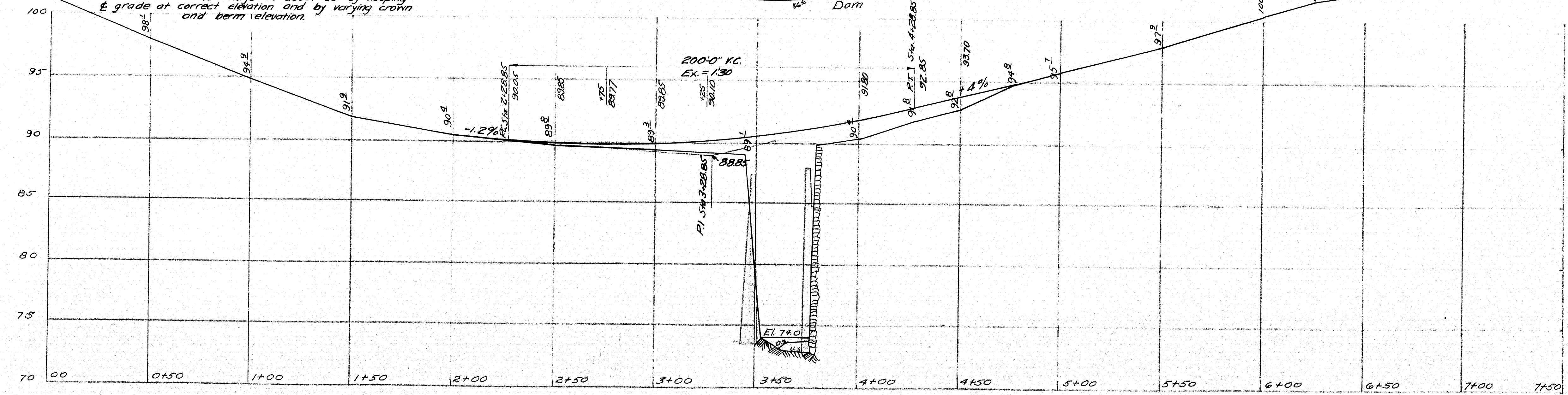
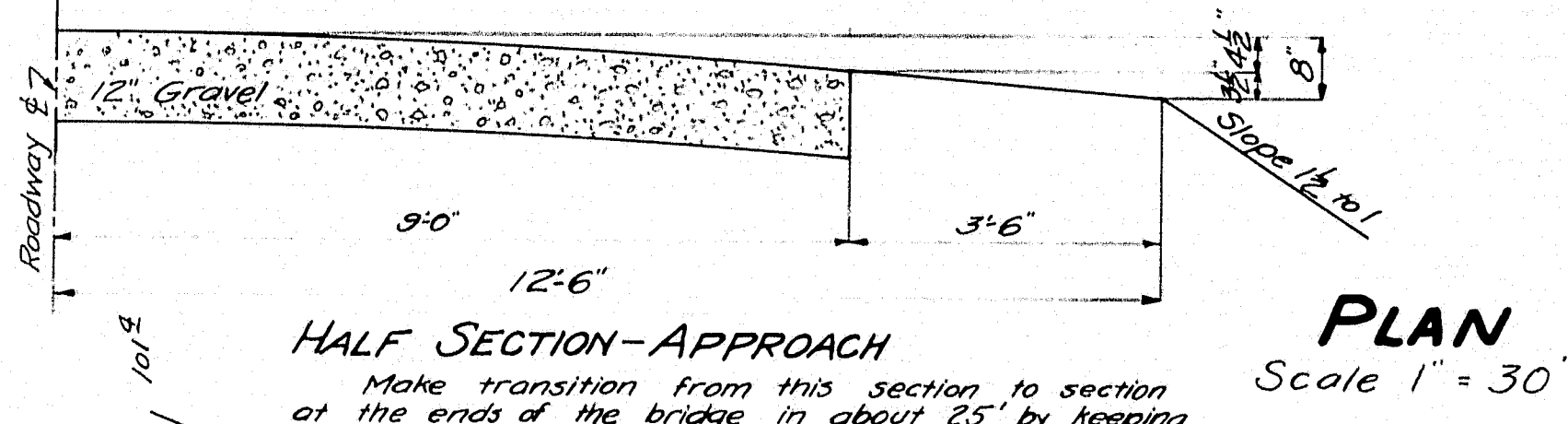
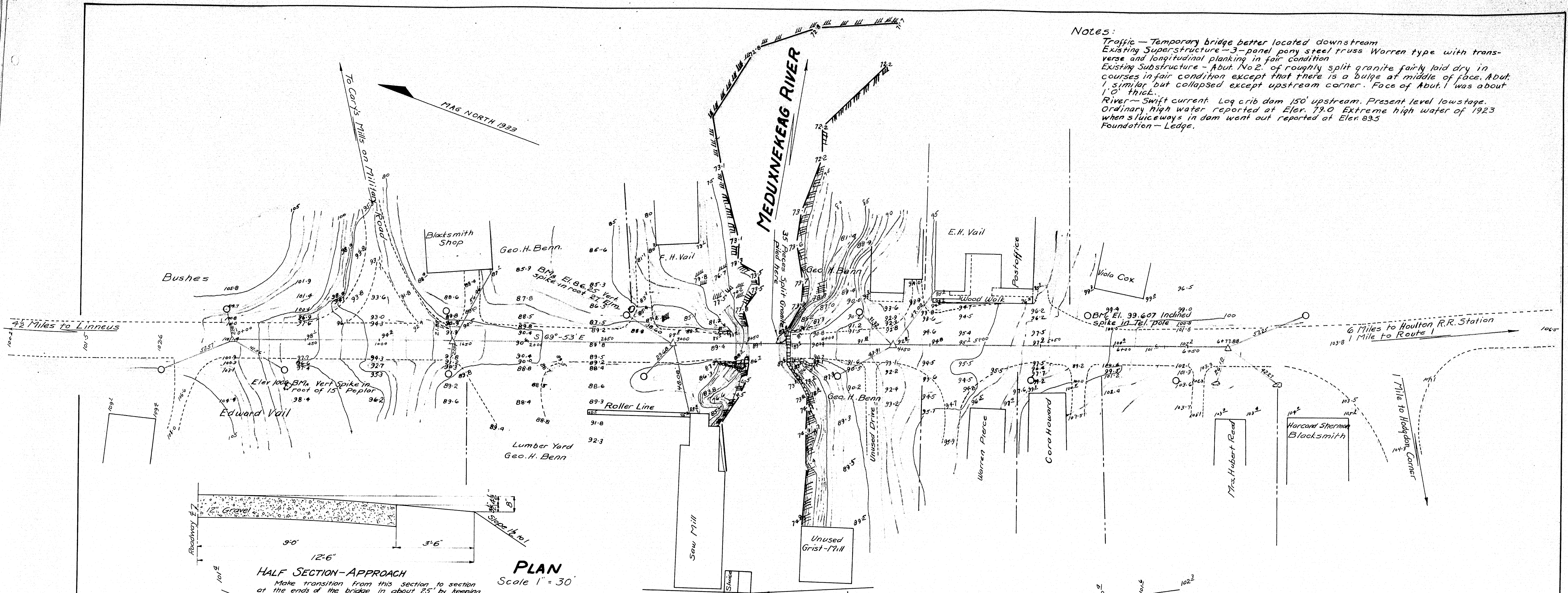


