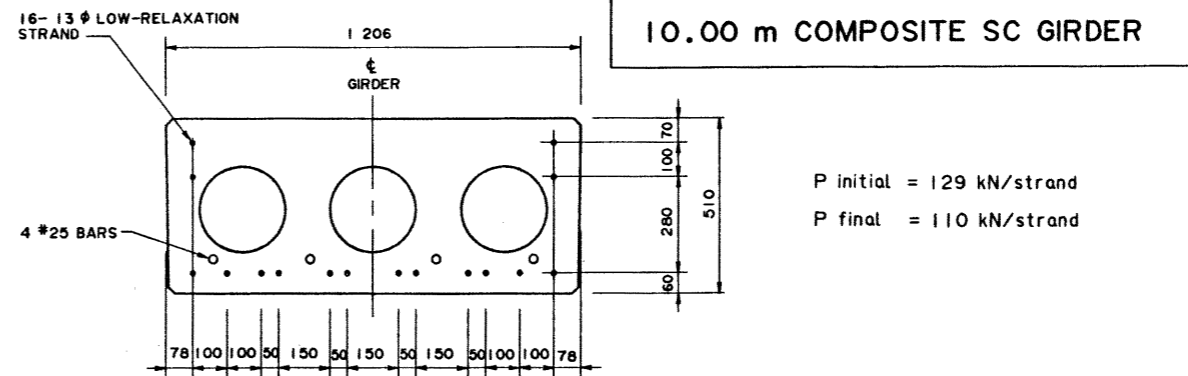
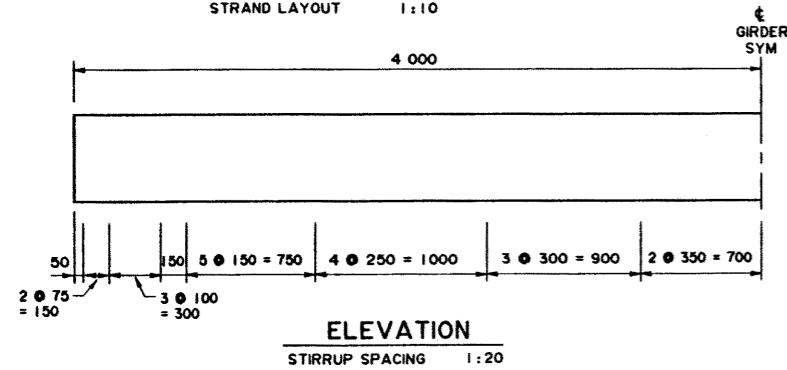


