

<b>USH 41: STH 55 TO CTH F (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	238	0.0	1500	238	0	0.45	0	66.0	63.5	44.5
1-2 AM	153	0.0	1500	153	0	0.44	0	66.1	63.7	44.9
2-3 AM	136	0.0	1500	136	0	0.44	0	66.1	63.7	45.0
3-4 AM	118	0.0	1500	118	0	0.43	0	66.1	63.7	45.0
4-5 AM	260	0.0	1500	260	0	0.45	0	65.9	63.4	44.5
5-6 AM	663	0.0	OFF	663	0	0.00	0	65.1	65.1	65.1
6-7 AM	1320	0.0	OFF	1320	0	0.00	0	63.9	63.9	63.9
7-8 AM	1738	0.0	OFF	1738	0	0.00	0	63.2	63.2	63.2
8-9 AM	1289	0.0	OFF	1289	0	0.00	0	64.0	64.0	64.0
9-10 AM	1333	0.0	OFF	1333	0	0.00	0	63.9	63.9	63.9
10-11 AM	1443	0.0	OFF	1443	0	0.00	0	63.7	63.7	63.7
11AM-NOON	1563	0.0	OFF	1563	0	0.00	0	63.5	63.5	63.5
NOON-1PM	1677	0.0	OFF	1677	0	0.00	0	63.3	63.3	63.3
1-2 PM	1706	0.0	OFF	1706	0	0.00	0	63.2	63.2	63.2
2-3 PM	1874	0.0	OFF	1874	0	0.00	0	62.9	62.9	62.9
3-4 PM	2029	0.0	OFF	2029	0	0.00	0	62.6	62.6	62.6
4-5 PM	2373	0.0	OFF	2373	0	0.00	0	62.0	62.0	62.0
5-6 PM	2055	0.0	OFF	2055	0	0.00	0	62.5	62.5	62.5
6-7 PM	1333	0.0	OFF	1333	0	0.00	0	63.9	63.9	63.9
7-8 PM	913	0.0	1500	913	0	0.51	0	64.7	61.9	42.0
8-9 PM	741	0.0	1500	741	0	0.49	0	65.0	62.3	42.6
9-10 PM	682	0.0	1500	682	0	0.49	0	65.1	62.5	42.8
10-11 PM	594	0.0	1500	594	0	0.48	0	65.3	62.7	43.2
11PM-MID	426	0.0	1500	426	0	0.46	0	65.6	63.0	43.8

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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

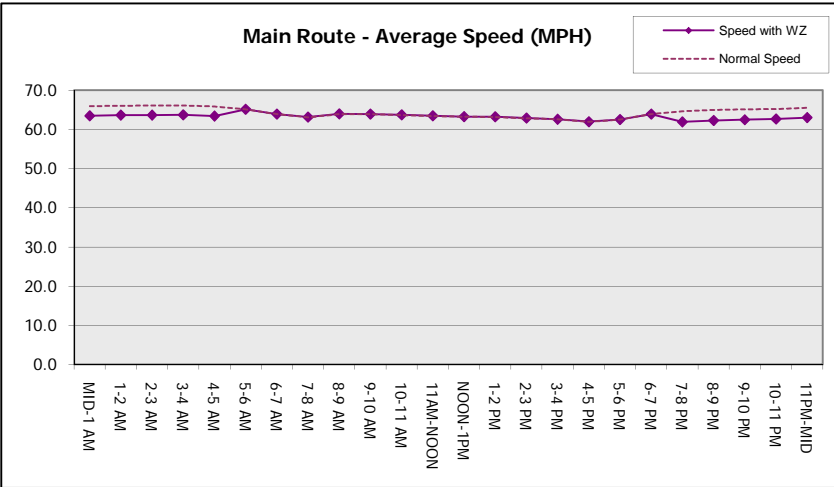
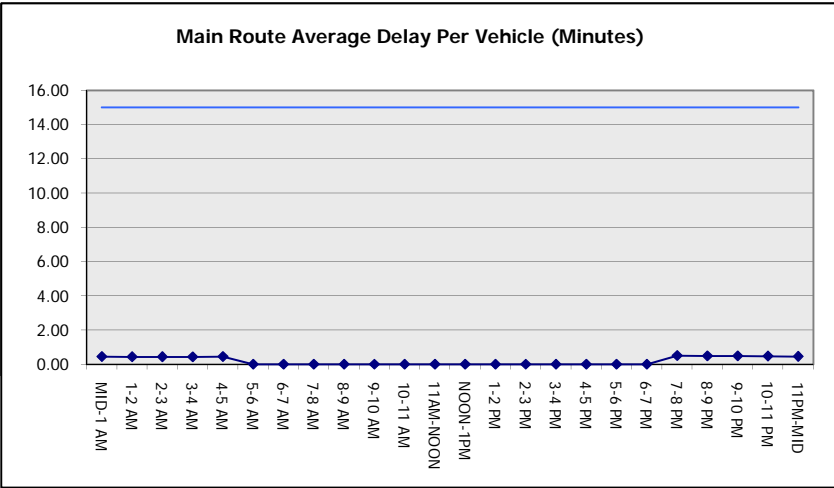
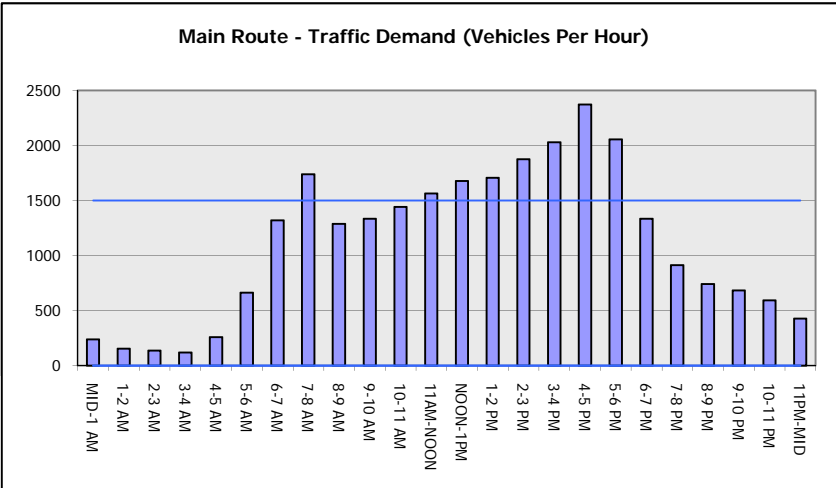
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0526
MAIN ROUTE WITH WORKS	0.0523
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$440
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
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**AUGUST**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY SOUTHBOUND DIRECTION**



