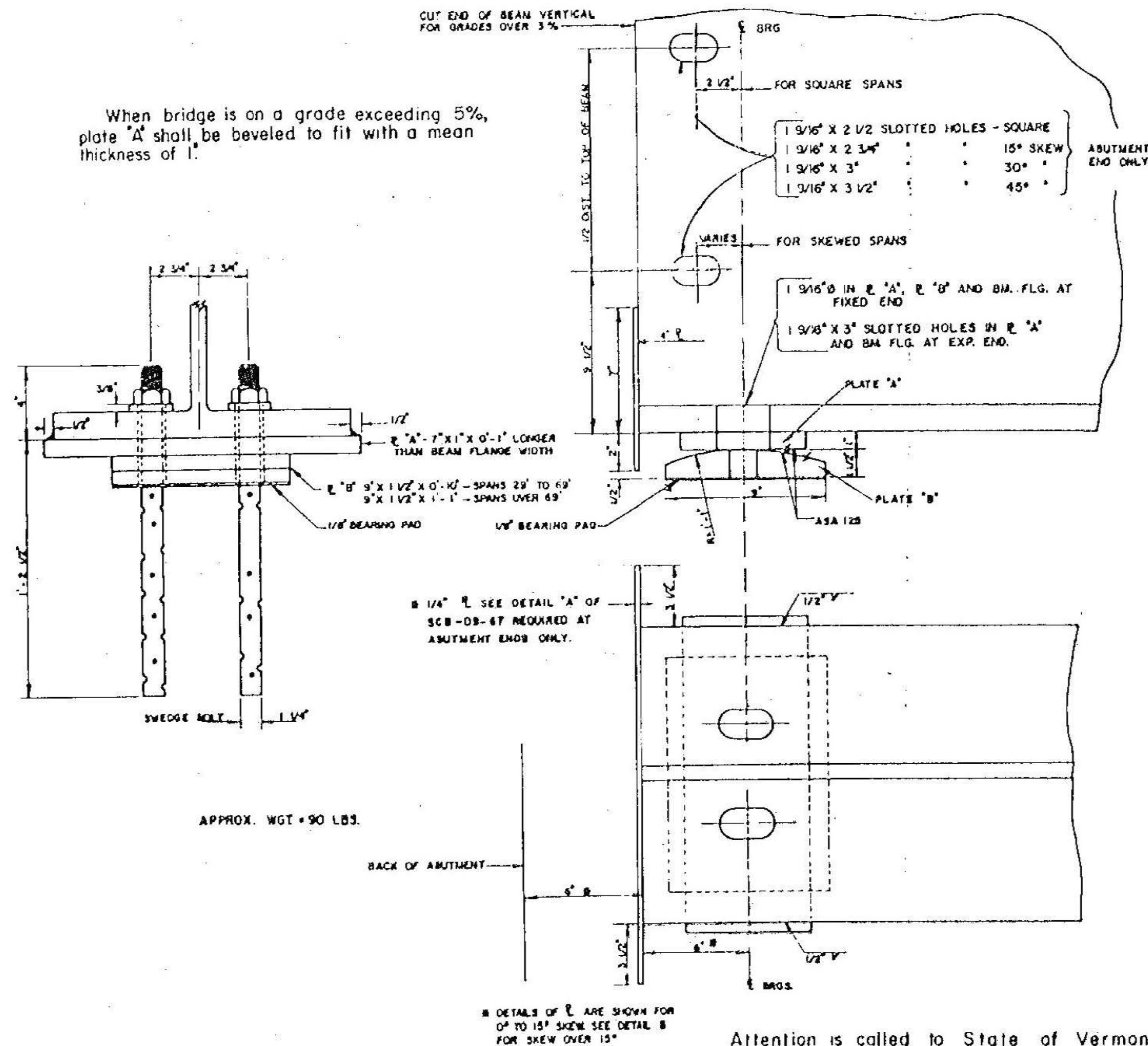




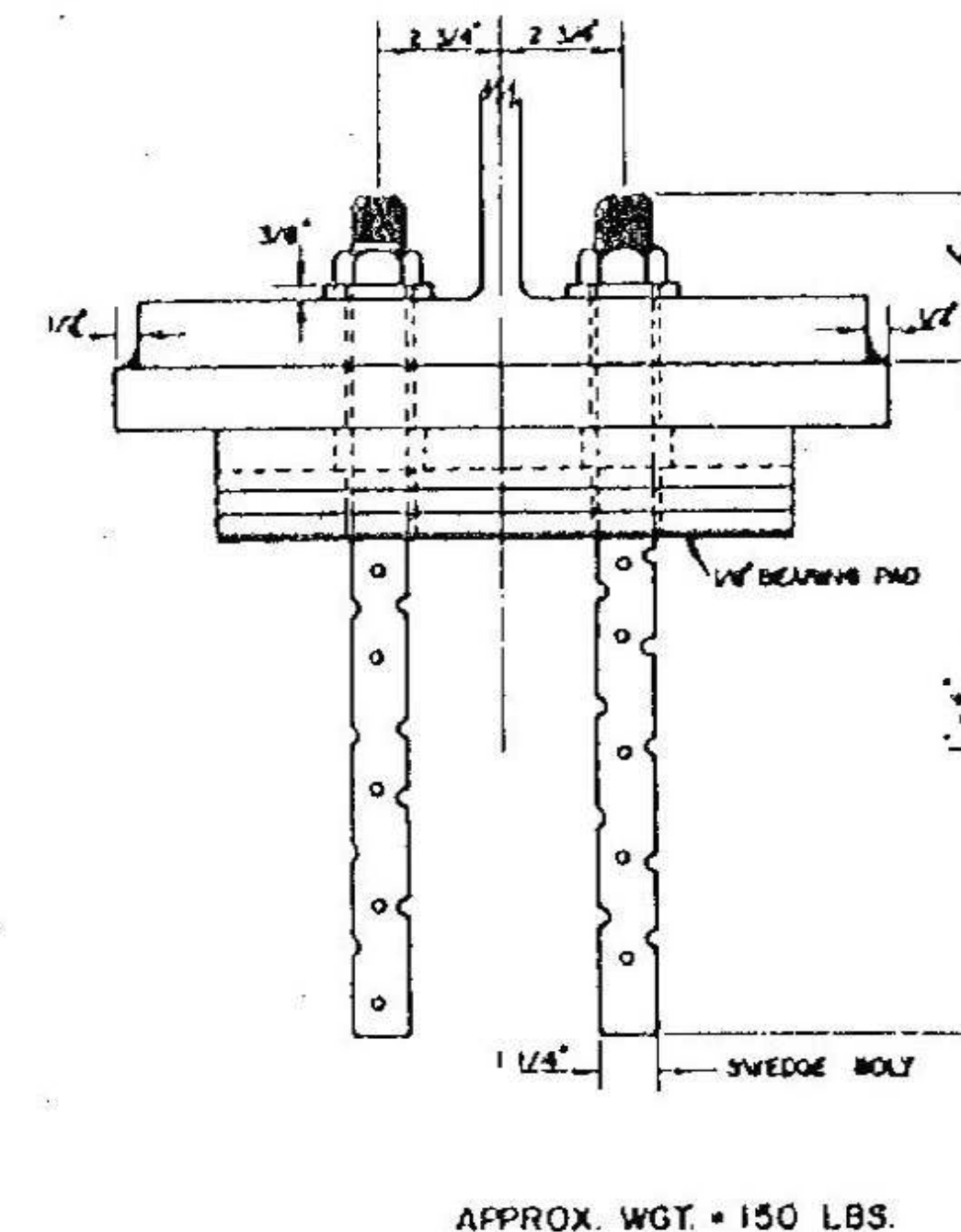
Attention is called to State of Vermont Department of Highways Standard Specifications for Highway and Bridge Construction, Item # 404, paragraph 404.02 (23) for bearing materials for Shoes and Pedestals.

FIXED END BEARING DEVICE
USE FOR EXPANSION END ON SPANS UP TO AND INCLUDING 69'

