

USH 41: STH 55 TO CTH F (BROWN COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	0.45	0	65.8	63.3	44.3
1-2 AM	188	0.0	1500	188	0	0.44	0	66.0	63.5	44.7
2-3 AM	160	0.0	1500	160	0	0.44	0	66.1	63.6	44.8
3-4 AM	136	0.0	1500	136	0	0.44	0	66.1	63.7	45.0
4-5 AM	161	0.0	1500	161	0	0.44	0	66.1	63.6	44.8
5-6 AM	258	0.0	1500	258	0	0.45	0	65.9	63.4	44.5
6-7 AM	484	0.0	1500	484	0	0.47	0	65.5	62.9	43.6
7-8 AM	769	0.0	1500	769	0	0.50	0	65.0	62.2	42.5
8-9 AM	890	0.0	1500	890	0	0.51	0	64.7	62.0	42.0
9-10 AM	1054	0.0	1500	1054	0	0.52	0	64.4	61.6	41.5
10-11 AM	1186	0.0	1500	1186	0	0.62	0	64.1	60.9	38.9
11AM-NOON	1181	0.0	1500	1181	0	0.61	0	64.2	61.0	39.1
NOON-1PM	1257	0.0	1500	1257	0	0.71	0	64.0	60.4	36.7
1-2 PM	1204	0.0	1500	1204	0	0.64	0	64.1	60.8	38.3
2-3 PM	1218	0.0	1500	1218	0	0.66	0	64.1	60.7	37.9
3-4 PM	1319	0.0	1500	1319	0	0.79	0	63.9	59.9	35.0
4-5 PM	1215	0.0	1500	1215	0	0.66	0	64.1	60.7	38.0
5-6 PM	1195	0.0	1500	1195	0	0.63	0	64.1	60.9	38.6
6-7 PM	1004	0.0	1500	1004	0	0.52	0	64.5	61.7	41.7
7-8 PM	777	0.0	1500	777	0	0.50	0	65.0	62.2	42.5
8-9 PM	682	0.0	1500	682	0	0.49	0	65.1	62.5	42.8
9-10 PM	621	0.0	1500	621	0	0.48	0	65.2	62.6	43.0
10-11 PM	518	0.0	1500	518	0	0.47	0	65.4	62.8	43.4
11PM-MID	390	0.0	1500	390	0	0.46	0	65.6	63.1	43.9

----- 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	0.0358
MAIN ROUTE WITH WORKS	0.0346
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

