

<b>USH 41: STH 55 TO CTH F (BROWN COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</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	189	0.0	1500	189	0	0.44	0	66.0	63.5	44.7	
1-2 AM	147	0.0	1500	147	0	0.44	0	66.1	63.7	44.9	
2-3 AM	132	0.0	1500	132	0	0.44	0	66.1	63.7	45.0	
3-4 AM	120	0.0	1500	120	0	0.43	0	66.1	63.7	45.0	
4-5 AM	242	0.0	1500	242	0	0.45	0	66.0	63.4	44.5	
5-6 AM	658	0.0	OFF	658	0	0.00	0	65.1	65.1	65.1	
6-7 AM	1406	0.0	OFF	1406	0	0.00	0	63.8	63.8	63.8	
7-8 AM	1793	0.0	OFF	1793	0	0.00	0	63.0	63.0	63.0	
8-9 AM	1261	0.0	OFF	1261	0	0.00	0	64.0	64.0	64.0	
9-10 AM	1163	0.0	OFF	1163	0	0.00	0	64.2	64.2	64.2	
10-11 AM	1219	0.0	OFF	1219	0	0.00	0	64.1	64.1	64.1	
11AM-NOON	1355	0.0	OFF	1355	0	0.00	0	63.8	63.8	63.8	
NOON-1PM	1480	0.0	OFF	1480	0	0.00	0	63.7	63.7	63.7	
1-2 PM	1583	0.0	OFF	1583	0	0.00	0	63.5	63.5	63.5	
2-3 PM	1697	0.0	OFF	1697	0	0.00	0	63.2	63.2	63.2	
3-4 PM	1972	0.0	OFF	1972	0	0.00	0	62.7	62.7	62.7	
4-5 PM	2408	0.0	OFF	2408	0	0.00	0	61.9	61.9	61.9	
5-6 PM	2005	0.0	OFF	2005	0	0.00	0	62.7	62.7	62.7	
6-7 PM	1251	0.0	OFF	1251	0	0.00	0	64.0	64.0	64.0	
7-8 PM	805	0.0	1500	805	0	0.50	0	64.9	62.2	42.4	
8-9 PM	691	0.0	1500	691	0	0.49	0	65.1	62.4	42.8	
9-10 PM	682	0.0	1500	682	0	0.49	0	65.1	62.5	42.8	
10-11 PM	658	0.0	1500	658	0	0.49	0	65.1	62.5	42.9	
11PM-MID	406	0.0	1500	406	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

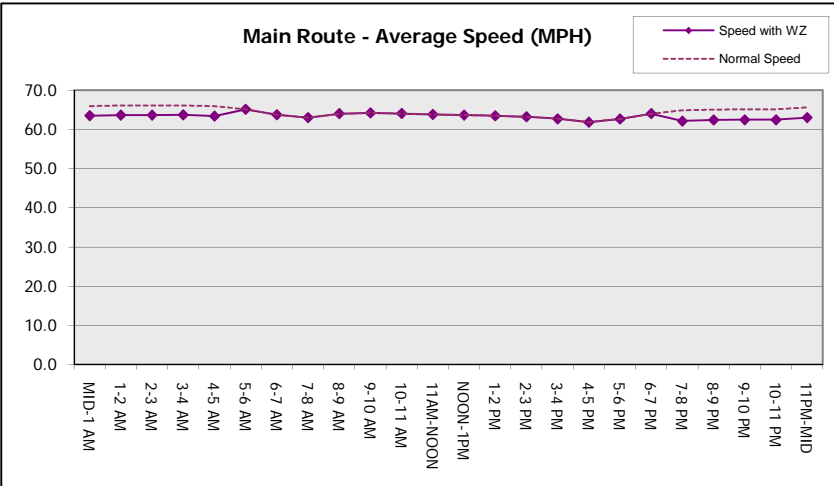
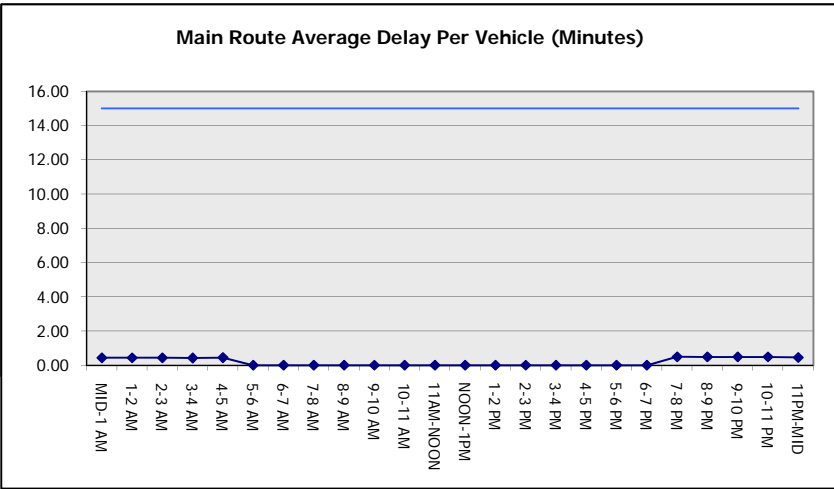
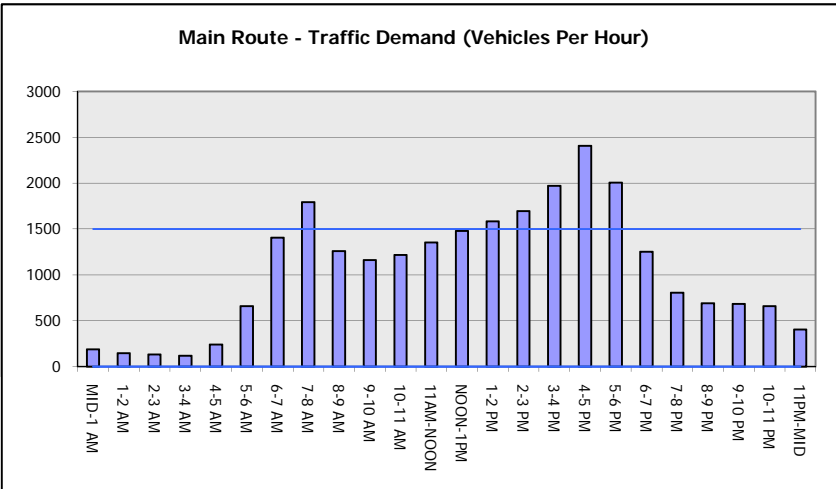
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0500
MAIN ROUTE WITH WORKS	0.0497
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$420
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

