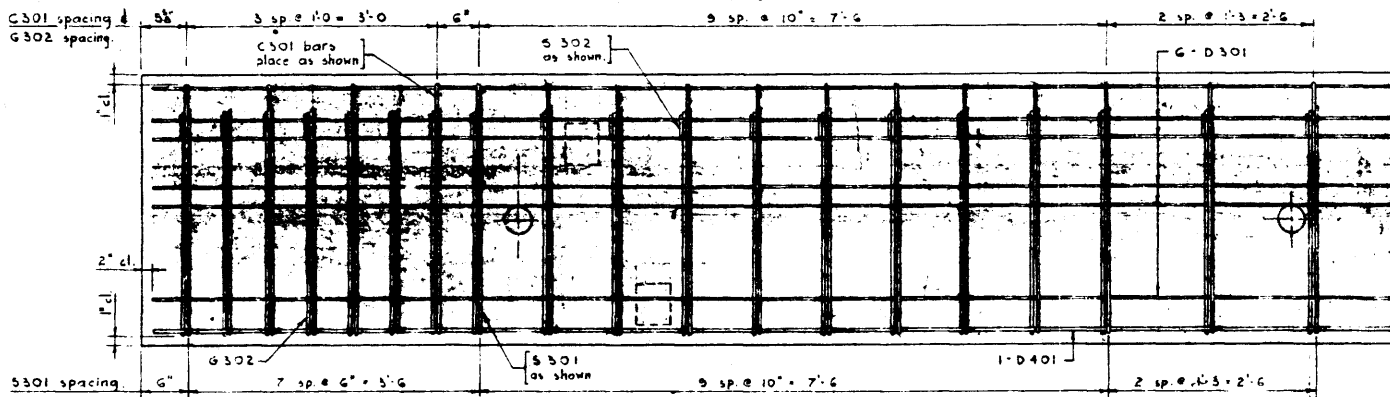
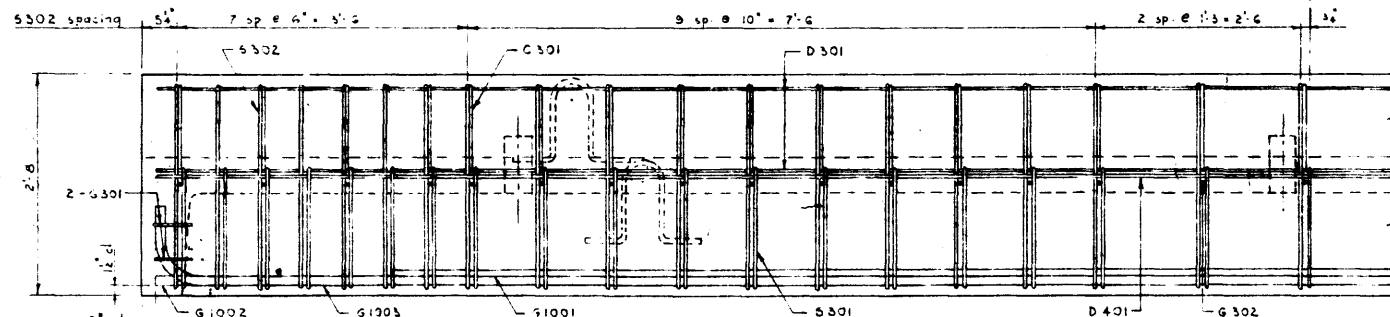


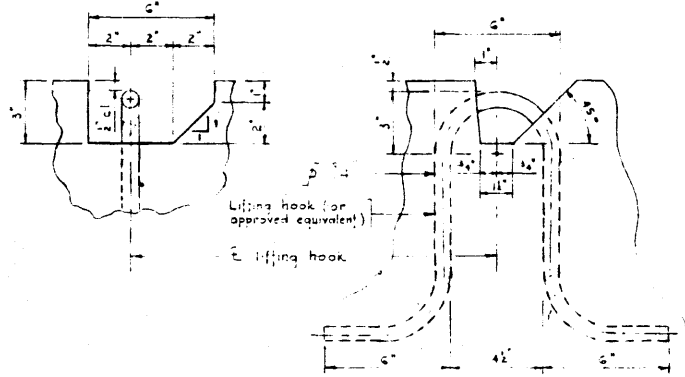
PLAN
Scale: 1" = 1'-0"