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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	204	0.0	1500	204	0	0.44	0	66.0	63.5	44.6
1-2 AM	133	0.0	1500	133	0	0.44	0	66.1	63.7	45.0
2-3 AM	143	0.0	1500	143	0	0.44	0	66.1	63.7	44.9
3-4 AM	134	0.0	1500	134	0	0.44	0	66.1	63.7	45.0
4-5 AM	229	0.0	1500	229	0	0.44	0	66.0	63.5	44.6
5-6 AM	606	0.0	OFF	606	0	0.00	0	65.3	65.3	65.3
6-7 AM	1427	0.0	OFF	1427	0	0.00	0	63.7	63.7	63.7
7-8 AM	2115	0.0	OFF	2115	0	0.00	0	62.5	62.5	62.5
8-9 AM	1574	0.0	OFF	1574	0	0.00	0	63.5	63.5	63.5
9-10 AM	1518	0.0	OFF	1518	0	0.00	0	63.5	63.5	63.5
10-11 AM	1578	0.0	OFF	1578	0	0.00	0	63.5	63.5	63.5
11AM-NOON	1639	0.0	OFF	1639	0	0.00	0	63.3	63.3	63.3
NOON-1PM	1743	0.0	OFF	1743	0	0.00	0	63.2	63.2	63.2
1-2 PM	1847	0.0	OFF	1847	0	0.00	0	63.0	63.0	63.0
2-3 PM	1996	0.0	OFF	1996	0	0.00	0	62.7	62.7	62.7
3-4 PM	2127	0.0	OFF	2127	0	0.00	0	62.4	62.4	62.4
4-5 PM	2359	0.0	OFF	2359	0	0.00	0	62.0	62.0	62.0
5-6 PM	2263	0.0	OFF	2263	0	0.00	0	62.2	62.2	62.2
6-7 PM	1660	0.0	OFF	1660	0	0.00	0	63.3	63.3	63.3
7-8 PM	1246	0.0	1500	1246	0	0.70	0	64.1	60.4	37.1
8-9 PM	1002	0.0	1500	1002	0	0.52	0	64.5	61.7	41.7
9-10 PM	874	0.0	1500	874	0	0.51	0	64.8	62.0	42.1
10-11 PM	607	0.0	1500	607	0	0.48	0	65.3	62.6	43.1
11PM-MID	387	0.0	1500	387	0	0.46	0	65.6	63.1	44.0

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0580
MAIN ROUTE WITH WORKS	0.0577
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$577
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**FRIDAY NORTHBOUND DIRECTION**