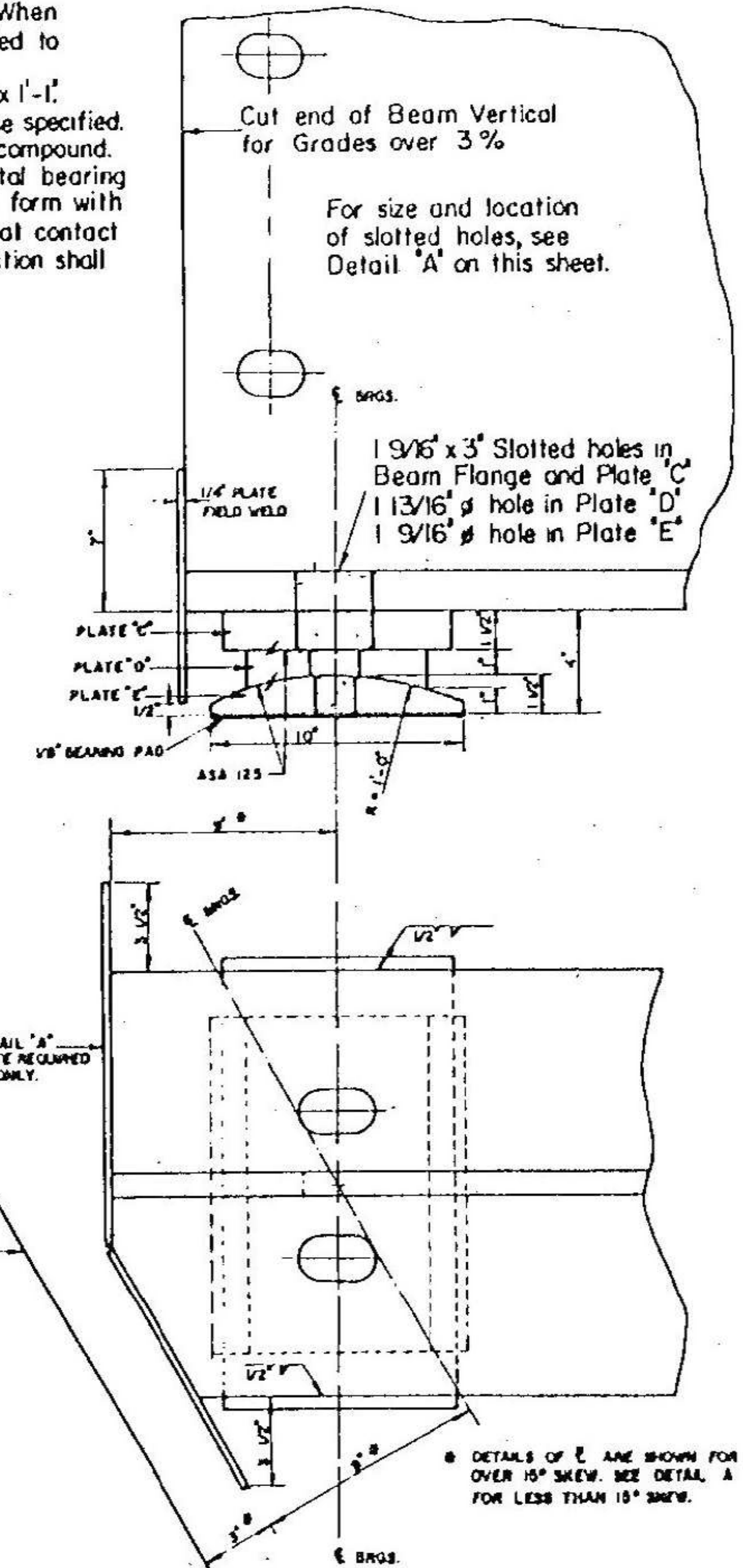
Plate "C" - 9' x 1 1/2' x 1" longer than the beam flange width. When the bridge is on a grade exceeding 5%, plate "C" shall be beveled to fit the grade with a mean thickness of 1 1/2".

Plate "D" - 7' x (outer edge thickness 1 1/2", center thickness 1") x 1'-1". To be Cast Bronze - A.S.T.M. - B 22-40 T, Class "B" unless otherwise specified. This plate shall have trepanned recesses filled with a lubricating compound. The lubricating area shall comprise not less than 25% of the total bearing area. The manufacturer shall supply additional lubricant in liquid form with which the Contractor shall thoroughly coat the bearing surfaces that contact the lubricated portion of the bronze plate. The coefficient of friction shall not exceed 0.10.

Plate "E" - 10' x 1 1/2' x 1'-1".



EXPANSION END BEARING DEVICE
FOR SPANS OVER 69'



IRASBURG
IM DECK (46)
BRIDGE NO. 107N
SHEET 1 OF 1
FOR REFERENCE ONLY

REVISIONS AND CORRECTIONS

DRAWN BY: A.V. DEC 1981
RETRACED BY: A.J.A. MAY 1981
CHECKED BY: W. SMITH DEC 1982

RECOMMENDED FOR APPROVAL

APPROVED BY: R. H. [Signature] 1/24/68

DETAILS OF W BEAM BRIDGES

- (A) FIXED END BEARING DEVICE
(B) EXPANSION END BEARING DEVICE

VERMONT
DEPARTMENT OF HIGHWAYS
STRUCTURE STANDARDS

SCB-D8-67

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