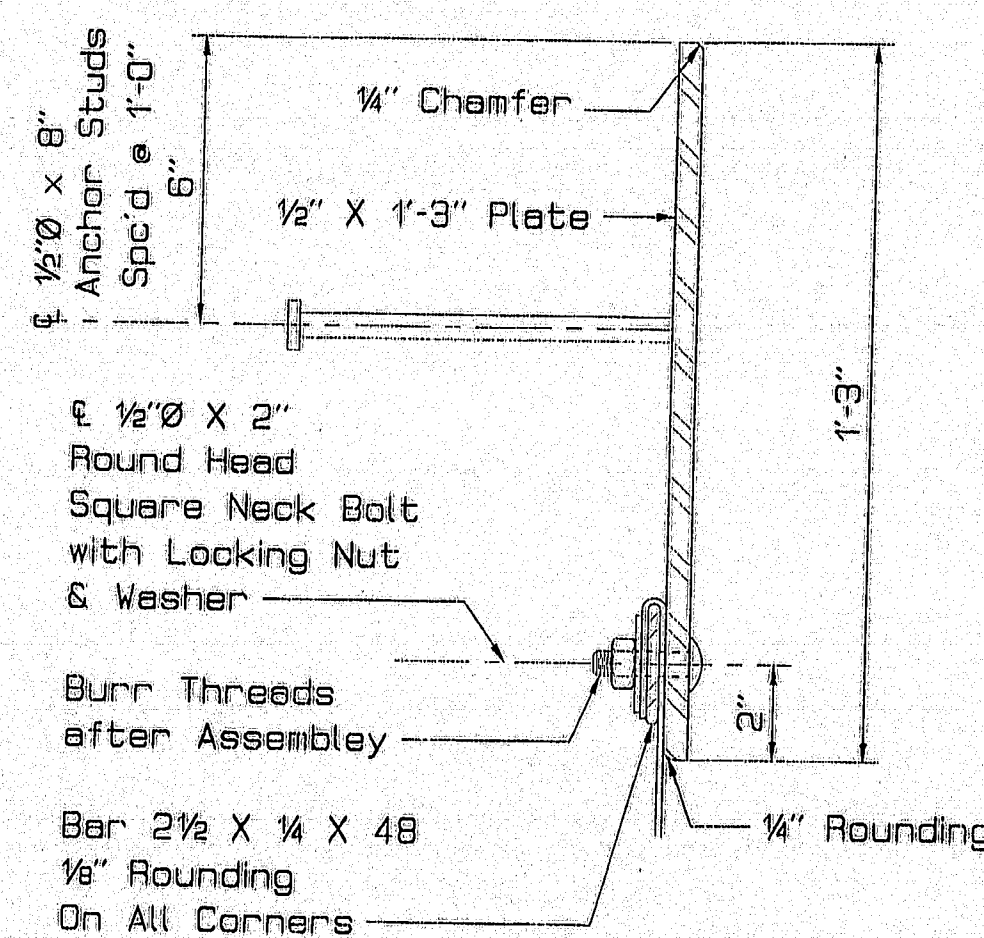
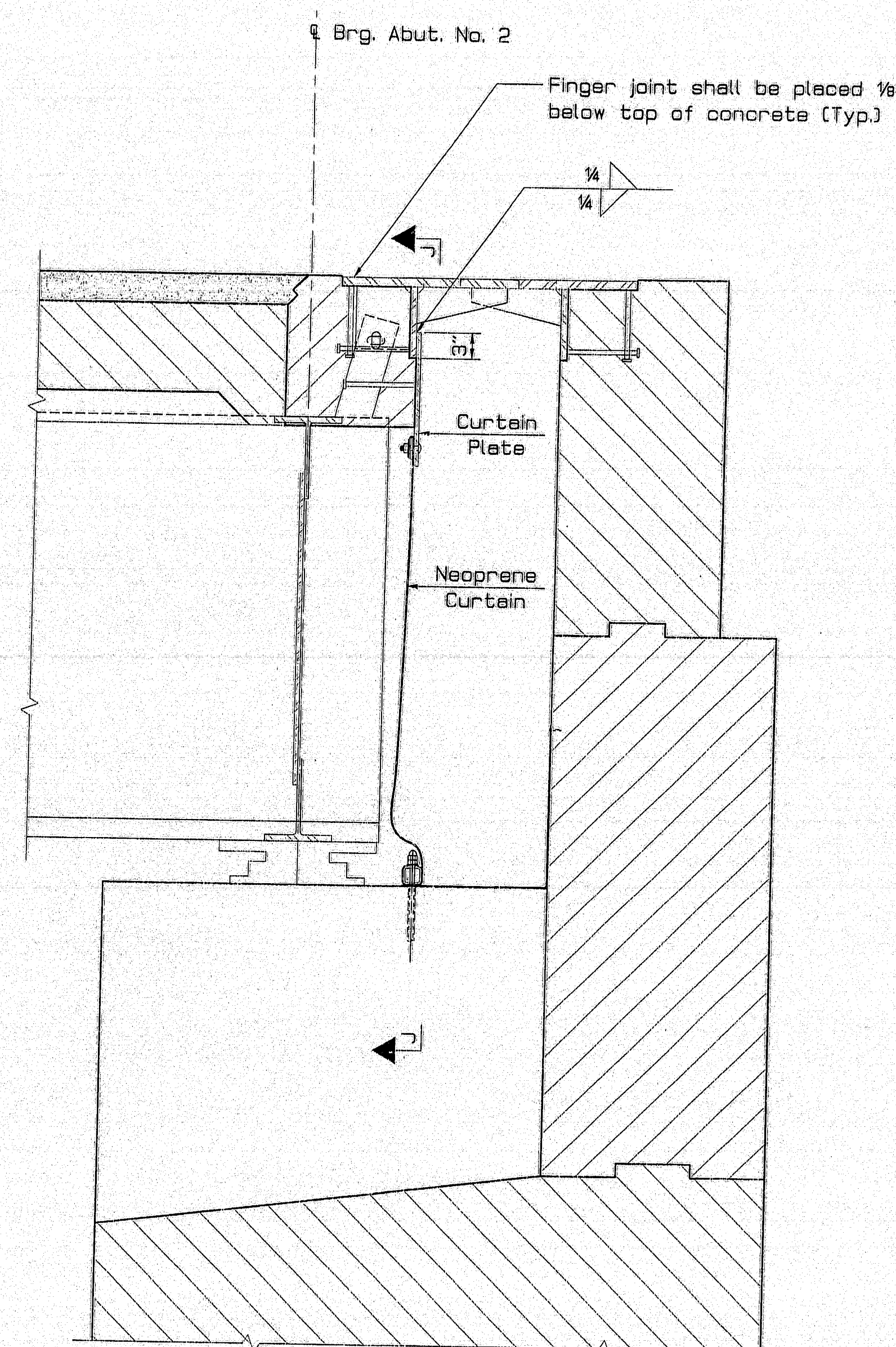
