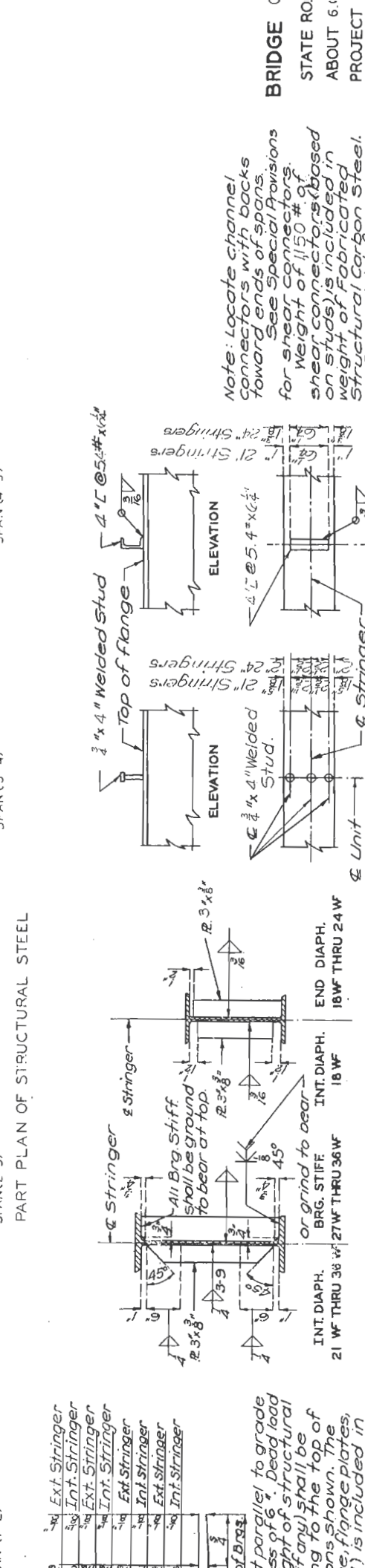
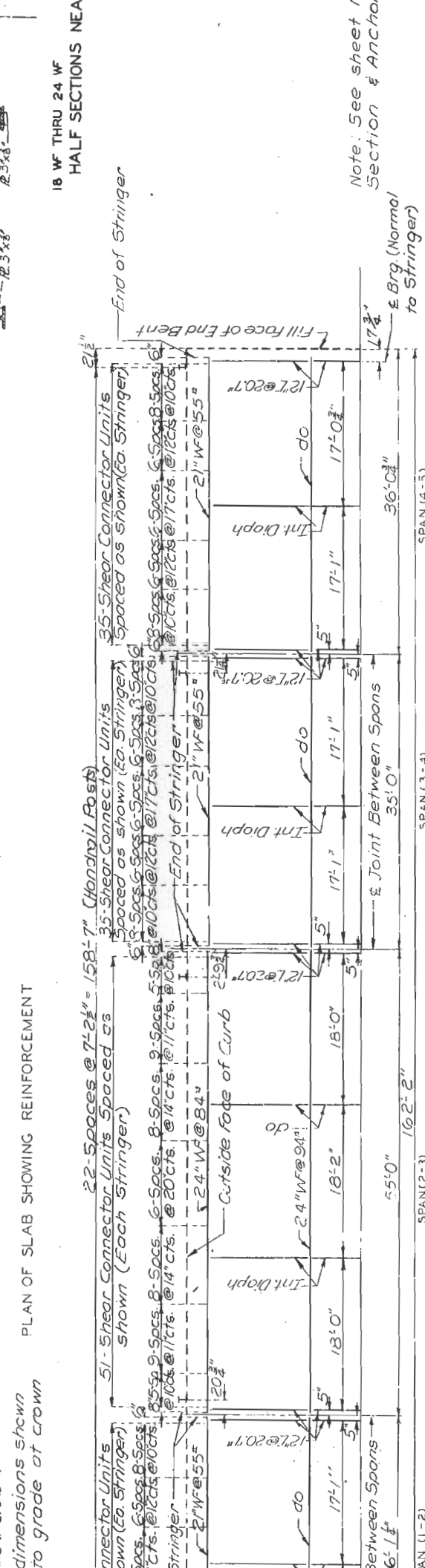
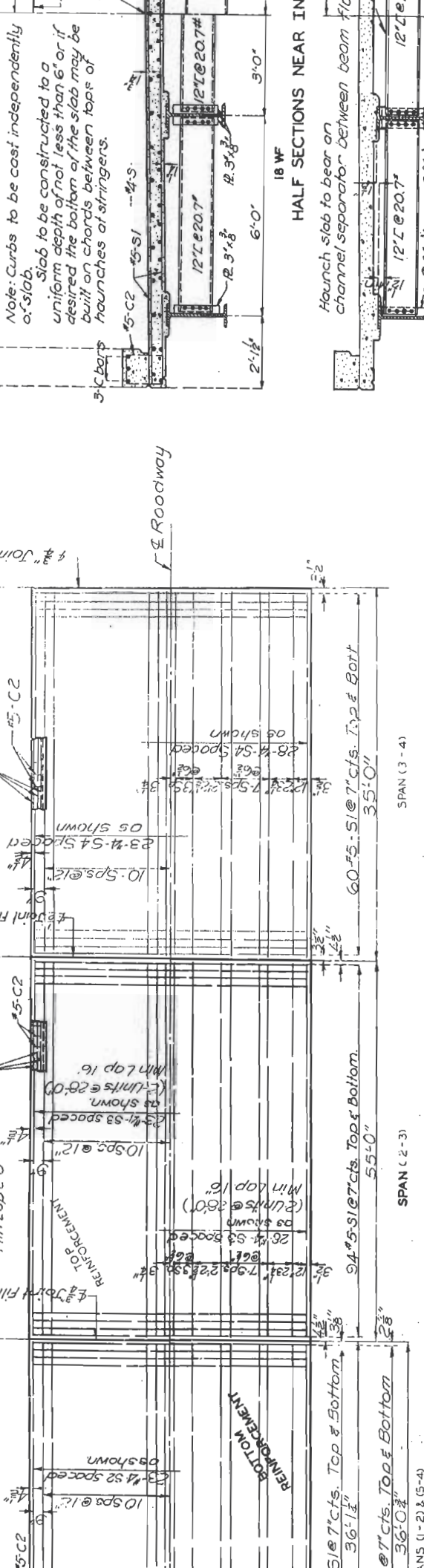


