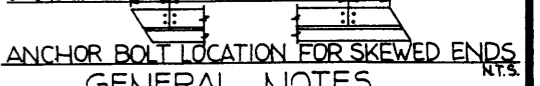
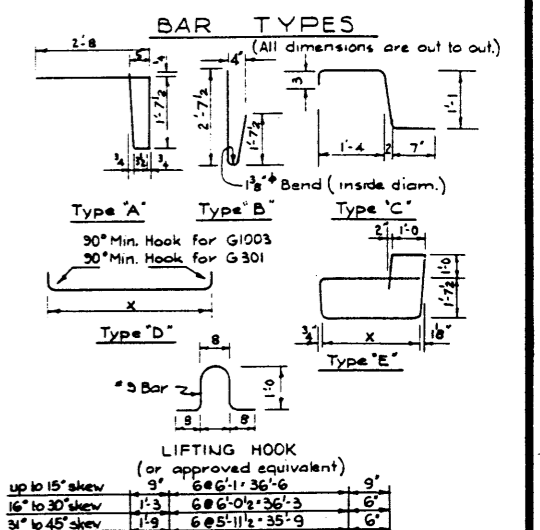


**BAR LIST**

MARK	SIZE	NUMBER	TYPE	X	LENGTH	WEIGHT
S 301	3	63	A		6'-4	160
S 302	3	63	B		4'-5	104
G 301	3	4	D	2'-7	3'-6	5
G 302	3	4	D	2'-7	3'-6	5
C 301	3	41	C		2'-8	41
C 301	3	41	C		3'-5	50
D 301	3	6	Str.		37'-8	85
D 401	4	1	Str.		37'-8	25
G 901	9	1	Str.		26'-6	90
G 1101	11	3	D	37'-8	39'-2	624
G 1102	11	2	Str.		35'-0	372
G 1103	11	1	Str.		31'-0	165
S 301	3	2	E			

\* Skewed stringer only. Total weight lbs: 1,711



**GENERAL NOTES**

**DESIGN**

- Live Load - A.A.S.H.O. HS-25-44 modified as shown.
- Dead Load - includes allowance for 2" wearing surface.
- Concrete - to be standard weight, aggregates with maximum aggregate size of 3/4 inch, minimum 28 day compressive strength to be 4500 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 camber of 3/8 inch.
- All acute angles on skewed stringers shall have 3/8 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" H.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.

**PRESTRESSING:**

- Anchorage and stressing system shall be submitted to the Department for approval.
- If post-tensioning is used the cables are to be completely grouted with an approved grout after stressing.
- Minimum concrete strength at release of prestress - 3600 p.s.i.
- Final prestress forces - 89 k (44.5 k each leg).

**HS 25 TRUCK**

APPROVED		PROVINCE OF ALBERTA DEPARTMENT OF HIGHWAYS AND TRANSPORT BRIDGE BRANCH	
DESIGNED J. C. YIH		PRECAST CONCRETE 38 FT. SPAN TYPE 'VH' CURB STRINGER	
DRAWN BY I. STANLEY		DATE Aug 9/73	
DATE JULY 1973		SHEET 5-1088	
CHECKED BY		SCALE AS SHOWN	
DATE		FILE NO.	
STREAM		SHEET	
LOCATION		SHEET	
HWY. NO.		SHEET	