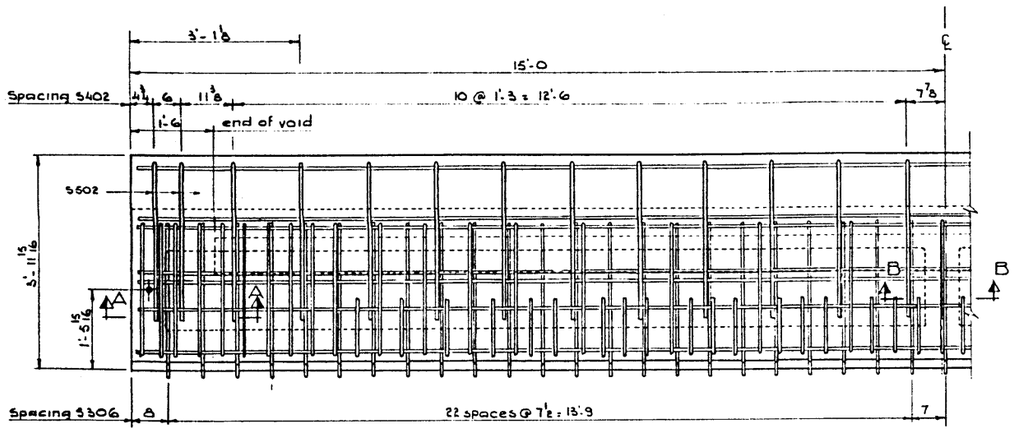
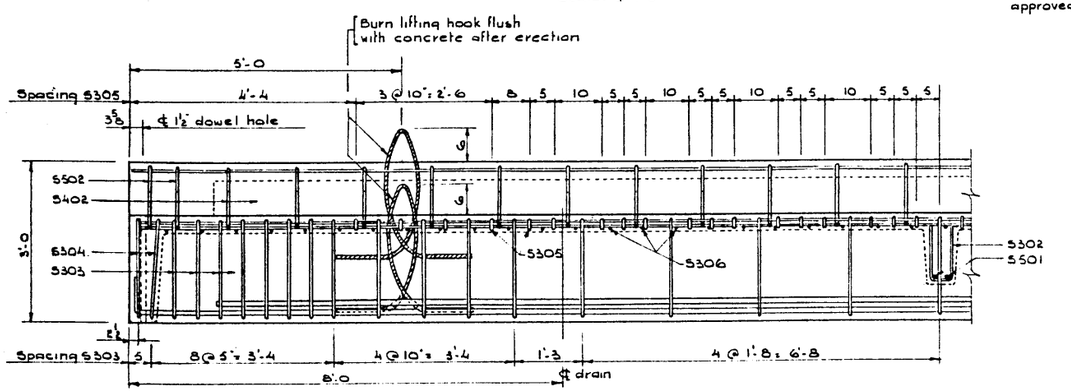
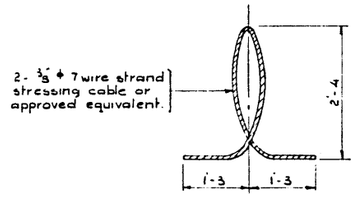


PLAN
Scale: ¾" = 1'-0



ELEVATION
Scale: ¾" = 1'-0



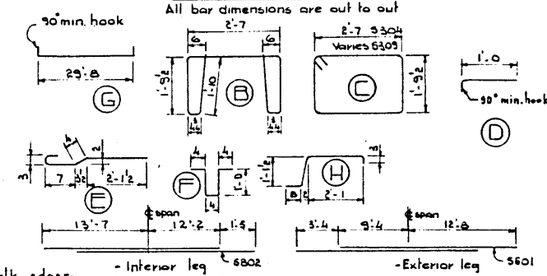
LIFTING HOOK
4 - req'd Scale: ¾" = 1'-0

BAR LIST

Mark	Size	Number	Type	Length	Weight
S301	3	3	Str	29'-8	33
S302	3	2	F	5'-0	2
S303	3	33	B	10'-7	131
S304	3	4	C	9'-3	14
S305	3	36	D	1'-3	17
S306	3	47	E	3'-5	60
S307	3	66	Str	5'	10
S308	3	3	Str	1'-6	2
S401	4	4	Str	29'-8	79
S402	4	22	H	4'-2	61
S501	5	2	Str	2'-7	5
S502	5	4	H	4'-2	17
S801	8	2	G	30'-9	164
S802	8	2	Str	25'-9	138
S601	6	2	Str	22'-0	66
S701	7	2	G	30'-7	125
* S309	3	2	C		

*skewed stringer only Total 924

BAR TYPES
All bar dimensions are out to out



GENERAL NOTES

DESIGN

Live Load - A.A.S.H.O. H20 - S16 modified as shown.