[illegible]

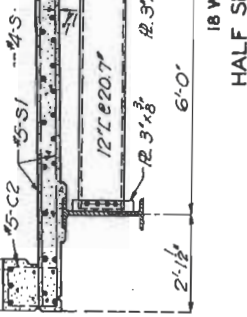
BRIDGE OVER
STATE ROAD
ABOUT 6.0 M
PROJECT NO.

RECEIVED

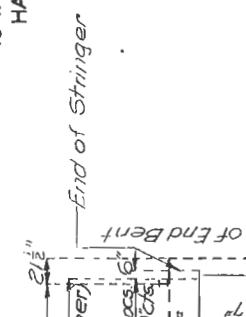


Note: Curbs to be cast independently of slab.

Slab to be constructed to a uniform depth of not less than 6" or if desired the bottom of the slab may be built on chords between tops of haunches of stringers.



18 WF THRU 24 WF
HALF SECTIONS NEAR



18 WF THRU 24 WF
HALF SECTIONS NEAR



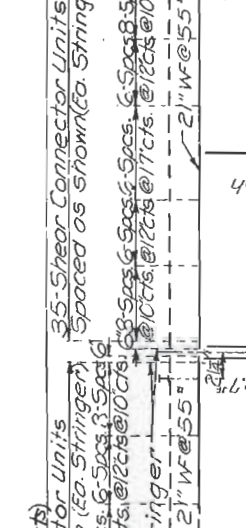
18 WF THRU 24 WF
HALF SECTIONS NEAR

Note: Curbs to be cast independently of slab.

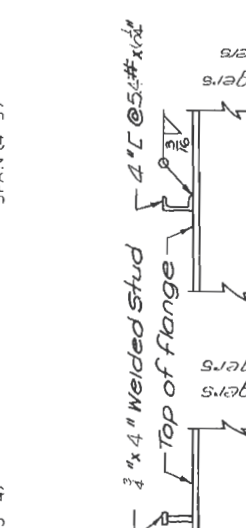
Slab to be constructed to a uniform depth of not less than 6" or if desired the bottom of the slab may be built on chords between tops of haunches of stringers.



18 WF THRU 24 WF
HALF SECTIONS NEAR



18 WF THRU 24 WF
HALF SECTIONS NEAR



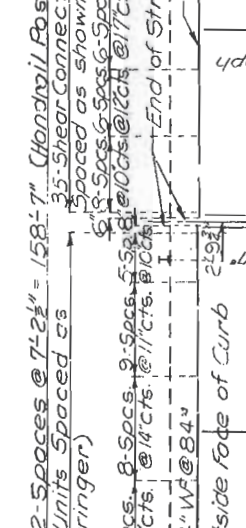
18 WF THRU 24 WF
HALF SECTIONS NEAR

Note: Curbs to be cast independently of slab.

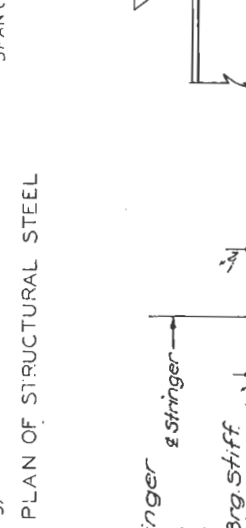
Slab to be constructed to a uniform depth of not less than 6" or if desired the bottom of the slab may be built on chords between tops of haunches of stringers.



18 WF THRU 24 WF
HALF SECTIONS NEAR



18 WF THRU 24 WF
HALF SECTIONS NEAR



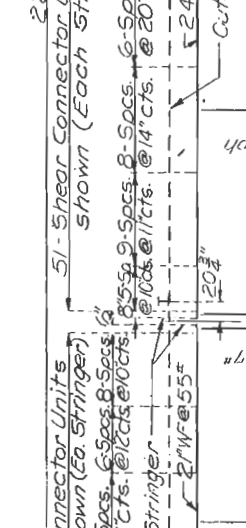
18 WF THRU 24 WF
HALF SECTIONS NEAR

Note: Curbs to be cast independently of slab.

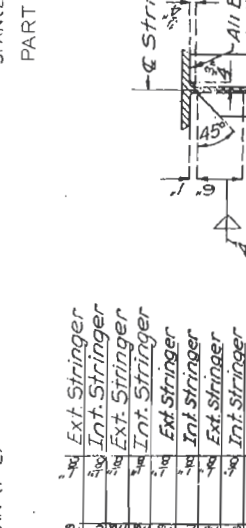
Slab to be constructed to a uniform depth of not less than 6" or if desired the bottom of the slab may be built on chords between tops of haunches of stringers.