8.00 m COMPOSITE SC GIRDER

P initial = 129 kN/strand
P final = 113 kN/strand

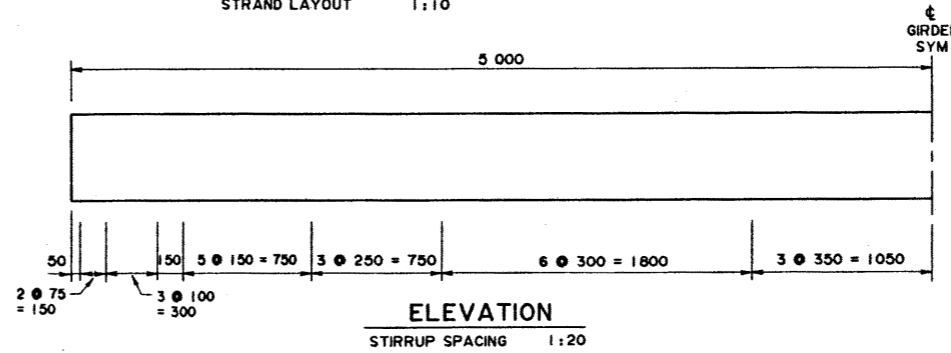
SECTION
STRAND LAYOUT 1:10



10.00 m COMPOSITE SC GIRDER

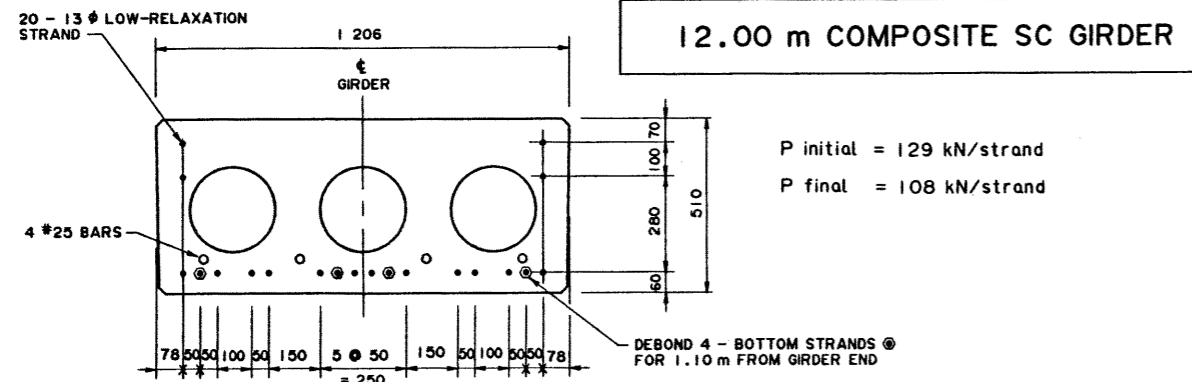
P initial = 129 kN/strand
P final = 110 kN/strand

SECTION
STRAND LAYOUT 1:10



GENERAL NOTES

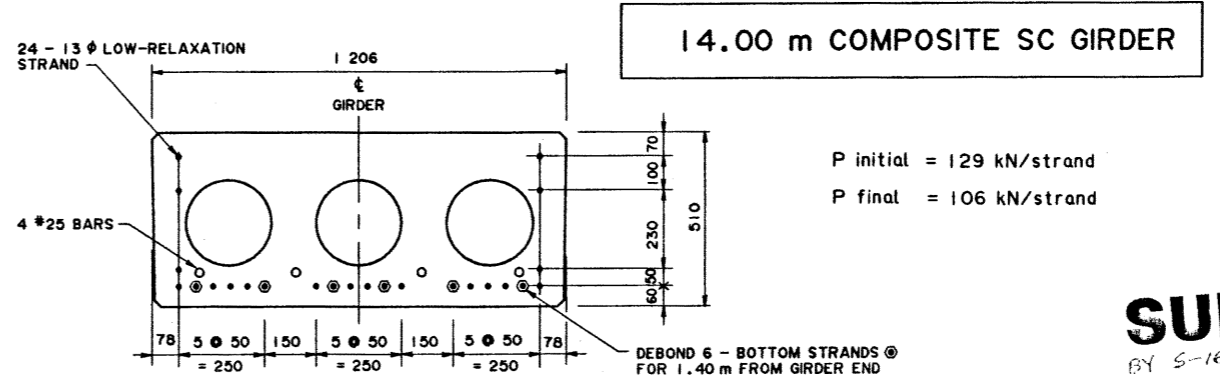
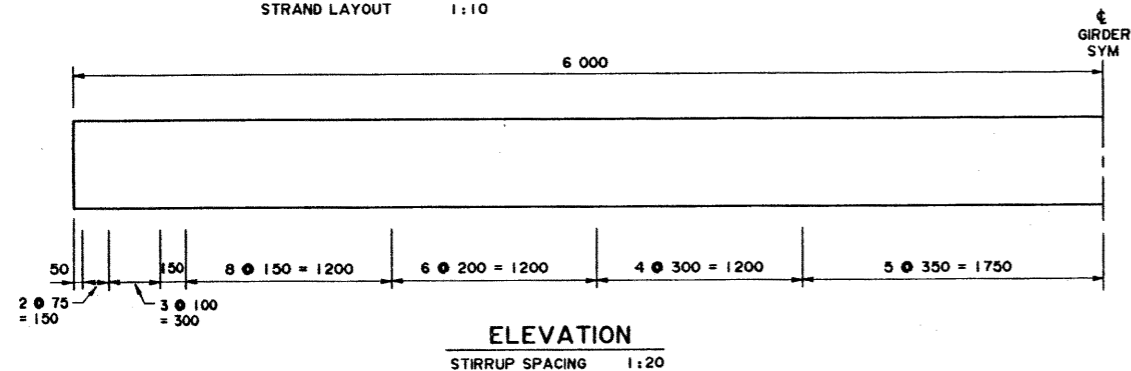
- DESIGN
- CAN/CSA-S6-88 SPECIFICATIONS
- LOADING:
- LIVE LOAD : CAN/CSA-S6-88; CS-750
0.672 WHEEL LINES PER GIRDER
 - DEAD LOAD : INTERIOR GIRDER
 - GIRDER - 9.3 kN/m
 - SLAB - 4.3 kN/m
 - W.S. - 1.3 kN/m
 - CURB GIRDER
 - GIRDER - 9.3 kN/m
 - CURB - 6.2 kN/m
 - SLAB & W.S. - 2.5 kN/m



