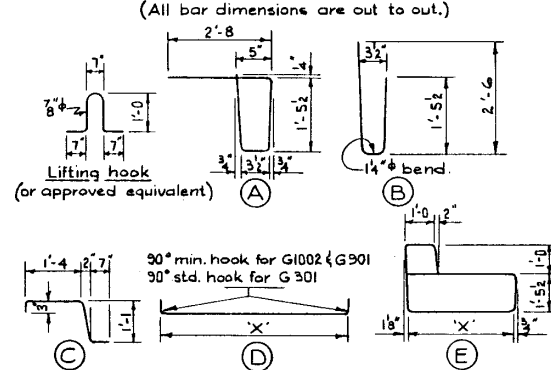


**BAR LIST**

| Mark   | Size | No. | Type | 'X'   | Length | Weight |
|--------|------|-----|------|-------|--------|--------|
| S 301  | 3    | 37  | A    |       | 6'-0   | 83     |
| S 302  | 3    | 37  | B    |       | 4'-1   | 57     |
| C 301  | 3    | 31  | C    |       | 3'-3   | 38     |
| G 301  | 3    | 4   | D    | 2'-7  | 3'-6   | 5      |
| G 302  | 3    | 31  | Str. |       | 2'-8   | 31     |
| D 301  | 3    | 6   | Str. |       | 27'-8  | 62     |
| D 401  | 4    | 1   | Str. |       | 27'-8  | 18     |
| G 1001 | 10   | 1   | Str. |       | 27'-8  | 119    |
| G 1002 | 10   | 1   | D    | 27'-8 | 29'-1  | 125    |
| G 901  | 9    | 1   | D    | 27'-8 | 28'-11 | 98     |
| G 801  | 8    | 1   | Str. |       | 25'-0  | 67     |
| G 701  | 7    | 1   | Str. |       | 22'-6  | 46     |
| S 303  | 3    | 2   | E    |       |        |        |

\* For skewed stringers only. Total : 749 lbs.

**BAR TYPES N.T.S.**



**GENERAL NOTES**

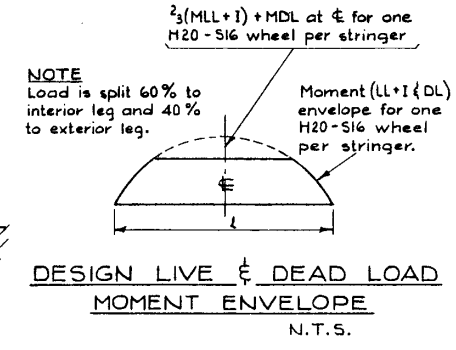
- DESIGN**
- Live Load - A.A.S.H.O. HS-20-44 modified as shown.
  - Dead Load - includes allowance for 2" wearing surface.
  - Concrete - to be light weight aggregates with maximum aggregate size of 3/4 inch. Minimum 28 day compressive strength to be 4000 p.s.i. The unit weight of the concrete shall be 105 lbs. per cubic foot plus or minus 5% when unit weight is determined in conformity with the requirements of the specification ASTM C330.
- 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 3/4 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"x2" H.T. bolt, one heavy hex semi finished nut and three hardened washers. (Supplied by Dept.)
- ERECTION**
- Any free space between the connectors shall be filled with washers.

SUPERSEDED

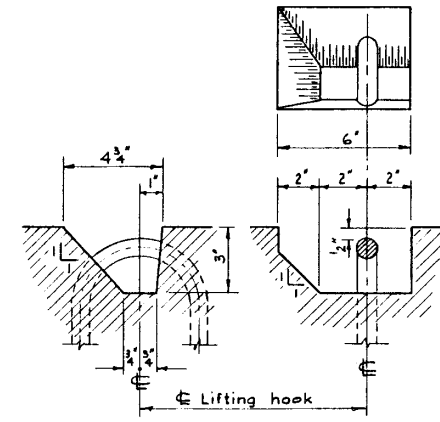
**PRECAST CONCRETE  
28FT. SPAN TYPE 'HC'  
CURB STRINGER**

