

<b>USH 41: STH 55 TO CTH F (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY 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	292	0.0	1500	292	0	1.97	60	65.8	56.0	44.0
1-2 AM	204	0.0	1500	204	0	0.44	0	66.0	63.5	44.6
2-3 AM	155	0.0	1500	155	0	0.44	0	66.1	63.6	44.8
3-4 AM	150	0.0	1500	150	0	0.44	0	66.1	63.7	44.9
4-5 AM	155	0.0	1500	155	0	0.44	0	66.1	63.6	44.8
5-6 AM	253	0.0	1500	253	0	0.45	0	65.9	63.4	44.5
6-7 AM	385	0.0	1500	385	0	0.46	0	65.6	63.1	44.0
7-8 AM	660	0.0	1500	660	0	0.49	0	65.1	62.5	42.9
8-9 AM	861	0.0	1500	861	0	0.51	0	64.8	62.0	42.2
9-10 AM	1051	0.0	1500	1051	0	0.52	0	64.4	61.6	41.5
10-11 AM	1252	0.0	1500	1252	0	0.70	0	64.0	60.4	36.9
11AM-NOON	1337	0.0	1500	1337	0	0.81	0	63.9	59.7	34.5
NOON-1PM	1409	0.0	1500	1409	0	0.91	0	63.8	59.2	32.7
1-2 PM	1357	0.0	1500	1357	0	0.84	0	63.8	59.6	34.0
2-3 PM	1327	0.0	1500	1327	0	0.80	0	63.9	59.8	34.8
3-4 PM	1300	0.0	1500	1300	0	0.77	0	64.0	60.0	35.5
4-5 PM	1254	0.0	1500	1254	0	0.71	0	64.0	60.4	36.8
5-6 PM	1094	0.0	1500	1094	0	0.53	0	64.3	61.5	41.4
6-7 PM	955	0.0	1500	955	0	0.51	0	64.6	61.9	41.9
7-8 PM	758	0.0	1500	758	0	0.50	0	65.0	62.3	42.5
8-9 PM	769	0.0	1500	769	0	0.50	0	65.0	62.2	42.5
9-10 PM	1044	0.0	1499	1044	0	0.56	0	64.5	61.5	40.6
10-11 PM	1832	0.0	1499	1832	0	5.93	149	63.0	41.9	30.8
11PM-MID	1587	0.0	1499	1521	66	15.13+	381	63.4	27.7	30.8

+ 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

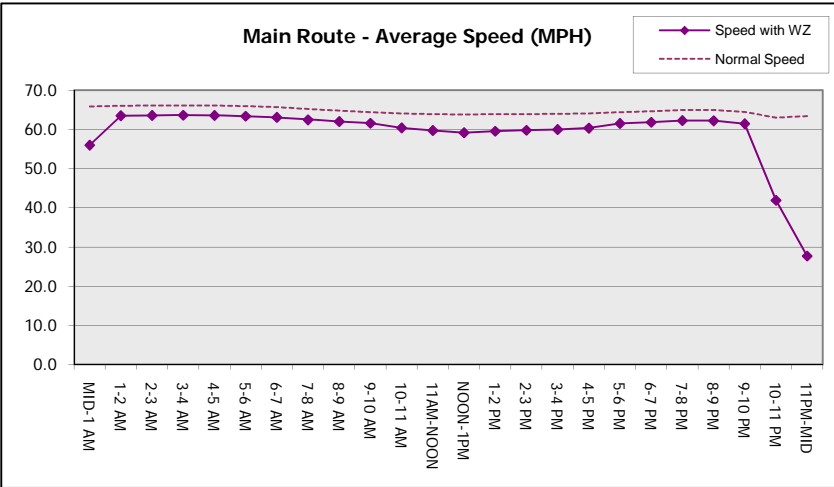
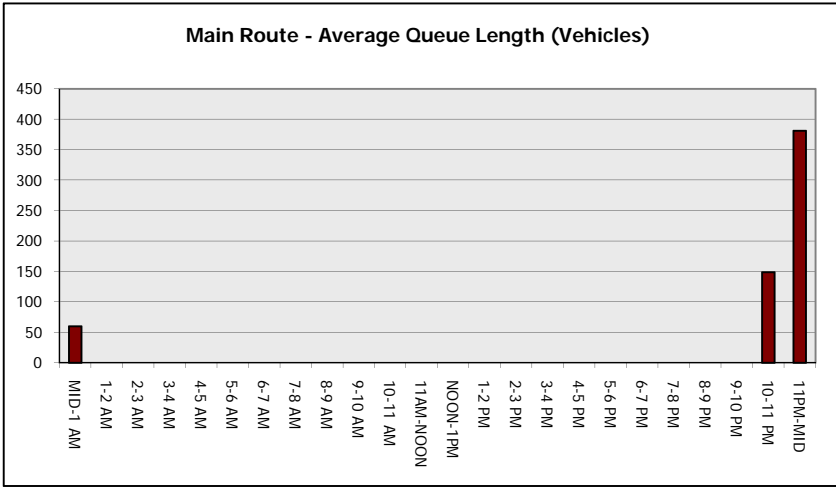
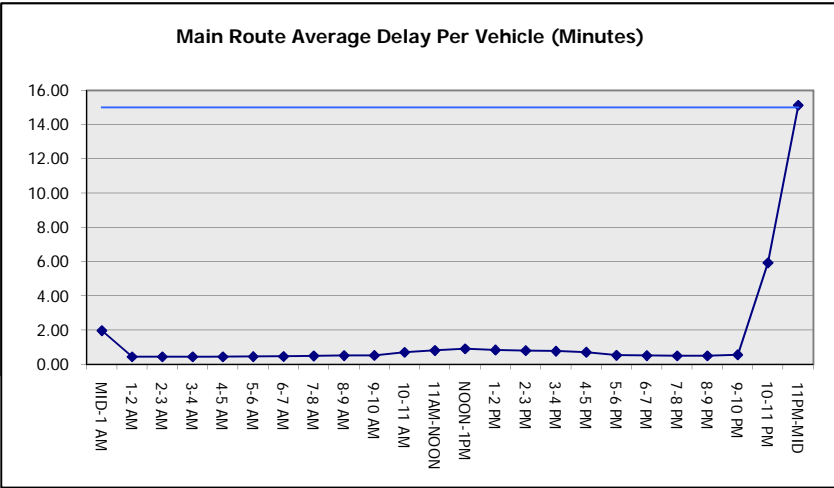
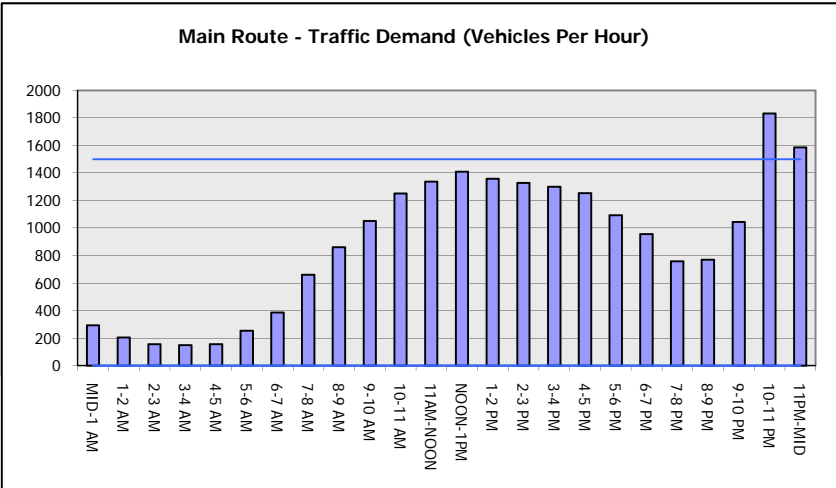
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0423
MAIN ROUTE WITH WORKS	0.0408
'DIVERSION'	0.0003
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$12,588
CONGESTED HOURS PER DAY*	1

