

<b>USH 41: STH 55 TO CTH F (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	261	0.0	1500	261	0	0.45	0	65.9	63.4	44.5
1-2 AM	187	0.0	1500	187	0	0.44	0	66.0	63.5	44.7
2-3 AM	156	0.0	1500	156	0	0.44	0	66.1	63.6	44.8
3-4 AM	117	0.0	1500	117	0	0.43	0	66.1	63.7	45.0
4-5 AM	103	0.0	1500	103	0	0.43	0	66.2	63.7	45.1
5-6 AM	146	0.0	1500	146	0	0.44	0	66.1	63.7	44.9
6-7 AM	269	0.0	1500	269	0	0.45	0	65.9	63.3	44.4
7-8 AM	393	0.0	1500	393	0	0.46	0	65.6	63.1	43.9
8-9 AM	573	0.0	1500	573	0	0.48	0	65.3	62.7	43.2
9-10 AM	982	0.0	1500	982	0	0.52	0	64.6	61.8	41.7
10-11 AM	1239	0.0	1500	1239	0	0.69	0	64.1	60.5	37.3
11AM-NOON	1397	0.0	1500	1397	0	0.89	0	63.8	59.2	33.0
NOON-1PM	1425	0.0	1500	1425	0	0.93	0	63.7	59.1	32.4
1-2 PM	1383	0.0	1500	1383	0	0.87	0	63.8	59.4	33.3
2-3 PM	1399	0.0	1500	1399	0	0.89	0	63.8	59.2	33.0
3-4 PM	1427	0.0	1499	1427	0	0.93	0	63.7	59.0	32.4
4-5 PM	1495	0.0	1499	1495	0	1.16	4	63.6	57.8	31.1
5-6 PM	1221	0.0	1500	1221	0	0.66	0	64.1	60.7	37.8
6-7 PM	1027	0.0	1500	1027	0	0.52	0	64.5	61.7	41.6
7-8 PM	837	0.0	1500	837	0	0.50	0	64.8	62.1	42.2
8-9 PM	638	0.0	1500	638	0	0.48	0	65.2	62.5	43.0
9-10 PM	471	0.0	1500	471	0	0.47	0	65.5	62.9	43.6
10-11 PM	329	0.0	1500	329	0	0.45	0	65.8	63.2	44.2
11PM-MID	223	0.0	1500	223	0	0.44	0	66.0	63.5	44.6

**\*----- 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	0.0349
MAIN ROUTE WITH WORKS	0.0338
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