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

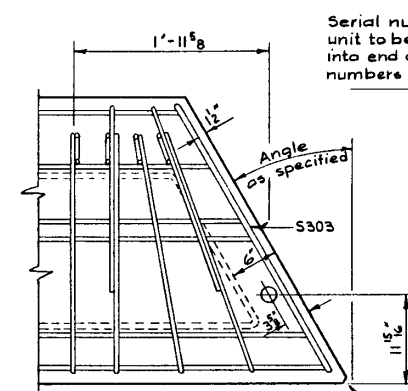
FILE NO. \_\_\_\_\_ HWY. NO. \_\_\_\_\_ DWG. NO. S-792  
LOCATION \_\_\_\_\_ SCALE AS SHOWN  
STREAM \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_



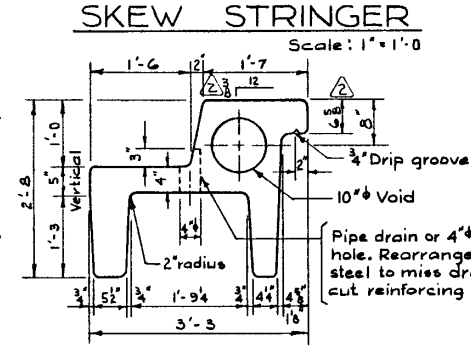
**DESIGN LIVE & DEAD LOAD  
MOMENT ENVELOPE**  
N.T.S.