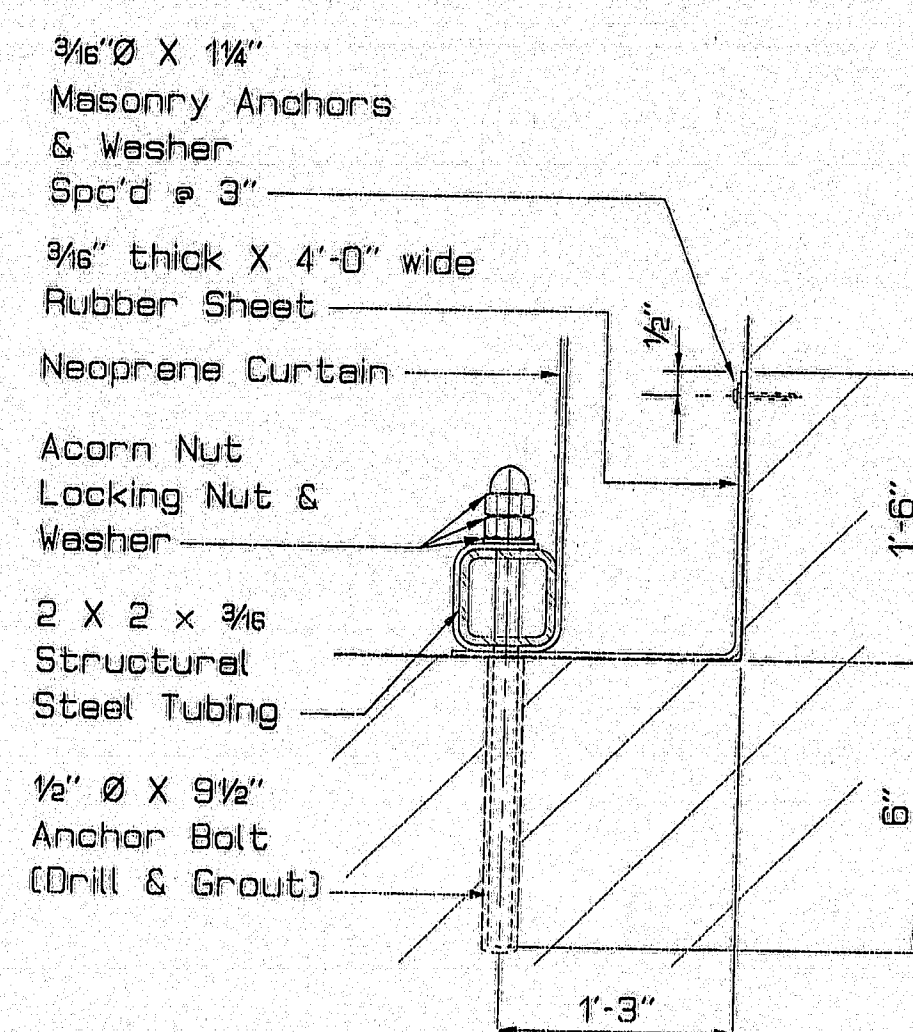