18 WF THRU 24 WF
HALF SECTIONS NEAR



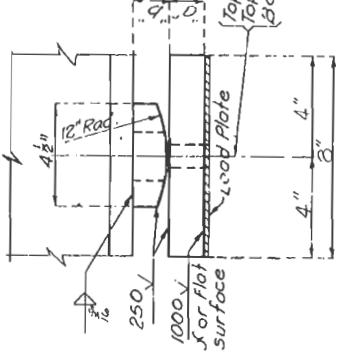
18 WF THRU 24 WF
HALF SECTIONS NEAR



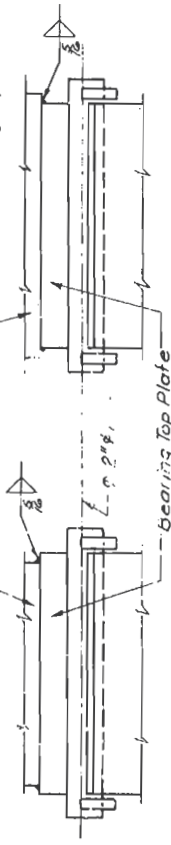
18 WF THRU 24 WF
HALF SECTIONS NEAR



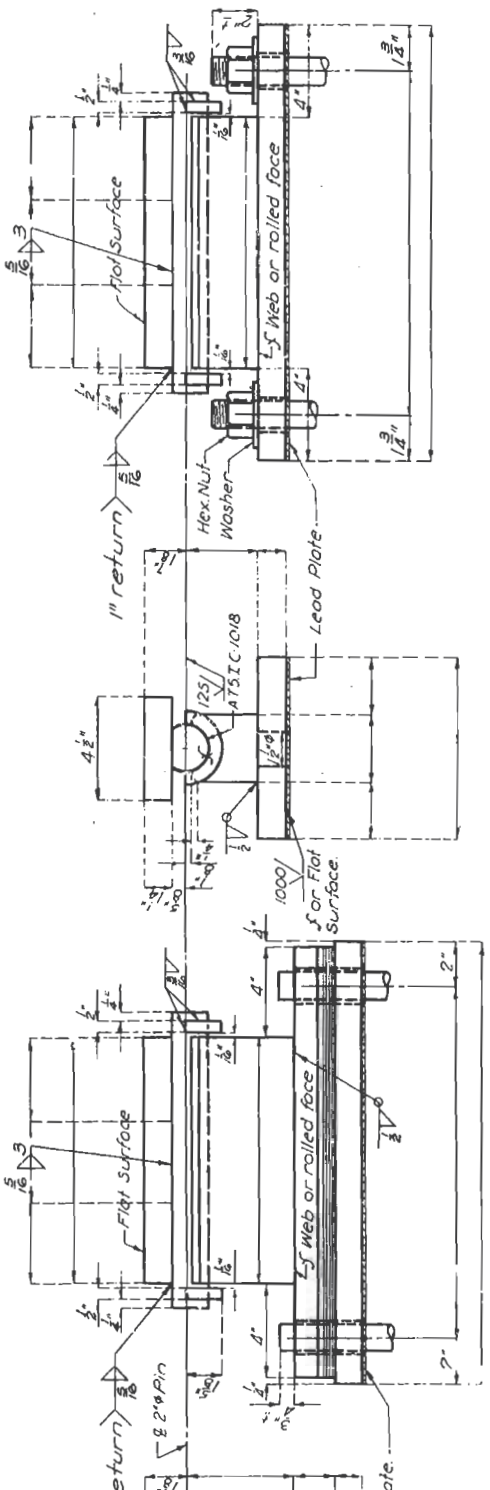
ANCHOR BOLT PRO



END ELEVATION



WELDING DETAILS



EXPANSION

FIXED

Required : 4 - Fixed Bearings
4 - Expansion Bearings
12 - Fixed Bearings
12 - Expansion Bearings
TYPE "C" BEARINGS
(Estimated Weight 1600 lbs)

NOTES: TYPE "C" BEARINGS

Anchor Bolts for Type "C" Bearings shall be 10" long with no heads or nuts. Top of Anchor Bolts shall be approximately 1/4" below top of bearing.

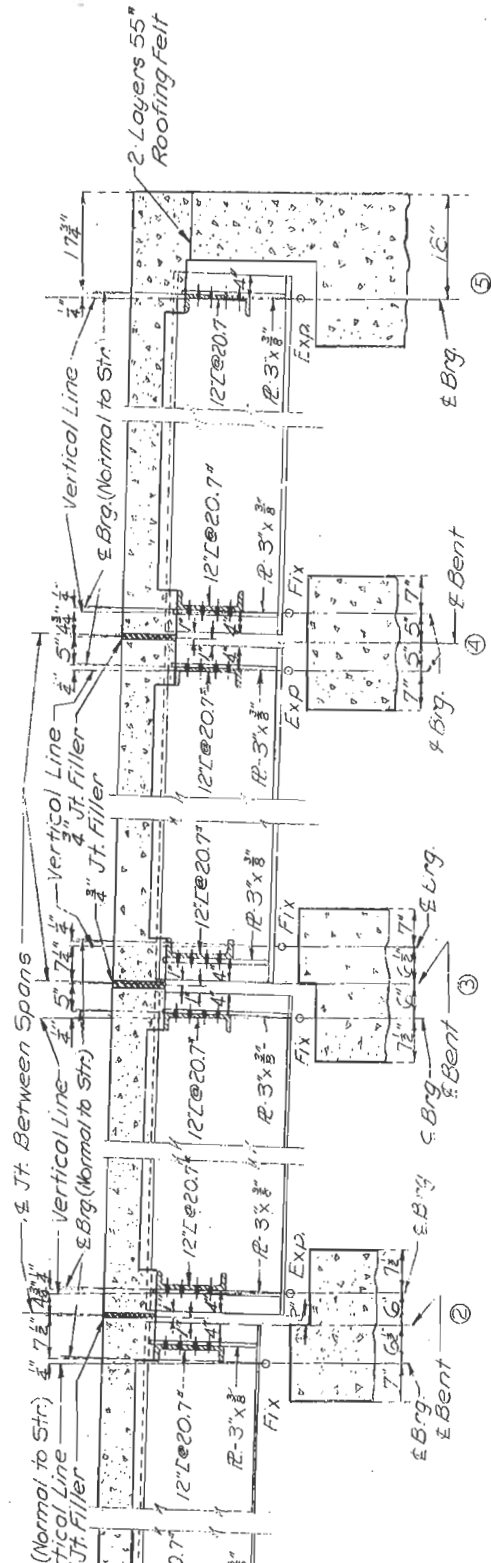
NOTES: TYPE "D" BEARINGS

Anchor Bolts for Type "D" Bearings shall be 10" long with no heads or nuts. Top of Anchor Bolts shall be approximately 1/4" below top of bearing.