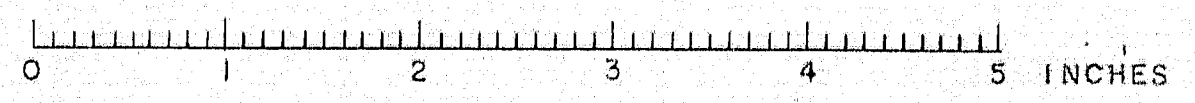
Notes:  
 Traffic - Temporary bridge better located downstream  
 Existing Superstructure - 3-panel pony steel truss Warren type with transverse and longitudinal planking in fair condition  
 Existing Substructure - Abut. No. 2. of roughly split granite fairly laid dry in courses in fair condition except that there is a bulge at middle of face. Abut. 1 similar but collapsed except upstream corner. Face of Abut. 1 was about 10' thick.  
 River - Swift current. Log crib dam 150' upstream. Present level low stage. Ordinary high water reported at Elev. 79.0 Extreme high water of 1923 when sluiceways in dam went out reported at Elev. 89.5  
 Foundation - Ledge.

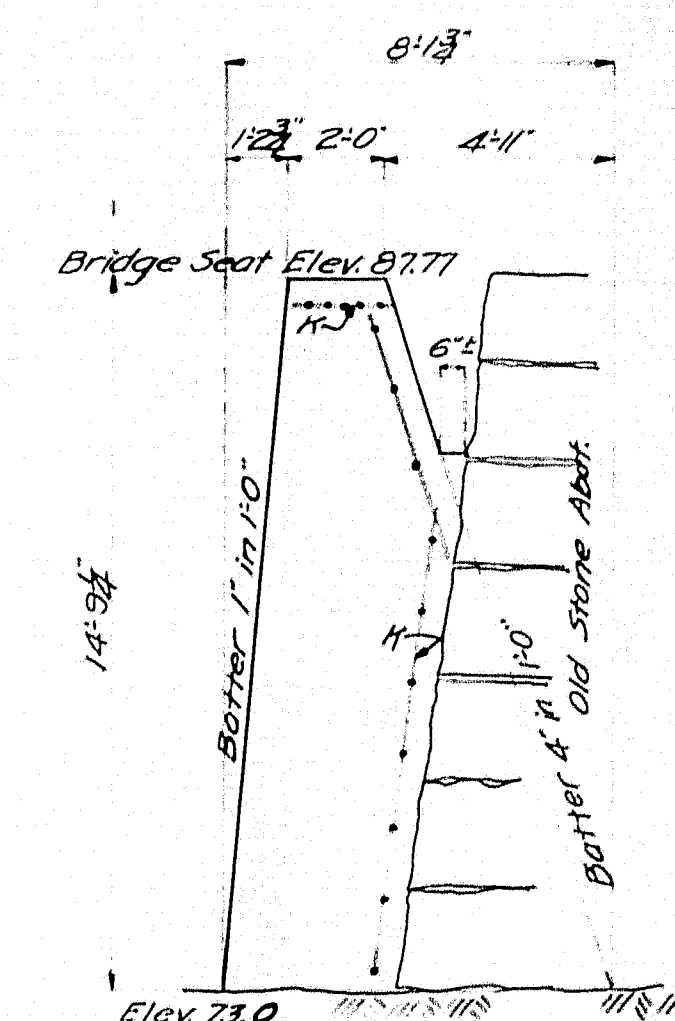
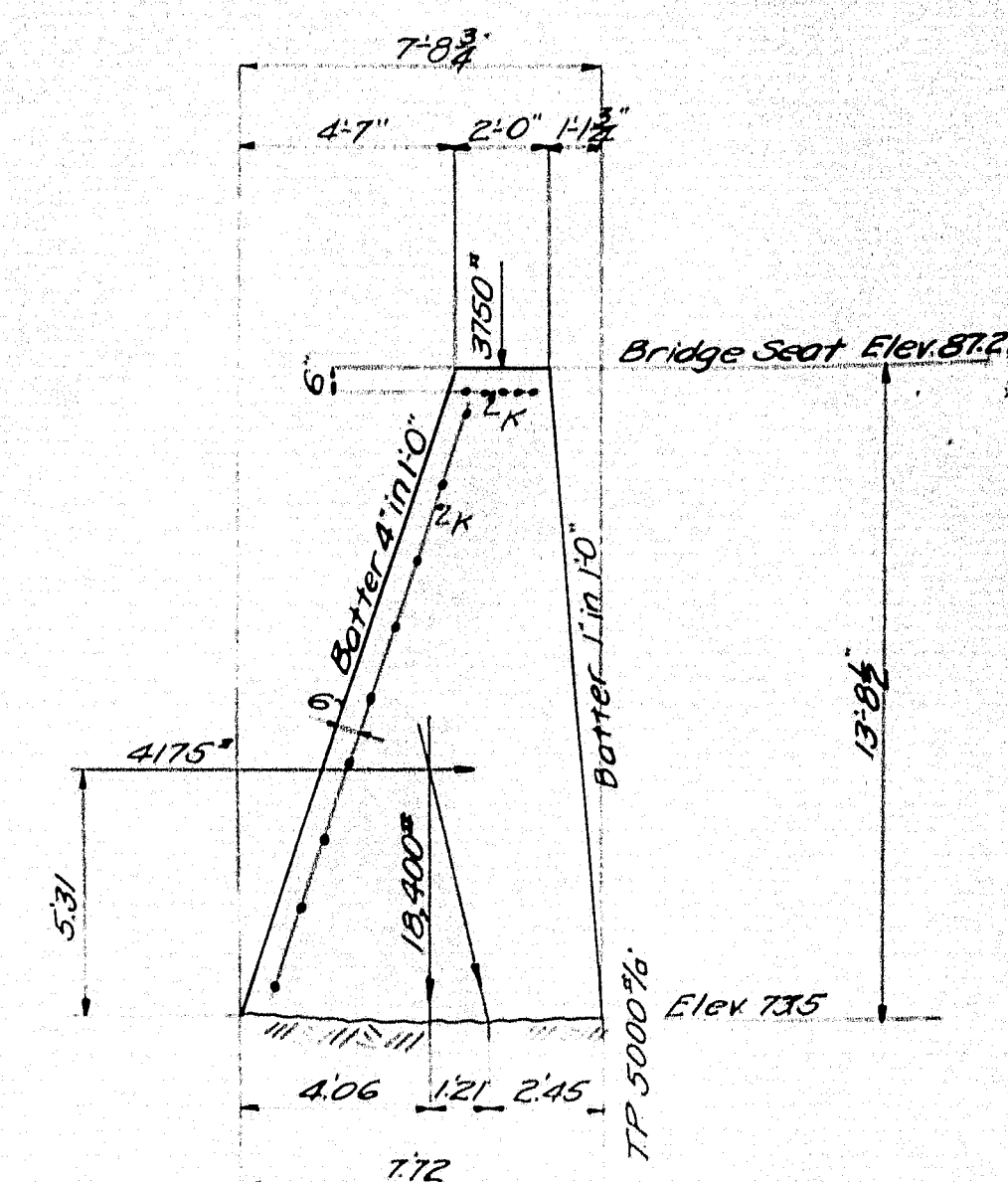
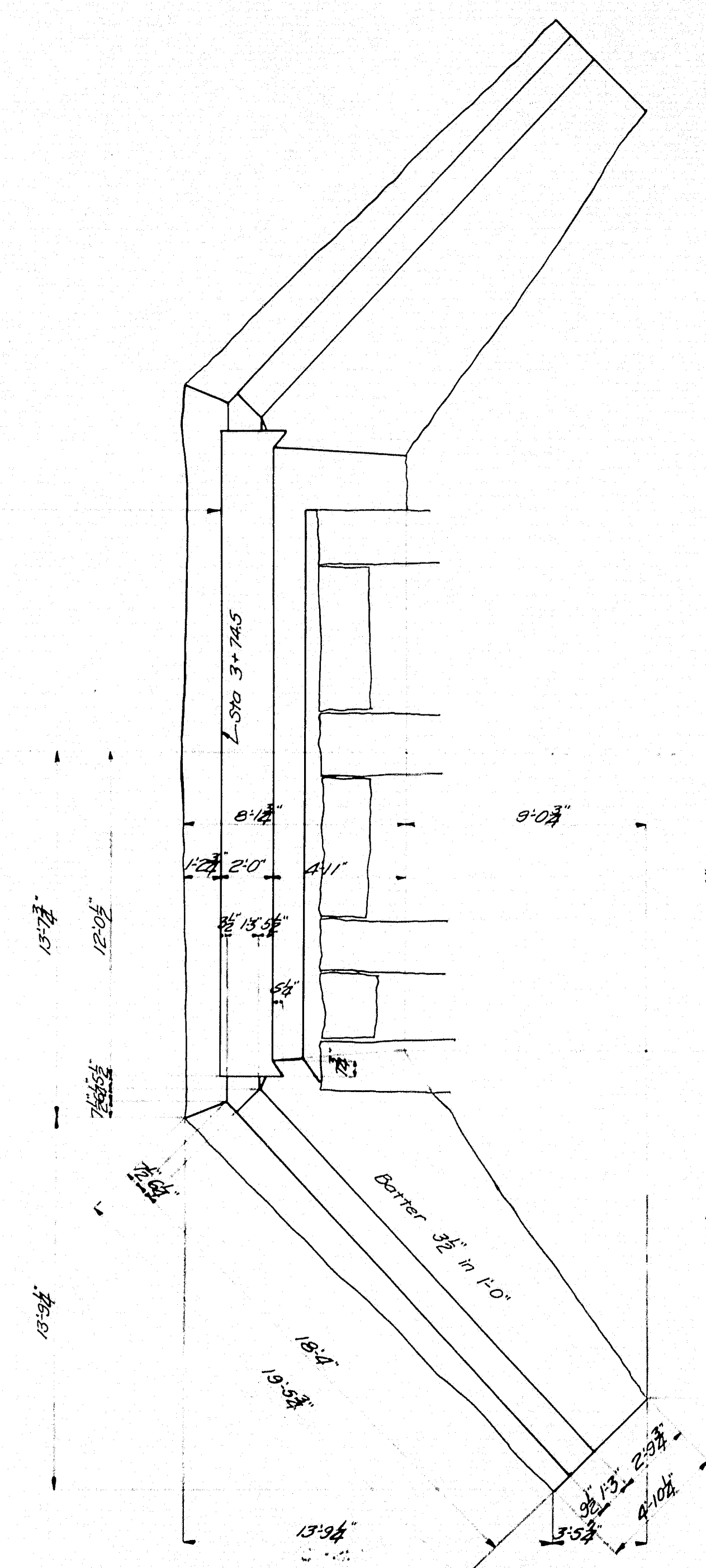
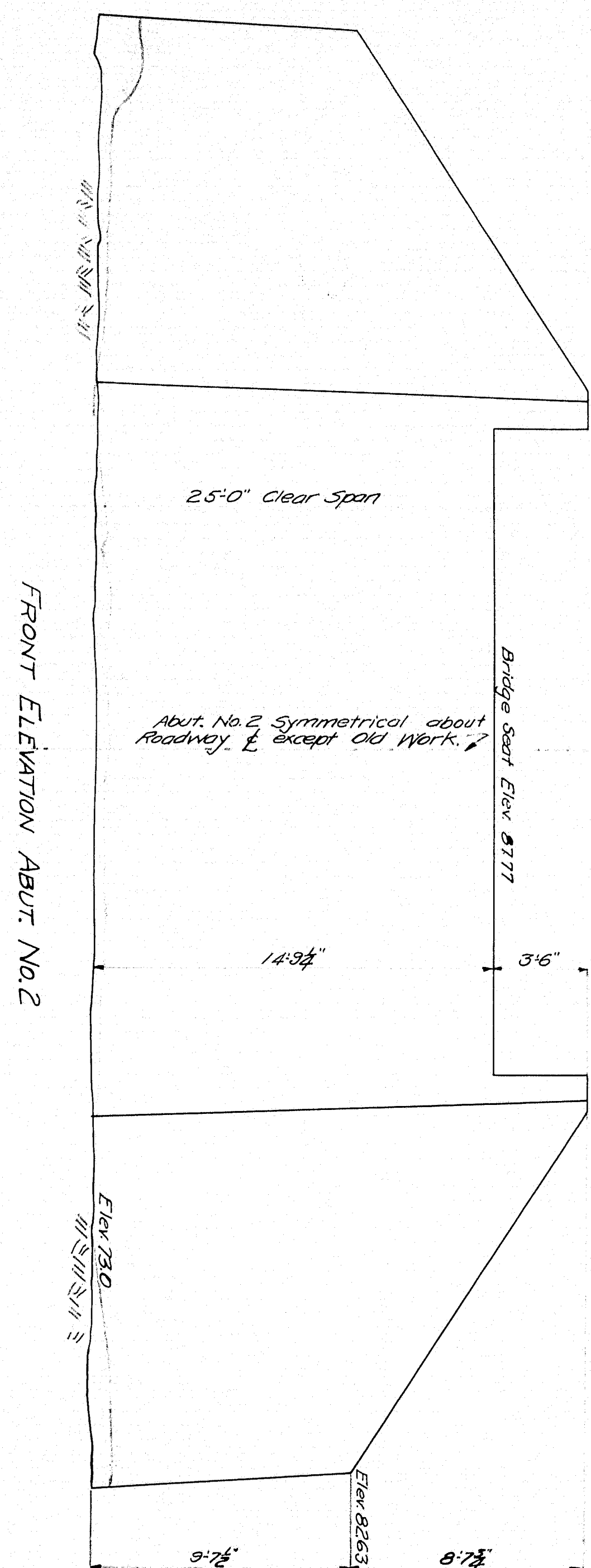
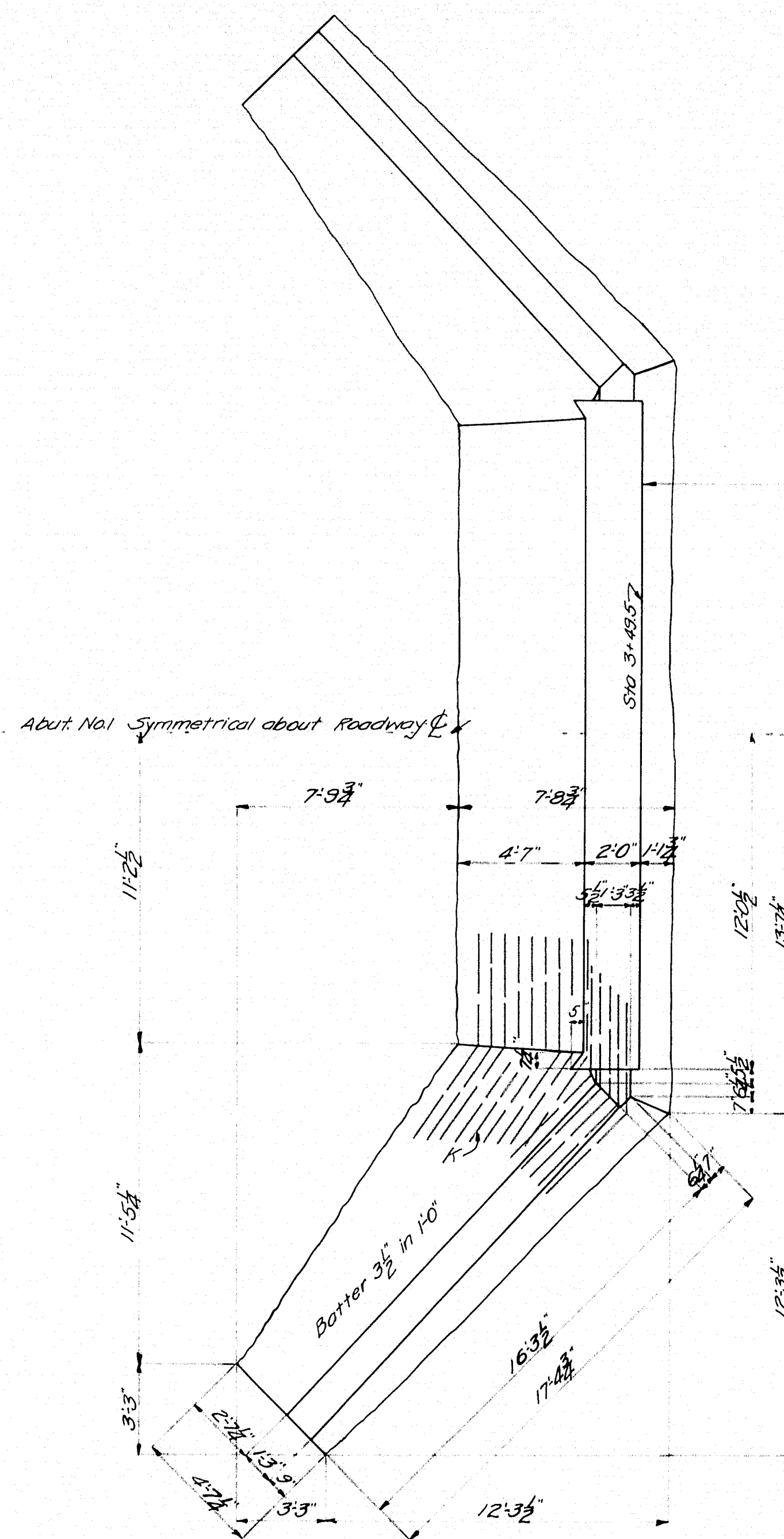
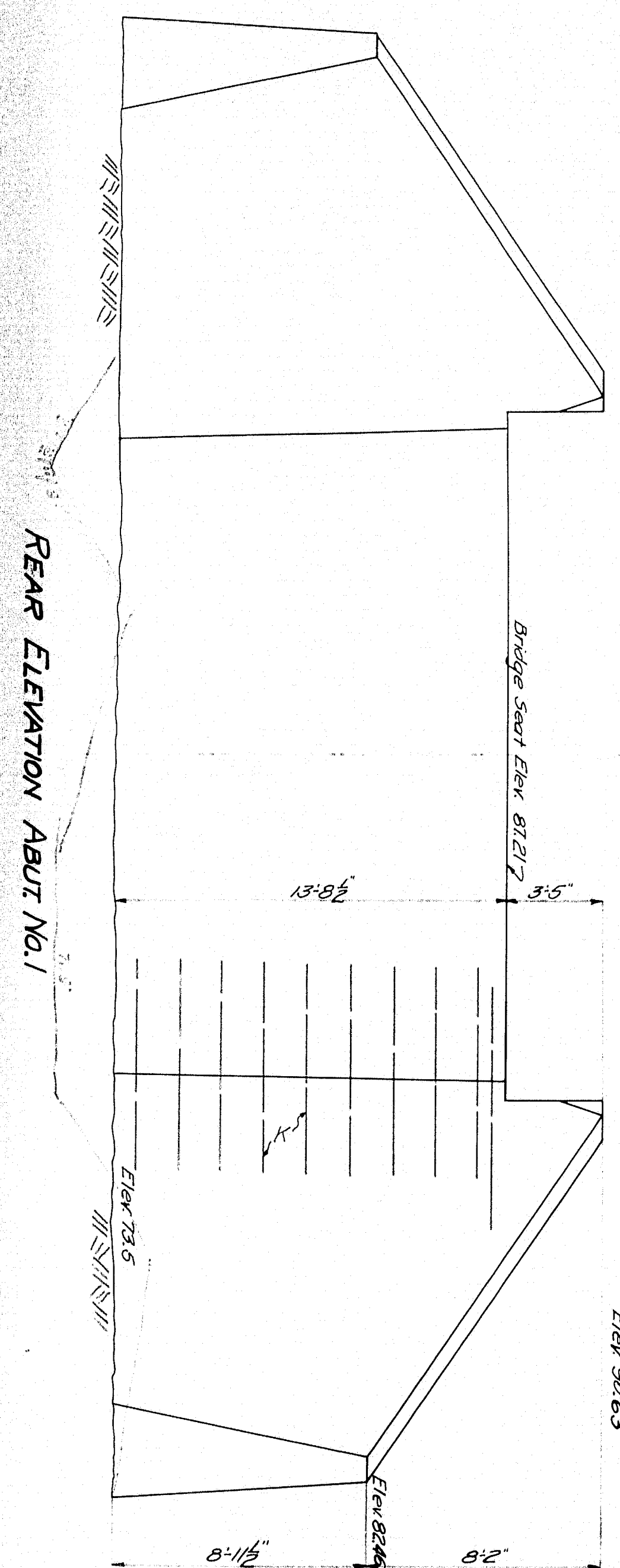


