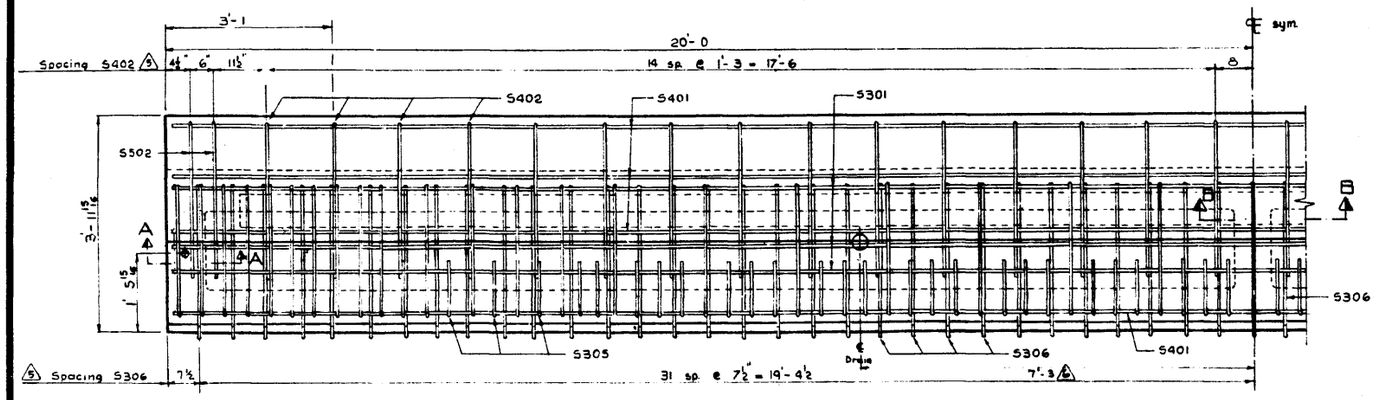
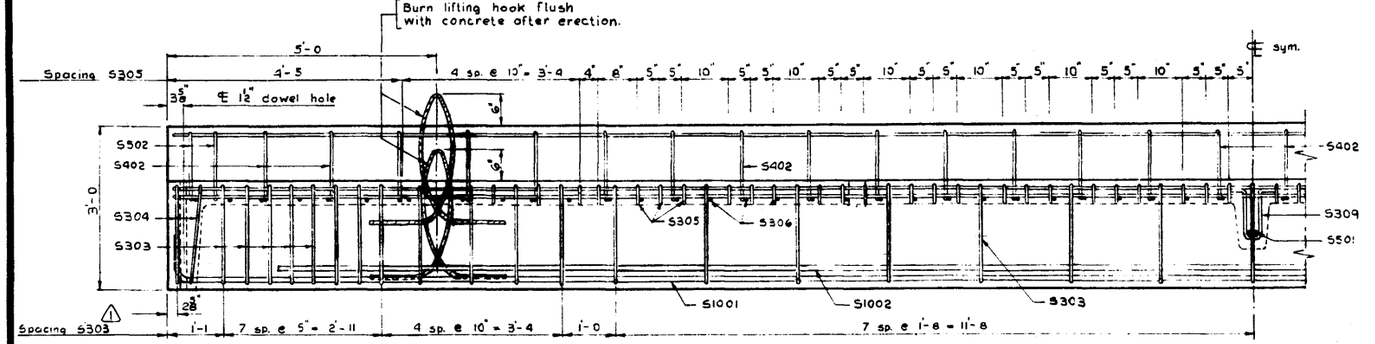
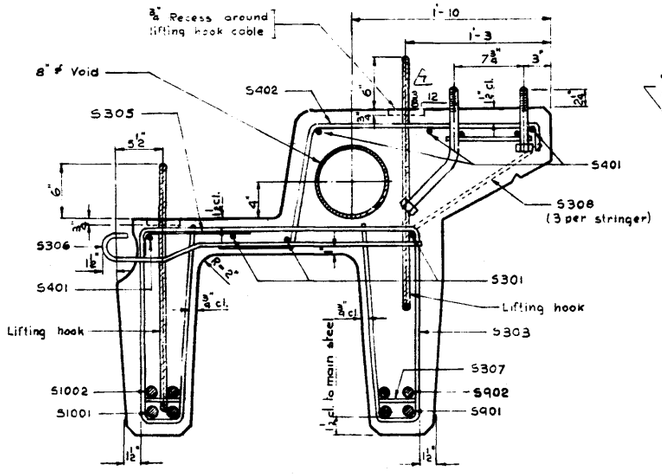