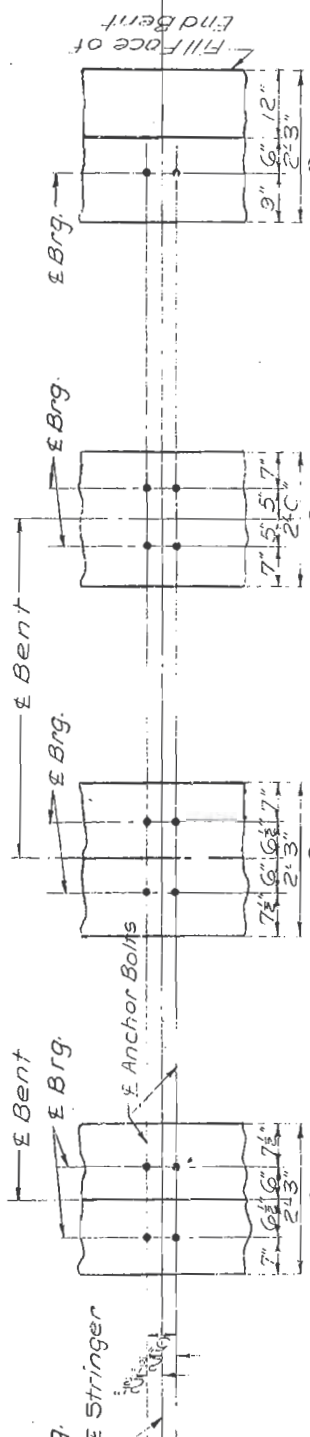
GENERAL NOTES:

Lead plates under bearings shall be 4" x 4" x 1/2" and weight 8 #/sq. ft. Cost of lead plates bid for other items.

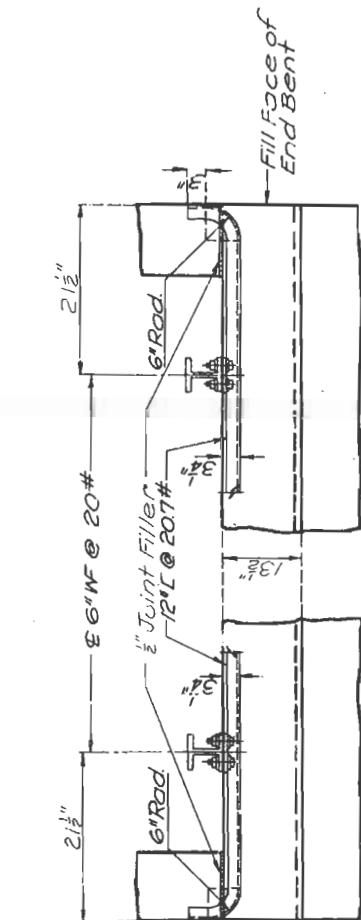
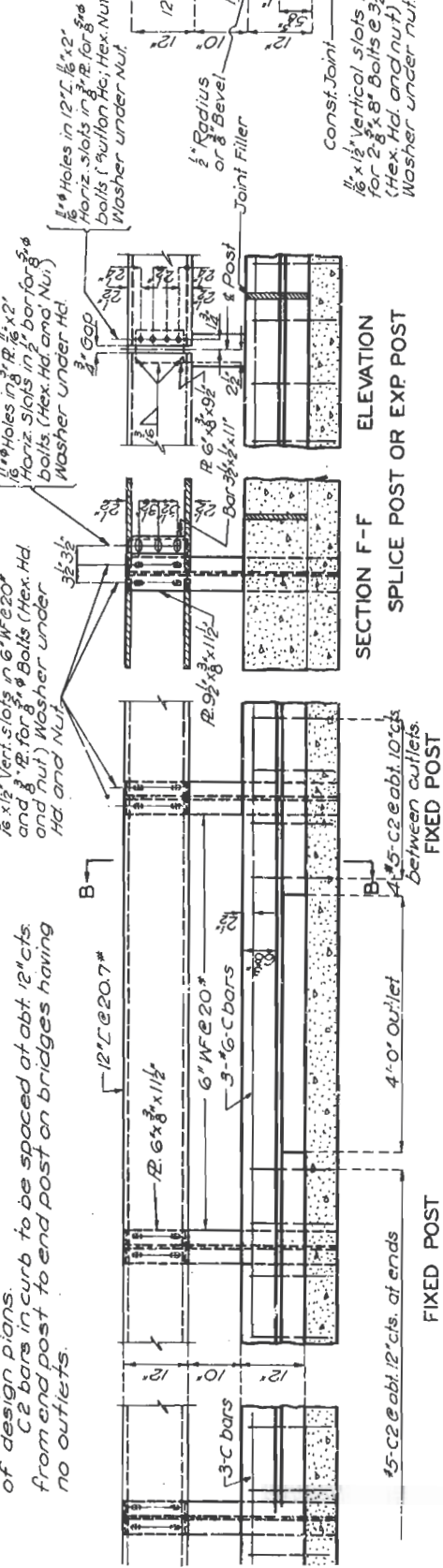
"Estimated Weight" does not include



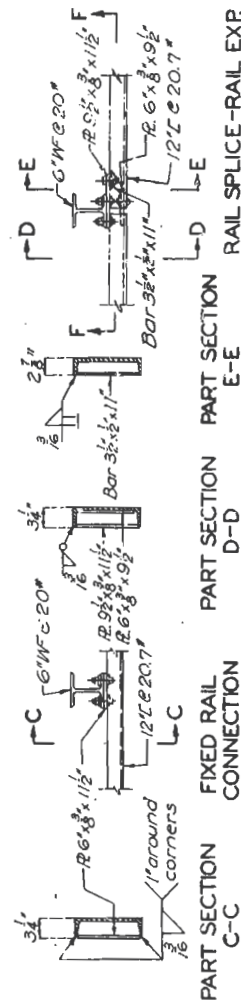
PART LONGITUDINAL SECTION



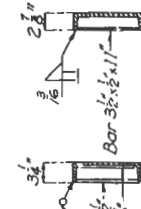
of design plans.
C2 bars in curb to be spaced at abt 12" cts.
from end post to end post on bridges having
no outlets.



