400	62.9	14.1	30.8
5-6 PM	1606	0.0	1500	1527	79	15.71+	396	63.4	14.2	30.8
6-7 PM	1439	0.0	1499	1438	1	15.19+	382	63.7	14.6	30.8
7-8 PM	1243	0.0	1499	1243	0	8.76	225	64.1	21.7	31.9
8-9 PM	1011	0.0	1500	1011	0	0.75	8	64.5	55.2	41.5
9-10 PM	770	0.0	1500	770	0	0.50	0	65.0	58.4	42.5
10-11 PM	535	0.0	1500	535	0	0.47	0	65.4	59.0	43.3
11PM-MID	304	0.0	1500	304	0	0.45	0	65.8	59.7	44.3

+ 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	0.0185
MAIN ROUTE WITH WORKS	0.0157
'DIVERSION'	0.0031

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$63,588
CONGESTED HOURS PER DAY*	7

*Delays Exceeding User-Specified Maximum

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