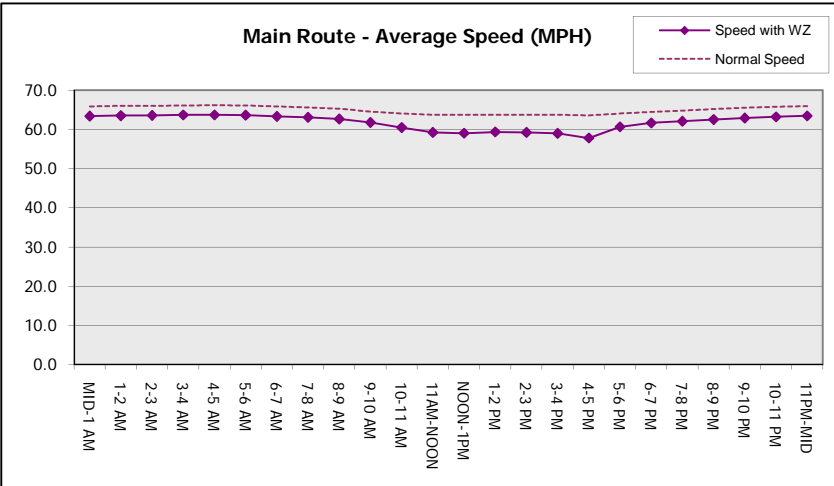
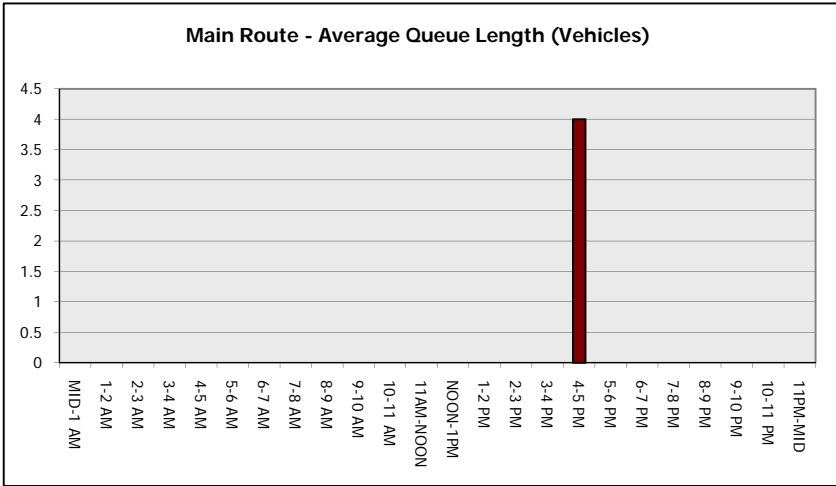
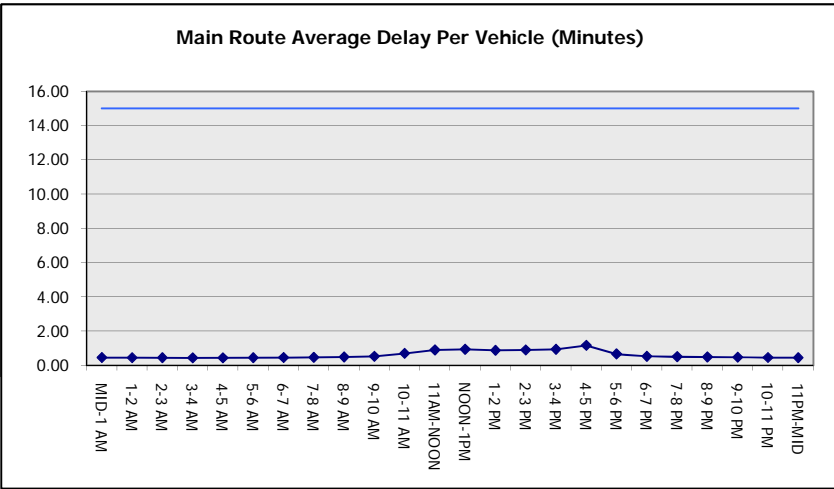
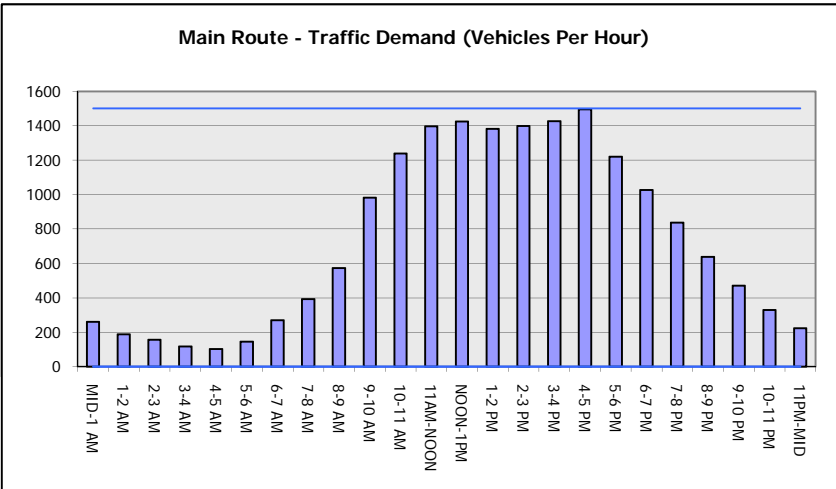
ROAD USER COSTS PER DAY	\$3,376
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY SOUTHBOUND DIRECTION**



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	Analyzed for 2009 Construction Season

**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	198	0.0	1500	198	0	0.44	0	66.0	63.5	44.7
1-2 AM	162	0.0	1500	162	0	0.44	0	66.1	63.6	44.8
2-3 AM	164	0.0	1500	164	0	0.44	0	66.1	63.6	44.8
3-4 AM	83	0.0	1500	83	0	0.43	0	66.2	63.8	45.1
4-5 AM	96	0.0	1500	96	0	0.43	0	66.2	63.8	45.1
5-6 AM	274	0.0	1500	274	0	0.45	0	65.9	63.3	44.4
6-7 AM	334	0.0	1500	334	0	0.45	0	65.8	63.2	44.2
7-8 AM	466	0.0	1500	466	0	0.47	0	65.5	62.9	43.7
8-9 AM	649	0.0	1500	649	0	0.49	0	65.2	62.5	43.0
9-10 AM	849	0.0	1500	849	0	0.50	0	64.8	62.1	42.2
10-11 AM	1010	0.0	1500	1010	0	0.52	0	64.5	61.7	41.7
11AM-NOON	1129	0.0	1500	1129	0	0.55	0	64.3	61.4	40.9
NOON-1PM	1142	0.0	1500	1142	0	0.56	0	64.3	61.3	40.4
1-2 PM	1133	0.0	1500	1133	0	0.55	0	64.3	61.4	40.7
2-3 PM	1132	0.0	1500	1132	0	0.55	0	64.3	61.4	40.7
3-4 PM	1178	0.0	1500	1178	0	0.61	0	64.2	61.0	39.2
4-5 PM	1170	0.0	1500	1170	0	0.60	0	64.2	61.0	39.4
5-6 PM	1020	0.0	1500	1020	0	0.52	0	64.5	61.7	41.6
6-7 PM	909	0.0	1500	909	0	0.51	0	64.7	61.9	42.0
7-8 PM	790	0.0	1500	790	0	0.50	0	64.9	62.2	42.4
8-9 PM	592	0.0	1500	592	0	0.48	0	65.3	62.7	43.2
9-10 PM	464	0.0	1500	464	0	0.47	0	65.5	62.9	43.7
10-11 PM	296	0.0	1500	296	0	0.45	0	65.8	63.3	44.3
11PM-MID	157	0.0	1500	157	0	0.44	0	66.1	63.6	44.8

*----- 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	0.0304
MAIN ROUTE WITH WORKS	0.0294
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,104
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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