PROFILE  
 Scale: Hor 1" = 30' Vert = 1" = 5'

Bridge 3103  
 Town 02-32  
 MAINE HIGHWAY COMMISSION  
 BRIDGE DIVISION  
**HODGDON MILLS BRIDGE**  
 OVER  
**MEDUXNEKEAG RIVER**  
 IN THE TOWN OF  
**HODGDON**  
**AROOSTOOK COUNTY**  
 SURVEY  
 SHEET 1 OF 3 AUGUSTA, ME. SEPT. 2, 33

Survey Bectman  
 Plotted - Blake





Notes:  
K-bars at each junction of abutment breast and wing walls spaced at 16' vertically 6" from back arm and horizontalized 6" below bridge seat. Bents are held to fit forms.  
If ledge is not encountered at the elevations shown dimensions must be corrected to conform with the correct elevations.

C.L.F.  
✓ Q.B.

TOWN 02-32  
BRIDGE 3103

MAINE HIGHWAY COMMISSION  
BRIDGE DIVISION

HODGDON MILLS BRIDGE

OVER

MEDUXNEKEAG RIVER

IN THE TOWN OF

HODGDON

AROOSTOOK COUNTY

SUBSTRUCTURE

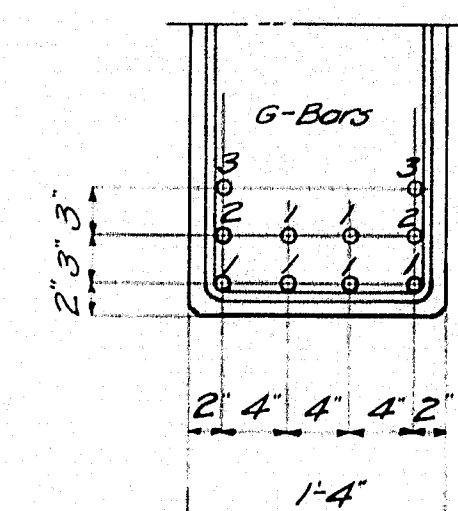
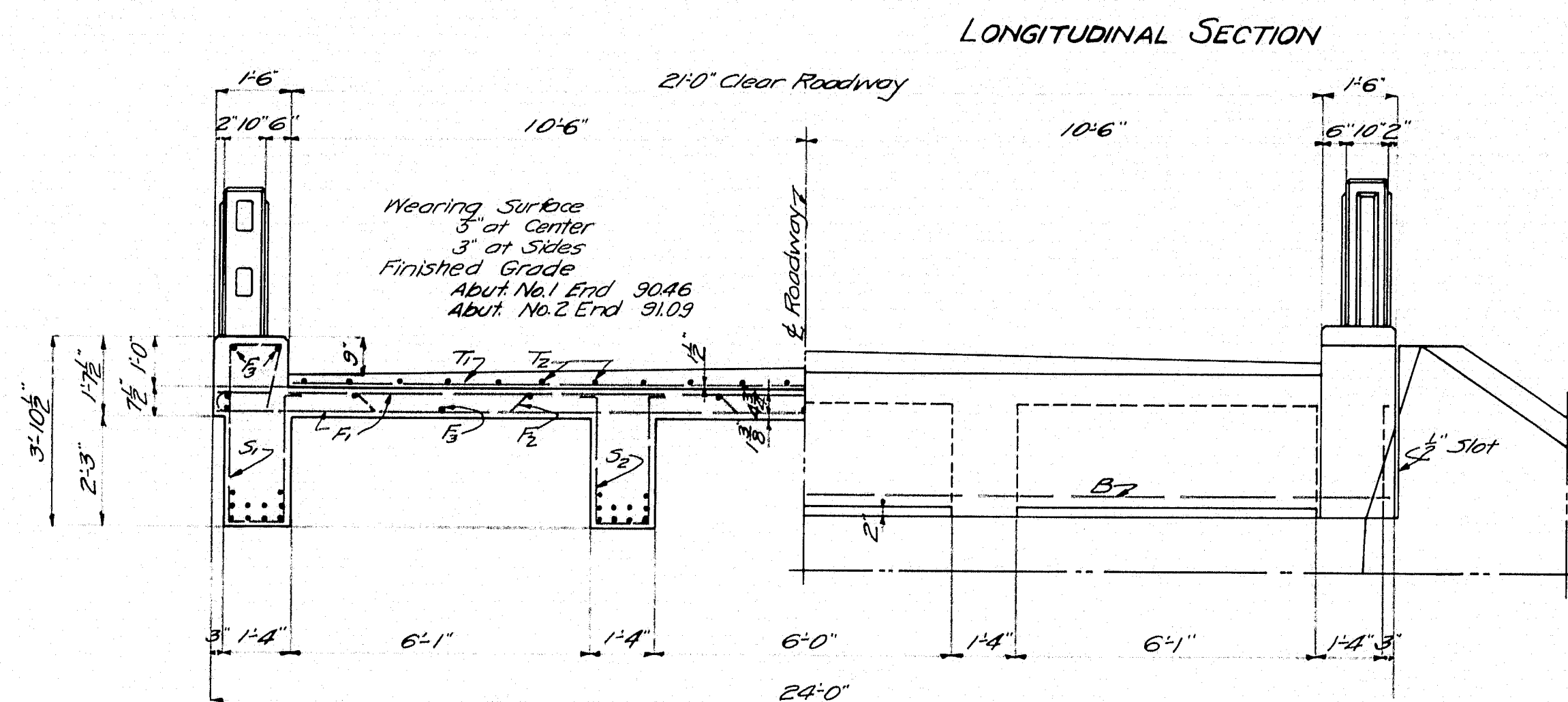
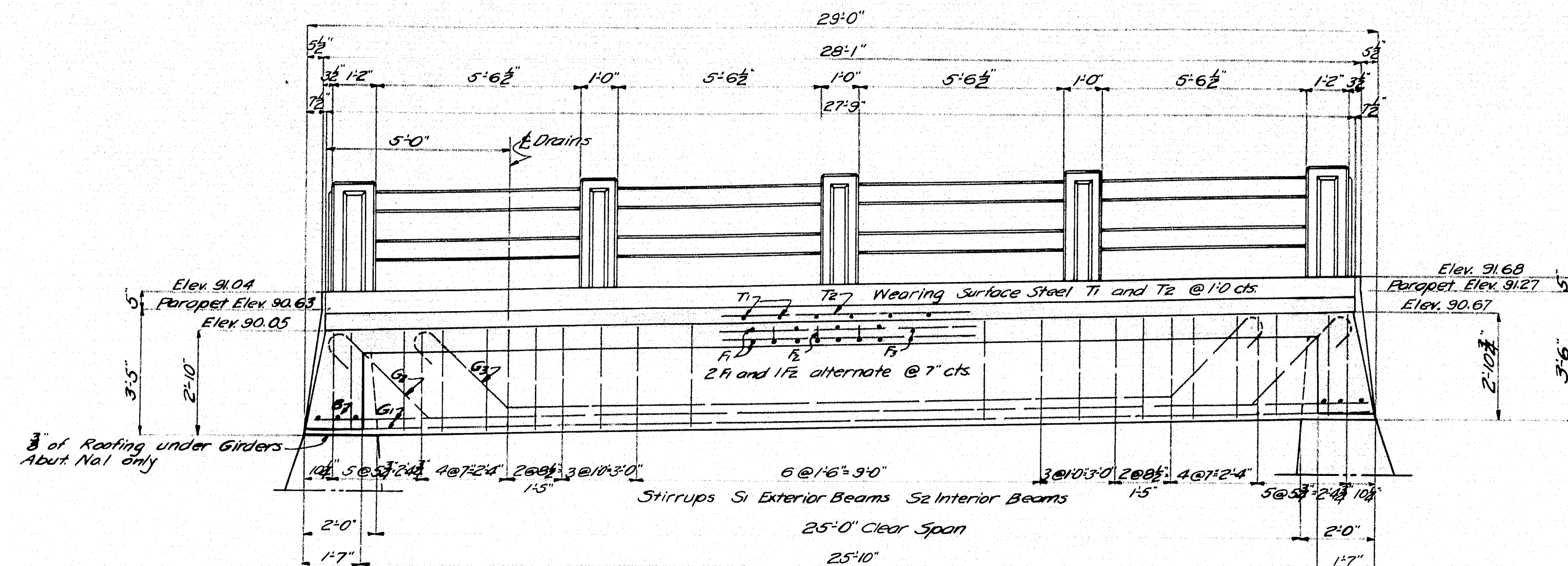
SHEET 2 OF 3 AUGUSTA, ME., OCT 17, 1933

