

REVISED 4-17-66

- 1 - Change abutment contraction joint to construction joint.
- 2 - Add one additional post to metal beam bridge rail. This makes 8 spaces at 6'-3" instead of 7 spaces as shown on this sheet.
- 3 - Place posts sym. about \pm spec.

GENERAL NOTES

Design: AASHTO dated 1961 with revisions and as supplemented by Br. Plan. f. Design Man.

Live load: H 20 - S16 - 44 and alternate.

Design Stresses: $f_c = 1200$ psi

$f_s = 20,000$ psi reinforcement

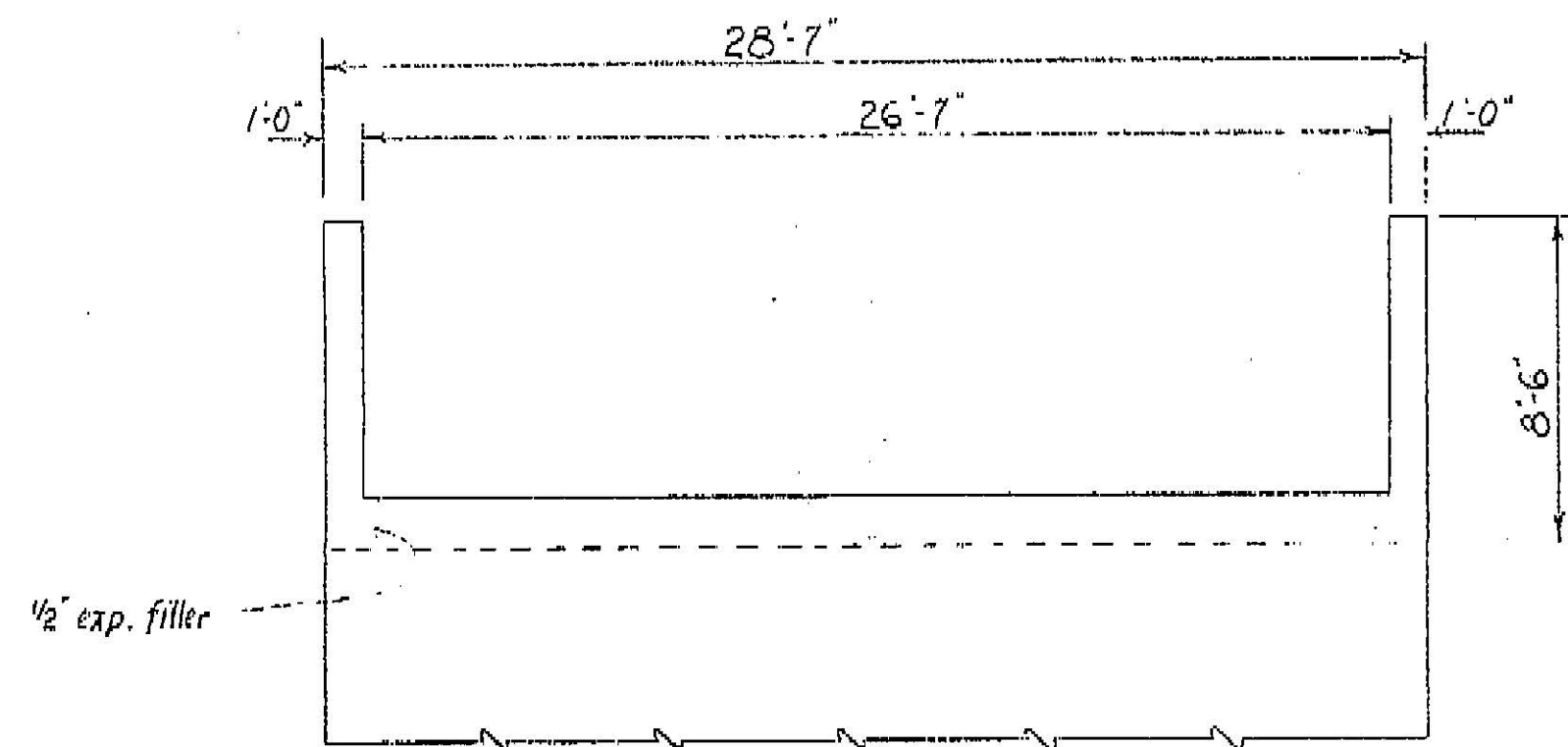
$f_s = 18,000$ psi structural

$n = 10$

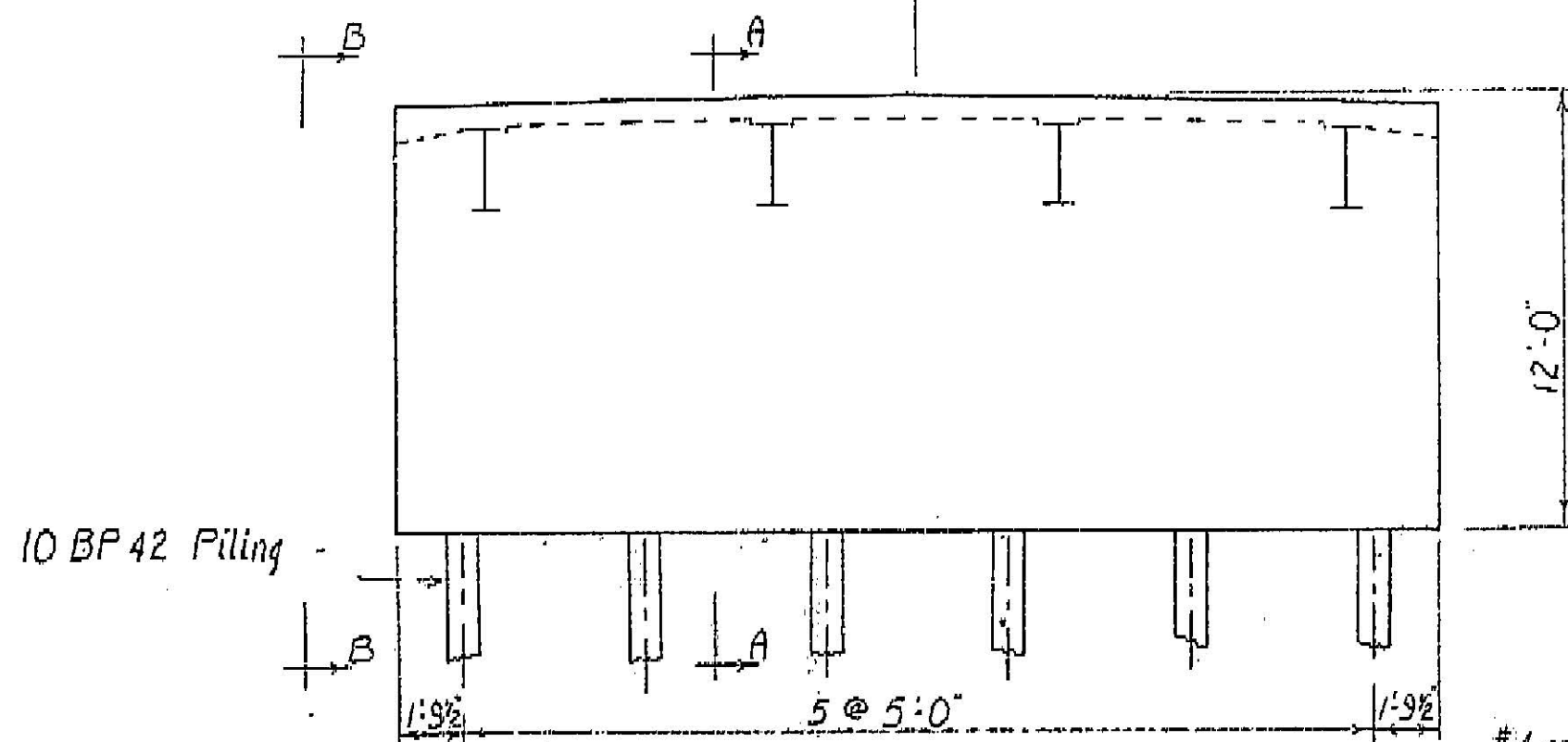
Piling: 10 BP 42 - 25 ton bearing

Revised from alternate
4/25/66
LW:vic

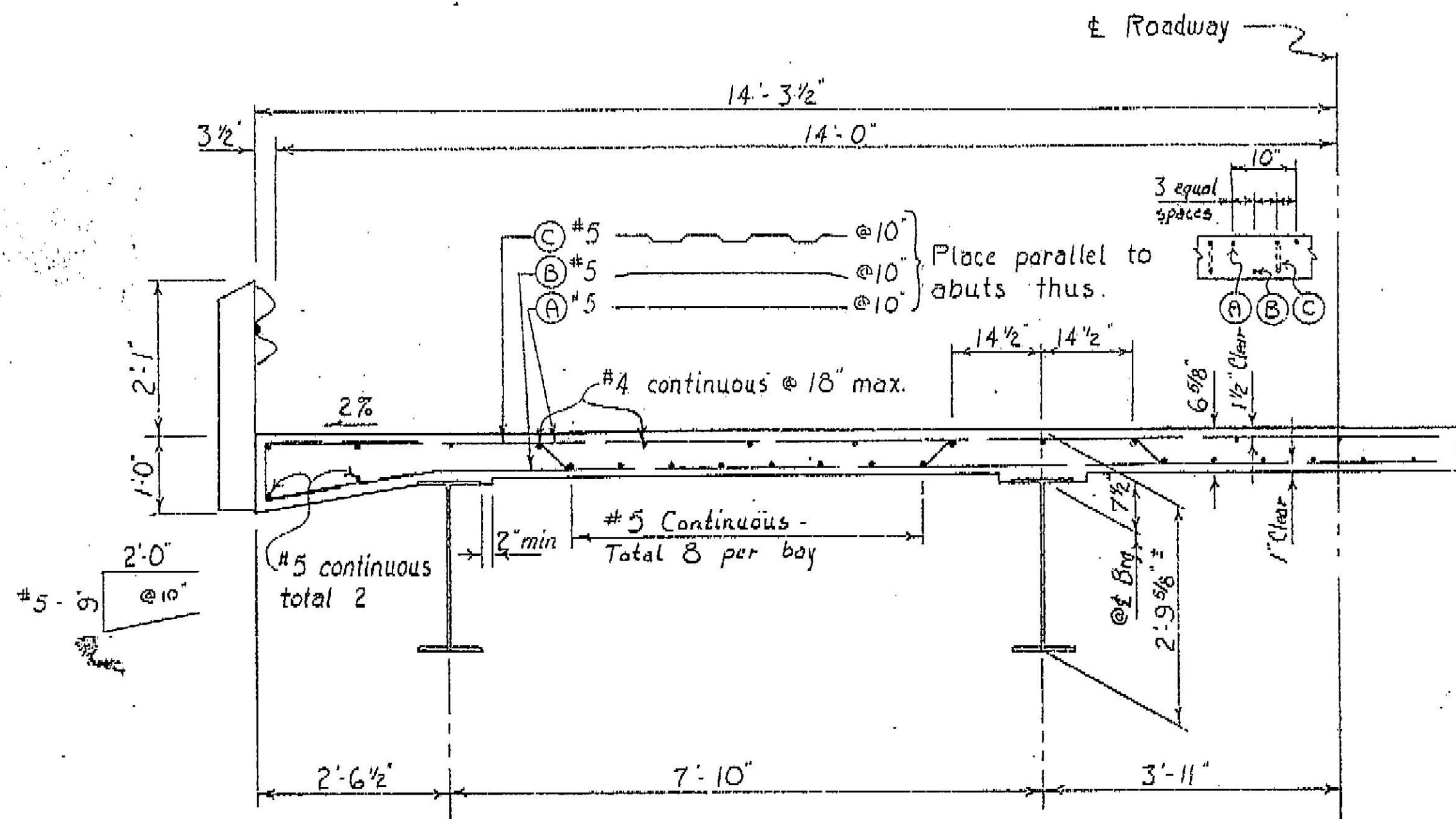
20-6
2-8
27-10
17
44-10
137



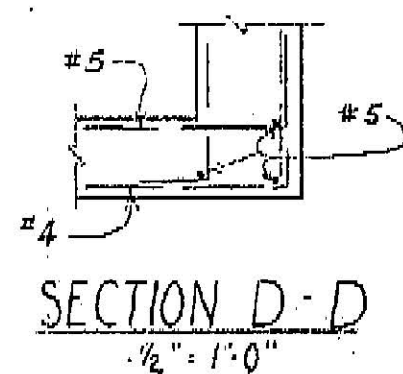
ABUT PLAN
1/2" = 1'-0"



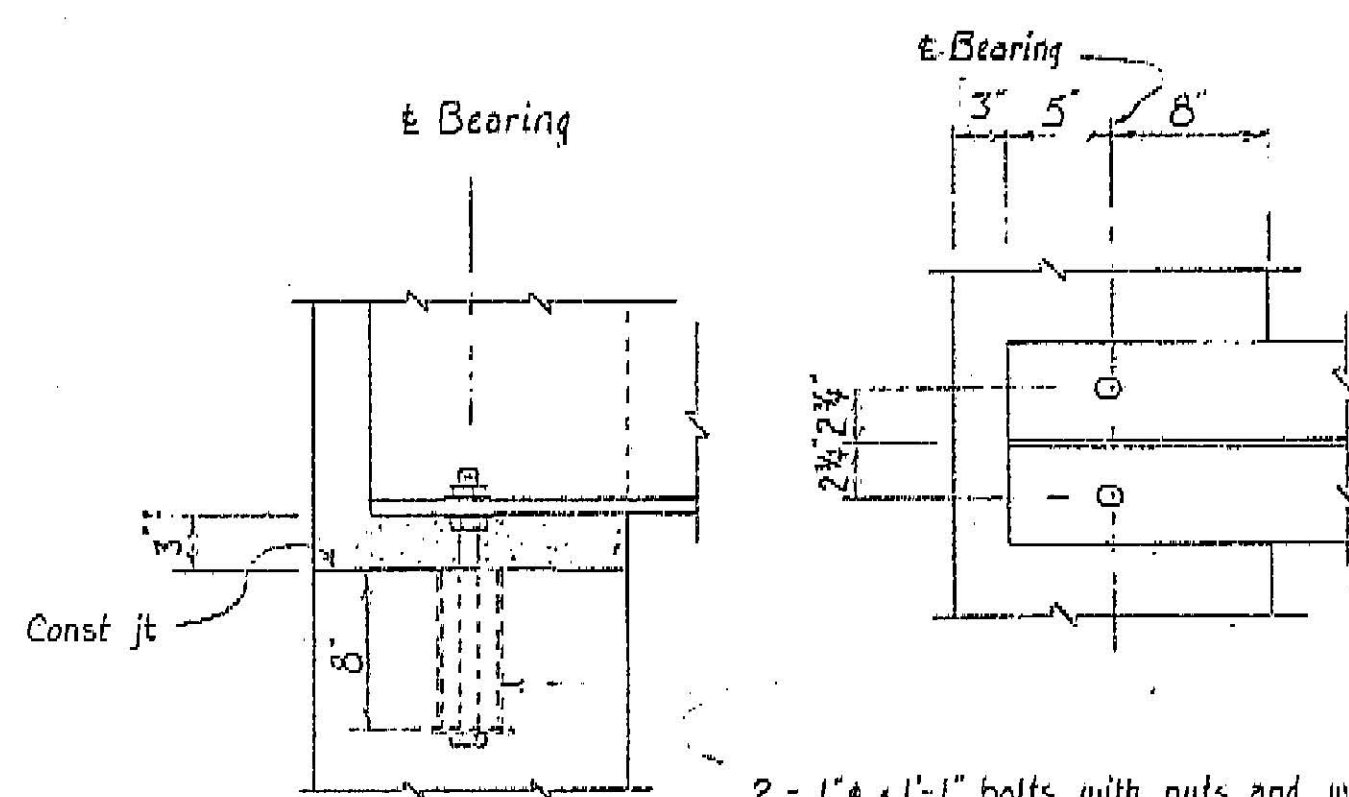
ABUT ELEV
1/4" = 1'-0"



TYPICAL DECK SECTION
3/4" = 1'-0"

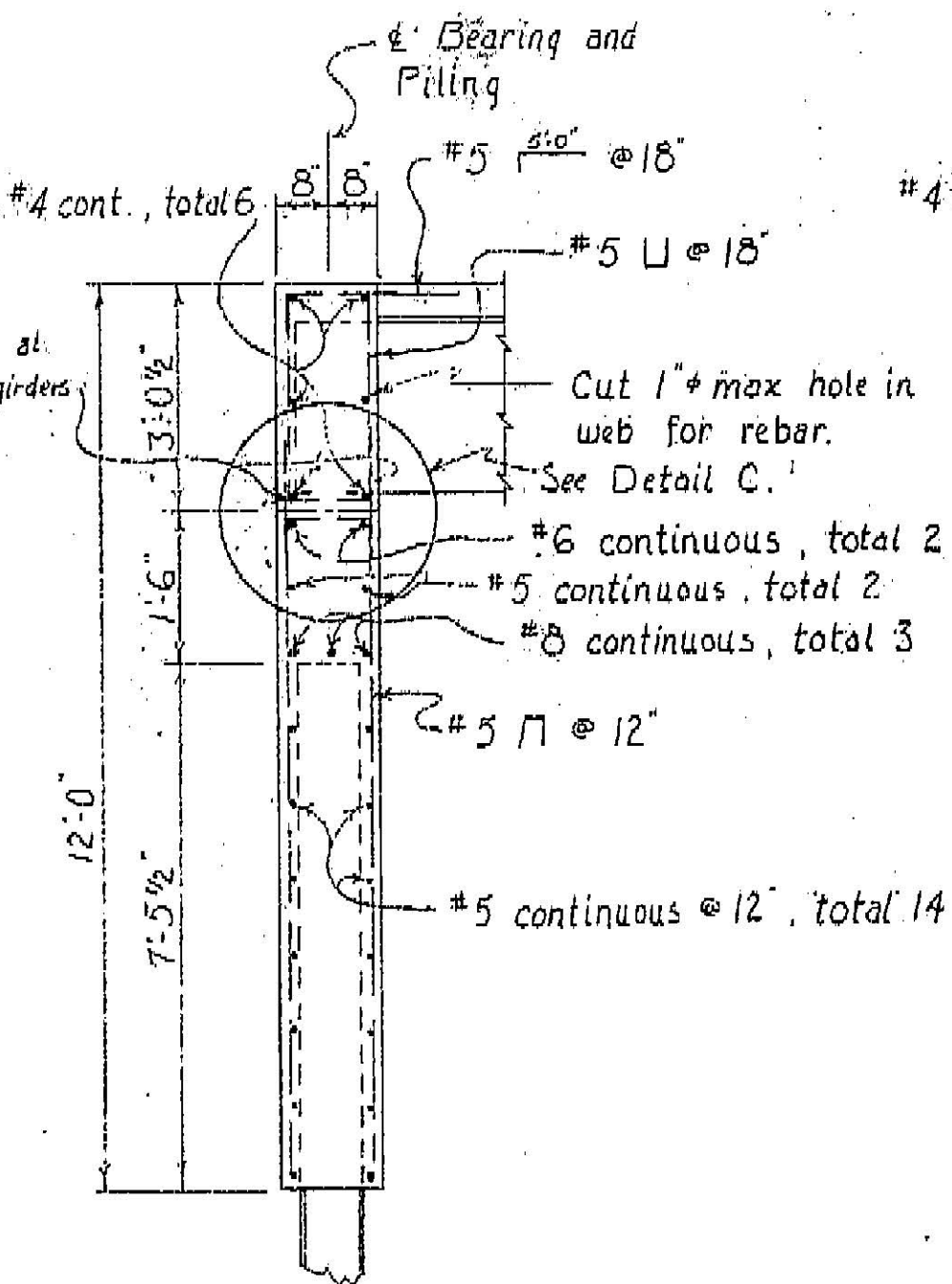


SECTION D-D
1/2" = 1'-0"

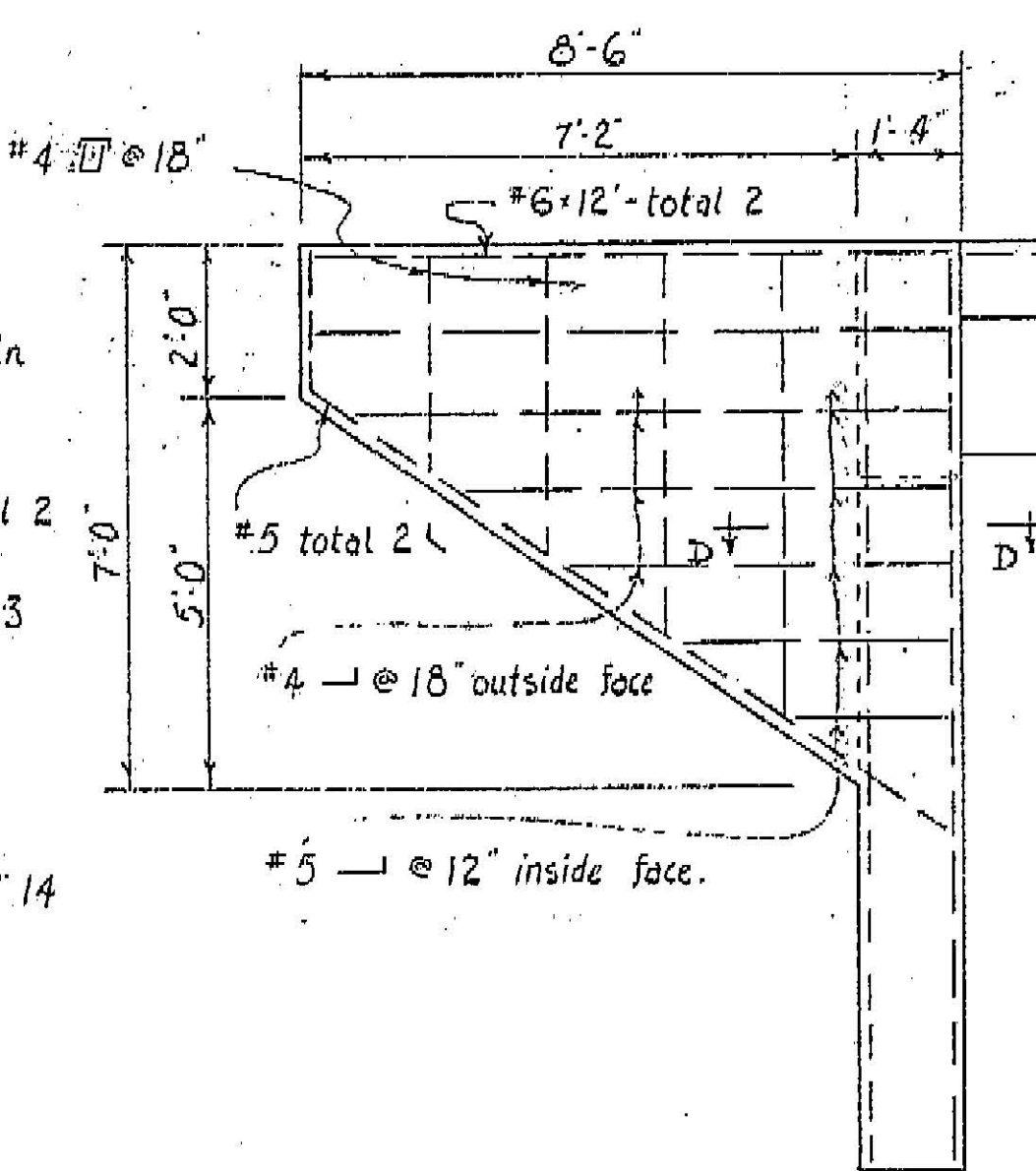


2-1/4" x 1-1/4" bolts, with nuts and washers, in 3" std pipe sleeve. Tack weld sleeve and bolt heads to spacer R. Grout sleeve and under girder before placing deck concrete.

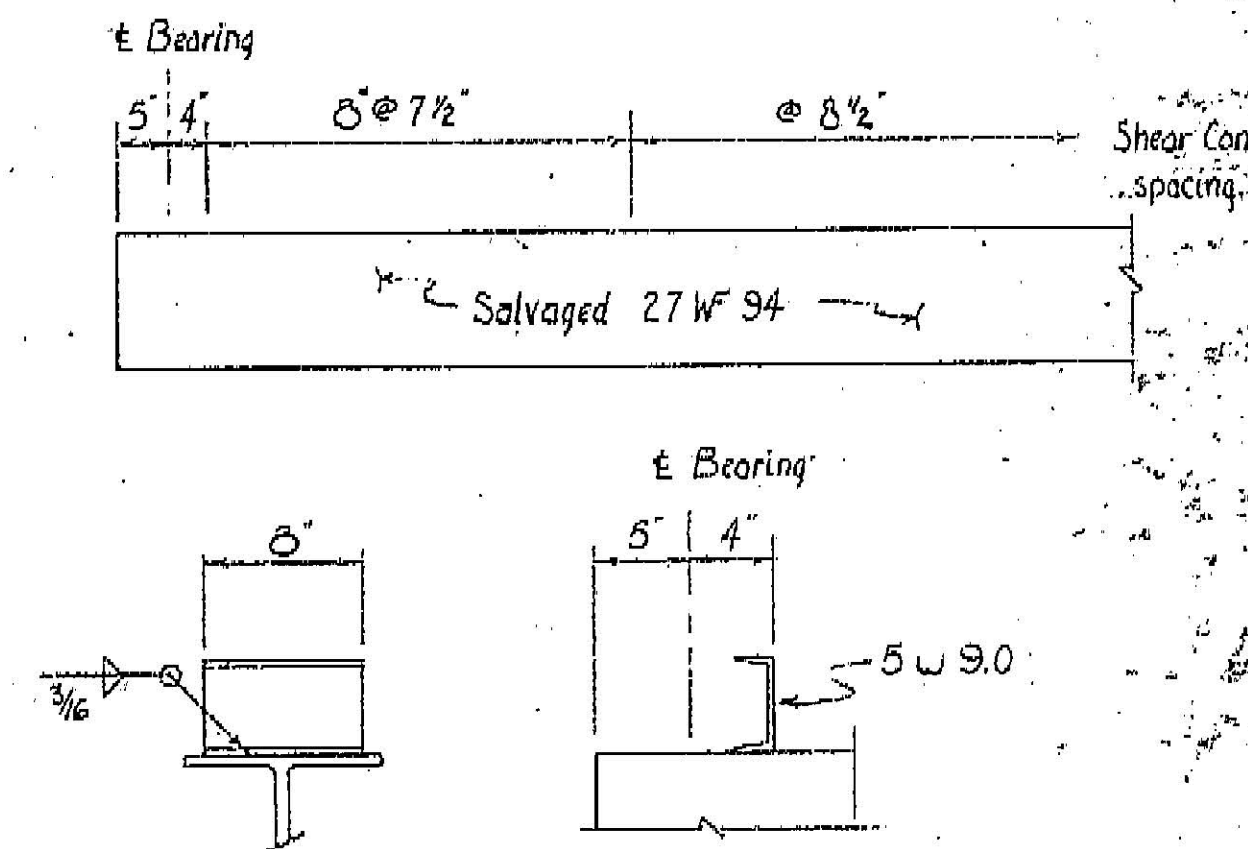
DETAIL C
1/2" = 1'-0"



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



SECTION B-B
1/2" = 1'-0"



SHEAR CONNECTOR DETAIL

no scale
Orient channel so that flanges point toward bearing.

Note: Backfill both abuts. equally. No backfill until concrete strength at least 3000 psi.