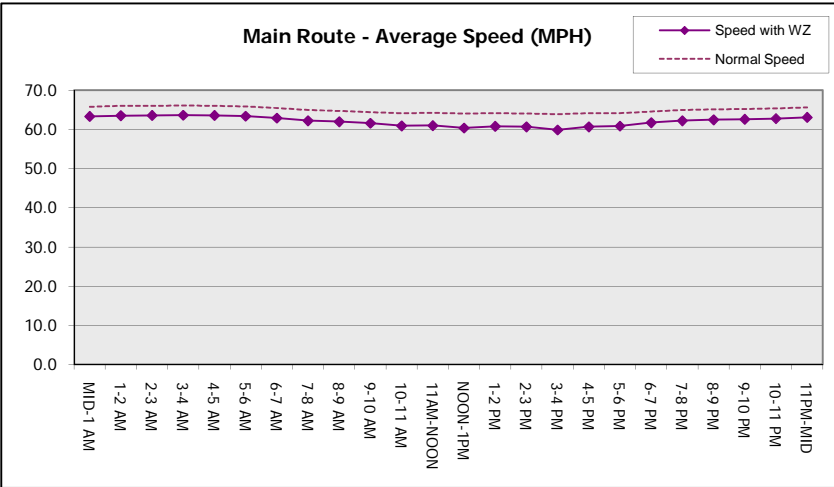
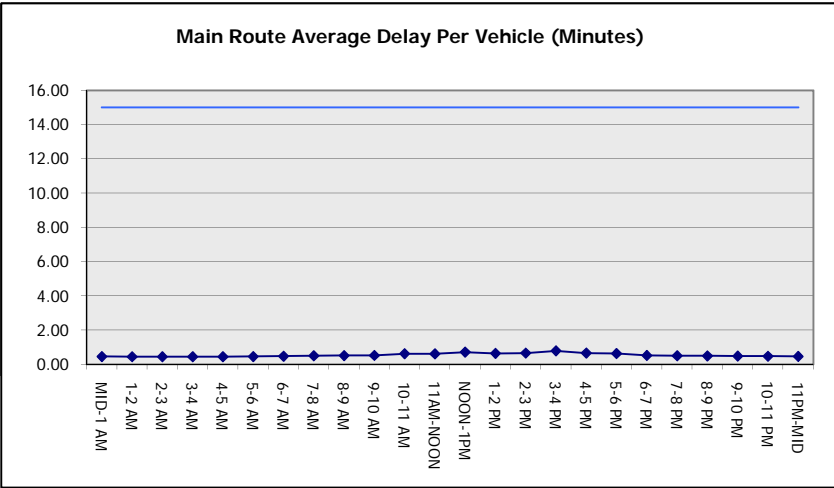
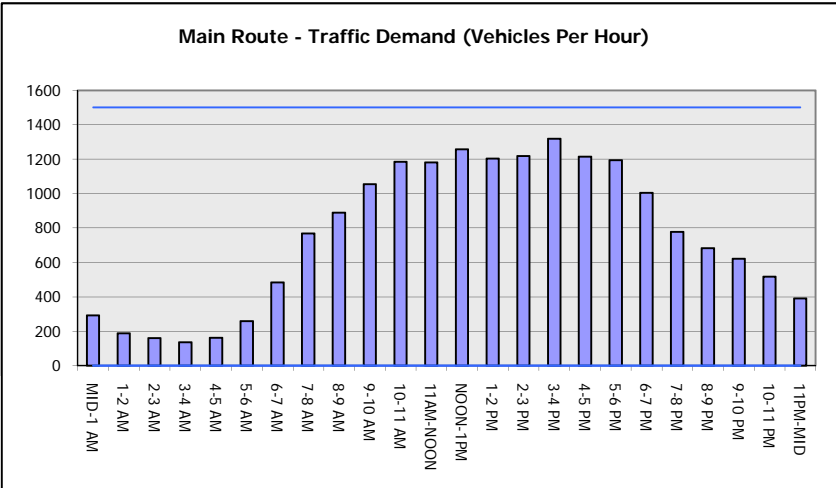
ROAD USER COSTS PER DAY	\$2,733
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



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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	212	0.0	1500	212	0	0.44	0	66.0	63.5	44.6
1-2 AM	145	0.0	1500	145	0	0.44	0	66.1	63.7	44.9
2-3 AM	133	0.0	1500	133	0	0.44	0	66.1	63.7	45.0
3-4 AM	100	0.0	1500	100	0	0.43	0	66.2	63.8	45.1
4-5 AM	142	0.0	1500	142	0	0.44	0	66.1	63.7	44.9
5-6 AM	248	0.0	1500	248	0	0.45	0	66.0	63.4	44.5
6-7 AM	452	0.0	1500	452	0	0.47	0	65.5	63.0	43.7
7-8 AM	807	0.0	1500	807	0	0.50	0	64.9	62.2	42.4
8-9 AM	1106	0.0	1500	1106	0	0.53	0	64.3	61.5	41.3
9-10 AM	1180	0.0	1500	1180	0	0.61	0	64.2	61.0	39.1
10-11 AM	1311	0.0	1500	1311	0	0.78	0	64.0	59.9	35.2
11AM-NOON	1376	0.0	1500	1376	0	0.86	0	63.8	59.4	33.5
NOON-1PM	1369	0.0	1500	1369	0	0.86	0	63.8	59.5	33.7
1-2 PM	1324	0.0	1500	1324	0	0.80	0	63.9	59.8	34.8
2-3 PM	1285	0.0	1500	1285	0	0.75	0	64.0	60.1	35.9
3-4 PM	1284	0.0	1500	1284	0	0.74	0	64.0	60.1	36.0
4-5 PM	1269	0.0	1500	1269	0	0.73	0	64.0	60.2	36.3
5-6 PM	1210	0.0	1500	1210	0	0.65	0	64.1	60.7	38.1
6-7 PM	964	0.0	1500	964	0	0.52	0	64.6	61.9	41.8
7-8 PM	812	0.0	1500	812	0	0.50	0	64.9	62.2	42.4
8-9 PM	712	0.0	1500	712	0	0.49	0	65.1	62.3	42.7
9-10 PM	654	0.0	1500	654	0	0.49	0	65.1	62.5	42.9
10-11 PM	532	0.0	1500	532	0	0.47	0	65.4	62.8	43.4
11PM-MID	318	0.0	1500	318	0	0.45	0	65.8	63.3	44.2

----- 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	0.0374
MAIN ROUTE WITH WORKS	0.0361
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,186
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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