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
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Construction Season

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



<b>USH 41: STH 55 TO CTH F (BROWN COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SATURDAY 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	226	0.0	1500	226	0	0.44	0	66.0	63.5	44.6
1-2 AM	143	0.0	1500	143	0	0.44	0	66.1	63.7	44.9
2-3 AM	140	0.0	1500	140	0	0.44	0	66.1	63.7	44.9
3-4 AM	106	0.0	1500	106	0	0.43	0	66.2	63.7	45.1
4-5 AM	145	0.0	1500	145	0	0.44	0	66.1	63.7	44.9
5-6 AM	250	0.0	1500	250	0	0.45	0	65.9	63.4	44.5
6-7 AM	391	0.0	1500	391	0	0.46	0	65.6	63.1	43.9
7-8 AM	632	0.0	1500	632	0	0.48	0	65.2	62.5	43.0
8-9 AM	930	0.0	1500	930	0	0.51	0	64.6	61.9	41.9
9-10 AM	1177	0.0	1500	1177	0	0.61	0	64.2	61.0	39.2
10-11 AM	1438	0.0	1499	1438	0	0.94	0	63.7	58.9	32.1
11AM-NOON	1539	0.0	1499	1539	0	1.60	15	63.5	55.9	30.8
NOON-1PM	1551	0.0	1499	1551	0	3.18	58	63.5	49.9	30.8
1-2 PM	1724	0.0	1500	1724	0	7.90	193	63.2	37.8	30.8
2-3 PM	1831	0.0	1499	1606	225	15.31+	388	63.0	27.4	30.8
3-4 PM	1896	0.0	1499	1500	396	15.72+	400	62.8	27.0	30.8
4-5 PM	2020	0.0	1500	1500	520	15.67+	399	62.6	27.0	30.8
5-6 PM	1783	0.0	1499	1499	284	15.75+	399	63.1	27.0	30.8
6-7 PM	1223	0.0	1499	1223	0	12.14+	311	64.1	31.4	32.0
7-8 PM	812	0.0	1500	812	0	1.00	16	64.9	59.7	42.3
8-9 PM	731	0.0	1500	731	0	0.49	0	65.0	62.3	42.7
9-10 PM	625	0.0	1500	625	0	0.48	0	65.2	62.6	43.0
10-11 PM	527	0.0	1500	527	0	0.47	0	65.4	62.8	43.4
11PM-MID	374	0.0	1500	374	0	0.46	0	65.7	63.2	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	0.0438
MAIN ROUTE WITH WORKS	0.0397
'DIVERSION'	0.0065

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$42,446
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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