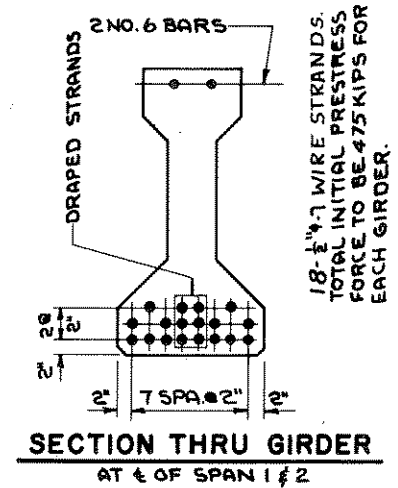
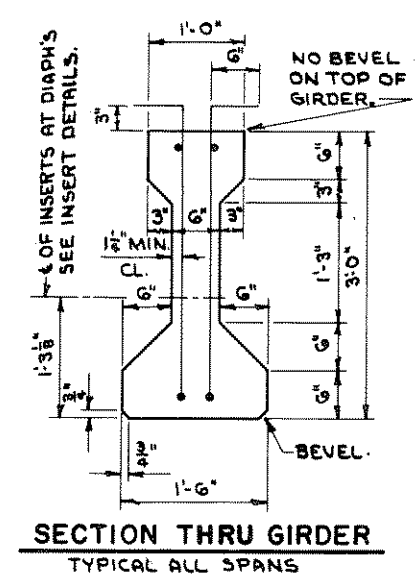
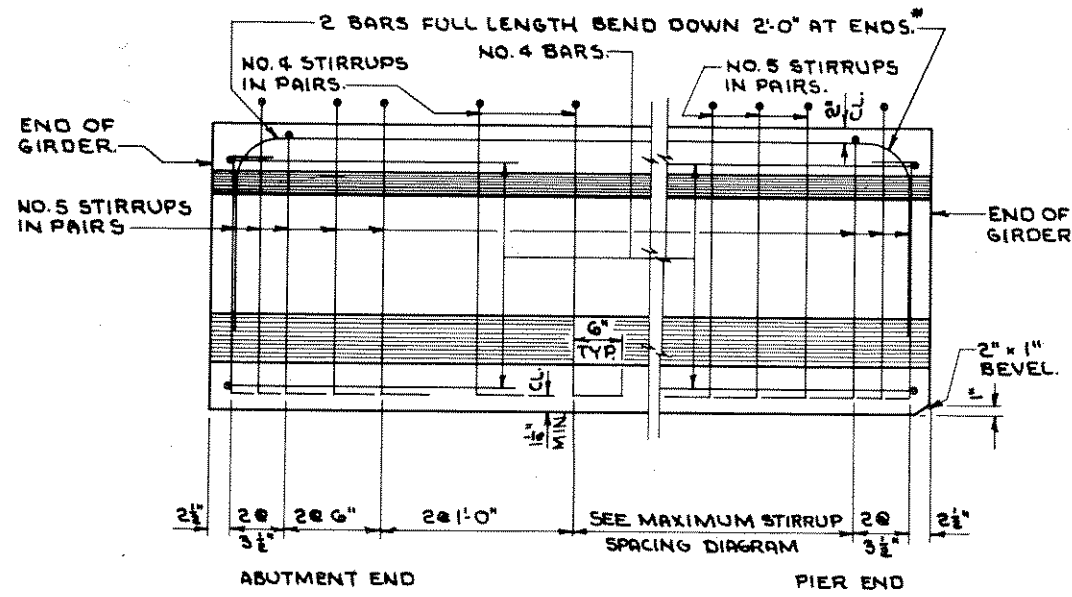
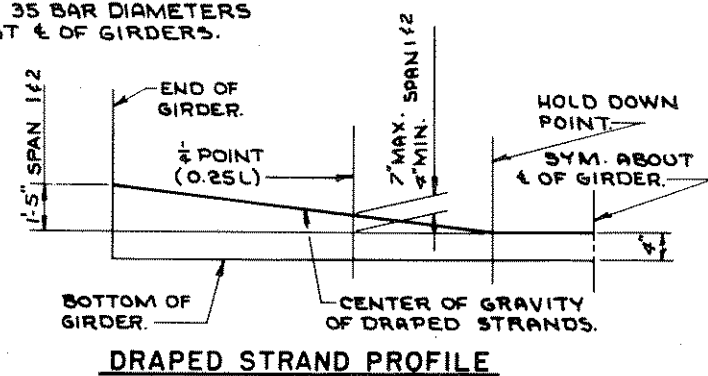
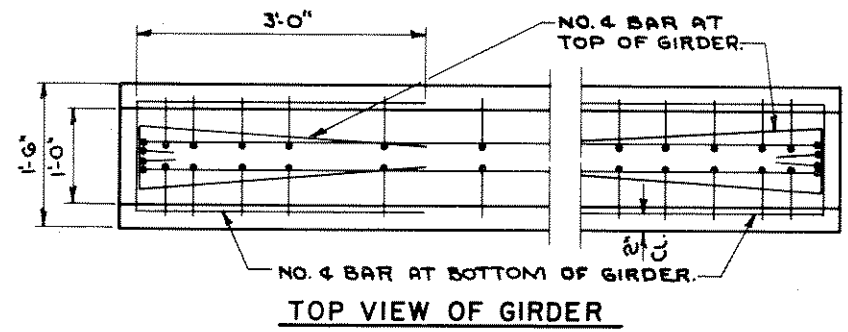