PIN 002672.00

F.I.V.A. REV. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-681P-038-1(35)	169	201

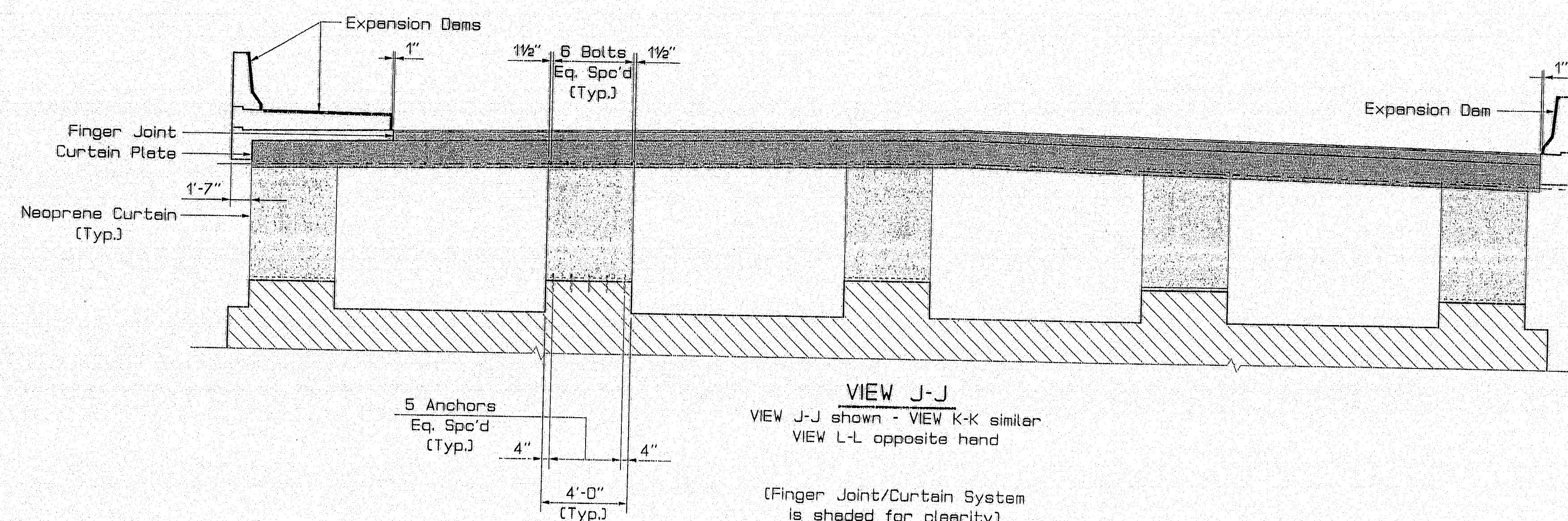


CURTAIN PLATE DETAIL



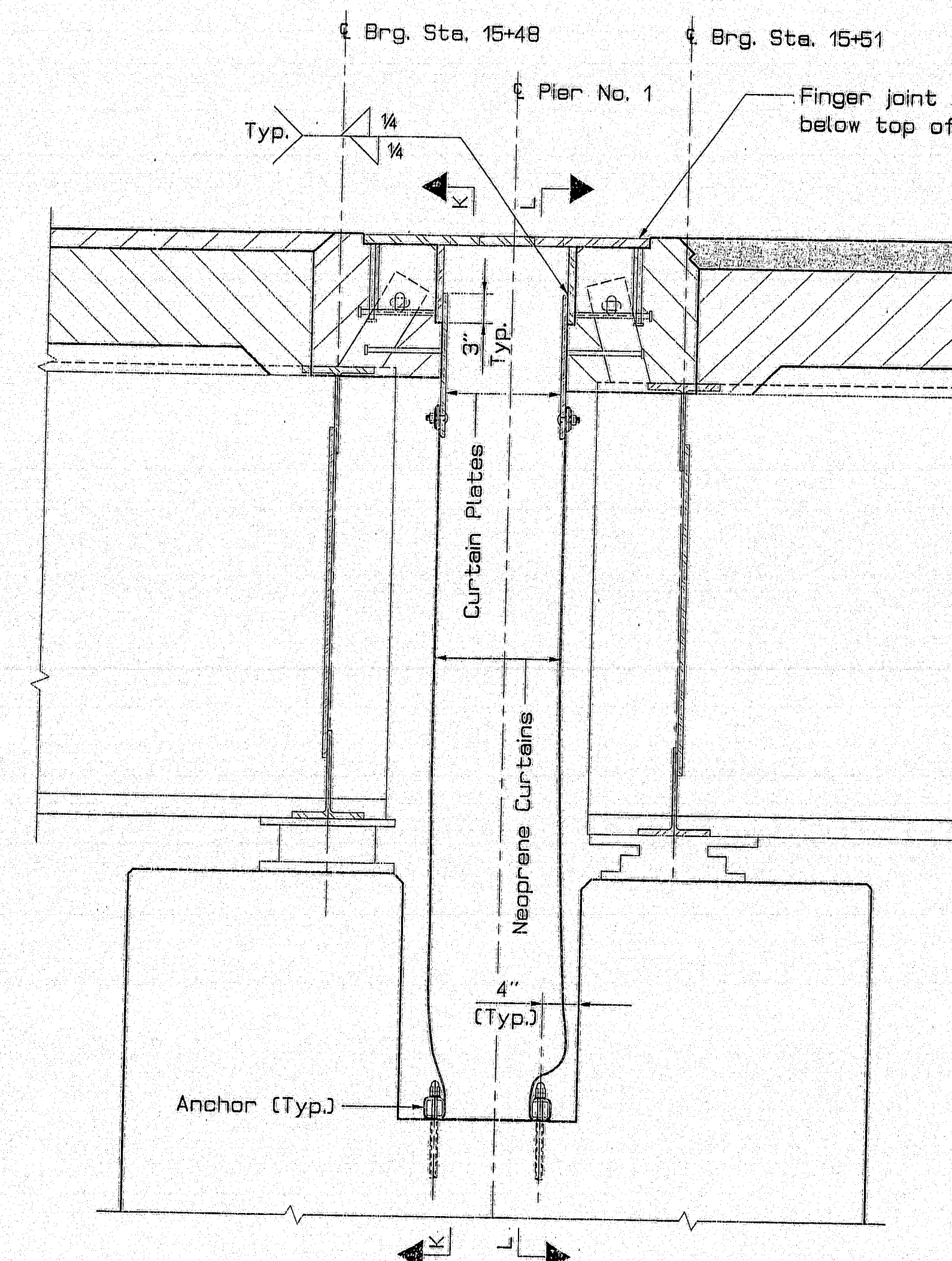
ANCHOR DETAIL
at Abutment No. 2

BRIDGE JOINT SECTION
at Abutment No. 2

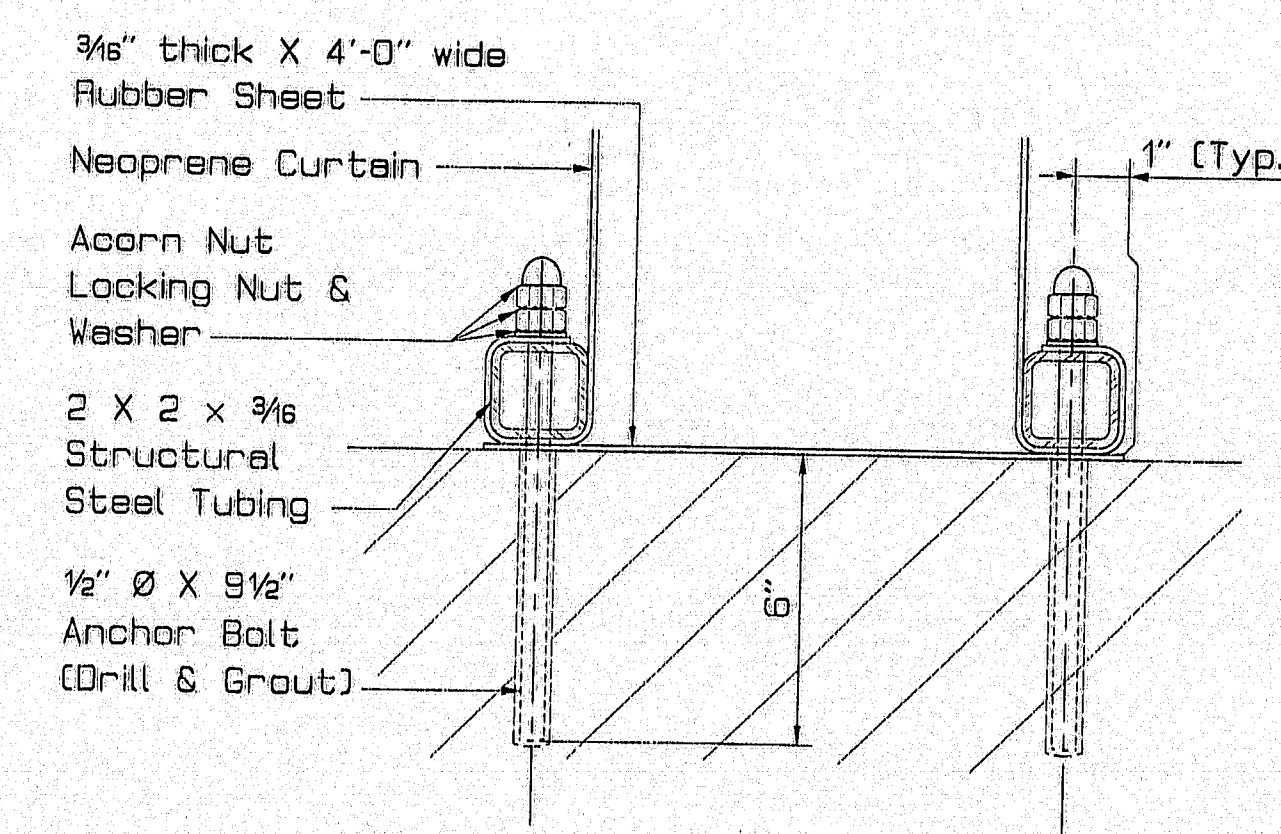


VIEW J-J
VIEW J-J shown - VIEW K-K similar
VIEW L-L opposite hand

(Finger Joint/Curtain System
is shaded for clarity)



BRIDGE JOINT SECTION
at Pier No. 1



ANCHOR DETAIL
at Pier No. 1

BRIDGE JOINT NOTES

1. Fabrication of Curtain Plates shall be in accordance with the applicable provisions of Section 504 - Structural Steel and Supplemental Specification 504 - Structural Steel (Welding).
2. All materials including anchorage system, curb & sidewalk expansion dams, neoprene curtain support & anchorage systems, neoprene curtains, rubber