**LIFTING HOOK POCKET**  
Scale: 3" = 1'-0"

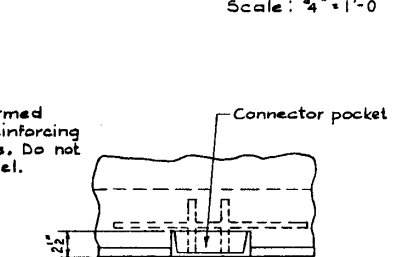


**SKEW STRINGER**  
Scale: 1" = 1'-0"

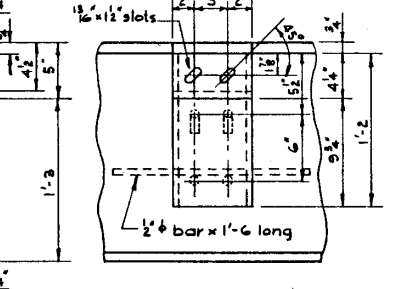


**TYPICAL SECTION**  
Scale: 3/4" = 1'-0"

**STRINGER FINISHES**

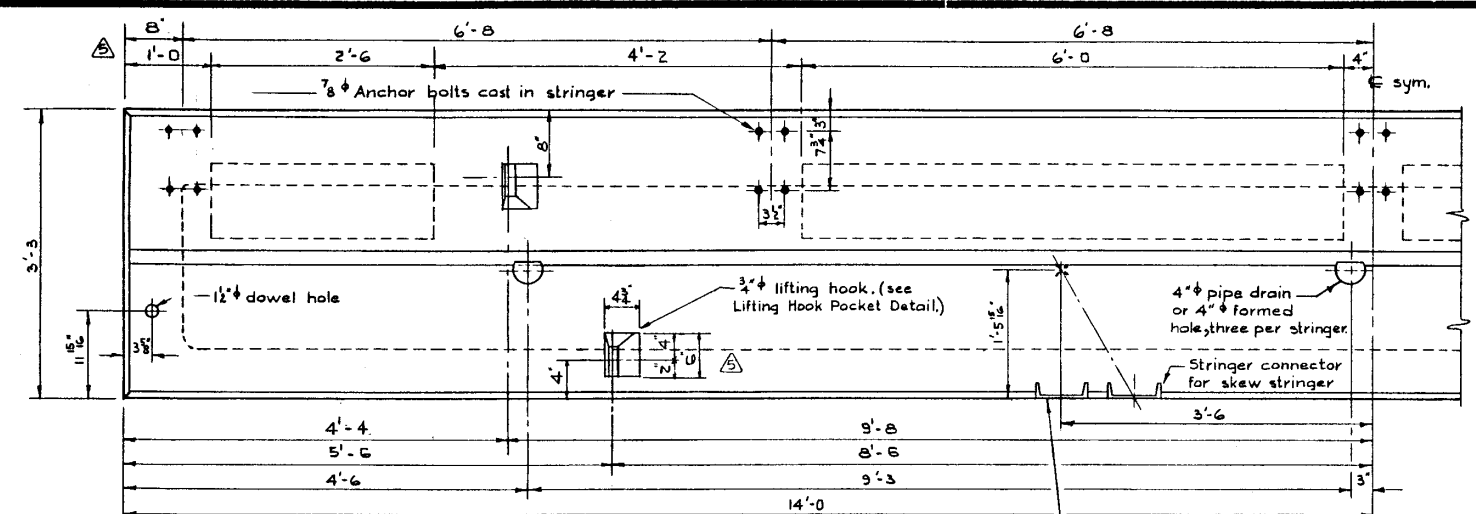


**STRINGER FINISHES**  
Scale: 3/4" = 1'-0"

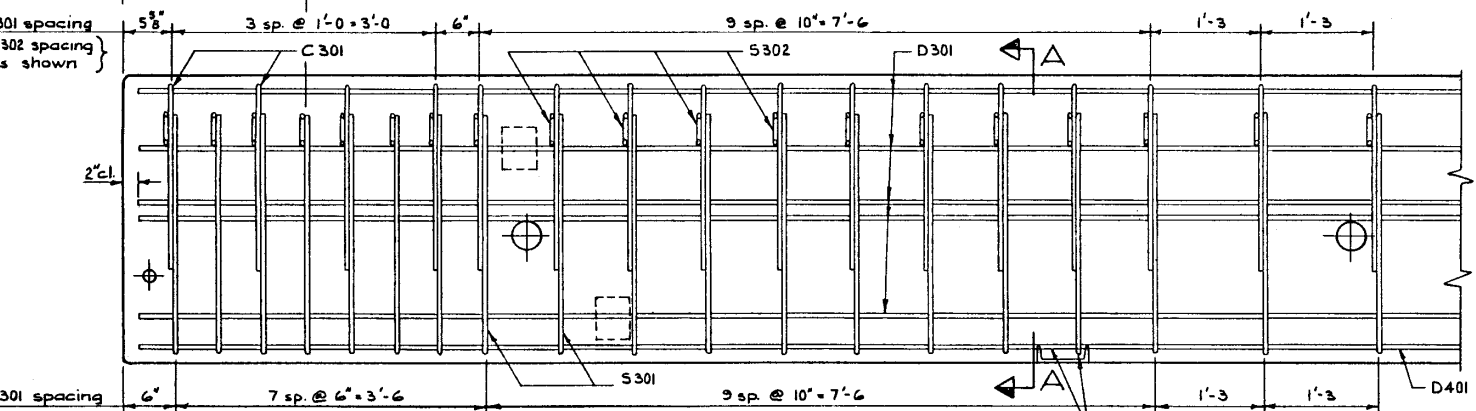


**STRINGER CONNECTOR**  
Scale: 1 1/2" = 1'-0"

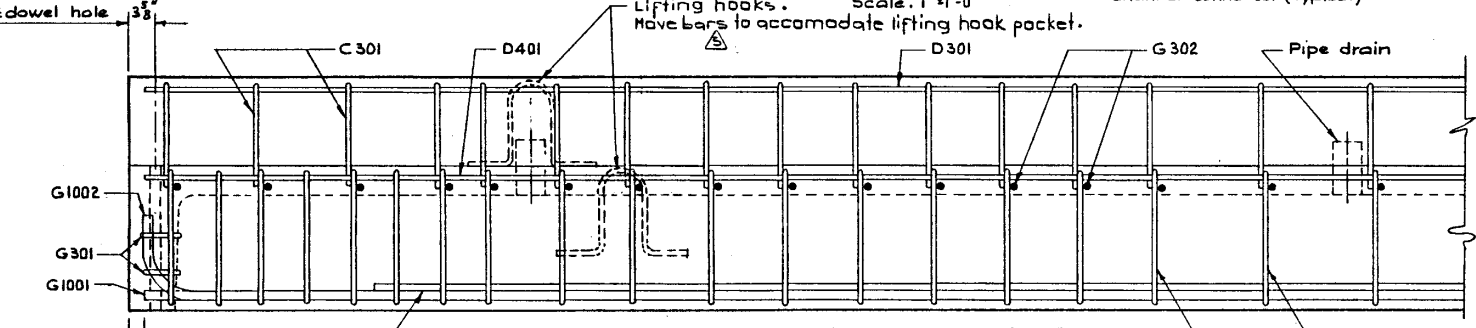
| NO. | DATE       | DESCRIPTION                             | BY     |
|-----|------------|---|--------|
| 1   | Dec. 10/65 | Location of lifting hooks & notes added | R.W.K. |
| 2   | Oct. 26/67 | Anchor bolt assembly.                   | B.W.S. |
| 3   | Feb. 6/67  | ASTM Spec. added                        | DA     |
| 4   | Oct. 20/65 | Curb slope                              | C.R.   |
| 5   | Sept. 7/65 | Re-drawn                                | V.G.B. |



