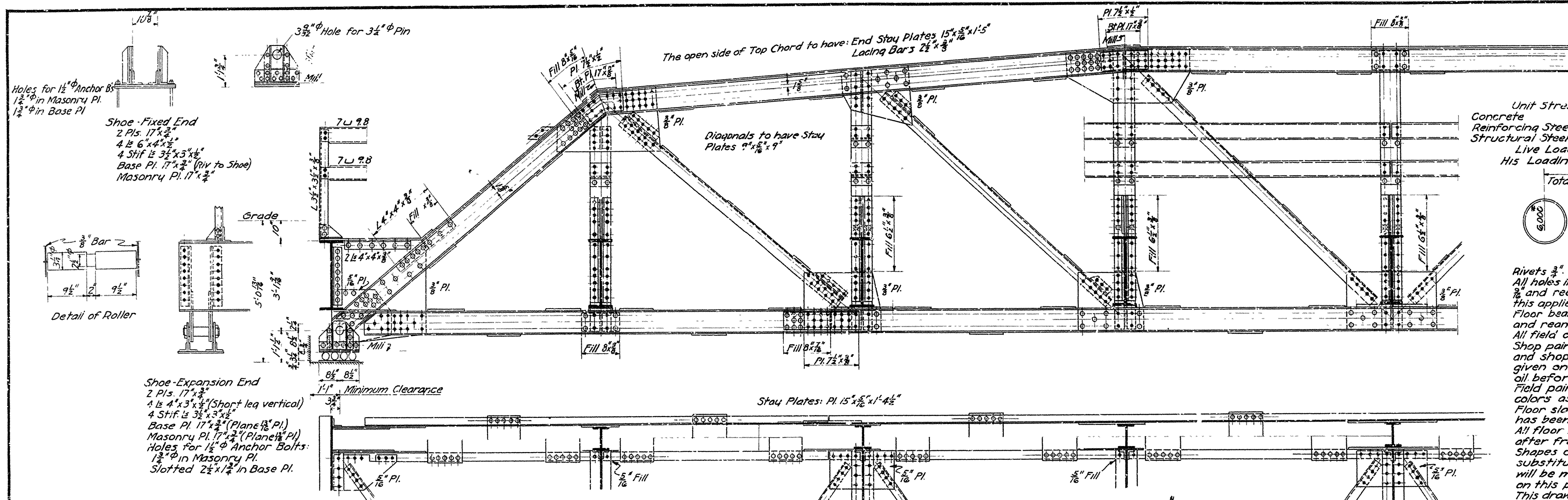


FISCAL YEAR	SHEET NO.	TOTAL SHEETS

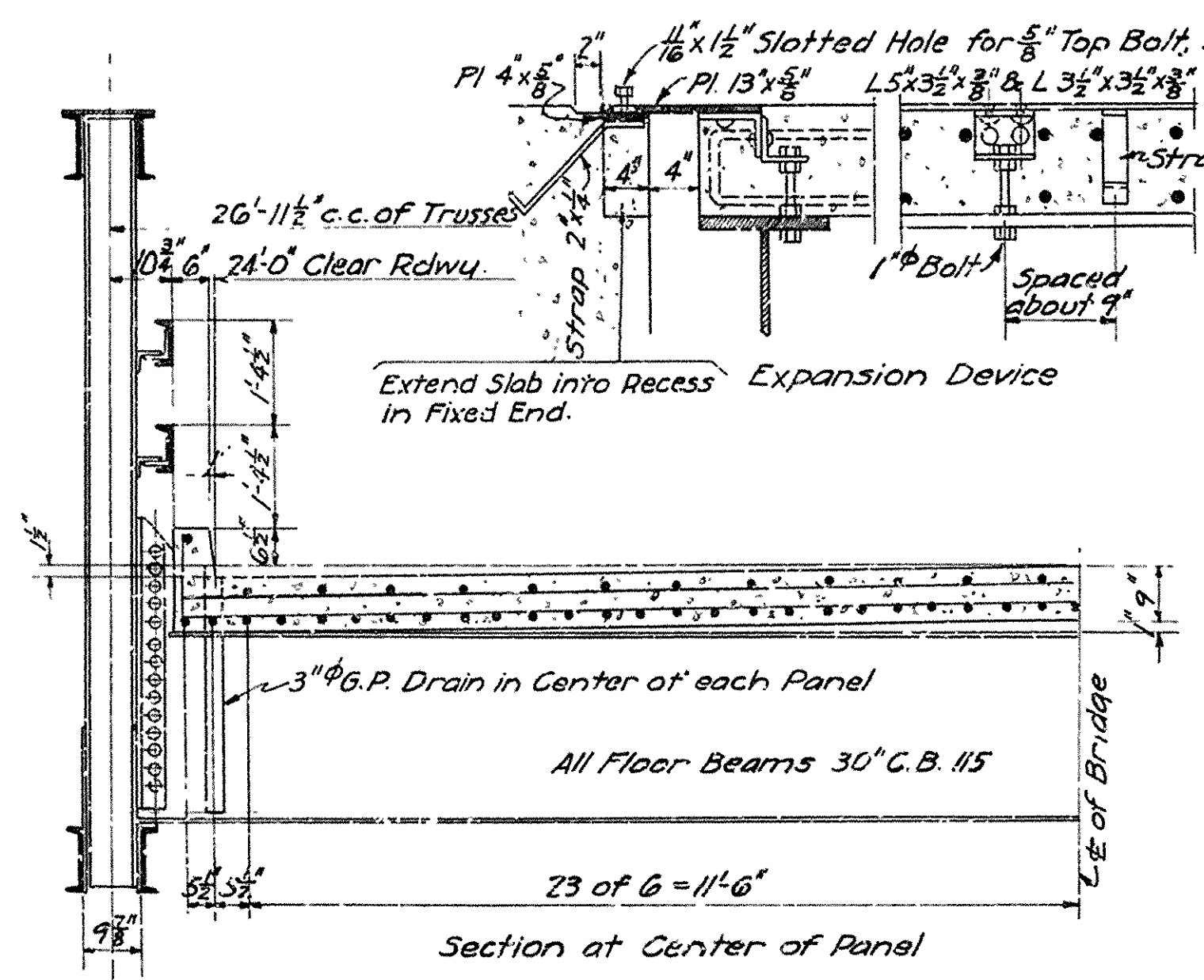


Shoe - Fixed End
2 Pls. 17x3/4"
4 Ls 6x4x1/2"
4 Stif. Ls 3 1/2x3 1/2"
Base Pl. 17x3/4" (Riv to Shoe)
Masonry Pl. 17x3/4"

Shoe - Expansion End
2 Pls. 17x3/4"
4 Ls 4x3x1/2" (Short leg vertical)
4 Stif. Ls 3 1/2x3 1/2"
Base Pl. 17x3/4" (Plane 1/8" Pl.)
Masonry Pl. 17x3/4" (Plane 1/8" Pl.)
Holes for 1/2" Anchor Bolts:
1 1/2" in Masonry Pl.
Slotted 2 1/2x1 1/2" in Base Pl.

Stay Plates: Pl. 15x5/8x1-4 1/2"

Laterals Ls 4x3x5/8" (Long Leg Vertical)

