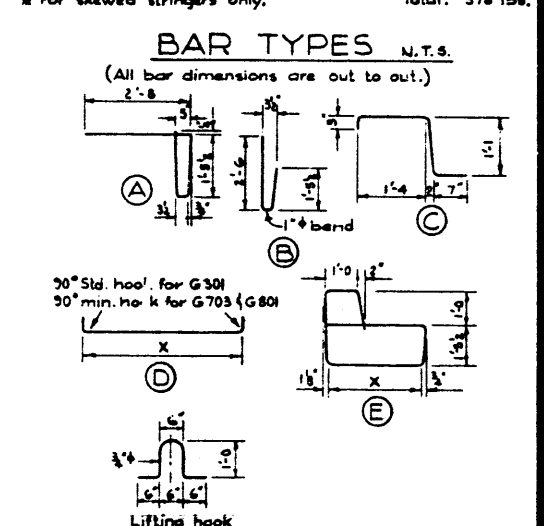


BAR LIST

Mark	Size	Number	Type	X	Length	Weight
S 301	3	21	A		6'-0"	47
S 302	3	21	B		4'-1"	32
G 301	3	4	D	2'-7"	3'-4"	3
G 302	3	13	Str.		2'-8"	13
C 301	3	21	C		3'-3"	26
D 301	3	6	Str.		19'-8"	44
D 301	4	1	Str.		19'-8"	13
G 801	8	1	D	13'-8"	20'-5"	55
G 701	7	1	Str.		16'-9"	34
G 702	7	1	Str.		19'-0"	35
G 703	7	1	D	13'-8"	20'-7"	42
G 601	6	1	Str.		17'-6"	26
S 303	3	2	E			

For skewed stringers only. Total: 376 lbs.



GENERAL NOTES

DESIGN

- Live Load - A.A.S.H.O. HS-20-44 modified as shown.
- Dead Load - includes allowances for 2" wearing surface.
- Concrete - to be standard weight aggregate with maximum aggregate size of 3/4" inch. Minimum 28 day compressive strength to be 4000 p.s.i.

CONSTRUCTION

- Entrained air shall be not less than 5%.
- 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 chamfer of 3/4" inch.
- All acute angles on skewed stringers shall have 3/4" 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.
- Each connector is to be allowed one 3/4" x 2" N.T. bolt, one heavy hex semi finished nut and three hardened washers. (Supplied by Dept.)
- Stringers shall conform to the requirements of the Alberta Government Specification for the manufacture of Precast Concrete Bridge Units.

ERECTION

- Any free space between the connectors shall be filled with washers.

PRECAST CONCRETE 20 FT. SPAN TYPE 'HC' CURB STRINGER

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

SCALE As shown
5-791-70

REVISED

DESIGNED BY Robert E. Bailler
CHECKED BY R. Christ
DATE July 1962
DATE July 1962
DATE July 1962