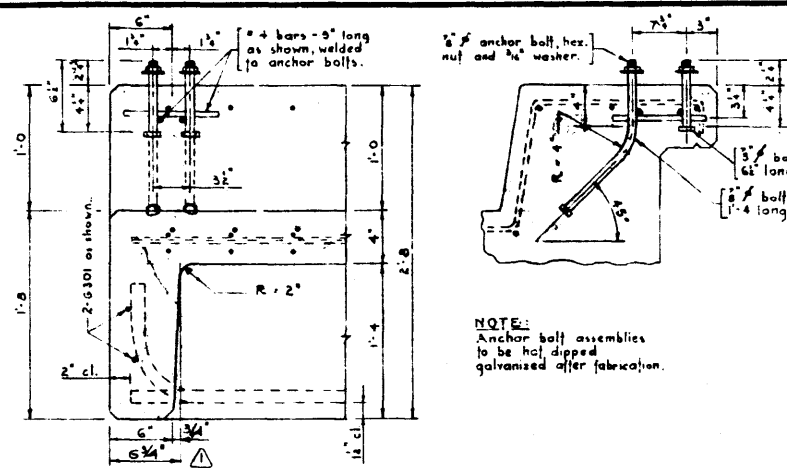
REINFORCEMENT PLAN
Scale: 1" = 1'-0"



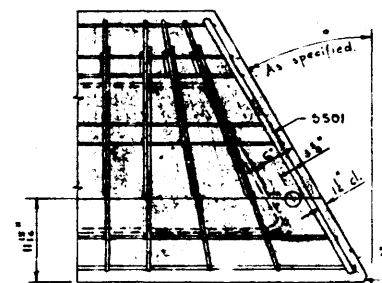
REINFORCEMENT ELEVATION
Scale: 1" = 1'-0"



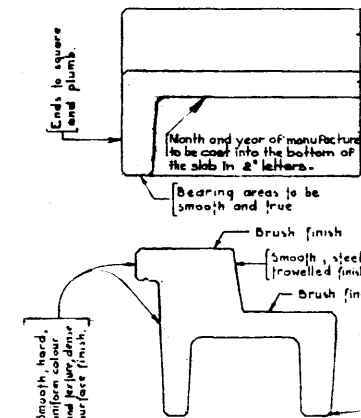
LIFTING HOOK POCKET DETAILS
Scale: 3" = 1'-0"



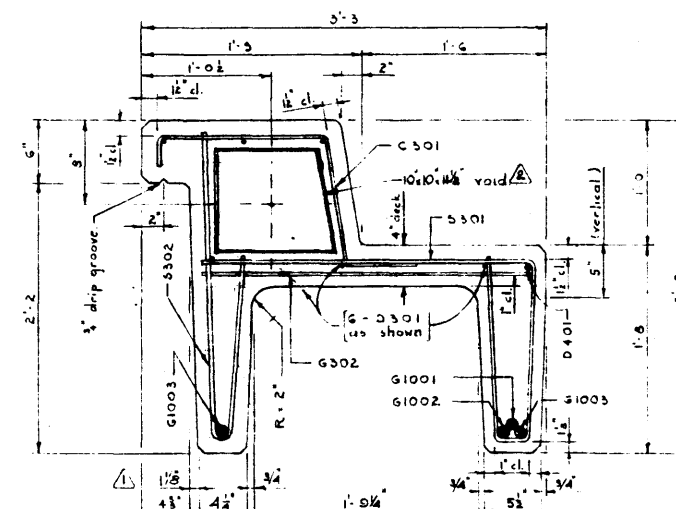
ANCHOR BOLT DETAILS
Scale: 1/2" = 1'-0"



SKUEW STRINGER
Scale: 1" = 1'-0"



