

<b>STH 29: CTH FF TO PACKERLAND (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**

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	140	0.0	1500	140	0	0.46	0	60.2	50.5	41.5
1-2 AM	81	0.0	1500	81	0	0.45	0	60.2	50.7	41.7
2-3 AM	63	0.0	1500	63	0	0.45	0	60.2	50.7	41.8
3-4 AM	60	0.0	1500	60	0	0.45	0	60.2	50.7	41.8
4-5 AM	73	0.0	1500	73	0	0.45	0	60.2	50.7	41.7
5-6 AM	151	0.0	1500	151	0	0.46	0	60.2	50.5	41.5
6-7 AM	224	0.0	1500	224	0	0.47	0	60.2	50.4	41.2
7-8 AM	377	0.0	1500	377	0	0.49	0	60.2	50.1	40.7
8-9 AM	504	0.0	1500	504	0	0.50	0	60.2	49.7	40.3
9-10 AM	575	0.0	1500	575	0	0.51	0	60.2	49.6	40.1
10-11 AM	665	0.0	1500	665	0	0.52	0	60.2	49.4	39.7
11AM-NOON	633	0.0	1500	633	0	0.52	0	60.2	49.5	39.9
NOON-1PM	643	0.0	1500	643	0	0.52	0	60.2	49.5	39.8
1-2 PM	659	0.0	1500	659	0	0.52	0	60.2	49.4	39.8
2-3 PM	664	0.0	1500	664	0	0.52	0	60.2	49.4	39.7
3-4 PM	699	0.0	1500	699	0	0.53	0	60.2	49.4	39.7
4-5 PM	704	0.0	1500	704	0	0.53	0	60.2	49.4	39.6
5-6 PM	591	0.0	1500	591	0	0.51	0	60.2	49.6	40.0
6-7 PM	572	0.0	1500	572	0	0.51	0	60.2	49.6	40.1
7-8 PM	397	0.0	1500	397	0	0.49	0	60.2	50.0	40.6
8-9 PM	362	0.0	1500	362	0	0.49	0	60.2	50.1	40.7
9-10 PM	311	0.0	1500	311	0	0.48	0	60.2	50.2	40.9
10-11 PM	212	0.0	1500	212	0	0.47	0	60.2	50.4	41.2
11PM-MID	184	0.0	1500	184	0	0.46	0	60.2	50.4	41.4

*----- 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

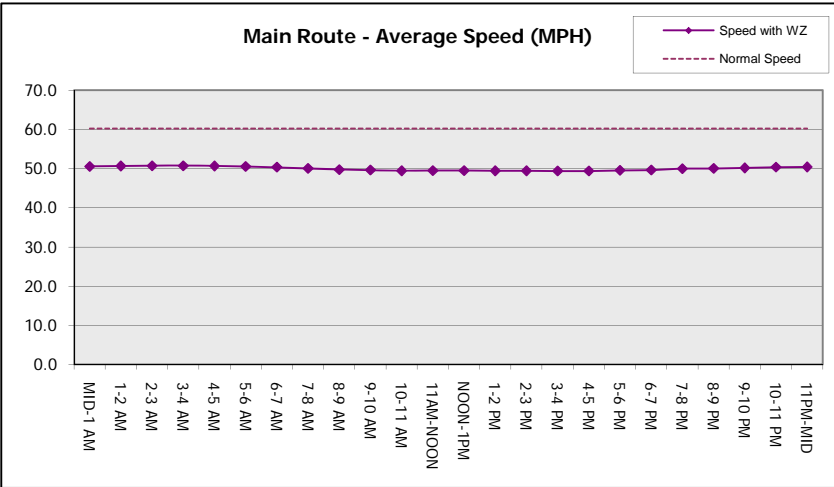
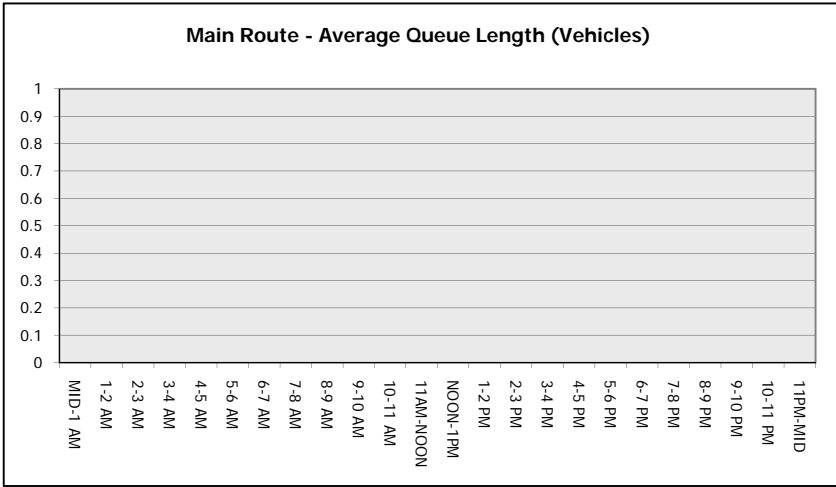
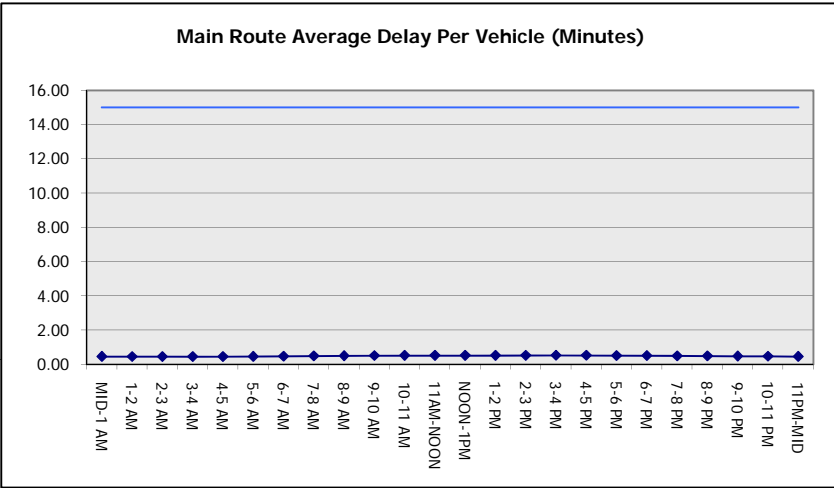
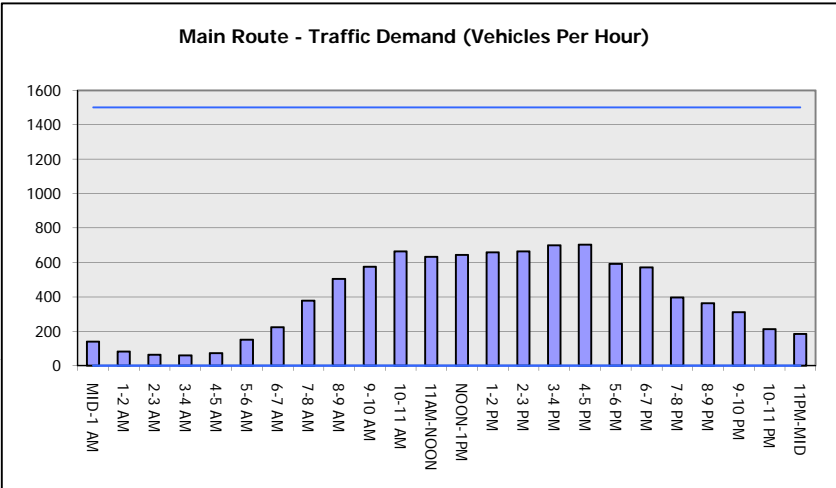
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0038
MAIN ROUTE WITH WORKS	0.0048
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,240
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

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



<b>STH 29: CTH FF TO PACKERLAND (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**

**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	86	0.0	1500	86	0	0.45	0	60.2	50.7	41.7
1-2 AM	42	0.0	1500	42	0	0.45	0	60.2	50.7	41.9
2-3 AM	56	0.0	1500	56	0	0.45	0	60.2	50.7	41.8
3-4 AM	49	0.0	1500	49	0	0.45	0	60.2	50.7	41.9
4-5 AM	96	0.0	1500	96	0	0.45	0	60.2	50.7	41.7
5-6 AM	173	0.0	1500	173	0	0.46	0	60.2	50.5	41.4
6-7 AM	259	0.0	1500	259	0	0.47	0	60.2	50.3	41.1
7-8 AM	419	0.0	1500	419	0	0.49	0	60.2	49.9	40.6
8-9 AM	536	0.0	1500	536	0	0.51	0	60.2	49.7	40.2
9-10 AM	634	0.0	1500	634	0	0.52	0	60.2	49.5	39.9
10-11 AM	738	0.0	1500	738	0	0.53	0	60.2	49.2	39.6
11AM-NOON	716	0.0	1500	716	0	0.53	0	60.2	49.3	39.6
NOON-1PM	656	0.0	1500	656	0	0.52	0	60.2	49.4	39.8
1-2 PM	604	0.0	1500	604	0	0.51	0	60.2	49.6	39.9
2-3 PM	595	0.0	1500	595	0	0.51	0	60.2	49.6	40.0
3-4 PM	584	0.0	1500	584	0	0.51	0	60.2	49.6	40.0
4-5 PM	664	0.0	1500	664	0	0.52	0	60.2	49.4	39.7
5-6 PM	640	0.0	1500	640	0	0.52	0	60.2	49.5	39.9
6-7 PM	445	0.0	1500	445	0	0.50	0	60.2	49.9	40.5
7-8 PM	352	0.0	1500	352	0	0.48	0	60.2	50.1	40.8
8-9 PM	318	0.0	1500	318	0	0.48	0	60.2	50.2	40.9
9-10 PM	253	0.0	1500	253	0	0.47	0	60.2	50.3	41.1
10-11 PM	285	0.0	1500	285	0	0.48	0	60.2	50.2	41.0
11PM-MID	145	0.0	1500	145	0	0.46	0	60.2	50.5	41.5

*----- 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	0.0037
MAIN ROUTE WITH WORKS	0.0047
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,212
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**SATURDAY NORTHBOUND DIRECTION**