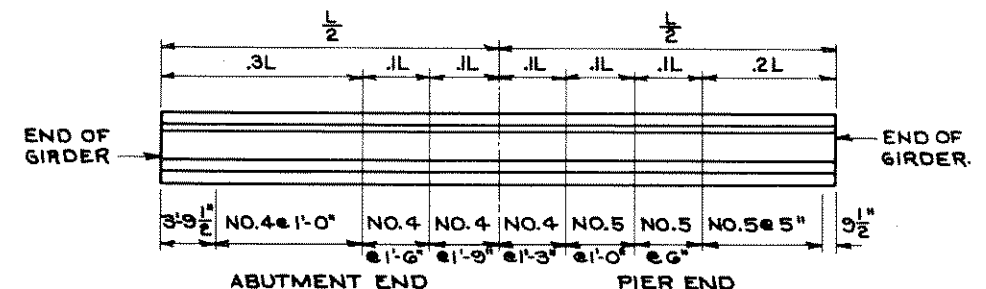
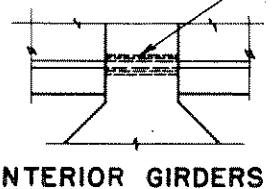
B. P. R. DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
4	51182(2)	7	13



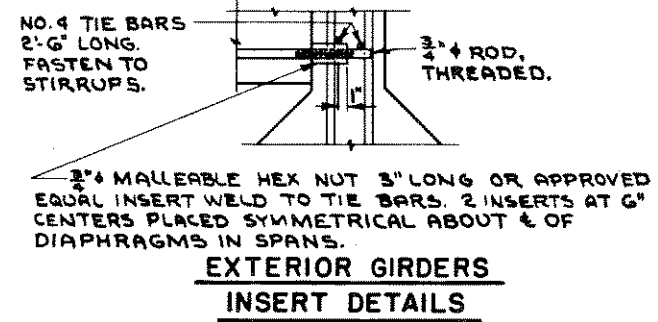
* ONE LAP OF 35 BAR DIAMETERS IS ALLOWED AT 1/4 OF GIRDERS.



2-1" I.D. SLEEVE INSERTS AT 6" CTR'S PLACED SYMMETRICAL ABOUT 1/4 OF DIAPHRAGMS IN SPANS.



MAXIMUM STIRRUP SPACING DIAGRAM
 ALL STIRRUPS TO BE IN PAIRS AS SHOWN ABOVE. THE LOCATION OF STIRRUPS SHALL BE SHOWN ON SHOP DRAWINGS. THE OVERALL LENGTH OF GIRDERS "L" IS 54'-0 1/2" FOR GIRDERS IN SPAN 1/2.



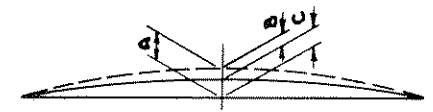
EXTERIOR GIRDERS INSERT DETAILS

MINIMUM CYLINDER STRENGTH OF CONCRETE AT TIME OF TRANSFER OF PRE-STRESS FORCE f_{ci} (psi)

GIRDER TYPE	SPAN 1/2
DRAPED PATTERN	4,800
SPREAD PATTERN	

DEFLECTION DATA

CAMBER	SPAN 1/2
*A- PRE-STRESS CAMBER	1/8"
*B- DEAD LOAD DEFLECTION	5/8"
*C- RESIDUAL CAMBER	1/2"



* DATA SHOWN IS THEORETICAL AND MAY VARY WITH CONCRETE STRENGTH, VARIABLE PRESTRESSING CONDITIONS AND PRESTRESS LOSSES.

GENERAL NOTES

TOP OF GIRDERS TO BE ROUGH FLOATED AND BROOMED TRANSVERSELY FOR BONDING TO SLAB.
 THE GIRDER MANUFACTURER SHALL PROVIDE A SUITABLE LIFTING DEVICE FOR HANDLING AND ERECTING THE GIRDERS. THE DETAILS OF THE LIFTING DEVICE USED SHALL BE SUBMITTED FOR APPROVAL.
 ALL GIRDERS SHALL BE CAST FULL LENGTH AS SHOWN. WIRES SHALL BE FLUSH WITH END OF GIRDERS.
 PRESTRESSING WIRES SHALL HAVE AN ULTIMATE STRENGTH OF 270,000 psi.
 ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOULDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	36" PRESTRESSED GIRDER DETAILS
	DESIGN SPEC. AASHO-G1 LOADING H20 CORRECTION 1963
	DATE 1/2-67 DESIGN ST'D DRAWN PAGE CRO. F.R.W.
STRUCTURE B-35-18	SHEET 3 OF 9