STRINGER FINISHES
Scale: 1/2" = 1'-0"



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

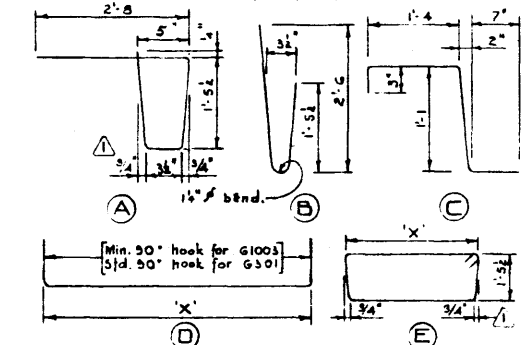
BAR LIST

| Mark | Size | No. | Type | X' | Length | Weight |
|--------|------|-----|------|-------|--------|--------|
| S 301 | 3 | 37 | A | | 6'-0 | 83 |
| S 302 | 1 | 37 | B | | 4'-1 | 57 |
| C 301 | 1 | 31 | C | | 3'-3 | 38 |
| G 301 | 4 | 4 | D | 2'-7 | 3'-6 | 5 |
| G 302 | 7 | 31 | S/R | | 2'-8 | 31 |
| D 301 | 3 | 6 | I | | 27'-8 | 62 |
| D 401 | 4 | 1 | I | | 27'-8 | 18 |
| G 1001 | 10 | 1 | I | | 27'-0 | 95 |
| G 1002 | 10 | 1 | S/R | | 27'-8 | 115 |
| G 1003 | 10 | 2 | D | 27'-8 | 29'-1 | 250 |
| S 501 | 5 | 2 | E | | | |

* For skewed stringer only. Total lbs. 758

BAR TYPES

(All bar dimensions are in to out.) N.T.S.



GENERAL NOTES

- DESIGN:**
- A.A.S.H.O. 1987 where applicable.
 - Loading H20-S16-44 full dead load.
- MATERIALS:**
- All concrete materials shall conform to A.S.T.M. specifications.
 - Concrete shall be of light weight aggregate with max. size of 1/2". Min. compressive strength shall be 4,500 p.s.i. at 28 days. Entrapped air shall fall between the limits of 3-5%.
 - Reinforcing steel shall be of intermediate grade conforming to the C.S.A. specifications G30.1-1954 or G30.2-1954 and deformed steel to conform to G30.6-1954.

- FABRICATION**
- Concrete must reach 50% of the required 28 day compressive strength before stripping and lifting.
 - Concrete must reach 65% of the required 28 day compressive strength before shipping.
 - Each girder shall have a poured camber of 1/8".
 - All acute corners on skewed girders to have 3/8" chamfer.
 - Diameters of all bends shall conform to the recommended minimum 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.
 - Concrete test cylinders shall be tested by an independent testing laboratory. Copies of all test results shall be forwarded to the Bridge Branch.
 - Tests shall be taken at the rate of one cylinder for each two stringers with not less than two cylinders for each day's pouring.
 - All stringers used on main highways shall have standard weight concrete.
 - Allowance has been made for 25 p.s.f. wearing surface on standard weight stringers.

Estimated Weight per unit 10,200 lbs

**PRECAST CONCRETE
28 FT SPAN TYPE "H"
CURB STRINGER**



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

| | | | |
|----------|----------|----------|----------|
| FILE NO. | HWY. NO. | DATE | DWG. NO. |
| | | | 5737 |
| LOCATION | SCALE | SHEET OF | |
| | Shown | | |

| NO. | DATE | DESCRIPTION | BY |
|-----|--------------|---|------|
| 1 | Dec 15 '61 | Tie was tack up | R.E. |
| 2 | Mar 25 '61 | Reds camber and drain dimensions | Chy |
| 3 | March 15 '61 | Dimensions Section A-A, Bar 'A' and 'E' | Chy |

DESIGNED BY: Robert L. Daller, January 18 '61
 DATE: 7 February 1961
 CHECKED BY: R.E.B., Feb 1961