E73010

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DETENSIONING OF STRANDS FOR PRESTRESSED MEMBERS

	FREESTYLE DESCRIPTION-NAME, PROJECT NO., DATASET NAME, ETC.
H	

	GIRDER SIZE ✱	STRAND TYPE #	TIME INITIAL RELAX (24 HRS)	OPTIONAL FIX LOSS INITIAL RELAX. (PSI)	X = L.R.	NON-STANDARD STRAND (OPTIONAL) STRAND AREA (SQ. IN.)	FPI FACTOR	FPY FACTOR	GRADE	NOMINAL DIA. (FULL FRACTION) OF STRAND IN.
X										

X LINE COL. 2			
GIRDER SIZE		SLAB SIZE	
✱	SIZE	6	36'' X 18''
0	SPECIAL	7	36'' X 21''
1	36''		
2	45''		
3	54''		
4	63''		
5	72''		

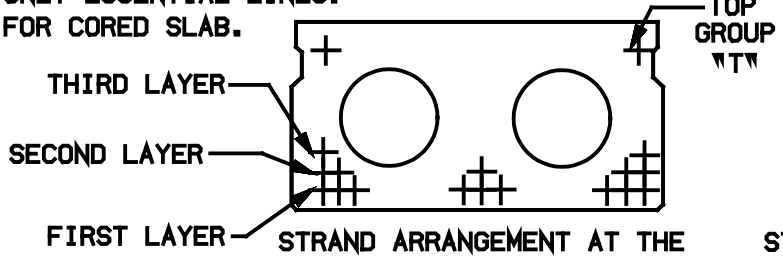
NON-STANDARD STRAND (OPTIONAL) (REQUIRED WHEN GIRDER SIZE = 0)

	DEPTH (IN.)	AREA SQ. IN.	Y BOT IN.	S BOT	S TOP	HEIGHT BOTTOM ROW IN.	HEIGHT BETWEEN ROWS IN.	HEIGHT TOP ROW IN.	GIRDER WEIGHT LBS./FT.
G									

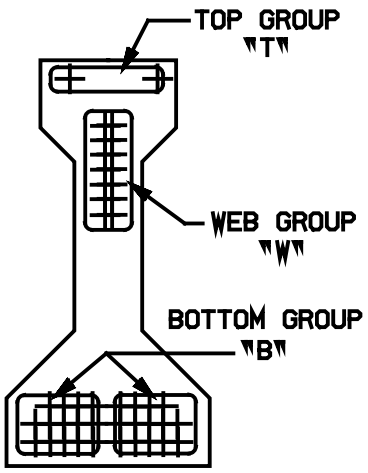
	CARD NO.	NO. STRANDS TOTAL NO.	NO. DRAPED	# PER WEB ROW (2)	NO. STRANDS BOTTOM ROW B LAYERS 1	2	3	4	5	6	HEIGHT STRANDS WEB ROW W LAYERS A	B	C	D	E	F	G	SHEATHING ONLY FOR CORED SLAB SPAN LENGTH FT.	SHEATH LENGTH FT.
A																			

	CARD NO.	DETENSIONING SCHEDULE (BLANK FOR SPECS. STD. FOR GIRDERS.)											
		1	2	3	4	5	6	7	8	9	10	11	12
		W B	NO.										
C													

H, X AND A ARE THE ONLY ESSENTIAL LINES.
"C" CARD ESSENTIAL FOR CORED SLAB.



STRAND ARRANGEMENT AT THE END OF THE CORED SLAB



STRAND ARRANGEMENT AT THE END OF THE GIRDER

REVISED 9-10-87