ALABAMA DEPARTMENT OF TRANSPORTATION PRESTRESS TENSIONING WORKSHEET

GENERAL INFORMATION

PROJECT NUMBER DATE						
COU	VTV		DIVISION POUR #			
MEM	BER	·	QA INSPECTOR			
STRAND DATA		HEAT NO.	AREA (in²)		MODULUS OF ELASTICITY (PSI)	
		AVED 4 0 E				
		AVERAGE				
GENERAL DATA	[1] [2]	OTD AND TYPE	STRAIGHT		DRAPED	
		STRAND TYPE				
		. ,				
		STRAND Es.(PSI) NO. OF STRANDS				
	[3]					
	[4]	INITIAL FORCE (lbs)				
	[5]	SPECIFIED FORCE (lbs)				
CALCULATIONS		ELONGATIONS	GROSS THI	EORETICAL	NET TH	IEORETICAL
		STRAND TYPE	STRAIGHT	DRAPED	STRAIGHT	
	[6]	BASIC ELONGATION				
	[7]	DEAD END SLIPPAGE				
	[8]	LIVE END SEATING				
	[9]	OTHER LOSSES				
		TOTAL ELONGATION	[10]		[11]	
		± 5% TOLERANCE				
		STRESSES	STRAIGHT		DRAPED	
	[12]	OVER PULL FORCE (lbs)				
	[13]	TOTAL FORCE (lbs)				
		± 5% TOLERANCE				
CORRECTIONS	[14]	STRAND TYPE	STRAIGHT		DRAPED	
		ACTUAL JACK READING				
	[15]	ACTUAL OVER PULL				
	[16]	ACTUAL TOTAL ELONG.				
	[17]	MEASURED ELONG.				
		ACTUAL LIVE END SEATING			_	
		ACTUAL LOAD RETAINED ULAS			1	