12.00 m COMPOSITE SC GIRDER

P initial = 129 kN/strand
P final = 108 kN/strand

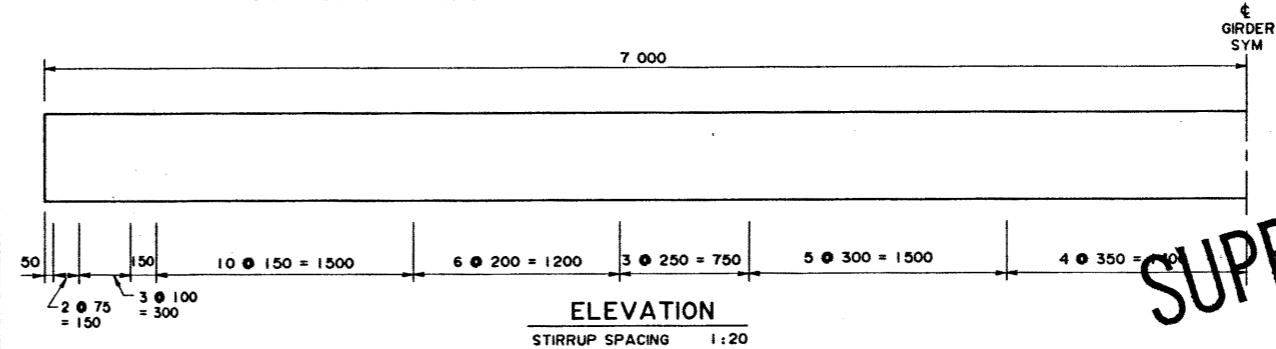
SECTION
STRAND LAYOUT 1:10



14.00 m COMPOSITE SC GIRDER

P initial = 129 kN/strand
P final = 106 kN/strand

SECTION
STRAND LAYOUT 1:10



SUPERSEDED
BY S-1619 BY REVISION 98-05-15

SUPERSEDED

CAMBER TABLE	8 m SPAN		10 m SPAN		12 m SPAN		14 m SPAN	
	INTERIOR GIRDER	EXTERIOR GIRDER	INTERIOR GIRDER	EXTERIOR GIRDER	INTERIOR GIRDER	EXTERIOR GIRDER	INTERIOR GIRDER	EXTERIOR GIRDER
GIRDER	2 †	2 †	5 †	5 †	10 †	10 †	19 †	19 †
PRESTRESS @ RELEASE	4 †	4 †	12 †	12 †	24 †	24 †	41 †	41 †
CURB	—	1 †	—	3 †	—	5 †	—	10 †
FIELD CAST DECK	1 †	—	2 †	—	4 †	1 †	7 †	1 †
WEARING SURFACE (FUTURE)	—	—	—	—	—	—	—	—
ESTIMATED FINAL CAMBER	1 †	1 †	5 †	4 †	10 †	8 †	15 †	11 †

APPROVED				EXECUTIVE DIRECTOR BRIDGE ENGINEERING				DATE															
DESIGNED LEA				DRAWN JFM		DATE 95-12-13		CHECKED T.J.S.A. TJS		DATE 95-12-18		STREAM		LOCATION		HIGHWAY		FILE		SHEET OF		DRAWING S-1619	

Albarta TRANSPORTATION AND UTILITIES
BRIDGE ENGINEERING BRANCH

COMPOSITE SC GIRDERS
STRAND & STIRRUP LAYOUTS

PLOTTED DEC 19, 1995 BBJOE 1:619x95.dgn