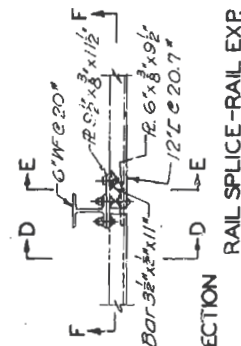
PLAN OF RAIL AT END BENTS



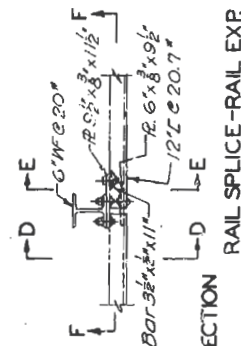
PART SECTION C-C
FIXED RAIL CONNECTION



PART SECTION D-D
SPLICE POST OR EXP POST



PART SECTION E-E
SPLICE POST OR EXP POST



PART SECTION F-F
SPLICE POST OR EXP POST

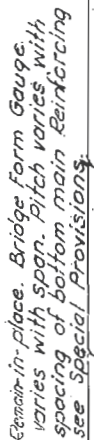
GENERAL
Top of
to grade
G.W.
grade
12" L x 20.7"
horizontal

Note: Channel I
alignment by
between 6" W x 8"
thickness, 10 b
Cost of shims

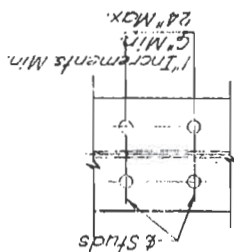


Note: Use L
filled joints
Use edging
roadway
with joint

DETAILS



SECTION A-A

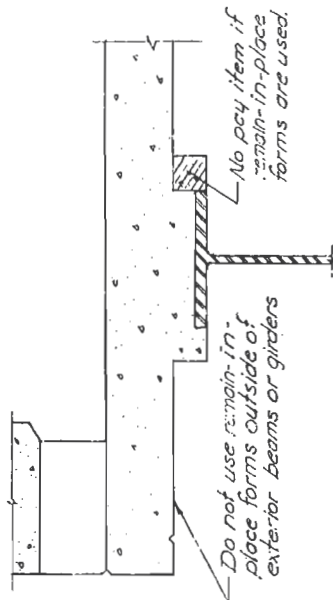


Stud Dia.	Size of Channel (in inches) Equivalent to one Stud Conn.
1/2"	1/2" x 5/8"
3/4"	1/2" x 1"
7/8"	1/2" x 1 1/8"
1"	1/2" x 1 1/4"
1 1/8"	1/2" x 1 3/8"
1 1/4"	1/2" x 1 1/2"
1 1/2"	1/2" x 1 3/4"
1 3/4"	1/2" x 2"
2"	1/2" x 2 1/4"
2 1/4"	1/2" x 2 1/2"
2 1/2"	1/2" x 2 3/4"
2 3/4"	1/2" x 3"
3"	1/2" x 3 1/4"
3 1/4"	1/2" x 3 1/2"
3 1/2"	1/2" x 3 3/4"
3 3/4"	1/2" x 4"
4"	1/2" x 4 1/4"
4 1/4"	1/2" x 4 1/2"
4 1/2"	1/2" x 4 3/4"
4 3/4"	1/2" x 5"
5"	1/2" x 5 1/4"
5 1/4"	1/2" x 5 1/2"
5 1/2"	1/2" x 5 3/4"
5 3/4"	1/2" x 6"
6"	1/2" x 6 1/4"
6 1/4"	1/2" x 6 1/2"
6 1/2"	1/2" x 6 3/4"
6 3/4"	1/2" x 7"
7"	1/2" x 7 1/4"
7 1/4"	1/2" x 7 1/2"
7 1/2"	1/2" x 7 3/4"
7 3/4"	1/2" x 8"
8"	1/2" x 8 1/4"
8 1/4"	1/2" x 8 1/2"
8 1/2"	1/2" x 8 3/4"
8 3/4"	1/2" x 9"
9"	1/2" x 9 1/4"
9 1/4"	1/2" x 9 1/2"
9 1/2"	1/2" x 9 3/4"
9 3/4"	1/2" x 10"
10"	1/2" x 10 1/4"
10 1/4"	1/2" x 10 1/2"
10 1/2"	1/2" x 10 3/4"
10 3/4"	1/2" x 11"
11"	1/2" x 11 1/4"
11 1/4"	1/2" x 11 1/2"
11 1/2"	1/2" x 11 3/4"
11 3/4"	1/2" x 12"
12"	1/2" x 12 1/4"
12 1/4"	1/2" x 12 1/2"
12 1/2"	1/2" x 12 3/4"
12 3/4"	1/2" x 13"
13"	1/2" x 13 1/4"
13 1/4"	1/2" x 13 1/2"
13 1/2"	1/2" x 13 3/4"
13 3/4"	1/2" x 14"
14"	1/2" x 14 1/4"
14 1/4"	1/2" x 14 1/2"
14 1/2"	1/2" x 14 3/4"
14 3/4"	1/2" x 15"
15"	1/2" x 15 1/4"
15 1/4"	1/2" x 15 1/2"
15 1/2"	1/2" x 15 3/4"
15 3/4"	1/2" x 16"
16"	1/2" x 16 1/4"
16 1/4"	1/2" x 16 1/2"
16 1/2"	1/2" x 16 3/4"
16 3/4"	1/2" x 17"
17"	1/2" x 17 1/4"
17 1/4"	1/2" x 17 1/2"
17 1/2"	1/2" x 17 3/4"
17 3/4"	1/2" x 18"
18"	1/2" x 18 1/4"
18 1/4"	1/2" x 18 1/2"
18 1/2"	1/2" x 18 3/4"
18 3/4"	1/2" x 19"
19"	1/2" x 19 1/4"
19 1/4"	1/2" x 19 1/2"
19 1/2"	1/2" x 19 3/4"
19 3/4"	1/2" x 20"
20"	1/2" x 20 1/4"
20 1/4"	1/2" x 20 1/2"
20 1/2"	1/2" x 20 3/4"
20 3/4"	1/2" x 21"
21"	1/2" x 21 1/4"
21 1/4"	1/2" x 21 1/2"
21 1/2"	1/2" x 21 3/4"
21 3/4"	1/2" x 22"
22"	1/2" x 22 1/4"
22 1/4"	1/2" x 22 1/2"
22 1/2"	1/2" x 22 3/4"
22 3/4"	1/2" x 23"
23"	1/2" x 23 1/4"
23 1/4"	1/2" x 23 1/2"
23 1/2"	1/2" x 23 3/4"
23 3/4"	1/2" x 24"
24"	1/2" x 24 1/4"
24 1/4"	1/2" x 24 1/2"
24 1/2"	1/2" x 24 3/4"
24 3/4"	1/2" x 25"
25"	1/2" x 25 1/4"
25 1/4"	1/2" x 25 1/2"
25 1/2"	1/2" x 25 3/4"
25 3/4"	1/2" x 26"
26"	1/2" x 26 1/4"
26 1/4"	1/2" x 26 1/2"
26 1/2"	1/2" x 26 3/4"
26 3/4"	1/2" x 27"
27"	1/2" x 27 1/4"
27 1/4"	1/2" x 27 1/2"
27 1/2"	1/2" x 27 3/4"
27 3/4"	1/2" x 28"
28"	1/2" x 28 1/4"
28 1/4"	1/2" x 28 1/2"
28 1/2"	1/2" x 28 3/4"
28 3/4"	1/2" x 29"
29"	1/2" x 29 1/4"
29 1/4"	1/2" x 29 1/2"

