Form IC 736
Rev. 2-12 State Form 37778

Contract No. IR-30111 (D2208)
Report No. ONE

File Only

TENSIONING RECORD FOR PRECAST PRESTRESSED CONCRETE STRUCTURAL MEMBERS

Producer: Prestress Services (Decatur, IN) Member Nos. 504-1 & 508-2

STRAIGHT STRANDS Load = 44,488 lbs. e_c = 27 1/2 ins. e(min.) = 26 1/8 e(max.) = 28 7/8

Strand No. *	Row 1 Load (lbs)	Up 2" e(ins)	Row 2 Load (lbs)	Up 4" e(ins)	Row 3 Load (lbs)	Up 6" e(ins)	Row 4 Load (lbs)	Up 8" e(ins)	Row 10 Load (lbs)	Up 82" e(ins)	Row Load (lbs)	Up e(ins)
1	44,500	27	44,500	27 5/8	44,500	27 3/8	44,500	27 1/4	44,500	27		
2	44,500	27	44,500	27 3/4	44,500	27 3/8	44,500	27 7/8	44,500	27 3/4		
3	44,500	27 1/2	44,500	27 5/8	44,500	27 3/4	44,500	27 3/8	44,500	27 3/4		
4	44,500	28 3/8	44,500	27 5/8	44,500	27 3/4	44,500	27 3/8	44,500	27 3/8		
5	44,500	27 7/8	44,500	27 3/8	44,500	27 1/4	44,500	27 7/8	44,500	27		
6	44,500	27 1/4	44,500	27 1/8	44,500	27 1/2	44,500	27 1/4	44,500	27 5/8		
7	44,500	27 1/4	44,500	27 1/2	44,500	27 1/2			44,500	27 1/2		
8	44,500	27 5/8	44,500	27 1/4	44,500	27 1/2			44,500	27 5/8		
9	44,500	27 1/4										
10	44,500	27 1/4										
11												
12												

*Strands in rows shall be numbered from left to right as they appear when facing from the initial jacking position.

DRAPED STRANDS Load = lbs. e_c = ins. e(min.) = e(max.) =

Strand No. No. *	Row 5 Load (lbs)	Up 71" e(ins)	Row 6 Load (lbs)	Up 73" e(ins)	Row 7 Load (lbs)	Up 75" e(ins)	Row 8 Load (lbs)	Up 77" e(ins)	Row 9 Load (lbs)	Up 79" e(ins)	Row Load (lbs)	Up e(ins)
1	44,500	27 1/8	44,500	27 3/8	44,500	27 3/8	44,500	27 1/2	44,500	27 5/8		
2	44,500	27 1/2	44,500	27 1/2	44,500	27 1/2	44,500	27 1/4	44,500	27 1/2		
3												

LOAD CELL DATA

Load Cell No.	Cell Factor lbs. Micro In.	Cell Reading Micro Ins.	Load (lbs)

Bed No.: 4 Gage Length: 4428 Date Tensioned: 11/13/2012
Strand Type: 270k, Low Relax Size: 0.6 Area: 0.2205
Temp. when Tensioning: 50.0 °F Assumed Temp of Concrete: 65.0 °F
Max. Elongation Obtained: 28 3/8 ins. Min Elongation Obtained: 27 ins.
Remarks: