

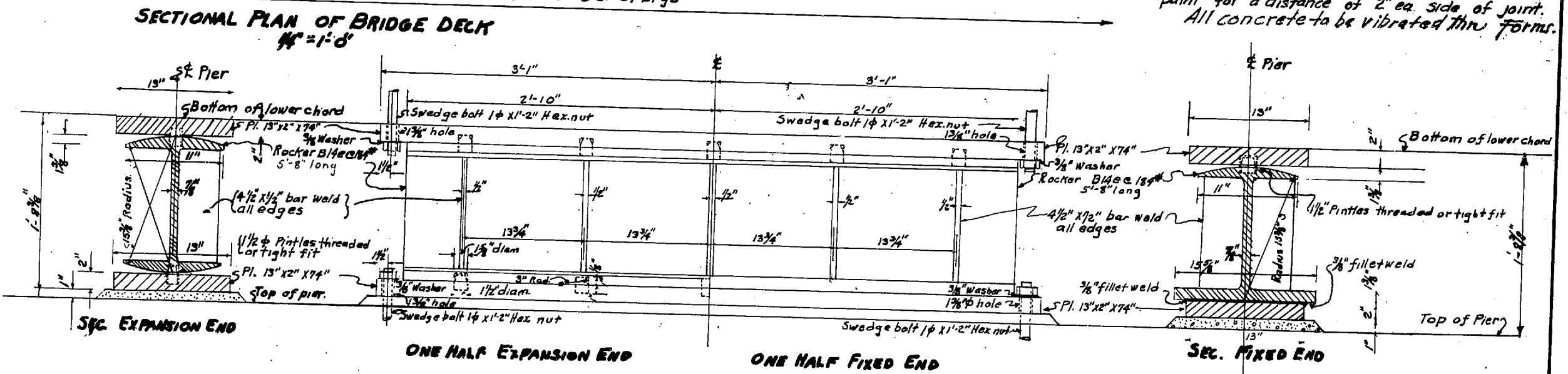
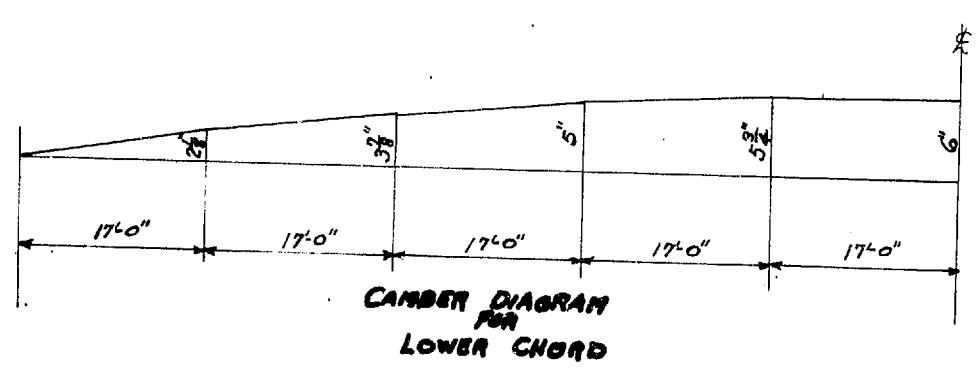
APPROXIMATE QUANTITIES TRUSS SPAN

Concrete Class "A"	358.0 Cu. Yds.
Concrete Special Class "A"	119.0 Cu. Yds.
Steel Reinforcing Bars	190,272 Lbs.
Timber & Plank (Sidewalk)	9.8 M.B.M.
Pipe Hand Railway 1 1/2" galv	300 Lm. Ft.
Structural Steel (Joint Is)	435 Lbs.
Structural Steel (Bearings, Cadmium Plated)	8,850 Lbs.

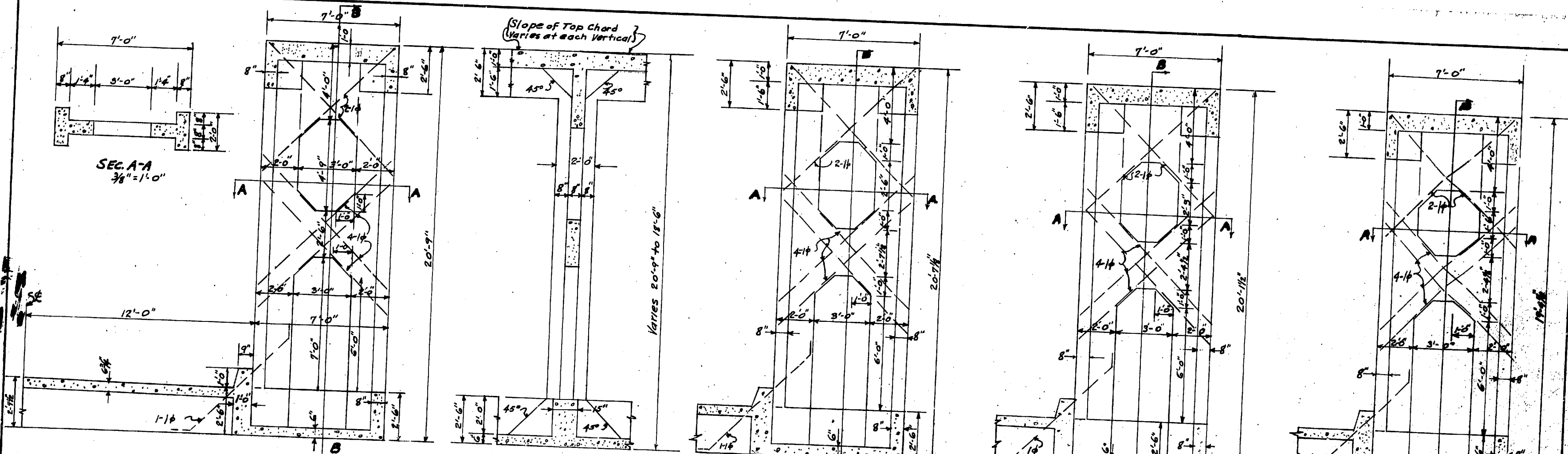
PIERS & APPROACHES

Concrete Class "A"	75.1 Cu. Yds.
Concrete Class "B"	43.6 Cu. Yds.
Concrete Class "C"	133.0 Cu. Yds.
Concrete Class "D"	33.0 Cu. Yds.
Steel Reinforcing Bars	32,050 Lbs.
Timber & Plank	2.4 M.B.M.
Structural Steel Piling 84"-8" Bath 11x40"	80.160 Lm.
Driving Piling	84
Structure Excavation	713 Cu. Yds.
Common Excavation	190 Cu. Yds.
Heavy Loose Rip Rap	250 Cu. Yds.
Remove old Paving	146 Sq. Yds.
Build and Remove Temporary Trussle	Lump Sum
Remove Steel Span, Concrete Piers, Files and Etc.	Lump Sum

Notes: Loading H 15, fs in reinforcing steel = 18,000 psi
 For Special Class "A" Concrete (2 bbls cement per cu. yd.)
 using 1/2" max. aggregate, n = 10 fc flexure = 1200 psi
 fc direct compression = 900 psi, ultimate 4500 psi
 For Class "A" Concrete. fc = 1000 psi n = 10.
 All reinforcing steel to be deformed bars.
 All concrete in truss and approach down to top of piers, or wall footings, to be Class "A" mix, except where shown as Special Class "A" mix.
 Maximum size of aggregate to be 1 1/2", except in piers, where 3" shall be maximum.
 In Trusses all bars passing thru construction joint shall be given a heavy coat of asphalt paint for a distance of 2" ea. side of joint.
 All concrete to be vibrated thru forms.



BEARING DETAILS
 1/2" = 1'-0"
 Note: All expose parts of rocker and plates to be cadmium plated
 Bars in end floor beam, 4" bottom & 3" top extend across rocker bearing & stiffen lower chord over bearing



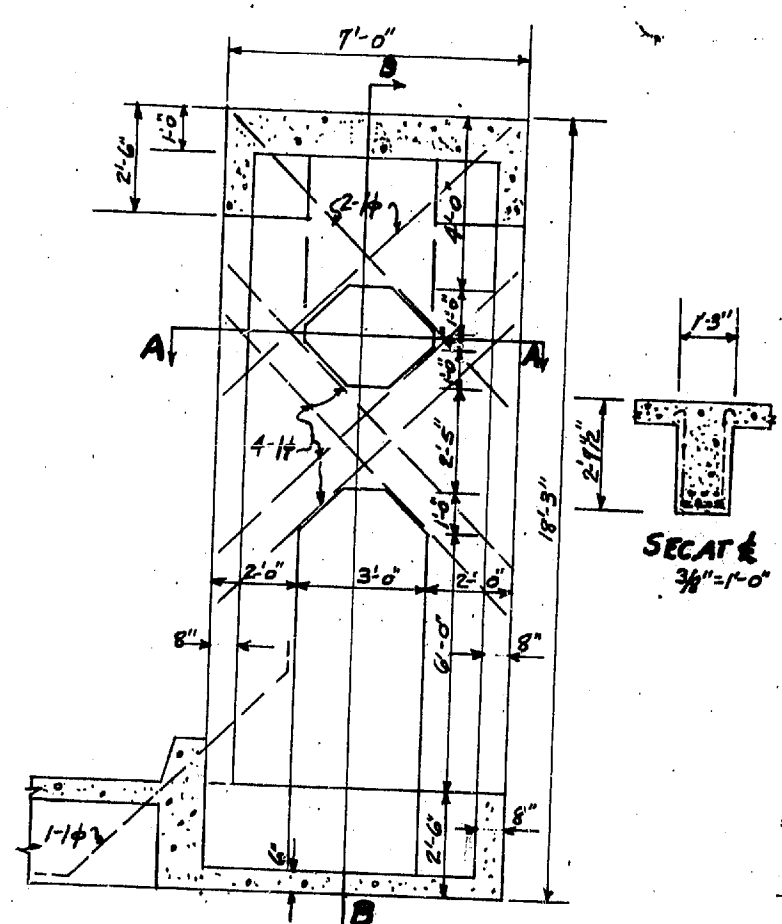
DETAIL OF VERTICAL 9T010
3/8" = 1'-0"

SEC. B-B
3/8" = 1'-0"

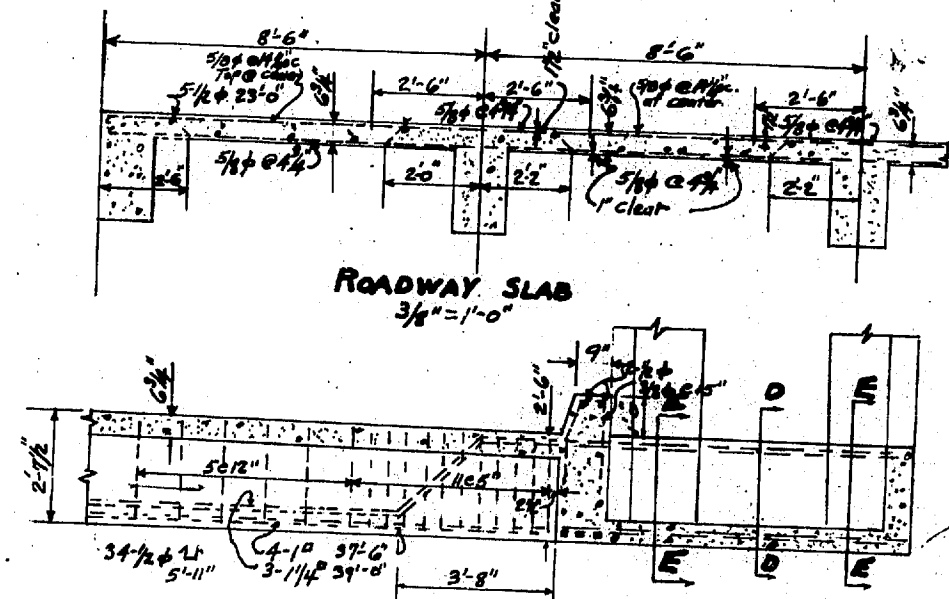
VERTICAL 7T08
3/8" = 1'-0"

VERTICAL 5T06
3/8" = 1'-0"

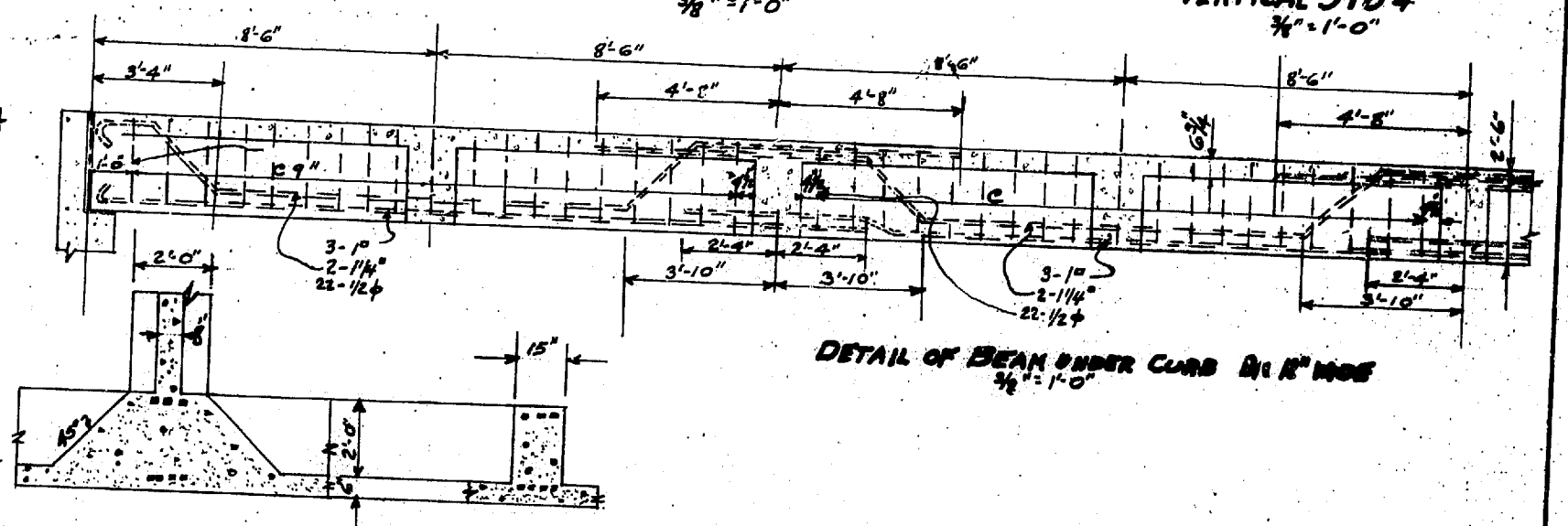
VERTICAL 3T04
3/8" = 1'-0"



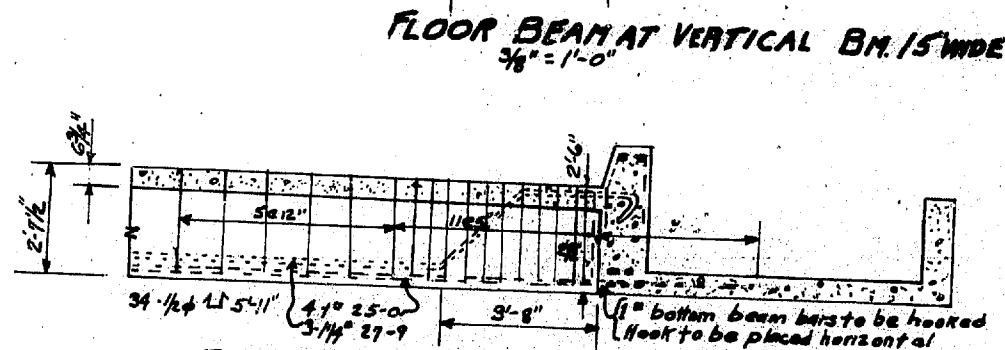
VERTICAL 1T02
3/8" = 1'-0"



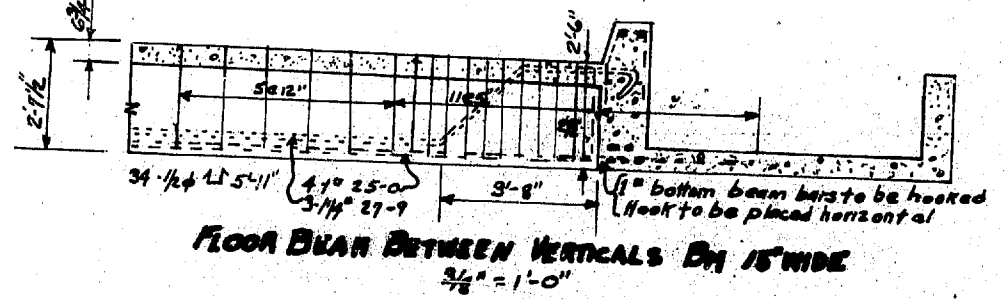
ROADWAY SLAB
3/8" = 1'-0"



DETAIL OF BEAM UNDER CURB 15" WIDE
3/8" = 1'-0"



FLOOR BEAM AT VERTICAL 15" WIDE
3/8" = 1'-0"



FLOOR BEAM BETWEEN VERTICALS 15" WIDE
3/8" = 1'-0"

SEC. E-E
3/8" = 1'-0"

SEC. D-D
3/8" = 1'-0"

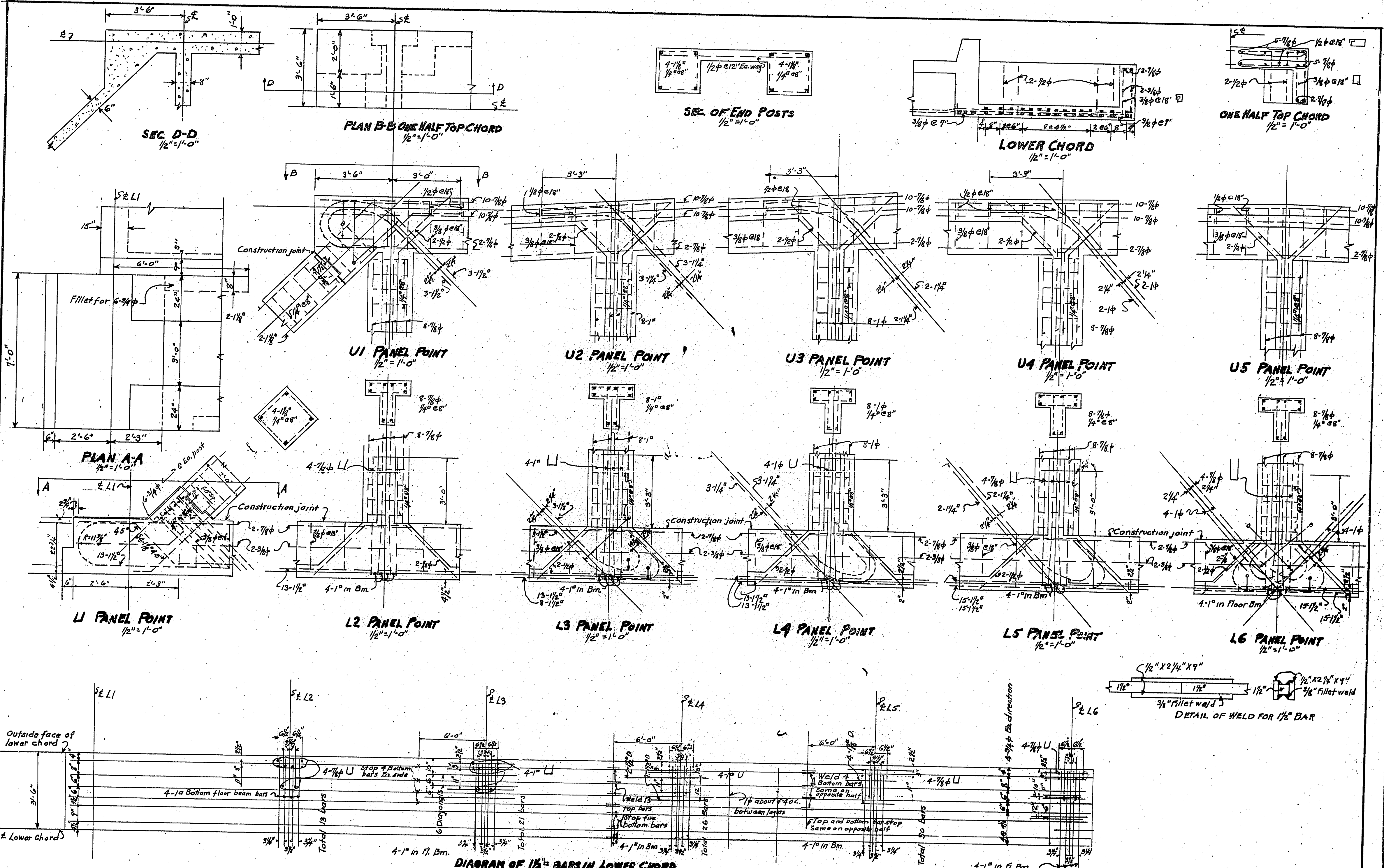


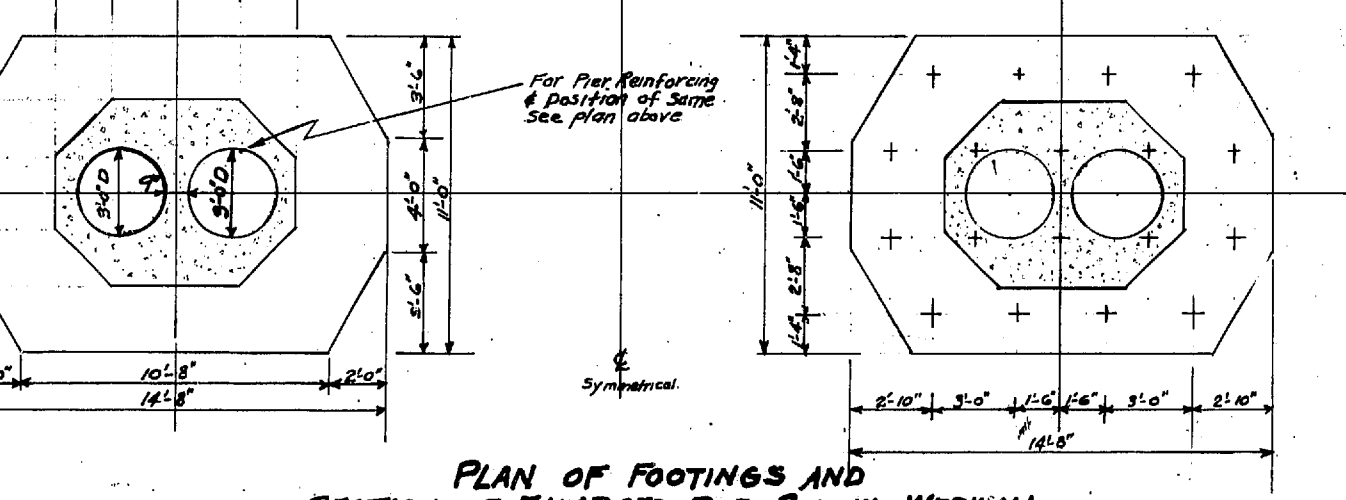
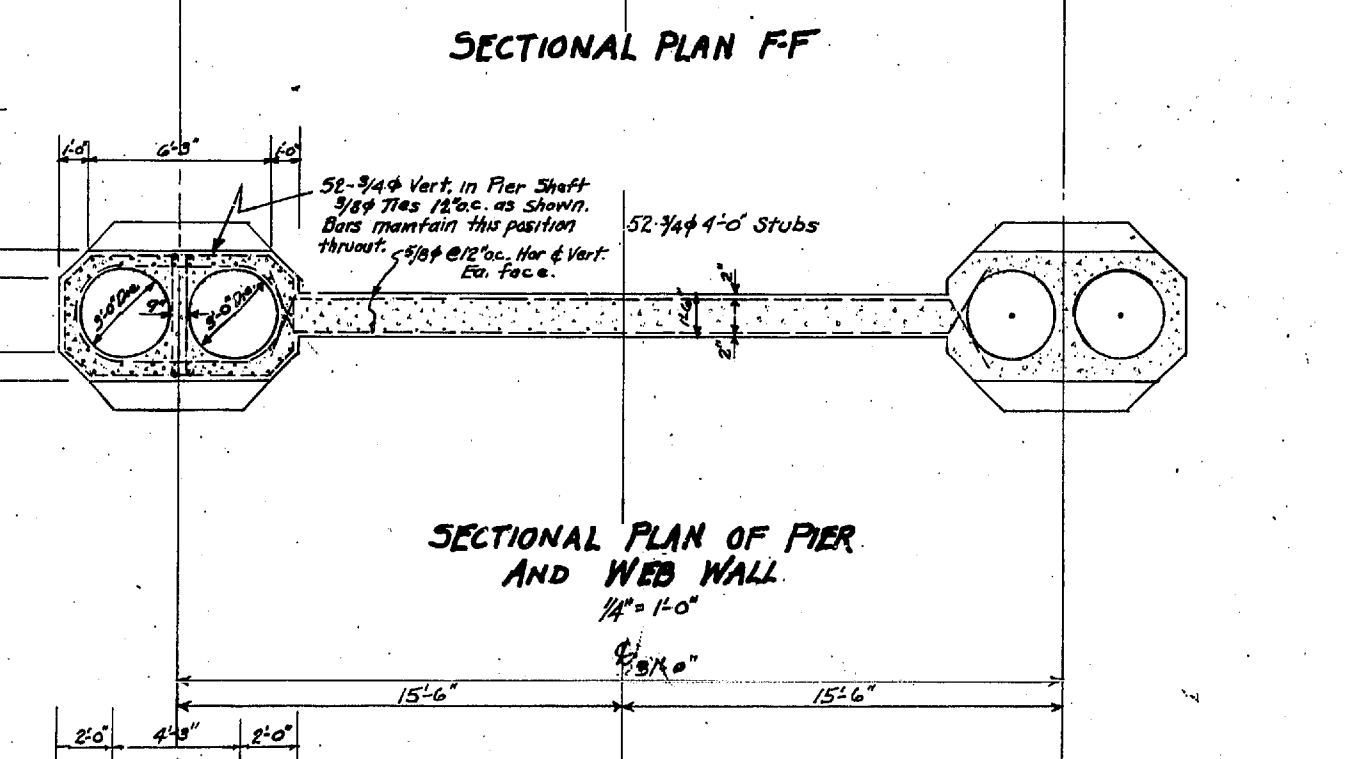
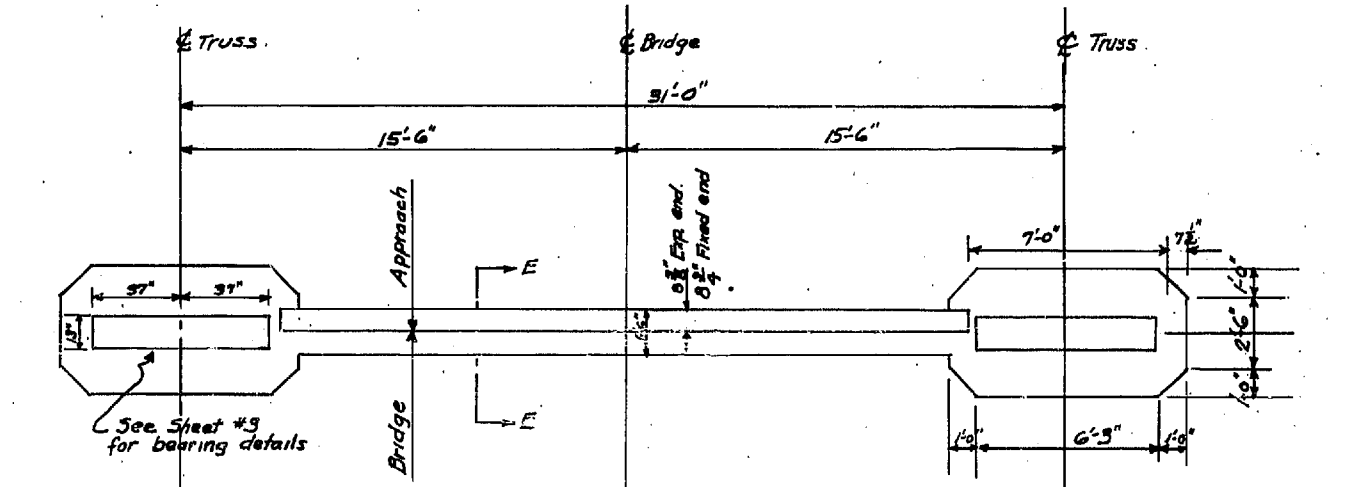
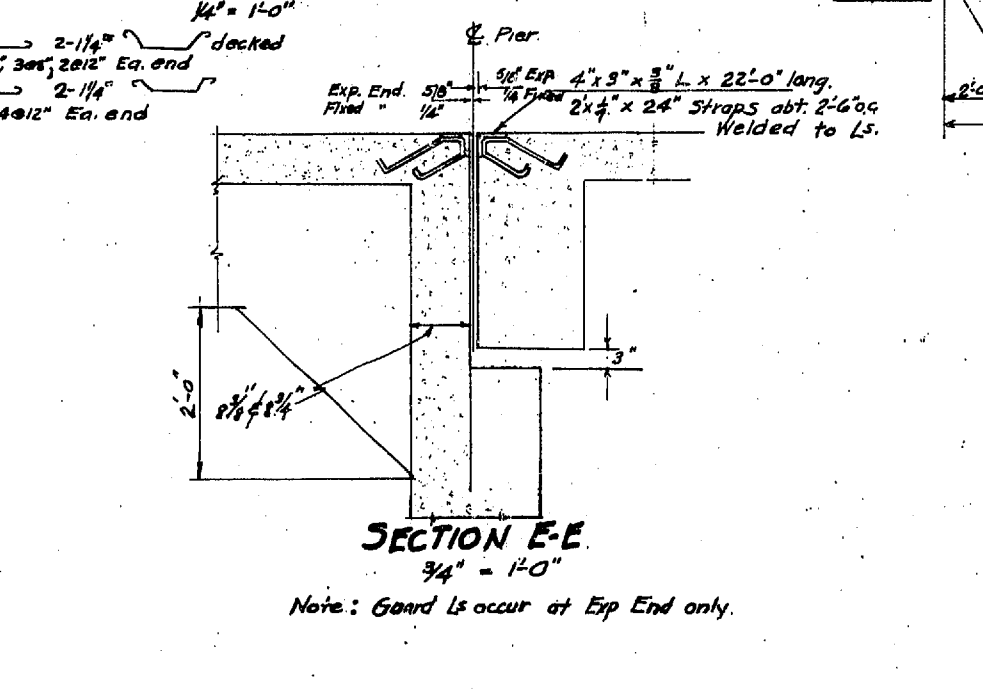
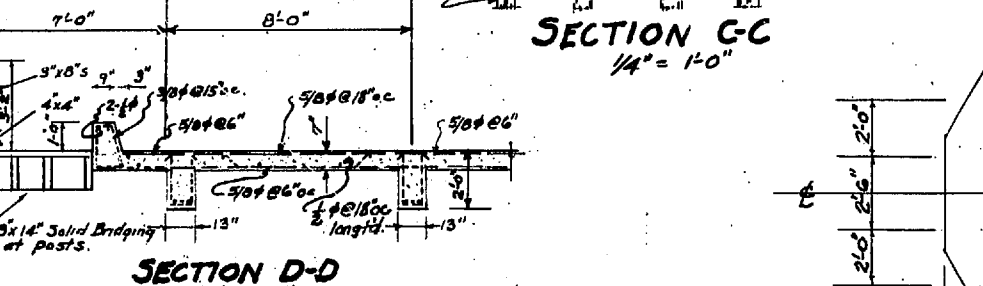
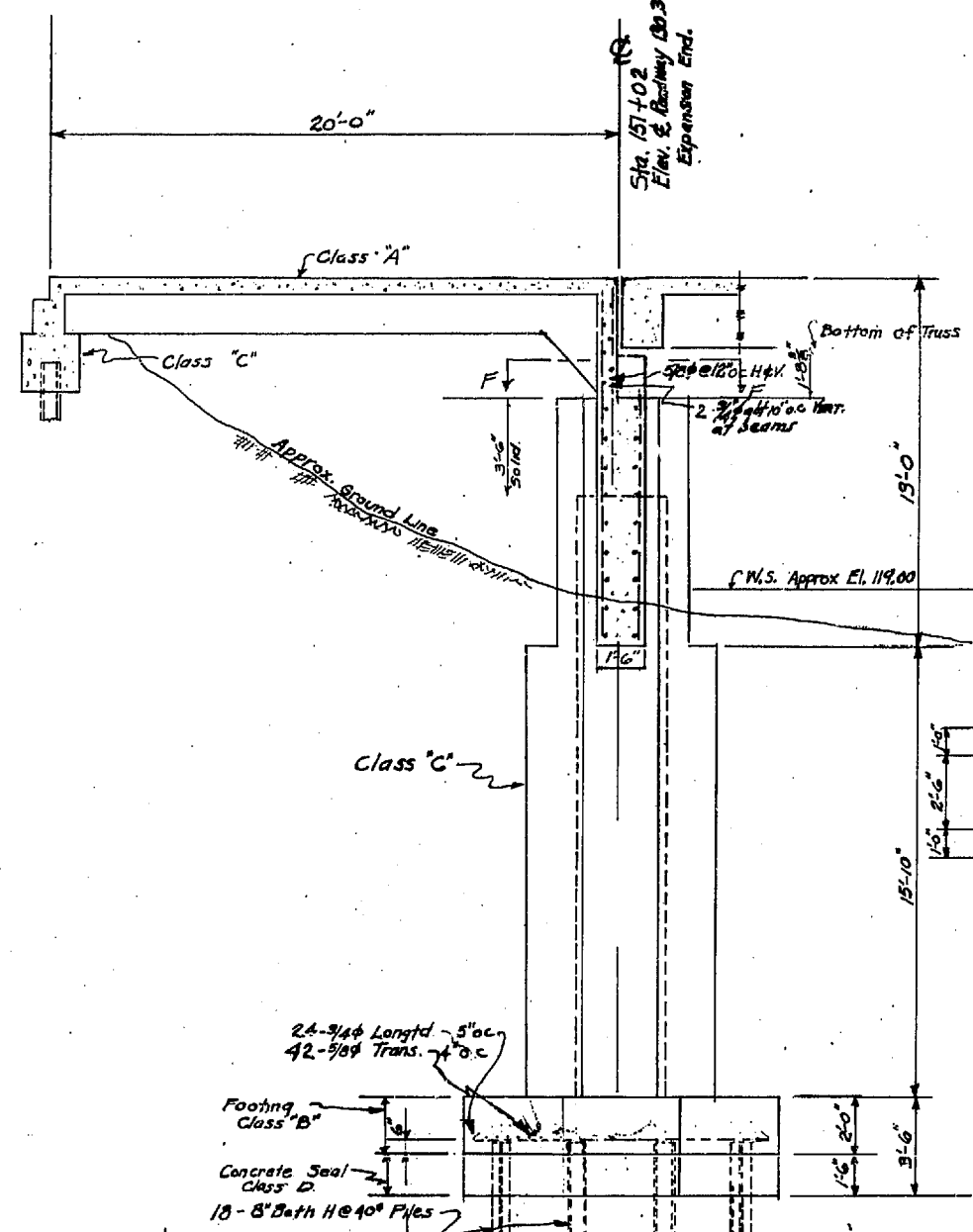
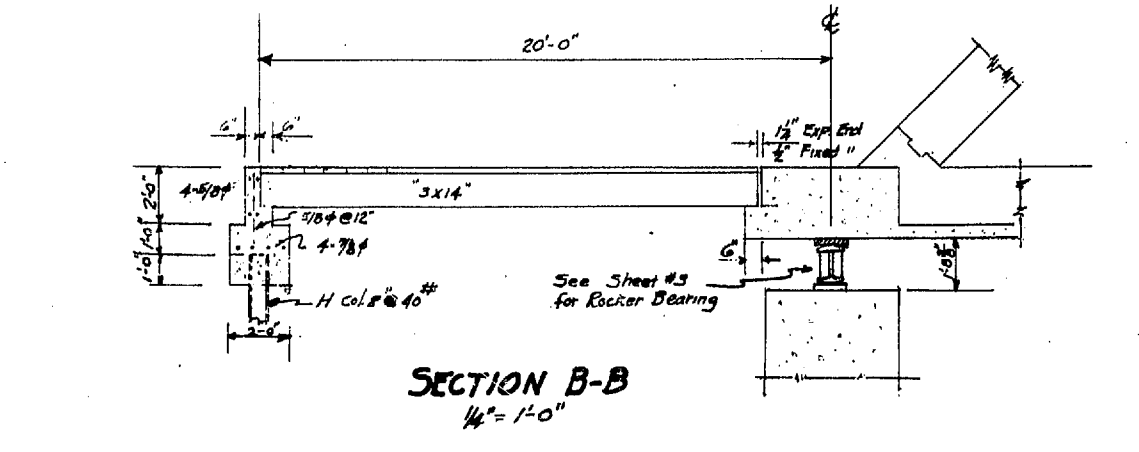
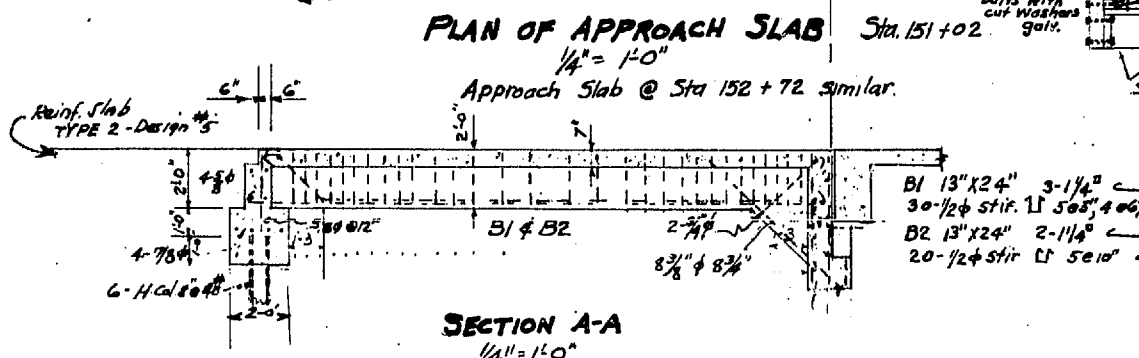
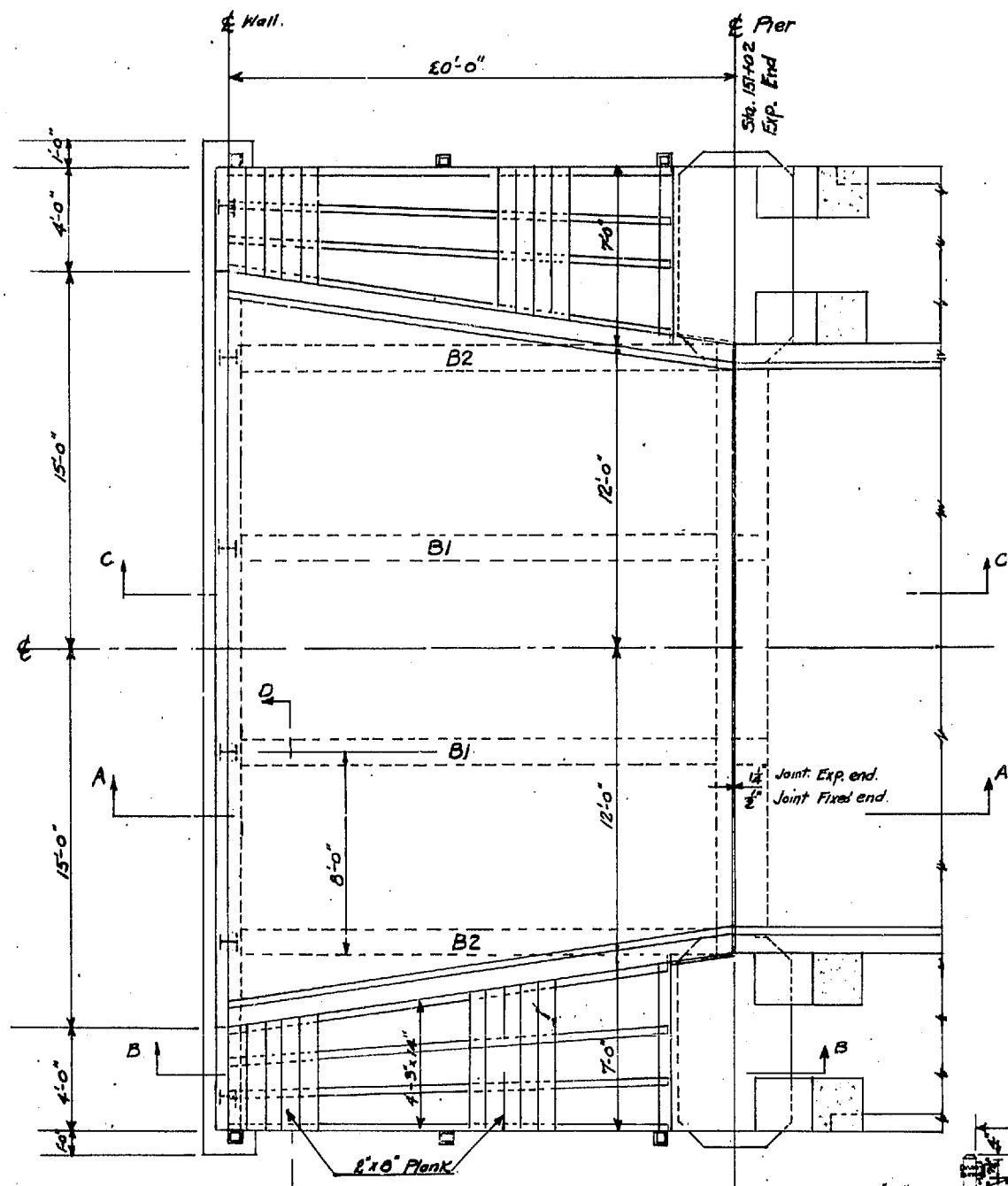
DIAGRAM OF 1/2" BARS IN LOWER CHORD
OF BARS SHOWN 1/2" SCALE - BARS IN TWO LAYERS

Revised 6-26-34

W.H. WITT CO. STRUCTURAL ENGINEERS

SHEET #5
FILE L-2

85/78



Note: Details shown for Pier at Sta. 151 + 02 (Expansion End)
 Pier at Sta. 152 + 72 (Fixed End) Similar.