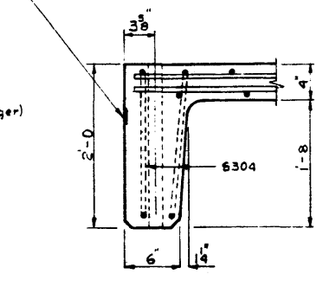
PLAN VIEW
Scale: $\frac{3}{4}$" = 1'-0



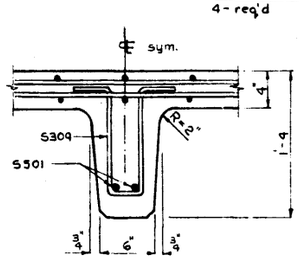
ELEVATION
Scale: $\frac{3}{4}$" = 1'-0



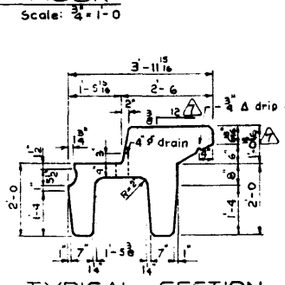
STRINGER SECTION
Scale: 1½" = 1'-0



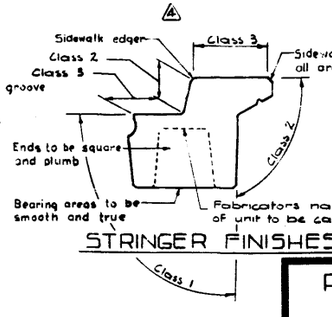
SECTION A-A
Scale: 1½" = 1'-0



SECTION B-B
Scale: 1½" = 1'-0

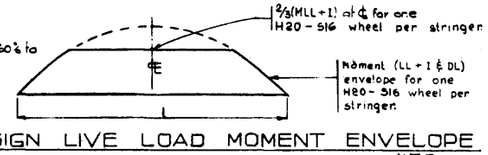


TYPICAL SECTION
Scale: 1½" = 1'-0

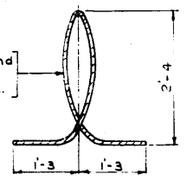


STRINGER FINISHES

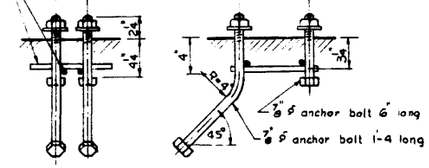
Note:
Live Load is proportional 60% to interior leg and 40% to exterior leg.



DESIGN LIVE LOAD MOMENT ENVELOPE
N.T.S.



LIFTING HOOK
4 - req'd
Scale: $\frac{3}{4}$" = 1'-0



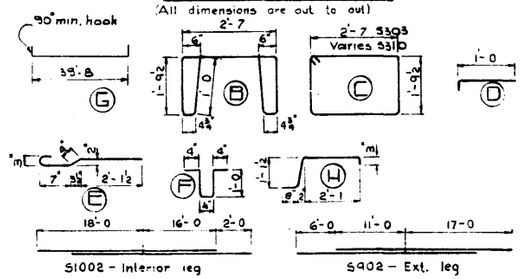
ANCHOR BOLT DETAIL
Scale: 1½" = 1'-0

BAR LIST

Mark	Size	Number	Type	Length	Weight
S301	3	3	str.	39'-8	45
S303	4	39	B	10'-8	156
S304		4	C	9'-3	14
S305		54	D	1'-3	25
⑤ S306		63	E	3'-5	81
S307		22	str.	5'	3
S308		3	str.	1'-6	2
S309	3	2	F	3'-0	2
S401	4	4	str.	39'-8	106
S402	4	30	H	4'-2	84
S501	5	2	str.	2'-7	5
S502	5	4	H	4'-2	17
S401	9	2	G	40'-11	278
S902	9	2	str.	28'-0	190
S1001	10	2	G	41'-1	354
S1002	10	2	str.	34'-0	293
* S310	3	2	C		

* skewed stringer only — Total 1,655 lbs. ⑤

BAR TYPES
(All dimensions are out to out)



GENERAL NOTES

⚠4

DESIGN

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

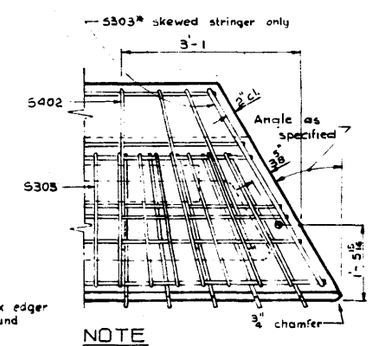
Dead Load - includes allowance for 2" wearing surface.

Concrete - to be standard weight aggregates with maximum aggregate size of ¾ inch. Minimum 28 day compressive strength to be 4000 p.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 stringer 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 requirements of the Alberta Government Specifications for the Manufacture of Precast Concrete Bridge Units.



NOTE
All other details to conform to those shown for square stringers. (On skewed stringers ⚠ the lifting hooks are to be placed 15"-0 from the mid-point of the unit.)

SKEWED STRINGER
Scale: $\frac{3}{4}$" = 1'-0

NO.	DATE	DESCRIPTION	BY
7	Oct 20/65	Curb slope	DR
⚠6	Dec 8/63	Drain hole location	R.E.B.
⚠5	Oct 11/63	S306 Spacing	R.E.B.
⚠4	Sept 18/63	Notes & Finishes revised	R.S.
⚠3	Sept 12/63	Notes revised	R.S.
⚠2	April 1/63	General notes	R.E.
⚠1	Dec. 19/62	General Revisions	R.Ch.

REVISIONS

PRECAST CONCRETE CURB STRINGER
TYPE E.K. 40 FT.
LOADING H20 - S16

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

FILE NO. _____ HWY. NO. _____ DWG. NO. S-811
LOCATION _____ SCALE as shown
STREAM _____ SHEET ____ OF ____

DESIGNED BY R.W. Lyne DATE September 19 62.
DETAILED BY R. Chwick DATE September 1962.
CHECKED BY _____ DATE _____