Note: This Table is based on stud connectors 1" or greater in length.

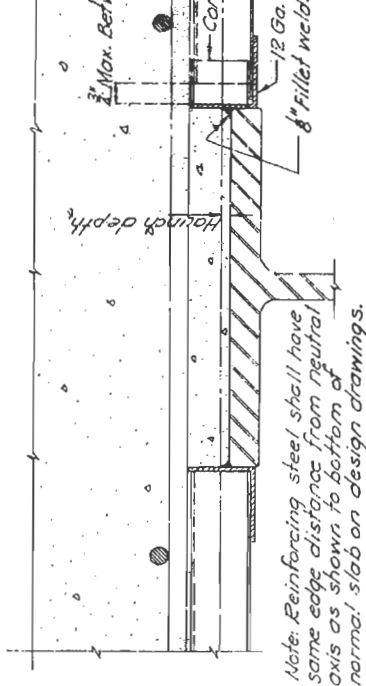
DETAILS OF SHEAR CONNECTORS

Note: If remain-in-place forms are used, shear connector spacings on plan of structural steel must be revised to give equivalent capacities.



DETAIL AT EXTERIOR STRINGER

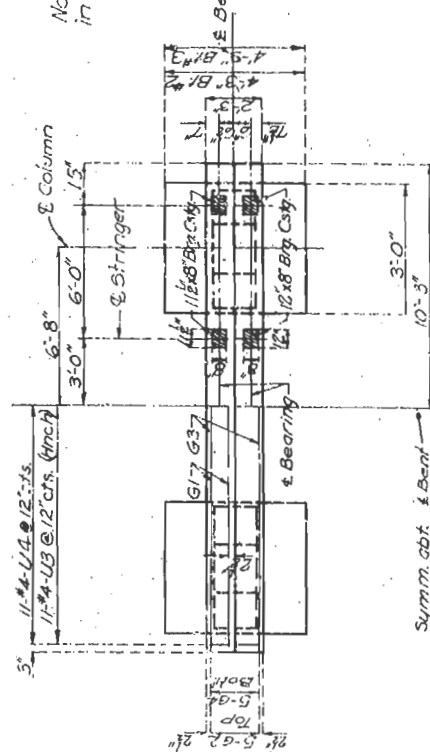
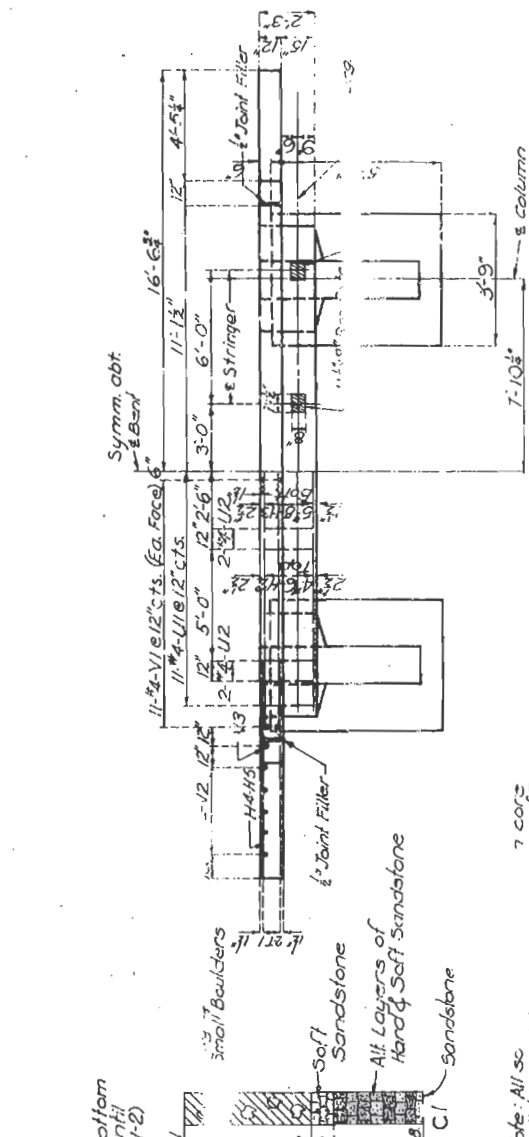
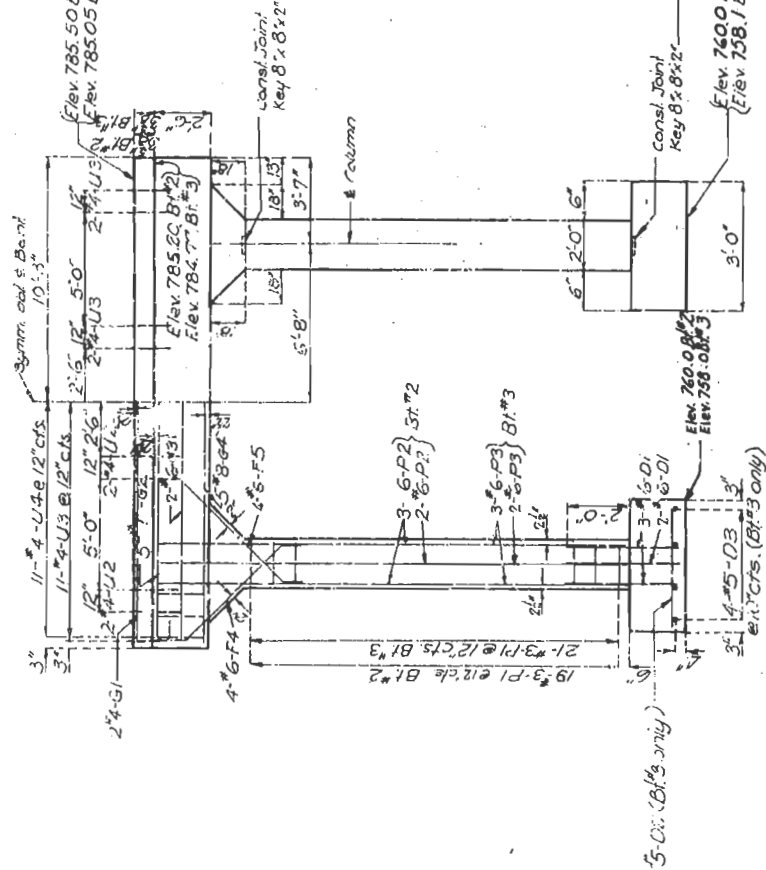