MAINE HIGHWAY COMMISSION  
BRIDGE DIVISION  
HODGDON MILLS BRIDGE  
OVER  
MEDUXNEKEAG RIVER  
IN THE TOWN OF  
HODGDON  
AROOSTOOK COUNTY  
SUBSTRUCTURE

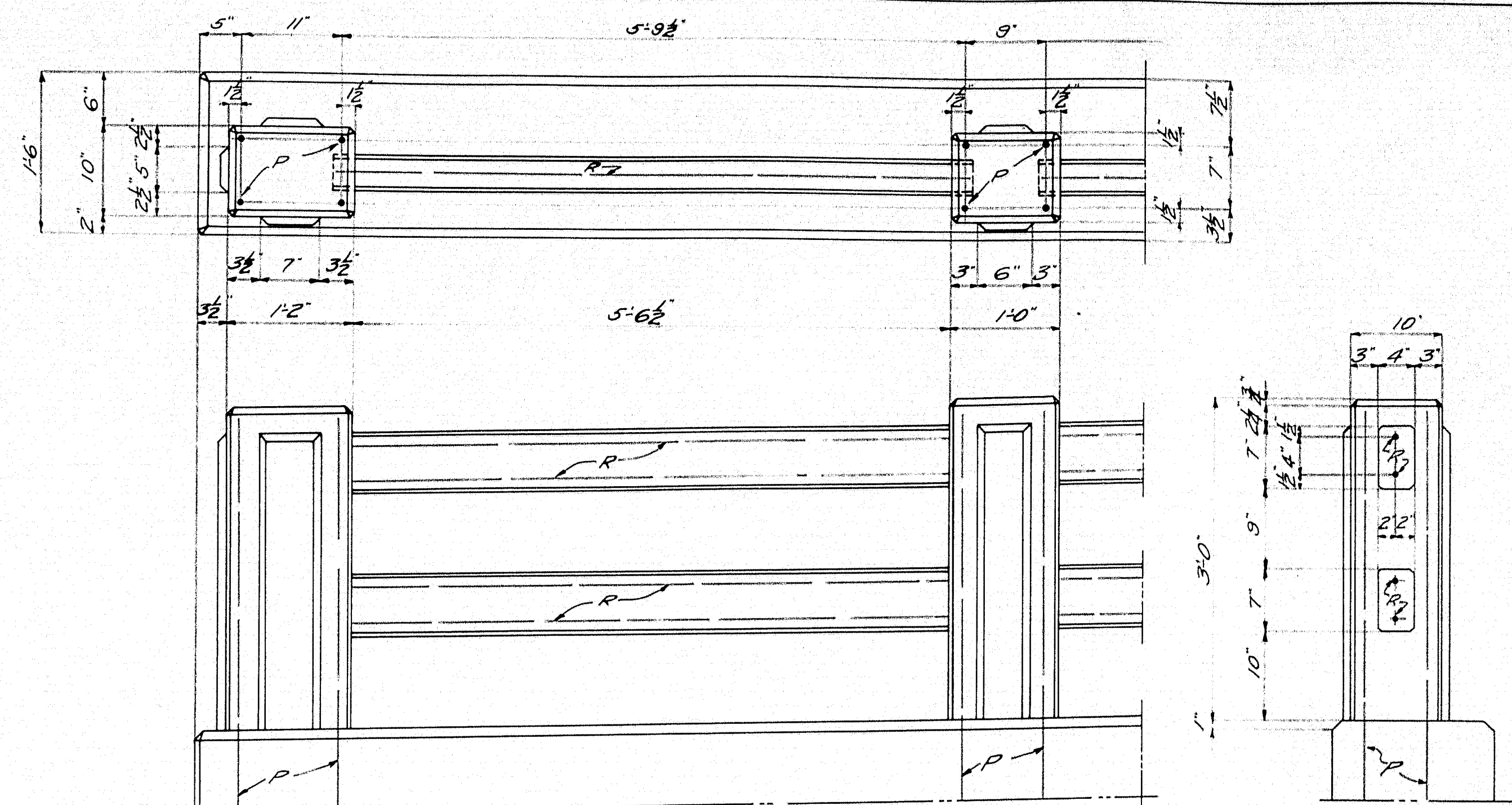
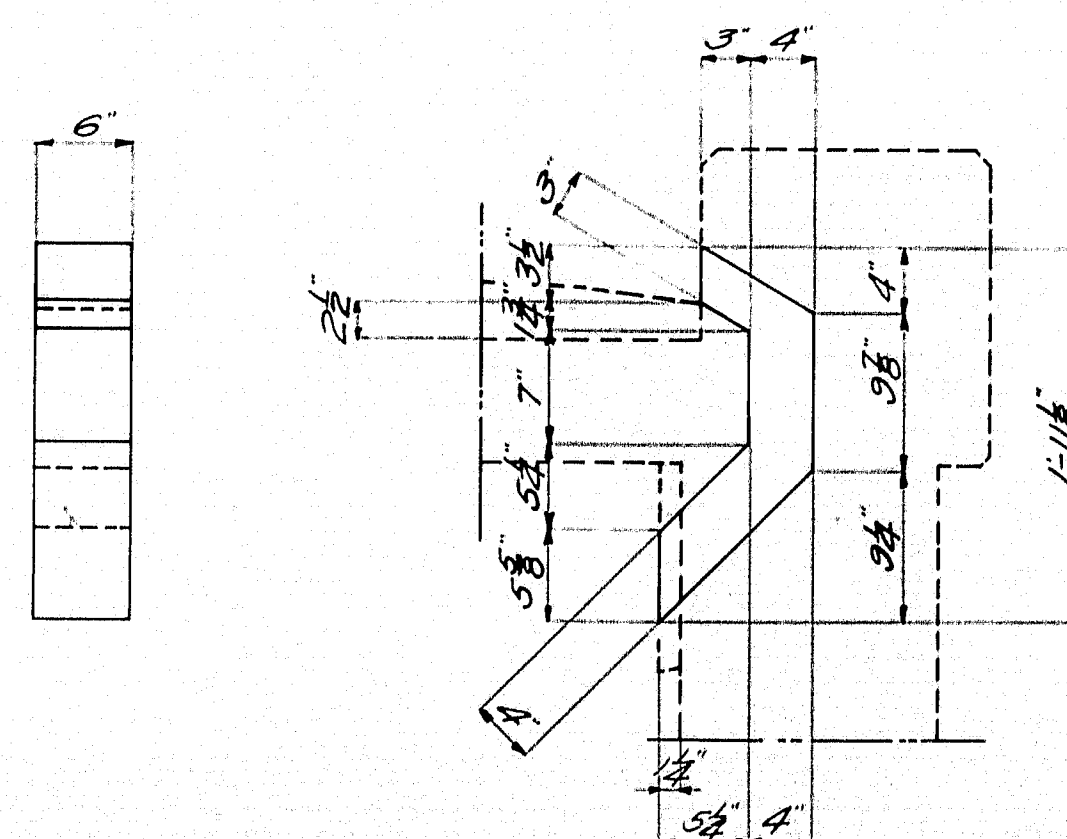
**MEDUXNEKEAG RIVER**  
**IN THE TOWN OF**  
**HODGDON**  
**AROOSTOOK COUNTY**  
**SUBSTRUCTURE**