**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	142	0.0	1500	142	0	0.44	0	66.1	63.7	44.9
1-2 AM	105	0.0	1500	105	0	0.43	0	66.2	63.7	45.1
2-3 AM	128	0.0	1500	128	0	0.43	0	66.1	63.7	45.0
3-4 AM	127	0.0	1500	127	0	0.43	0	66.1	63.7	45.0
4-5 AM	227	0.0	1500	227	0	0.44	0	66.0	63.5	44.6
5-6 AM	622	0.0	OFF	622	0	0.00	0	65.2	65.2	65.2
6-7 AM	1534	0.0	OFF	1534	0	0.00	0	63.5	63.5	63.5
7-8 AM	2303	0.0	OFF	2303	0	0.00	0	62.1	62.1	62.1
8-9 AM	1622	0.0	OFF	1622	0	0.00	0	63.3	63.3	63.3
9-10 AM	1344	0.0	OFF	1344	0	0.00	0	63.9	63.9	63.9
10-11 AM	1325	0.0	OFF	1325	0	0.00	0	63.9	63.9	63.9
11AM-NOON	1392	0.0	OFF	1392	0	0.00	0	63.8	63.8	63.8
NOON-1PM	1567	0.0	OFF	1567	0	0.00	0	63.5	63.5	63.5
1-2 PM	1626	0.0	OFF	1626	0	0.00	0	63.3	63.3	63.3
2-3 PM	1744	0.0	OFF	1744	0	0.00	0	63.2	63.2	63.2
3-4 PM	2054	0.0	OFF	2054	0	0.00	0	62.5	62.5	62.5
4-5 PM	2311	0.0	OFF	2311	0	0.00	0	62.1	62.1	62.1
5-6 PM	2180	0.0	OFF	2180	0	0.00	0	62.3	62.3	62.3
6-7 PM	1556	0.0	OFF	1556	0	0.00	0	63.5	63.5	63.5
7-8 PM	1215	0.0	1500	1215	0	0.66	0	64.1	60.7	38.0
8-9 PM	988	0.0	1500	988	0	0.52	0	64.5	61.8	41.7
9-10 PM	835	0.0	1500	835	0	0.50	0	64.8	62.1	42.3
10-11 PM	602	0.0	1500	602	0	0.48	0	65.3	62.6	43.1
11PM-MID	343	0.0	1500	343	0	0.46	0	65.8	63.2	44.1

"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	0.0551
MAIN ROUTE WITH WORKS	0.0547
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$538
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY NORTHBOUND DIRECTION**