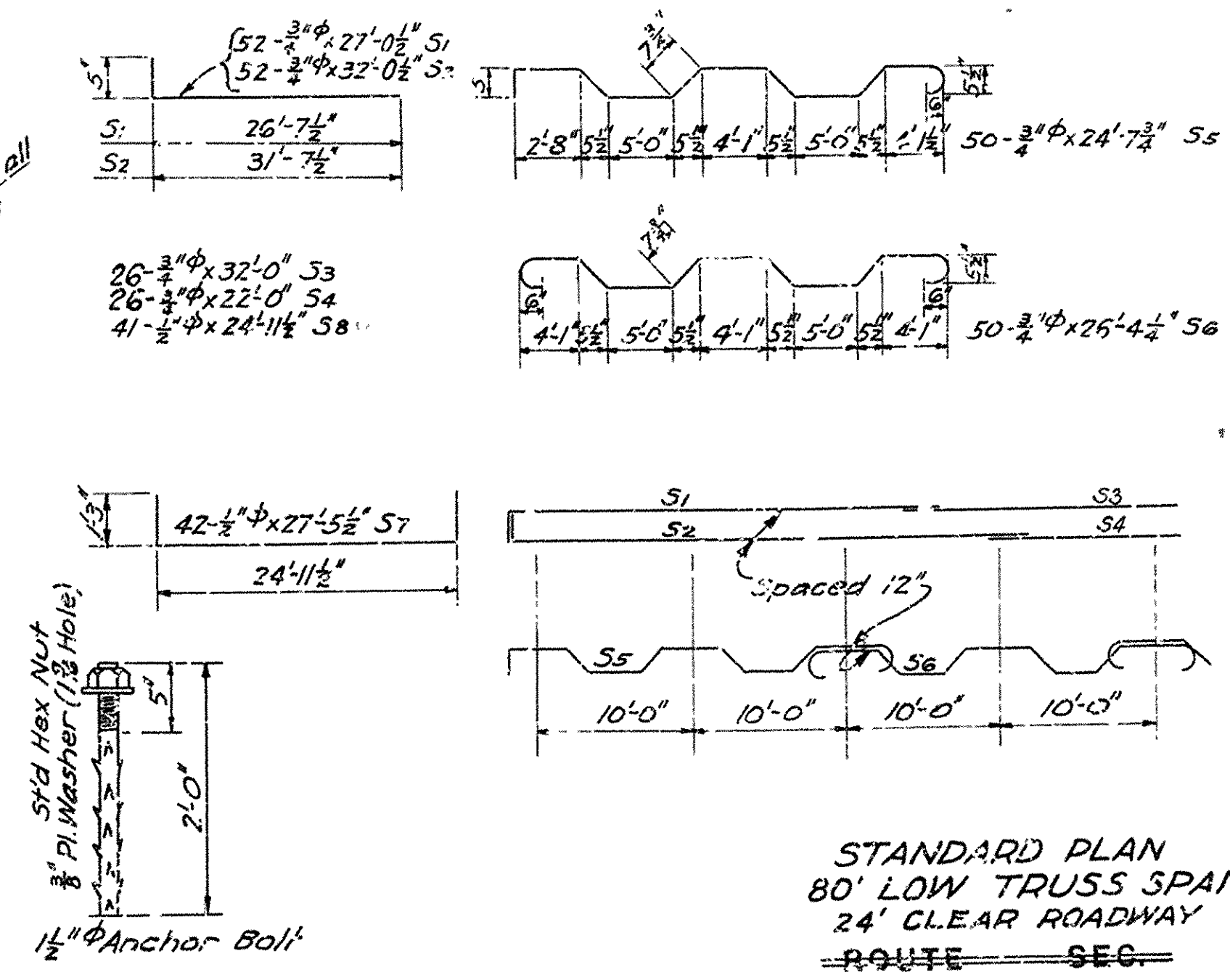
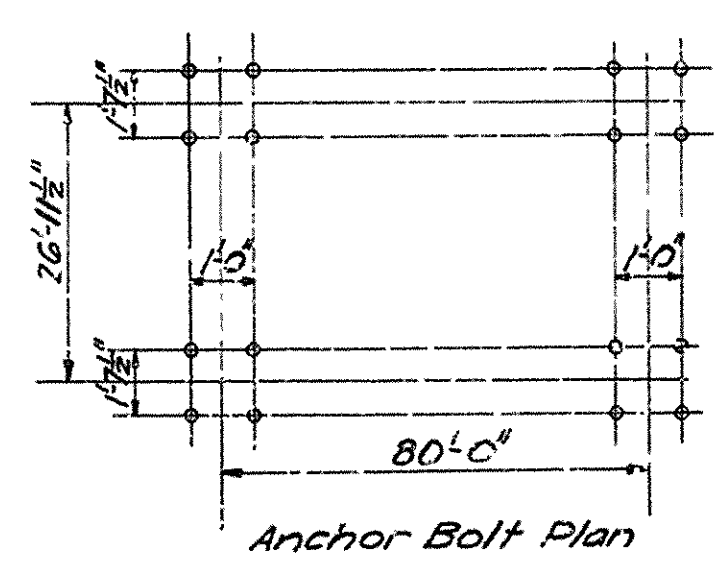
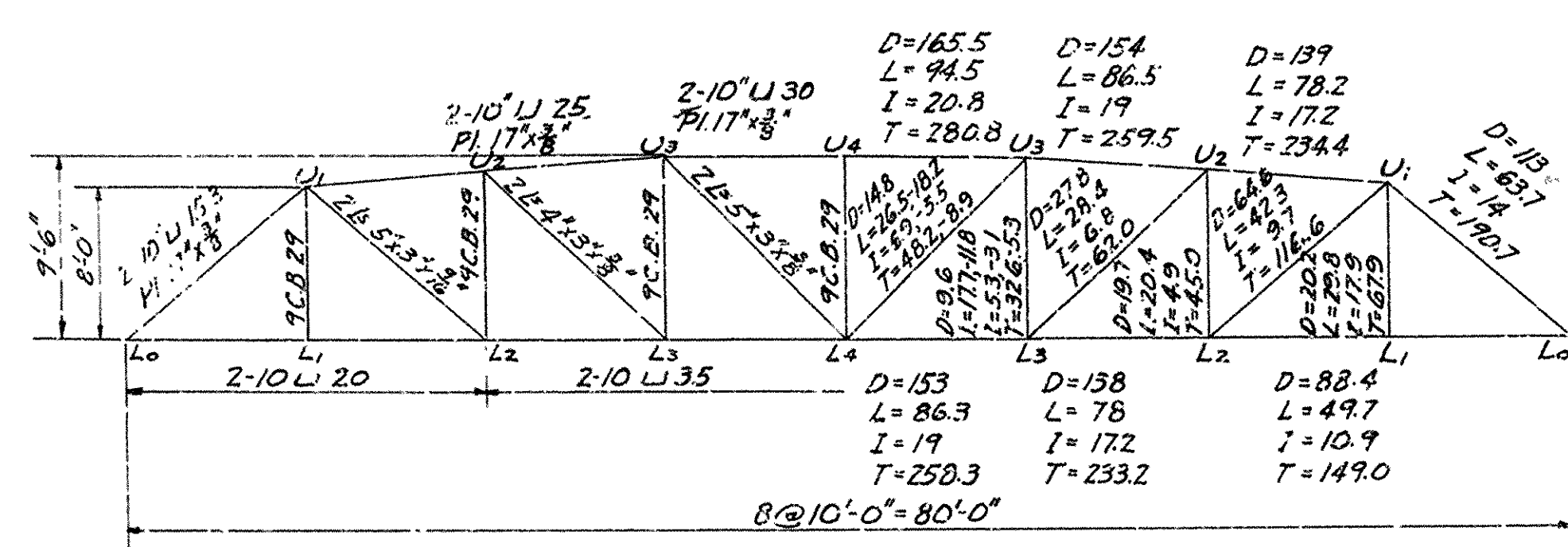


Typical Connection for Railing

Floor Beam Bracket

FLOOR BEAM DATA
Dead Load Moment 1,284,000 in. lbs.
Live Load Moment 2,604,000 " "
Impact, 30% 78,000 " "
Total Moment 4,668,000 " "
Required Section Modulus 4668x16=292 in.³
Section Modulus of 30 C.B. 115 is 292 in.³

ESTIMATED QUANTITIES
Structural Steel 18000 lbs.
Reinforcing Steel 11,500 " "
Class "S" Concrete 58.2 cu. yds.
Note: Structural Steel Tonnage does not include weight of Expansion Device.



STANDARD PLAN
80' LOW TRUSS SPAN
24' CLEAR ROADWAY
ROUTE 200

ARKANSAS STATE HIGHWAY DEPARTMENT
LITTLE ROCK, ARK.

Drawn By: A. Date: 1-29-30
Traced By: A. Date: 1-29-30
Checked By: A. Date: 1-29-30
BRIDGE NO. DRAWING NO. 2445

N.B. Gann
BRIDGE ENGINEER