sheeting, hardware, galvanizing, equipment, labor and incidentals necessary for furnishing and installing the expansion devices and expansion dams shall be incidental to pay item 521.23 Expansion Device - Finger Joint.
3. Rubber sheeting shall be bonded to concrete using an adhesive as approved by the Engineer.
4. The neoprene material used to fabricate the curtains shall have no seams and shall meet the requirements of Section 521 of the Standard Specifications.
5. Assembly of the fabric curtain shall be done at least two days after placement of the concrete.
6. The Neoprene Curtains at Abutment No. 2 shall be 2 1/2 inch longer than the distance necessary to attach from the Curtain Plate to the Anchor at -30°F.
7. The Neoprene Curtains at Pier No. 1 - downstation side shall be 1 1/2 inch longer than the distance necessary to attach from the Curtain Plate to the Anchor at -30°F.
8. The Neoprene Curtains at Pier No. 1 - upstation side shall be 2 inch longer than the distance necessary to attach from the Curtain Plate to the Anchor at -30°F.
9. The finger joints, expansion dams, curtain plates, 2 1/2 x 1/4 bars, & 2 x 2 x 3/8 structural tubing shall be hot dipped galvanized to the requirements of AASHTO M111 (ASTM A123) after fabrication. All other hardware required for the finger joint/curtain system shall be galvanized in accordance with AASHTO M232.
10. The curtain plates shall be A36 structural steel.

The curtain @ Pier 1
was a bad idea!
As built 1997

120-154

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PENOBSCOT RIVER BRIDGE
OVER
PENOBSCOT RIVER
IN THE CITIES OF
BANGOR-BREWER
PENOBSCOT COUNTY
CURTAIN DETAILS

SHEET 40 OF 48 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	DATE
DESIGN DETAILER	8-95
CHECKER	11/5
REVISIONS	
FIELD CHANGES	

PLANS

15AUG95-010030
JNITLS2