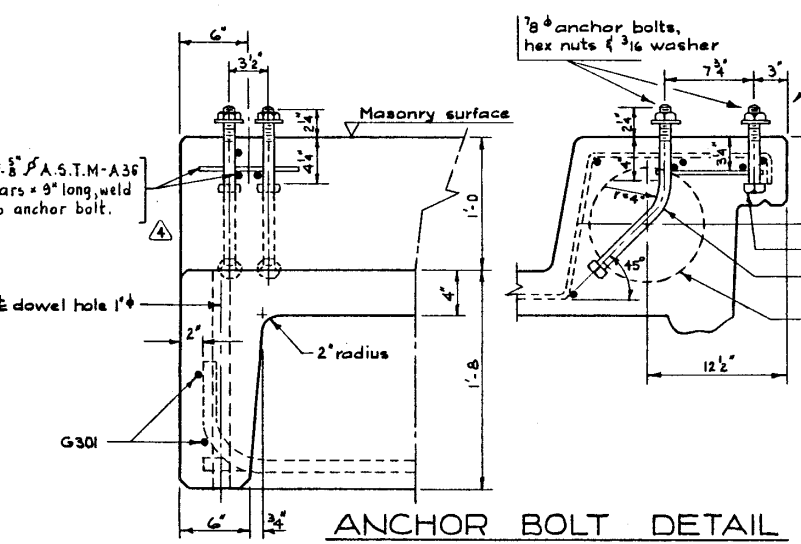
**PLAN**  
Scale: 1" = 1'-0"



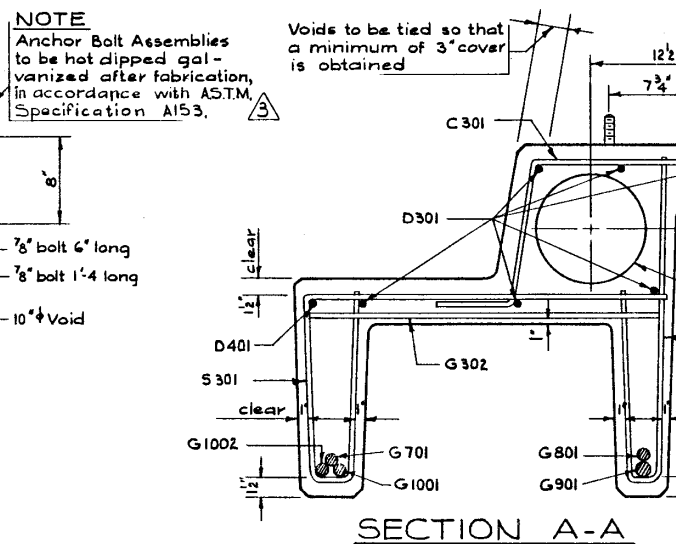
**REINFORCEMENT PLAN**  
Scale: 1" = 1'-0"



**REINFORCEMENT ELEVATION**  
Scale: 1" = 1'-0"



**ANCHOR BOLT DETAIL**  
Scale: 1 1/2" = 1'-0"



**SECTION A-A**  
Scale: 1 1/2" = 1'-0"

DESIGNED BY Robert E. Bolter  
DATE Aug. 1962  
CHECKED BY Richard Chwist  
DATE Aug. 1962

AT. S. I. RECORDS CENTRE