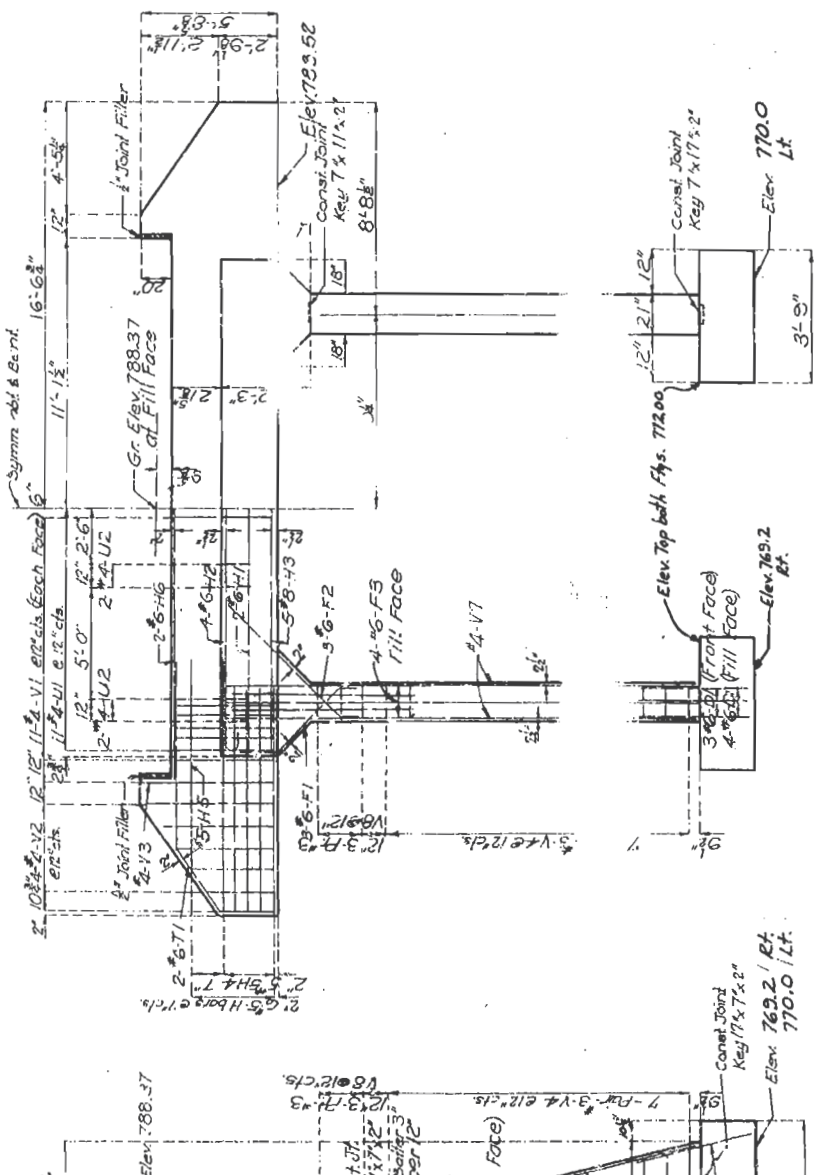
Payment will be made for Class B1 Concrete in place in the roadway slabs, on the basis of thickness specified on plans. No payment will be made for any excess thickness of slab used, or for any concrete in portions of haunches omitted because of the use of remain-in-place forms.



Note: Reinforcing steel shall have same edge distance from neutral axis as shown to bottom of normal slab on design drawings.