SHEET 2 OF 3      AUGUSTA, ME., OCT. 17, 1933

16-143



Note: Curb and slab to be cast together. Steel for posts to be set in curb. Precast rail bars in lengths of 5'-11 1/2". Place bars in position with ends projecting into post forms 1/2". Wrap ends for a length of 6" with two thicknesses of roofing. After post forms are removed cut away all roofing left exposed. Panels on posts to be 8" thick.  
Chamfer all exposed edges of concrete 1/4" unless indicated. Cover the 1/2" slots and 1/2" openings between superstructure and substructure on the back side of each layer with two layers of heavy roofing. Coat concrete and back side of each layer as applied with flat tar or asphalt. Roofing to be 10" wide. The area to be covered is to be recessed 1/2" by nailing thin strips to the forms before the concrete is placed.



| STEEL SCHEDULE |      |     |         |   |               |   |              |      |      |
|----------------|------|-----|---------|---|---------------|---|--------------|------|------|
| BENT BARS      |      |     |         |   | STRAIGHT BARS |   |              |      |      |
| MARK           | SIZE | NO. | A       | B | C             | D | TOTAL LENGTH | MARK | SIZE |
| G1             | 1"   | 24  | 28'3"   |   |               |   |              | G1   | 1"   |
| A              | 5/8" | 48  | 23'9"   |   |               |   |              | A    | 5/8" |
| F3             | 1/2" | 17  | 27'6"   |   |               |   |              | F3   | 1/2" |
| K              | 3/8" | 58  | 8'-0"   |   |               |   |              | K    | 3/8" |
| T1             | 5/8" | 28  | 20'-10" |   |               |   |              | T1   | 5/8" |
| T2             | 5/8" | 22  | 27'-6"  |   |               |   |              | T2   | 5/8" |
| P              | 3/4" | 40  | 4'-0"   |   |               |   |              | P    | 3/4" |
| R              | 5/8" | 32  | 5'-11"  |   |               |   |              | R    | 5/8" |
| B              | 3/4" | 6   | 23'-9"  |   |               |   |              | B    | 3/4" |

LOCATION

Girders  
Slab  
Slab-Curbs  
Abutments  
Wearing Surface  
Wearing Surface  
Posts  
Rails  
Cross Beams

MARK SIZE NO. LENGTH LOCATION

F2 5/8" 24 26'-6" Slab  
S1 1/2" 70 10'-5" Exterior Girders  
S2 5/8" 70 7'-4" Interior Girders

All steel to be plain rounds, structural grade.  
All steel dimensions are to centers of bars.

MAINE HIGHWAY COMMISSION  
BRIDGE DIVISION  
**HODGDON MILLS BRIDGE**  
OVER  
**MEDUXNEKEAG RIVER**  
IN THE TOWN OF  
**HODGDON**  
**AROOSTOOK COUNTY**  
SUPERSTRUCTURE

SHEET 3 OF 3 AUGUSTA, ME., OCT. 17, 1933

16-144