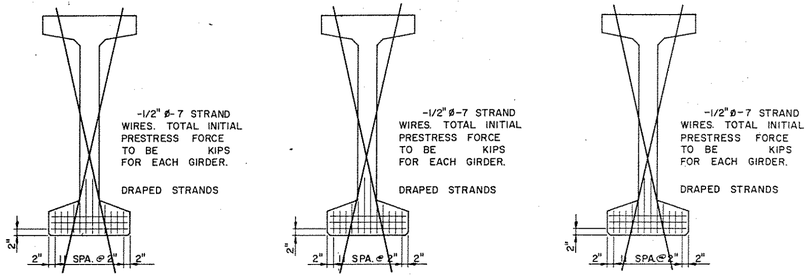
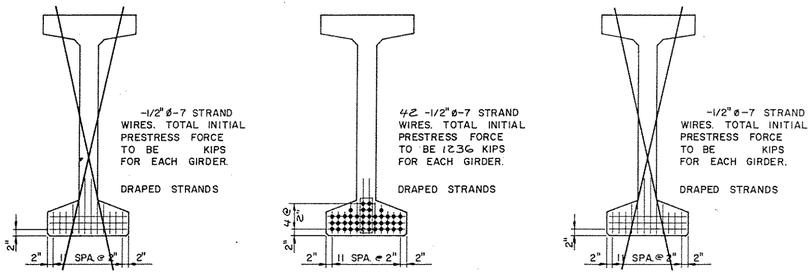
STATE PROJECT NUMBER	SHEET NO.
9429-01-70	8.8



SECTION THRU GIRDER TAKEN AT ℄ OF SPAN

(STRESS RELEASED STRAND PATTERN)



SECTION THRU GIRDER TAKEN AT ℄ OF SPAN

(LOW RELAXATION STRAND PATTERN)

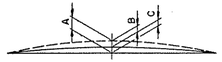
MINIMUM CYLINDER STRENGTH OF CONCRETE AT TIME OF TRANSFER OF PRESTRESS FORCE f'ci (p.s.i.)

GIRDER TYPE	SPAN 1	SPAN	SPAN
DRAPED PATTERN ◨	—		
DRAPED PATTERN ◭	5050		
SPREAD PATTERN	—		

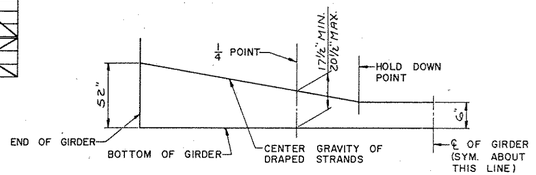
◨-DENOTES STRESS RELEASED GIRDER.
◭-DENOTES LOW RELAXATION GIRDER.

DEFLECTION DATA

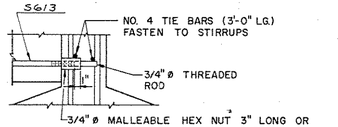
	CAMBER	SPAN 1	SPAN	SPAN
◨	* A = PRESTRESS CAMBER			
	* B = DEAD LOAD DEFLECTION			
	* C = RESIDUAL CAMBER			
◭	* A = PRESTRESS CAMBER	2 3/8"		
	* B = DEAD LOAD DEFLECTION	1 1/8"		
	* C = RESIDUAL CAMBER	1 1/4"		



* PRESTRESS CAMBER AND DEAD LOAD DEFLECTION DATA SHOWN ARE THEORETICAL AND MAY VARY WITH CONCRETE STRENGTH, VARIABLE PRESTRESSING CONDITIONS AND PRESTRESS LOSSES.



DRAPED STRAND PROFILE



ALL GIRDERS

INSERT DETAILS

WORK THIS SHEET WITH SHEET NO. 8.

No.	Date	Revision	By

PLANS PREPARED BY
OWEN AYRES & ASSOCIATES
ARCHITECTS / ENGINEERS
EAU CLAIRE, WISCONSIN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

STRUCTURE B-35-111

Const. Spec.	Drawn By	Plans Checked
1989	G.L.D.	C.B.M.

70" PRESTRESSED GIRDER DETAILS

SHEET 9 OF 13

X 82834