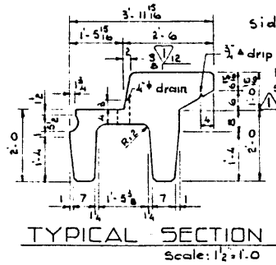
Dead Load - includes allowance for 2" wearing surface.

Concrete - to be standard weight aggregates with maximum aggregate size of ¾ inch. Minimum 28 day compressive strength to be 4,000p.s.i.

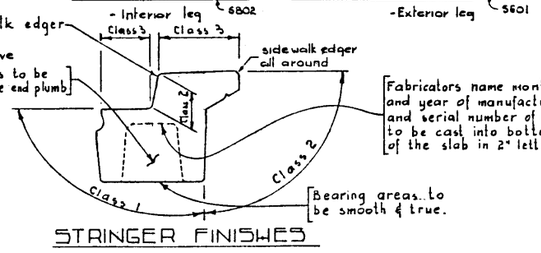
CONSTRUCTION

Entrained air shall be 5½% ± 1%.
Diameters of all bends shall conform to the recommended minimums and all hooks, unless otherwise noted shall conform to the recommended sizes detailed in the A.C.I. Manual of Standard Practice for Detailing Reinforced Concrete Structures.
Each stringer shall have a cast camber of ¼ inch.
All acute angles on skewed stringers shall have ¾ inch chamfer.
Concrete shall attain at least 30% of the specified 28 day compressive strength before the units are stripped from the forms or lifted.
Lifting force at each hook is to be vertical at all times.

Units are to conform to the requirments of the Alberta Government Specifications for the Manufacture of Precast Concrete Bridge Units.

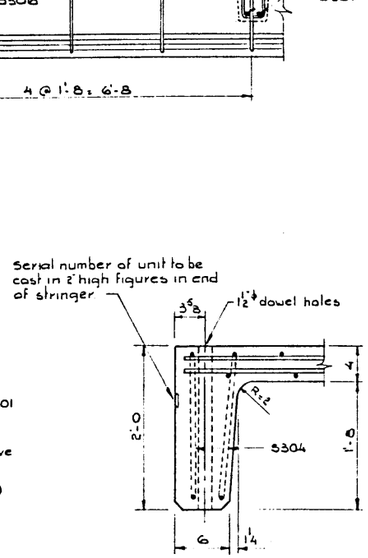


TYPICAL SECTION
Scale: 1½" = 1'-0



STRINGER FINISHES

STRINGER SECTION
Scale: 1½" = 1'-0

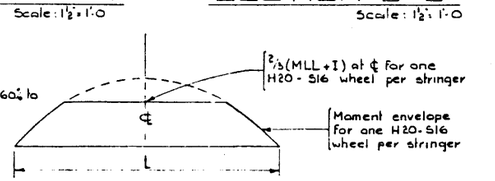


SECTION A - A
Scale: 1½" = 1'-0

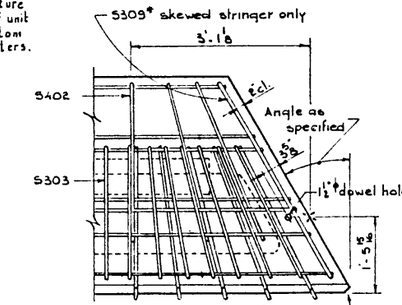
SECTION B - B
Scale: 1½" = 1'-0

ANCHOR BOLT DETAIL
Scale: 1½" = 1'-0

Note:
Live Load is proportioned 60% to interior leg and 40% to exterior leg.



DESIGN LIVE LOAD MOMENT ENVELOPE
N.T.S.



NOTE
All other details to conform to those shown for square stringers. (On skewed stringers the lifting hooks are to be placed 10'-0" from the mid-point of the unit.)

SKEWED STRINGER
Scale: ¾" = 1'-0

DESIGNED BY R.W. Lyne DATE Sep. 1962
DETAILED BY R. Eisenbeis DATE Oct. 19 62
CHECKED BY DATE 19

NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1	0-120/65	Curb Slope	DG

REVISIONS

PRECAST CONCRETE CURB STRINGER
TYPE E.K. 30 FT.
LOADING H20 - S16

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
BRIDGE BRANCH, EDMONTON

FILE NO. ____ HWY. NO. ____ DWG. NO. S-807
LOCATION ____ SCALE as shown
STREAM ____ SHEET ____ OF ____

1

6-2117