DETAIL AT SHALLOW HALINCH

GENERAL NOTE:
Remain in position to the support. Minimum diameter and at center of End supports shall be prior to placing Calcium chloride (salts) used with galvalume in order that can be correctly oriented. Corrugations shall



7 core
21 d7

note: All so
will to sea. Isha.
r location of some things

of Sandstone

PLAN

INT. Bent

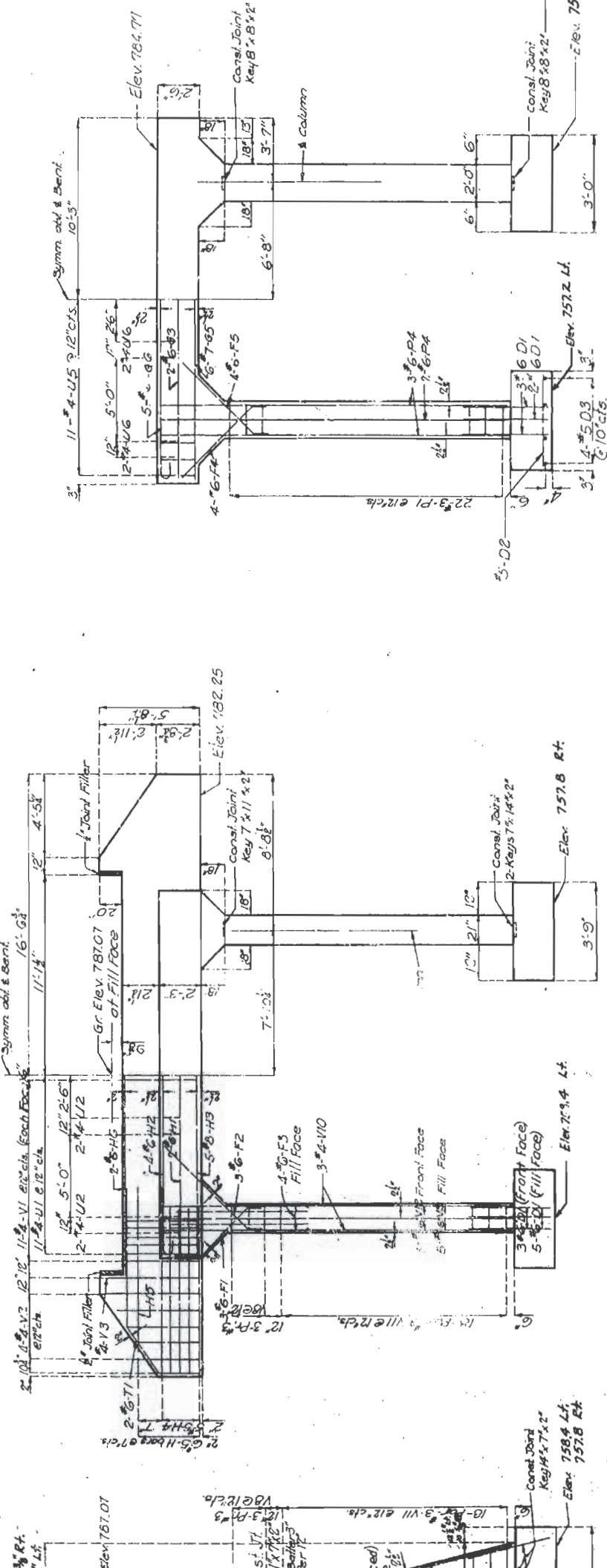
INT. Bent (or Bent ... or ... shown)

PLAN

BRIDGE C

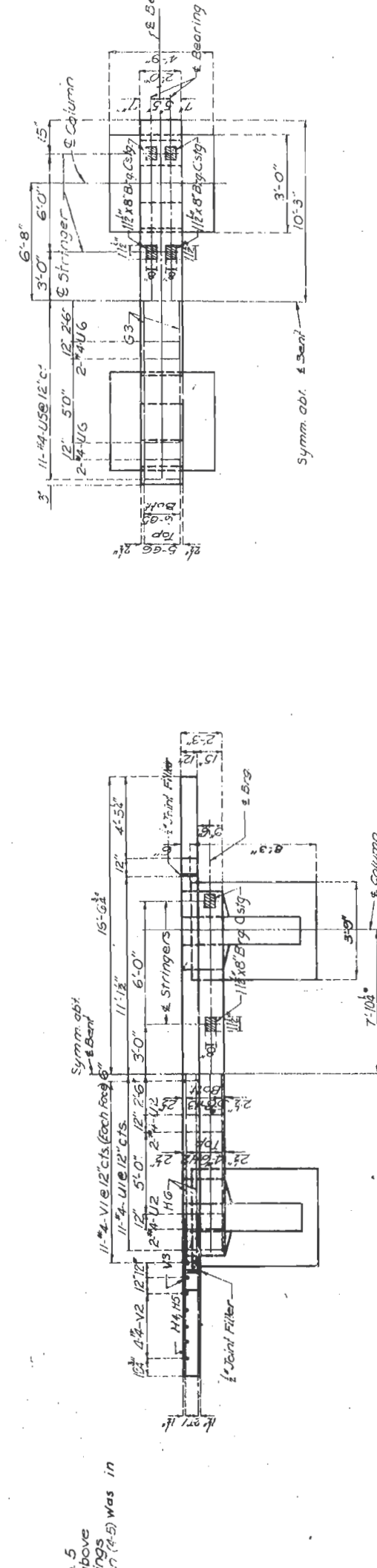
STATE ROAD
ABOUT 8.6 M

PROJECT NO.



ELEVATION

ELEVATION



ELEVATION

ELEVATION

DETAILS OF INT. BENT NO. 4

DETAILS OF INT. BENT NO. 4

BRIDGE O
STATE ROAD
ABOUT 3.0 N
PROJECT NO.

BRIDGE O
STATE ROAD
ABOUT 3.0 N
PROJECT NO.